

Mineral Industry Surveys

For information, contact:

Daniel M. Flanagan, Copper Commodity Specialist
National Minerals Information Center
Telephone: (703) 648-7726
Email: dflanagan@usgs.gov

Sheema Merchant (Data)

Telephone: (703) 659-9944

Email: smerchant@usgs.gov

Internet: <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

COPPER IN NOVEMBER 2024

In November 2024, U.S. mines produced 84,100 metric tons (t) of recoverable copper. Average daily mine production was 2,800 t, unchanged from that in October and 12% less than that in November 2023 (fig. 1). Year-to-date mine output of recoverable copper through November 2024 was 948,000 t, a decrease of 8% compared with that in the same time period in 2023 (table 2).

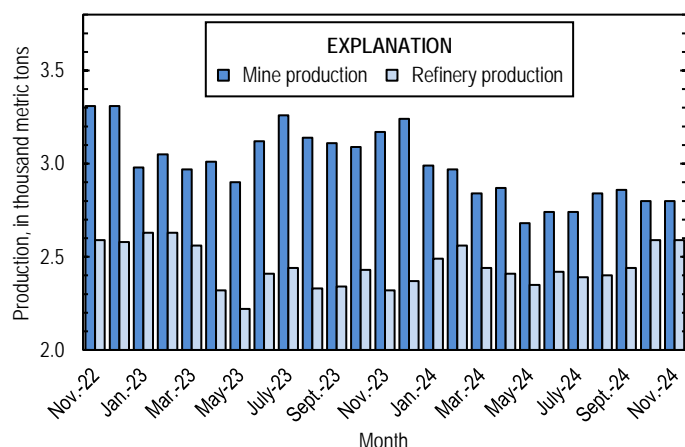


Figure 1. Average daily copper mine (recoverable) and refinery (primary and secondary) production in the United States from November 2022 through November 2024.

To avoid disclosing company proprietary data, smelter and electrolytic refinery production in November 2024 were estimated based on public information and do not reflect output reported to the U.S. Geological Survey. Estimated production of anodes at primary and secondary copper smelters in the United States was 36,000 t in November 2024. Year-to-date estimated smelter production was 408,000 t, an increase of 19% from that in the same time period in 2023 (table 3).

Domestic refineries produced 77,800 t of copper in November 2024; data for electrolytic and electrowon output, as well as refined production from scrap, are reported in table 4. Average daily production of refined copper was 2,590 t, unchanged from that in October and 12% greater than that in November 2023 (fig. 1). Year-to-date refinery output through November 2024 was 824,000 t, a slight increase compared with that in the same time period in 2023.

Prices

In November 2024, the average Commodity Exchange Inc. (COMEX) copper price was \$4.17 per pound, 5% lower than \$4.38 per pound in October and an increase of 12% from \$3.72 per pound in November 2023 (fig. 2, table 11). Analysts attributed the price decrease in November 2024 to strengthening of the U.S. dollar relative to other global currencies and expectations for reduced worldwide copper demand in the near future (Kurata, 2024; Silva and Barreto, 2024). The average U.S. dealers buying price of number 2 copper scrap was \$3.21 per pound in November 2024, slightly less than \$3.28 per pound in October and an increase of 15% from \$2.80 per pound in November 2023 (fig. 2, table 12).

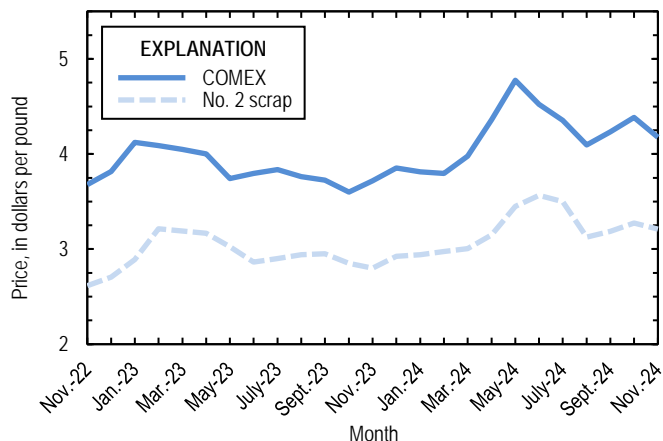


Figure 2. Monthly average Commodity Exchange Inc. (COMEX) copper price and no. 2 copper scrap U.S. dealers buying price from November 2022 through November 2024. Sources: Fastmarkets-AMM and S&P Global Platts Metals Week.

Stocks

Refined copper stocks in the United States totaled 118,000 t at the end of November 2024 compared with 119,000 t at the end of October and were 19% less than those at the end of November 2023. Stocks at producers and fabricators (brass mills, refineries, wire-rod mills, and other manufacturers) decreased by 8% (3,190 t) and stocks at exchanges [COMEX and London Metal Exchange Ltd. (LME)] increased slightly (by 1,760 t) compared with those at the end of October (fig. 3, table

10). The domestic LME stock quantity remained near the alltime low at the end of November 2024, likely owing to a significant price difference for most of the year between refined stocks in COMEX and U.S. LME warehouses (tables 10, 11).

