Mineral Industry Surveys

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COPPER IN DECEMBER 2024

In December 2024, U.S. mines produced 91,600 metric tons (t) of recoverable copper. The average daily mine production was 2,950 t, an increase of 3% from that in November and 9% less than that in December 2023 (fig. 1). Total mine output of recoverable copper in 2024 was 1.06 million metric tons, a decrease of 6% compared with that in 2023 (table 2).

In 2024, the largest decreases in copper production at domestic mines were at Freeport-McMoRan Inc.'s Morenci Mine in Arizona and Rio Tinto Group's Bingham Canyon Mine in Utah. Mined copper output was 318,000 t at Morenci, 12% less than 362,000 t in 2023. Total recoverable copper production at Freeport's seven mines in Arizona and New Mexico declined by 59,400 t (8%) from that in 2023 because of lower ore grades and operating rates (Freeport-McMoRan Inc., 2025, p. 32–33, 94). At Bingham Canyon, instabilities in a wall of the open pit resulted in increased processing of lower grade stockpiled ore, and production of copper in concentrate decreased by 28,200 t (19%) compared with that in 2023. Rio Tinto expected that production would continue to be impacted in 2025 and 2026 (Rio Tinto Group, 2025, p. 15, 29). The most significant increase in mined copper production in 2024 was at the Robinson Mine in Nevada, owned by KGHM Polska Miedź S.A. Group. Output of copper in concentrate was higher by 20,600 t (52%) than that in 2023, when operations were affected by machinery issues and mining of an ore transition zone with a low copper content (KGHM Polska Miedź S.A. Group, 2024, p. 237; 2025, p. 96).

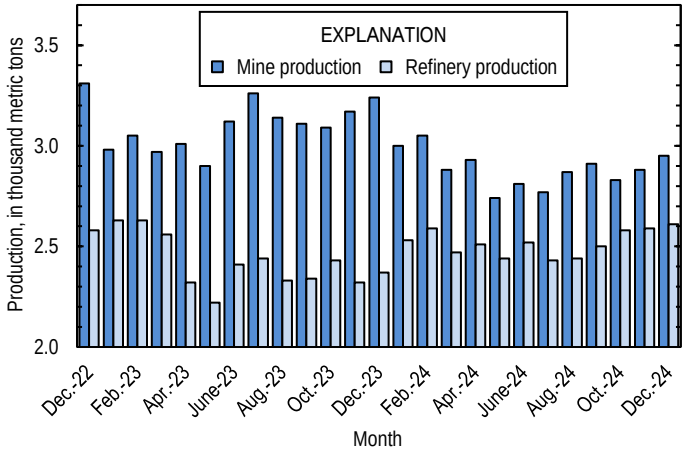

Figure 1. Average daily copper mine (recoverable) and refinery (primary and secondary) production in the United States from December 2022 through December 2024.

Production of anodes at primary and secondary copper smelters in the United States was 35,900 t in December 2024. Full-year smelter output was 456,000 t, an increase of 21% from that in 2023 (table 3).

Domestic refineries produced 81,000 t of copper in December 2024; data for electrolytic and electrowon output, as well as refined production from scrap, are reported in table 4. The average daily production of refined copper was 2,610 t compared with 2,590 t in November and was 10% greater than that in December 2023 (fig. 1). Total refinery output in 2024 increased by 4% to 921,000 t from 882,000 t in 2023, when Rio Tinto performed the most extensive rebuild in its history of the Kennecott smelter and electrolytic refinery in Utah (Rio Tinto Group, 2023, p. 13).

Prices

In December 2024, the average Commodity Exchange Inc. (COMEX) copper price was $4.11 per pound, slightly less than $4.17 per pound in November and an increase of 7% from $3.85 per pound in December 2023. The average full-year COMEX price in 2024 was $4.22 per pound, 9% greater than $3.86 per pound in 2023 (fig. 2, table 11). Analysts attributed the higher annual price in 2024 to multiple factors, such as expectations for reduced global copper supply, optimistic sentiment regarding world copper demand, strong manufacturing production in China, and decreasing inflation in the United States. The monthly average COMEX copper price decreased significantly in the last two months of 2024 owing to strengthening of the U.S. dollar relative to other global currencies and uncertainty regarding worldwide copper demand in the near future (Mackenzie, 2024; Silva and Barreto, 2024).