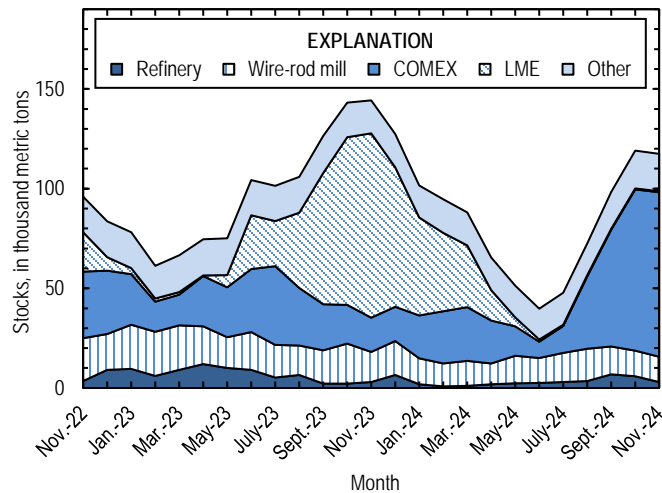


Figure 3. Domestic refined copper stocks at end of month, by type, from November 2022 through November 2024. Sources: London Metal Exchange Ltd. (LME), S&P Global Platts Metals Week, and U.S. Geological Survey.

Industry News

India.—In November 2024, Adani Enterprises Ltd. planned to start processing concentrates at a new copper smelter in the State of Gujarat. The first phase of the facility had a production capacity of 500,000 metric tons per year (t/yr) of anodes, which was expected to be achieved by March 2025. Adani projected that an expansion to a capacity of 1,000,000 t/yr would be completed by 2029 (Arora, 2024; Garcia, 2024).

References Cited

Arora, Neha, 2024, Adani smelter expansion will cut India’s refined copper imports, government says: Reuters, December 6. (Accessed December 13, 2024, at <https://www.reuters.com/markets/commodities/adani-smelter-expansion-will-cut-indias-refined-copper-imports-government-says-2024-12-06/>.)

Garcia, Angelica, 2024, Adani’s copper smelter to face slow ramp-up due to tight supply—Bloomberg: S&P Capital IQ, September 27. (Accessed October 4, 2024, via <https://www.capitaliq.spglobal.com>.)

Kurata, Sayaka, 2024, Most LME base metals prices down, following Trump’s tariff pledge: Fastmarkets-AMM, November 26. (Accessed December 6, 2024, via <https://dashboard.fastmarkets.com>.)

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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 to use the tool.

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Table 1. Salient statistics of the copper industry in the United States.

[Data are rounded to no more than three significant digits, except prices; may not add to totals shown. Data are in metric tons, copper content, unless otherwise specified. Estimated data are marked with a superscript "e".]

Copper statistic	Source table ¹	2023	2024			
			September	October	November	January–November
Primary production (from ore)						
Mine, recoverable ²	(²)	1,130,000	85,700	86,800	84,100	948,000
Smelter ^{3, 4}	(³)	378,000	35,000 ^e	36,000 ^e	36,000 ^e	408,000 ^e
Refinery, electrolytic ⁴	(⁴)	327,000	32,000 ^e	38,000 ^e	38,000 ^e	370,000 ^e
Refinery, electrowon	(⁴)	516,000	38,100	39,000	36,600	419,000
Total refinery	(⁴)	843,000	70,100	77,000	74,600	789,000
Secondary production (from copper-base scrap) ⁵						
Refineries ⁶	(⁵)	38,900	3,260	3,260	3,240	35,600
Ingot makers ^{e, 7}	(⁵)	37,400	3,120	3,120	3,120	34,300
Brass and wire-rod mills	(⁵)	668,000	58,500	61,400	61,800	645,000
Foundries, etc. ^{e, 7}	(⁵)	35,200	2,930	2,930	2,930	32,300
Consumption						
Reported, refined copper	(⁷)	1,570,000	133,000	135,000	129,000	1,460,000
Apparent, primary refined copper and copper from old scrap ⁸	(⁸)	1,680,000	171,000	124,000	144,000	1,690,000
Reported, purchased copper-base scrap (gross weight)	(⁹)	898,000	77,900	80,600	80,900	856,000
Stocks at end of period						
Blister and anodes	(¹⁰)	10,500	14,300	13,400	7,950	7,950
Refined ⁹	(¹⁰)	127,000	98,300	119,000	118,000	118,000
Prices (cents per pound) ¹⁰						
Commodity Exchange Inc. (COMEX)	(¹¹)	385.749	423.280	438.463	417.455	422.585
U.S. producers cathode ¹¹	(¹¹)	395.297	434.280	449.463	428.455	432.669
Imports for consumption ¹²						
Ore and concentrates	(¹³)	3,300	0	0	0	40
Refined	(¹³)	771,000	121,000	59,900	63,400	813,000
Exports ¹²						
Ore and concentrates	(¹⁴)	339,000	23,100	23,500	26,300	292,000
Refined	(¹⁴)	33,200	7,340	5,920	8,870	64,400

¹Numbers in parentheses refer to the tables where these data are located.