The average U.S. dealers buying price of number 2 copper scrap was $3.16 per pound in December 2024, a slight decline compared with $3.21 per pound in November and an increase of 8% from $2.93 per pound in December 2023. The annual average number 2 copper scrap price in 2024 was $3.21 per pound, 8% greater than $2.98 per pound in 2023 (fig. 2, table 12).

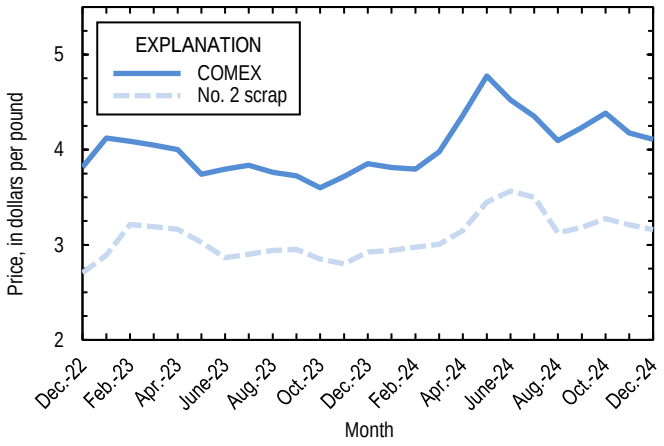

Figure 2. Monthly average Commodity Exchange Inc. (COMEX) copper price and no. 2 copper scrap U.S. dealers buying price from December 2022 through December 2024. Sources: Fastmarkets-AMM and S&P Global Platts Metals Week.

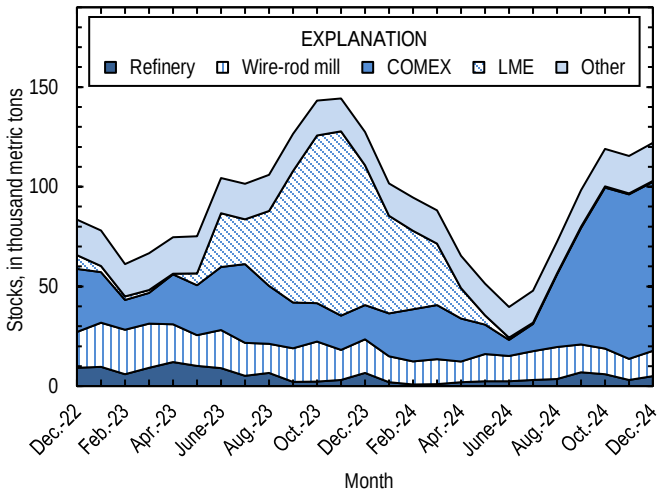

Figure 3. Domestic refined copper stocks at end of month, by type, from December 2022 through December 2024. Sources: London Metal Exchange Ltd. (LME), S&P Global Platts Metals Week, and U.S. Geological Survey.

Stocks

Refined copper stocks in the United States totaled 122,000 t at the end of December 2024, an increase of 6% from those at the end of November and 4% less than those at the end of December 2023. Stocks at exchanges [COMEX and London Metal Exchange Ltd. (LME)] and stocks at producers and fabricators (brass mills, refineries, wire-rod mills, and other manufacturers) increased by 3% (2,190 t) and 14% (4,470 t), respectively, compared with those at the end of November (fig. 3, table 10). The domestic LME stock quantity remained near the all-time low at the end of December 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).

Industry News

Indonesia.—Owing to damage caused by a fire, Freeport-McMoRan halted operations at the recently constructed Manyar copper smelter and refinery on October 14. Freeport's license to export copper concentrate from Indonesia was due to expire by yearend 2024, when the smelter was originally projected to reach full production capacity. On December 18, the Minister of Energy and Natural Resources announced that the Government would not grant a request by the company to continue exporting concentrate beyond the expiration date. Operations at the smelter were not expected to resume until the third quarter of 2025 (Choo, 2024; Febrianna, 2024). If not resolved, the stoppage of the Manyar smelter and the lack of an export permit would potentially affect production of copper concentrate at the Grasberg Mine, one of the leading copper mines in the world.

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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 and revised data are marked with a superscript "e" and "r".]

Copper statistic	Source table[1]	2023	2024			
			October	November	December	January–December
Primary production (from ore)						
Mine, recoverable[2]	([2])	1,130,000	87,600 [r]	86,300 [r]	91,600	1,060,000
Smelter[3]	([3])	378,000	35,900 [r]	35,900 [r]	35,900	456,000
Refinery, electrolytic	([4])	327,000	37,600 [r]	37,600 [r]	37,600	423,000
Refinery, electrowon	([4])	516,000	39,100 [r]	36,700 [r]	40,000	459,000
Total refinery	([4])	843,000	76,700 [r]	74,300 [r]	77,600	882,000
Secondary production (from copper-base scrap)[4]						
Refineries[5]	([5])	38,900	3,260	3,240	3,400	39,000
Ingot makers[e, 6]	([5])	37,400	3,120	3,120	3,120	37,400
Brass and wire-rod mills	([5])	668,000	61,400	61,800	52,500	698,000
Foundries, etc.[e, 6]	([5])	35,200	2,930	2,930	2,930	35,200
Consumption						
Reported, refined copper	([7])	1,570,000	135,000	130,000 [r]	110,000	1,570,000
Apparent, primary refined copper and copper from old scrap[7]	([8])	1,680,000	123,000 [r]	146,000 [r]	169,000	1,870,000
Reported, purchased copper-base scrap (gross weight)	([9])	898,000	80,600	80,900	71,700	928,000
Stocks at end of period						
Blister and anodes	([10])	10,500	13,400	7,950	10,300	10,300
Refined[8]	([10])	127,000	119,000	116,000 [r]	122,000	122,000
Prices (cents per pound)[9]						
Commodity Exchange Inc. (COMEX)	([11])	385.749	438.463	417.455	410.843	421.606
U.S. producers cathode[10]	([11])	395.297	449.463	428.455	421.843	431.767
Imports for consumption[11]						
Ore and concentrates	([13])	3,300	0	0	0	40
Refined	([13])	771,000	59,900	63,400	94,400	908,000
Exports[11]						
Ore and concentrates	([14])	339,000	23,500	26,300	32,700	325,000
Refined	([14])	33,200	5,920	8,870	7,360	71,800

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

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

[3]Primary and secondary production.

[4]Copper 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.

[5]Electrolytically refined and fire-refined copper.

[6]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.

[7]Primary 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.

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

[9]Source: S&P Global Platts Metals Week.

[10]Sum 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.

[11]Source: 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. Revised data are marked with a superscript "r".]

Period	Recoverable copper[1]			Contained copper		
	Arizona	Others[2]	Total	Electrowon	Concentrates[3]	Total
2023						
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	28,100 r	92,900 r	40,000	55,000 r	95,000 r
February	60,800 r	27,600 r	88,400 r	36,900	53,500 r	90,400 r
March	60,900 r	28,200 r	89,200 r	38,300	52,800 r	91,200 r
April	61,500 r	26,500 r	88,000 r	37,100	53,000 r	90,100 r
May	59,800 r	25,200 r	85,000 r	37,500	49,300 r	86,800 r
June	60,700 r	23,600 r	84,300 r	37,400	48,700 r	86,100 r
July	62,500 r	23,500 r	86,000 r	38,900 r	49,000 r	87,900 r
August	63,500 r	25,300 r	88,800 r	39,200 r	51,600 r	90,800 r
September	62,300 r	25,100 r	87,400 r	38,300 r	51,000 r	89,300 r
October	61,700 r	25,900 r	87,600 r	39,100 r	50,400 r	89,500 r
November	60,000 r	26,300 r	86,300 r	36,700 r	51,500 r	88,300 r
December	64,500	27,100	91,600	40,000	53,600	93,600
January–December	743,000	312,000	1,060,000	459,000	619,000	1,080,000

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

[2]Includes production from Alaska, Michigan, Missouri, Montana, Nevada, New Mexico, and Utah.

[3]Also 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. Revised data are marked with a superscript "r".]