²Includes the recoverable copper content of concentrates (of copper and other metals), copper produced by solvent extraction and electrowinning, and copper recovered as precipitates.

³Primary and secondary production.

⁴To avoid disclosing company proprietary data, monthly smelter and electrolytic refinery production in 2024 are estimated based on public information and do not reflect output reported to the U.S. Geological Survey.

⁵Copper recovered from copper-base scrap and converted to refined metal, alloys, and other forms. Does not include copper recovered from scrap types other than copper-base.

⁶Electrolytically refined and fire-refined copper.

⁷Plants are surveyed by the U.S. Geological Survey on an annual basis; data after 2022 not yet available. Data are estimated based on the monthly average of 2022 annual data.

⁸Primary refined copper production plus copper recovered from old scrap plus refined imports for consumption minus refined exports minus refined stock change during period. Old scrap consists of copper items used by consumers.

⁹Stocks of refined copper at brass mills, exchanges, refineries, wire-rod mills, and other manufacturers.

¹⁰Source: S&P Global Platts Metals Week.

¹¹Sum of the monthly average COMEX price and monthly average New York dealers cathode premium; reflects the delivered spot price of copper cathode to U.S. consumers by U.S. producers.

¹²Source: U.S. Census Bureau. See tables 13 and 14 for the relevant Harmonized Tariff Schedule of the United States (imports) and Schedule B of the United States (exports) codes.

Table 2. Mine production of copper in the United States.

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

Period	Recoverable copper ¹			Contained copper		
	Arizona	Others ²	Total	Electrowon	Concentrates ³	Total
2023						
January–November	728,000	298,000	1,030,000	475,000	574,000	1,050,000
November	64,200	31,000	95,200	37,600	59,800	97,400
December	66,900	33,600	100,000	41,200	61,100	102,000
January–December	795,000	332,000	1,130,000	516,000	635,000	1,150,000
2024						
January	64,800	28,000	92,700	40,000	54,800	94,800
February	58,700	27,500	86,200	36,900	51,200	88,100
March	59,800	28,100	87,900	38,300	51,500	89,800
April	59,700	26,400	86,100	37,100	51,000	88,100
May	58,000	25,100	83,100	37,500	47,300	84,800
June	58,900	23,500	82,300	37,400	46,700	84,100
July	61,200	23,900	85,100	38,800	48,200	86,900
August	62,300	25,700	87,900	39,100	50,800	89,900
September	60,200	25,400	85,700	38,100	49,400	87,500
October	62,000	24,800	86,800	39,000	49,600	88,700
November	58,900	25,100	84,100	36,600	49,300	85,900
January–November	664,000	283,000	948,000	419,000	550,000	969,000

¹Includes the recoverable copper content of concentrates (of copper and other metals), copper produced by solvent extraction and electrowinning, and copper recovered as precipitates.²Includes production from Michigan, Missouri, Montana, Nevada, New Mexico, and Utah.³Also includes copper recovered as precipitates.

Table 3. Copper produced at smelters in the United States.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, copper content. Estimated data are marked with a superscript "e".]

Period	Anode production¹
2023²	
January–November	342,000
November	36,000
December	36,000
January–December	378,000
2024^{e,3}	
January	40,000
February	40,000
March	40,000
April	37,000
May	37,000
June	37,000
July	35,000
August	35,000
September	35,000
October	36,000
November	36,000
January–November	408,000

¹Primary and secondary production.

²Data in 2023 consist of primary production from company reports and an estimated 3,000 metric tons per month of secondary anodes.

³To avoid disclosing company proprietary data, monthly anode production in 2024 is estimated based on public information and does not reflect output reported to the U.S. Geological Survey. Data consist of primary production estimated from information in company reports and an estimated 3,000 metric tons per month of secondary anodes.

Table 4. U.S. production of refined copper.

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

Estimated data are marked with a superscript “e”.]

Estimated data are marked with a superscript ^e.

Period	From primary materials			From scrap ²	Total refined
	Electrolytic ¹	Electrowon	Total primary		
2023					
January–November	298,000	475,000	773,000	35,600	808,000
November	28,900	37,600	66,500	3,220	69,700
December	28,900	41,200	70,100	3,240	73,300
January–December	327,000	516,000	843,000	38,900	882,000
2024					
January	34,000 ^e	40,000	74,000	3,220	77,200
February	34,000 ^e	36,900	70,900	3,220	74,100
March	34,000 ^e	38,300	72,300	3,220	75,600
April	32,000 ^e	37,100	69,100	3,230	72,300
May	32,000 ^e	37,500	69,500	3,220	72,700
June	32,000 ^e	37,400	69,400	3,220	72,600
July	32,000 ^e	38,800	70,800	3,240	74,000
August	32,000 ^e	39,100	71,100	3,250	74,300
September	32,000 ^e	38,100	70,100	3,260	73,300
October	38,000 ^e	39,000	77,000	3,260	80,300
November	38,000 ^e	36,600	74,600	3,240	77,800
January–November	370,000 ^e	419,000	789,000	35,600	824,000

¹Data in 2023 are from company reports. To avoid disclosing company proprietary data, monthly electrolytic production in 2024 is estimated based on information in company reports and does not reflect output reported to the U.S. Geological Survey.

²Electrolytically refined and fire-refined copper.

Table 5. Copper recovered as refined copper and in alloys and other forms from purchased copper-base scrap in the United States.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons. Estimated data are marked with a superscript "e".]

New scrap refers to material generated during the manufacturing process. Old scrap consists of copper items used by consumers.]

Period	Refineries ¹		Ingot makers ^{e, 2}		Brass and wire-rod mills		Foundries, etc. ^{e, 2}		Total ³
	New scrap ^e	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2023									
January–November	18,400	17,200	3,850	30,500	578,000	36,000	8,140	24,100	716,000
November	1,680	1,540	350	2,770	53,000	2,700	740	2,190	64,900
December	1,680	1,560	350	2,770	52,500	2,240	740	2,190	64,100
January–December	20,100	18,700	4,200	33,200	630,000	38,200	8,880	26,300	780,000
2024									
January	1,680	1,540	350	2,770	52,400	4,070	740	2,190	65,700
February	1,680	1,540	350	2,770	52,600	3,330	740	2,190	65,200
March	1,680	1,550	350	2,770	50,800	3,360	740	2,190	63,400
April	1,680	1,550	350	2,770	54,500	3,530	740	2,190	67,300
May	1,680	1,540	350	2,770	57,500	3,650	740	2,190	70,500
June	1,680	1,550	350	2,770	57,300	2,690	740	2,190	69,300
July	1,680	1,570	350	2,770	55,400	2,640	740	2,190	67,400
August	1,680	1,570	350	2,770	56,100	3,520	740	2,190	68,900
September	1,680	1,580	350	2,770	55,100	3,410	740	2,190	67,800
October	1,680	1,580	350	2,770	57,200	4,200	740	2,190	70,700
November	1,680	1,570	350	2,770	57,600	4,210	740	2,190	71,100
January–November	18,400	17,100	3,850	30,500	607,000	38,600	8,140	24,100	747,000

¹Electrolytically refined and fire refined from scrap based on source of material at smelter or refinery level.²Plants are surveyed by the U.S. Geological Survey on an annual basis; data after 2022 not yet available. Data are estimated based on the monthly average of 2022 annual data.³Does not include an estimate, based on 2022 annual data, of 3,000 tons per month from new scrap and 2,560 tons per month from old scrap of copper recovered from scrap types other than copper-base.

Table 6. U.S. production, shipments, and stocks of brass and wire-rod semifabricates.

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

Period	Production		Shipments		Stocks, end of period	
	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2023						
January–November	817,000	1,090,000	815,000	1,090,000	32,300	14,900
November	71,200	93,500	71,800	94,600	32,300	14,900
December	73,500	84,700	72,700	79,600	33,200	20,300
January–December	890,000	1,170,000	887,000	1,170,000	33,200	20,300
2024						
January	72,000	105,000	72,600	105,000	32,600	20,000
February	73,800	103,000	74,000	107,000	32,500	16,200
March	74,000	102,000	73,700	98,500	32,800	19,400
April	74,100	107,000	74,100	111,000	32,700	16,100
May	73,400	116,000	74,100	112,000	32,100	19,800
June	72,100	96,000	73,200	96,000	31,000	19,900
July	73,700	98,500	74,100	102,000	30,600	16,300
August	78,100	111,000	77,900	110,000	30,800	17,000
September	76,400	108,000	75,800	103,000	31,400	22,400
October	77,100	109,000	77,100	105,000	31,300	25,600
November	76,300	102,000	76,800	102,000	30,800	25,700
January–November	821,000	1,160,000	823,000	1,150,000	30,800	25,700

Table 7. U.S. consumption of refined copper.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons. Estimated data are marked with a superscript “e”.]

Period	Brass mills	Wire-rod mills	Other plants^{e,1}	Total
2023				
January–November	386,000	1,030,000	38,100	1,450,000
November	31,800	86,900	3,470	122,000
December	33,300	84,300	3,470	121,000
January–December	419,000	1,110,000	41,600	1,570,000
2024				
January	32,800	103,000	3,470	140,000
February	32,900	97,400	3,470	134,000
March	28,100	95,200	3,470	127,000
April	28,300	101,000	3,470	133,000
May	28,800	105,000	3,470	137,000
June	30,700	91,700	3,470	126,000
July	28,400	93,400	3,470	125,000
August	29,300	110,000	3,470	143,000
September	27,400	102,000	3,470	133,000
October	30,300	101,000	3,470	135,000
November	30,000	95,400	3,470	129,000
January–November	327,000	1,100,000	38,100	1,460,000

¹Chemical plants, foundries, ingot makers, and miscellaneous manufacturers. These plants are surveyed by the U.S. Geological Survey on an annual basis; data after 2022 not yet available. Data are estimated based on the monthly average of 2022 annual data.