Period	Anode production[1]
2023	
December	36,000
January–December	378,000
2024	
January	40,400 r
February	40,400 r
March	40,400 r
April	39,700 r
May	39,700 r
June	39,700 r
July	35,800 r
August	35,800 r
September	35,800 r
October	35,900 r
November	35,900 r
December	35,900
January–December	456,000

[1]Data consist of primary production from 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. Revised data are marked with a superscript "r".]

Period	From primary materials			From scrap[2]	Total refined
	Electrolytic[1]	Electrowon	Total primary		
			2023		
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	35,100 r	40,000	75,100 r	3,220	78,300 r
February	35,100 r	36,900	72,000 r	3,220	75,200 r
March	35,100 r	38,300	73,400 r	3,220	76,700 r
April	35,000 r	37,100	72,100 r	3,230	75,300 r
May	35,000 r	37,500	72,500 r	3,220	75,700 r
June	35,000 r	37,400	72,400 r	3,220	75,600 r
July	33,300 r	38,900 r	72,200 r	3,240	75,400 r
August	33,300 r	39,200 r	72,500 r	3,250	75,700 r
September	33,300 r	38,300 r	71,600 r	3,260	74,900 r
October	37,600 r	39,100 r	76,700 r	3,260	80,000 r
November	37,600 r	36,700 r	74,300 r	3,240	77,600 r
December	37,600	40,000	77,600	3,400	81,000
January–December	423,000	459,000	882,000	39,000	921,000

[1]Primary electrolytic production data are from company reports.

[2]Electrolytically 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									
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
December	1,680	1,730	350	2,770	50,300	2,220	740	2,190	62,000
January–December	20,100	18,900	4,200	33,200	657,000	40,800	8,880	26,300	809,000

[1]Electrolytically refined and fire refined from scrap based on source of material at smelter or refinery level.
[2]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.
[3]Does 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. Revised data are marked with a superscript "r".]

Period	Production		Shipments		Stocks, end of period	
	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
			2023			
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	101,000 r	76,600 r	100,000 r	31,000 r	26,500 r
December	76,500	81,100	75,900	80,900	31,600	26,700
January–December	897,000	1,240,000	899,000	1,230,000	31,600	26,700

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 and revised data are marked with a superscript "e" and "r".]

Period	Brass mills	Wire-rod mills	Other plants[e, 1]	Total
		2023		
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	96,700 [r]	3,470	130,000 [r]
December	29,200	77,100	3,470	110,000
January–December	356,000	1,180,000	41,600	1,570,000

[1]Chemical 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. Revised data are marked with a superscript "r".]

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						
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	75,100 r	13,100	90,100	4,540	-25,800	200,000 r
February	72,000 r	12,400	39,700	4,870	-7,080	126,000 r
March	73,400 r	12,400	50,100	4,780	-6,400	138,000 r
April	72,100 r	12,600	43,800	5,880	-22,700	145,000 r
May	72,500 r	12,700	70,000	4,430	-14,100	165,000 r
June	72,400 r	11,800	52,500	3,320	-11,700	145,000 r
July	72,200 r	11,700	106,000	6,450	8,310	175,000 r
August	72,500 r	12,600	117,000	8,020	24,600	169,000 r
September	71,600 r	12,500	121,000	7,340	25,800	172,000 r
October	76,700 r	13,300	59,900	5,920	20,700	123,000 r
November	74,300 r	13,300	63,400	8,870	-3,440 r	146,000 r
December	77,600	11,500	94,400	7,360	6,660	169,000
January–December	882,000	150,000	908,000	71,800	-5,270	1,870,000

[1]Copper 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.

[2]Source: 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.

[3]Primary 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									
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
December	1,730	1,780	930	3,260	58,300	2,290	875	2,580	71,700
January–December	20,700	19,400	11,200	39,100	754,000	42,300	10,500	31,000	928,000

[1]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.

[2]Consumption 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 and revised data are marked with a superscript "e" and "r".]

Period	Blister and anodes	Refined copper						
		Refineries	Wire-rod mills	Brass mills	Other[e, 1]	COMEX[2]	LME[3]	Total refined
				2023				
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	10,600 [r]	11,800	6,970	82,500	525	116,000 [r]
December	10,300	4,950	12,800	12,200	6,970	84,700	525	122,000

[1]Chemical 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.