Table 8. U.S. apparent consumption of copper.

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

Period	Primary refined copper production	Copper in old scrap ¹	Refined imports for consumption ²	Refined exports ²	Refined stock change during period	Apparent consumption ³
2023						
January–November	773,000	136,000	744,000	29,700	60,700	1,560,000
November	66,500	11,800	30,000	4,870	1,110	102,000
December	70,100	11,300	26,800	3,540	-16,800	122,000
January–December	843,000	147,000	771,000	33,200	43,900	1,680,000
2024						
January	74,000	13,100	90,100	4,540	-25,800	199,000
February	70,900	12,400	39,700	4,870	-7,080	125,000
March	72,300	12,400	50,100	4,780	-6,400	136,000
April	69,100	12,600	43,800	5,880	-22,700	142,000
May	69,500	12,700	70,000	4,430	-14,100	162,000
June	69,400	11,800	52,500	3,320	-11,700	142,000
July	70,800	11,700	106,000	6,450	8,310	174,000
August	71,100	12,600	117,000	8,020	24,600	168,000
September	70,100	12,500	121,000	7,340	25,800	171,000
October	77,000	13,300	59,900	5,920	20,700	124,000
November	74,600	13,300	63,400	8,870	-1,430	144,000
January–November	789,000	138,000	813,000	64,400	-9,920	1,690,000

¹Copper recovered from old scrap (of copper-base and non-copper-base) and converted to refined metal, alloys, and other forms. Includes reported monthly production and estimates for annual reporters based on the monthly average of 2022 annual data. Old scrap consists of copper items used by consumers.

²Source: U.S. Census Bureau. Includes Harmonized Tariff Schedule of the United States (imports) and Schedule B of the United States (exports) codes 7403.11.0000, 7403.12.0000, 7403.13.0000, and 7403.19.0000.

³Primary refined copper production plus copper in old scrap plus refined imports for consumption minus refined exports minus refined stock change during period.

Table 9. U.S. consumption of purchased copper-base scrap.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, gross weight. Estimated data are marked with a superscript “e”. New scrap refers to material generated during the manufacturing process. Old scrap consists of copper items used by consumers.]

Period	Smelters and refineries		Ingot makers ^{e,1}		Brass and wire-rod mills ²		Foundries, etc. ^{e,1}		Total
	New scrap ^e	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2023									
January–November	19,000	17,700	10,200	35,800	666,000	37,300	9,630	28,400	824,000
November	1,730	1,590	930	3,260	61,000	2,810	875	2,580	74,800
December	1,730	1,610	930	3,260	60,600	2,370	875	2,580	73,900
January–December	20,700	19,300	11,200	39,100	727,000	39,700	10,500	31,000	898,000
2024									
January	1,730	1,590	930	3,260	60,500	4,260	875	2,580	75,700
February	1,730	1,590	930	3,260	60,600	3,440	875	2,580	75,000
March	1,730	1,600	930	3,260	58,800	3,500	875	2,580	73,300
April	1,730	1,600	930	3,260	62,600	3,680	875	2,580	77,300
May	1,730	1,590	930	3,260	65,700	3,800	875	2,580	80,400
June	1,730	1,600	930	3,260	65,400	2,780	875	2,580	79,100
July	1,730	1,620	930	3,260	63,500	2,720	875	2,580	77,200
August	1,730	1,620	930	3,260	64,100	3,640	875	2,580	78,800
September	1,730	1,630	930	3,260	63,300	3,590	875	2,580	77,900
October	1,730	1,630	930	3,260	65,300	4,320	875	2,580	80,600
November	1,730	1,620	930	3,260	65,600	4,290	875	2,580	80,900
January–November	19,000	17,700	10,200	35,800	695,000	40,000	9,630	28,400	856,000

¹Plants are surveyeded by the U.S. Geological Survey on an annual basis; data after 2022 not yet available. Data are estimated based on the monthly average of 2022 annual data.

²Consumption at brass and wire-rod mills assumed equal to receipts.

Table 10. Copper stocks in the United States at end of period.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, copper content. Estimated data are marked with a superscript “e”.]

Period	Blister and anodes	Refined copper						
		Refineries	Wire-rod mills	Brass mills	Other ^{e, 1}	COMEX ²	LME ³	Total refined
2023								
November	10,500	3,070	15,100	9,530	6,970	17,100	92,500	144,000
December	10,500	6,590	16,900	9,680	6,970	17,200	70,100	127,000
2024								
January	13,100	1,870	13,100	9,160	6,970	21,500	49,000	102,000
February	12,800	816	11,500	9,810	6,970	26,200	39,300	94,600
March	15,200	1,030	12,500	9,680	6,970	27,100	30,900	88,100
April	18,100	1,910	10,400	9,330	6,970	21,500	15,300	65,400
May	18,600	2,420	13,700	8,980	6,970	14,800	4,530	51,400
June	10,200	2,460	12,600	8,400	6,970	8,120	1,130	39,600
July	12,500	3,050	14,500	9,180	6,970	13,600	575	47,900
August	9,250	3,550	16,100	8,980	6,970	36,400	525	72,500
September	14,300	6,880	14,000	11,400	6,970	58,500	525	98,300
October	13,400	5,890	12,900	11,900	6,970	80,800	525	119,000
November	7,950	3,080	12,600	11,800	6,970	82,500	525	118,000

¹Chemical plants, foundries, ingot makers, and miscellaneous manufacturers. These plants are surveyed by the U.S. Geological Survey on an annual basis; data after 2022 not yet available. Data are estimated based on yearend 2022 stocks.

²Commodity Exchange Inc.

³London Metal Exchange Ltd., U.S. warehouses.

Table 11. Average prices for refined copper in the United States and on the London Metal Exchange.

[Data are in cents per pound. Source: S&P Global Platts Metals Week.]

Period	COMEX first position¹	U.S. producers cathode²	LME grade A cash³
2023			
November	371.836	379.211	370.743
December	385.153	392.653	380.729
January–December	385.749	395.297	384.772
2024			
January	381.207	389.107	378.455
February	379.663	388.038	376.937
March	397.643	406.143	393.496
April	436.091	444.991	430.075
May	477.507	487.757	459.417
June	452.313	464.313	437.296
July	435.248	446.248	426.067
August	409.561	420.561	406.566
September	423.280	434.280	419.748
October	438.463	449.463	432.672
November	417.455	428.455	411.602
January–November	422.585	432.669	415.666

¹Listed as “COMEX high grade first position.” COMEX refers to the Commodity Exchange Inc.²Sum of “COMEX high grade first position” and “NY dealer premium cathode.” Reflects the delivered spot price of copper cathode to U.S. consumers by U.S. producers.³LME refers to the London Metal Exchange Ltd.

Table 12. Average buying prices for copper scrap in the United States.
[Data are in cents per pound. Source: Fastmarkets-AMM.]

[Data are in cents per pound. Source: Fastmarkets AMM.]				
Period	Brass mills no. 1 scrap	Refiners no. 2 scrap	Dealers	
			No. 2 scrap	Red brass turnings and borings
2023				
November	363.50	337.00	280.00	183.00
December	377.50	351.00	292.50	188.00
January–December	376.99	352.36	297.63	169.96
2024				
January	373.21	346.79	294.00	185.50
February	371.20	346.55	297.50	181.50
March	390.05	368.18	300.50	189.00
April	427.39	405.77	315.00	194.00
May	467.27	445.55	345.00	208.00
June	440.95	412.97	356.50	212.50
July	425.39	394.64	350.00	199.00
August	400.30	370.50	312.50	194.00
September	417.25	391.40	318.50	205.00
October	430.39	404.46	327.50	209.50
November	407.63	381.63	321.00	212.00
January–November	413.73	388.04	321.64	199.09

Table 13. U.S. imports for consumption of unmanufactured copper.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, copper content. Source: U.S. Census Bureau.]

Country or locality	Ore and concentrates ¹			Matte, ash, and precipitates ²			Blister and anodes ³			Refined ⁴		
	2023	2024		2023	2024		2023	2024		2023	2024	
		November	January–November		November	January–November		November	January–November		November	January–November
Belgium	0	0	0	175	0	420	0	0	0	(⁵)	0	353
Canada	3,270	0	8	687	37	701	5	0	(⁵)	128,000	12,900	125,000
Chile	0	0	0	0	0	0	0	0	0	531,000	43,100	585,000
China	0	0	0	0	0	(⁵)	9	0	(⁵)	462	7	91
Congo (Kinshasa)	0	0	3	0	0	0	0	0	(⁵)	11,800	3,140	25,800
Finland	0	0	0	0	0	0	78	0	(⁵)	41	1	27
France	0	0	0	0	0	0	0	0	0	56	0	9
Germany	0	0	0	0	0	16	(⁵)	(⁵)	1	2,240	0	714
Hungary	34	0	29	0	0	0	0	0	0	0	0	0
Italy	0	0	0	2	0	0	0	(⁵)	(⁵)	(⁵)	(⁵)	2
Japan	1	0	(⁵)	0	0	0	(⁵)	0	(⁵)	1,880	106	1,480
Korea, Republic of	0	0	0	0	0	0	1	0	1	57	0	15
Malaysia	0	0	0	0	0	0	28	0	0	0	0	0
Mexico	2	0	0	24	1	11	0	0	0	14,000	0	10,700
Peru	0	0	0	0	0	0	0	0	0	79,500	4,160	59,200
Spain	0	0	0	203	0	52	0	0	(⁵)	(⁵)	(⁵)	(⁵)
United Kingdom	0	0	0	(⁵)	(⁵)	(⁵)	4	0	2	0	0	12
Zambia	0	0	0	0	0	0	0	0	0	2,040	0	2,760
Other	(⁵)	0	(⁵)	(⁵)	1	2	(⁵)	0	2	26	22	1,910
Total	3,300	0	40	1,090	39	1,200	125	(⁵)	6	771,000	63,400	813,000

¹Harmonized Tariff Schedule of the United States (HTS) code 2603.00.0010. Includes copper ore and concentrates only; excludes copper contained in ore and concentrates of other metals.²HTS codes 2620.30.0010 and 7401.00.0000. Includes copper matte, ash, and precipitates only; excludes the copper content of mattes and ashes of other metals.³HTS code 7402.00.0000.⁴HTS codes 7403.11.0000, 7403.12.0000, 7403.13.0000, and 7403.19.0000.⁵Less than ½ unit.

Table 14. U.S. exports of unmanufactured copper.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, copper content. Source: U.S. Census Bureau.]

Country or locality	Ore and concentrates ¹			Matte, ash, and precipitates ²			Blister and anodes ³			Refined ⁴		
	2023	2024		2023	2024		2023	2024		2023	2024	
		November	January–November		November	January–November		November	January–November		November	January–November
Belgium	126	0	234	5,140	448	4,820	647	0	87	140	0	79
Canada	42,500	2,620	35,700	3,120	170	6,940	25,100	3,650	45,600	9,120	1,380	16,500
China	53,900	3,570	43,100	422	0	5	935	0	71	660	10	760
Dominican Republic	193	1	13	86	0	111	0	0	0	18	0	30
Finland	3,450	0	0	0	0	0	0	8	8	0	0	0
Germany	0	0	3	293	78	449	245	0	51	2,380	53	131
India	9	561	566	38	0	0	274	0	127	37	0	16
Italy	0	0	0	2	0	0	129	0	131	3	(⁵)	9
Japan	4,260	0	0	87	0	34	53	0	30	4	(⁵)	5
Korea, Republic of	11	0	65	105	45	989	1,240	55	1,080	90	0	67
Malaysia	119	79	1,230	2,780	0	254	630	7	566	1,870	671	5,410
Mexico	227,000	19,500	205,000	1,560	0	40	130	1	18	15,700	6,740	40,100
Netherlands	0	0	0	65	0	49	0	0	0	2,020	0	997
Pakistan	0	0	0	0	0	0	1	0	4	598	0	0
Philippines	0	2	24	1,020	0	0	47	0	25	0	(⁵)	(⁵)
Poland	0	(⁵)	(⁵)	999	19	561	0	0	0	0	0	0
Singapore	5	0	(⁵)	181	0	2	2	0	0	80	6	19
Slovakia	0	0	0	393	21	230	0	0	0	0	0	0
Spain	0	2	4,960	2,620	112	1,850	178	0	212	218	0	38
Switzerland	1,200	0	0	0	0	0	18	0	16	5	(⁵)	3
Taiwan	6,000	0	953	18	0	14	45	0	20	14	0	0
Thailand	0	19	530	13	0	0	144	2	28	1	12	32
Turkey	0	0	0	159	0	159	40	0	20	0	0	20
United Arab Emirates	0	0	0	0	0	0	53	0	0	156	0	0
Other	132	19	43	207	567	3,650	338	50	565	85	1	191
Total	339,000	26,300	292,000	19,300	1,460	20,100	30,300	3,780	48,700	33,200	8,870	64,400

¹Schedule B of the United States code 2603.00.0010. Includes copper ore and concentrates only; excludes copper contained in ore and concentrates of other metals.²Schedule B codes 2620.30.0000, 7401.00.0010, and 7401.00.0050. Includes copper matte, ash, and precipitates only; excludes the copper content of mattes and ashes of other metals.³Schedule B code 7402.00.0000.⁴Schedule B codes 7403.11.0000, 7403.12.0000, 7403.13.0000, and 7403.19.0000.⁵Less than ½ unit.

Table 15. U.S. imports for consumption of copper scrap.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, gross weight. Source: U.S. Census Bureau.]

Country or locality	Unalloyed ¹			Alloyed ²		
	2023	2024		2023	2024	
		November	January–November		November	January–November
Antigua and Barbuda	0	0	0	139	14	192
Bahamas, The	0	0	1	606	54	497
Barbados	0	0	0	168	19	210
Bermuda	27	0	20	107	9	96
Bolivia	0	21	472	99	2	251
Brazil	113	0	42	230	2	21
Canada	15,100	1,540	15,700	32,200	2,870	40,600
Cayman Islands	0	0	4	214	5	211
Colombia	150	0	305	131	0	119
Costa Rica	829	41	767	1,020	134	1,400
Curacao	0	0	0	134	29	264
Dominican Republic	1,020	31	716	1,330	56	1,080
Ecuador	0	0	219	120	9	358
El Salvador	0	19	55	861	67	741
Germany	502	29	674	85	0	168
Grenada	0	0	0	155	33	239
Guatemala	0	0	0	280	10	247
Guyana	0	0	0	80	51	156
Haiti	0	0	0	192	0	288
Honduras	49	2	134	1,140	137	1,350
Jamaica	5	1	1	396	19	271
Mexico	12,900	888	13,100	45,000	3,130	42,200
Panama	961	154	1,430	627	80	1,120
Peru	0	0	99	96	0	195
Poland	73	10	19	0	0	0
Sint Maarten	0	0	0	256	53	408
Saint Lucia	0	0	4	181	16	154
Saint Vincent and the Grenadines	0	0	0	133	12	90
Suriname	264	0	164	83	17	122
Venezuela	0	0	0	145	65	400
Other	71	110	532	308	170	1,160
Total	32,000	2,840	34,500	86,500	7,070	94,600

¹Harmonized Tariff Schedule of the United States (HTS) codes 7404.00.3020 and 7404.00.6020.

²HTS codes 7404.00.3045, 7404.00.3055, 7404.00.3065, 7404.00.3090, 7404.00.6045, 7404.00.6055, 7404.00.6065, and 7404.00.6090.

Table 16. U.S. exports of copper scrap.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, gross weight. Source: U.S. Census Bureau.]

Country or locality	Unalloyed ¹							Alloyed ²				
	2023	2024						2023	2024			
		No. 1		No. 2		Other			Segregated		Unsegregated	
		November	January– November	November	January– November	November	January– November		November	January– November	November	January– November
Austria	930	0	0	409	2,180	0	1	1,850	0	20	0	333
Belgium	26,700	920	11,800	719	8,820	501	5,130	7,420	105	1,050	873	7,910
Cambodia	0	0	0	0	0	0	0	935	0	0	0	1,010
Canada	69,700	0	0	0	0	6,120	70,100	26,000	0	0	3,150	25,700
China	288,000	9,350	96,500	5,110	53,300	18,100	179,000	37,700	1,960	18,800	1,040	13,600
Germany	19,100	284	7,070	325	1,700	305	3,630	11,800	0	133	1,070	8,130
Greece	5,620	119	1,540	81	115	196	770	1,570	0	20	0	144
Hong Kong	18,100	382	1,750	1,110	11,800	794	4,720	3,710	213	731	15	1,340
India	19,500	920	9,060	249	3,250	747	6,150	54,000	1,550	17,300	3,940	32,700
Japan	18,500	1,010	5,790	706	5,350	557	6,640	6,420	121	1,100	278	3,940
Korea, Republic of	26,200	496	7,470	297	4,580	304	5,990	13,400	100	1,900	952	6,310
Malaysia	31,100	1,500	12,500	781	10,900	441	10,800	41,000	674	5,460	1,310	29,400
Mexico	2,660	266	2,840	(³)	3	2	172	1,860	30	278	20	429
Netherlands	2,210	40	833	120	793	0	117	1,030	48	281	297	1,490
Pakistan	524	40	227	0	1,400	0	107	16,900	0	1,260	1,590	17,900
Philippines	1,020	0	24	0	0	(³)	(³)	780	8	79	0	433
Poland	14,000	254	2,310	0	0	499	4,410	466	0	0	349	701
Singapore	1,750	0	20	0	0	0	110	402	15	15	0	609
Slovakia	800	19	422	0	255	0	0	1,570	0	1,250	41	842
Spain	1,650	136	805	0	552	0	389	4,620	20	663	20	3,210
Taiwan	9,190	76	3,230	0	174	565	6,000	4,220	49	462	422	3,510
Thailand	31,600	805	9,930	323	2,890	3,120	29,500	35,400	221	3,010	5,810	36,000
Turkey	572	60	738	0	0	96	306	1,140	20	234	477	1,270
United Arab Emirates	314	0	40	0	0	0	45	7,620	0	40	43	333
Vietnam	2,370	96	388	0	20	0	364	309	19	78	19	19
Other	1,830	40	469	0	326	59	497	1,530	60	482	139	1,640
Total	594,000	16,800	176,000	10,200	108,000	32,500	335,000	284,000	5,200	54,600	21,800	199,000

¹Schedule B of the United States codes 7404.00.0010 and 7404.00.0015 (no. 1), 7404.00.0025 (no. 2), and 7404.00.0030 (other).²Schedule B codes for segregated copper-alloy scrap are 7404.00.0041, 7404.00.0046, 7404.00.0051, 7404.00.0056, 7404.00.0061, 7404.00.0066, and 7404.00.0075. Schedule B codes for unsegregated copper-alloy scrap are 7404.00.0085 and 7404.00.0095.³Less than ½ unit.