[2]Commodity Exchange Inc.

[3]London 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 position[1]	U.S. producers cathode[2]	LME grade A cash[3]
2023			
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
December	410.843	421.843	404.566
January–December	421.606	431.767	414.741

[1]Listed as "COMEX high grade first position." COMEX refers to the Commodity Exchange Inc.
[2]Sum 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.
[3]LME 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.]

Period	Brass mills no. 1 scrap	Refiners no. 2 scrap	Dealers	
			No. 2 scrap	Red brass turnings and borings
2023				
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
December	402.48	375.33	316.00	209.00
January–December	412.79	386.98	321.17	199.92

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	
		December	January–December		December	January–December		December	January–December		December	January–December
Belgium	0	0	0	175	0	420	0	0	0	(5)	0	353
Canada	3,270	0	8	687	50	750	5	0	(5)	128,000	14,600	139,000
Chile	0	0	0	0	0	0	0	0	0	531,000	64,200	650,000
China	0	0	0	0	0	(5)	9	8	8	462	0	91
Congo (Kinshasa)	0	0	3	0	0	0	0	0	(5)	11,800	5,760	31,600
Finland	0	0	0	0	0	0	78	0	(5)	41	0	27
France	0	0	0	0	0	0	0	0	0	56	0	9
Germany	0	0	0	0	(5)	16	(5)	0	1	2,240	1	716
Hungary	34	0	29	0	0	0	0	0	0	0	0	0
Italy	0	0	0	2	(5)	(5)	0	0	(5)	(5)	0	2
Japan	1	0	(5)	0	0	0	(5)	0	(5)	1,880	36	1,520
Korea, Republic of	0	0	0	0	0	0	1	0	1	57	2	17
Malaysia	0	0	0	0	0	0	28	0	0	0	0	0
Mexico	2	0	0	24	(5)	11	0	0	0	14,000	6,600	17,300
Peru	0	0	0	0	0	0	0	0	0	79,500	2,860	62,100
Spain	0	0	0	203	0	52	0	0	(5)	(5)	0	(5)
United Kingdom	0	0	0	(5)	0	(5)	4	(5)	2	0	0	12
Zambia	0	0	0	0	0	0	0	0	0	2,040	0	2,760
Other	(5)	0	(5)	(5)	0	2	(5)	0	2	26	420	2,330
Total	3,300	0	40	1,090	50	1,250	125	8	14	771,000	94,400	908,000

[1]Harmonized 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.

[2]HTS 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.

[3]HTS code 7402.00.0000.

[4]HTS codes 7403.11.0000, 7403.12.0000, 7403.13.0000, and 7403.19.0000.

[5]Less 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	
		December	January–December		December	January–December		December	January–December		December	January–December
Belgium	126	123	357	5,140	410	5,230	647	0	87	140	0	79
Canada	42,500	3,020	38,700	3,120	548	7,480	25,100	2,210	47,800	9,120	795	17,300
China	53,900	5,100	48,200	422	0	5	935	0	71	660	175	935
Dominican Republic	193	79	92	86	0	111	0	0	0	18	(5)	31
Finland	3,450	0	0	0	0	0	0	0	8	0	0	0
Germany	0	0	3	293	0	449	245	0	51	2,380	0	131
India	9	0	566	38	0	0	274	0	127	37	0	16
Italy	0	0	0	2	7	7	129	22	153	3	(5)	9
Japan	4,260	0	0	87	0	34	53	0	30	4	(5)	5
Korea, Republic of	11	0	65	105	0	989	1,240	101	1,180	90	0	67
Malaysia	119	5	1,230	2,780	10	265	630	53	618	1,870	267	5,670
Mexico	227,000	24,400	229,000	1,560	0	40	130	(5)	19	15,700	6,100	46,200
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	0	24	1,020	0	0	47	0	25	0	0	(5)
Poland	0	0	(5)	999	20	581	0	0	0	0	0	0
Singapore	5	0	(5)	181	0	2	2	0	0	80	1	21
Slovakia	0	0	0	393	12	242	0	0	0	0	0	0
Spain	0	0	4,960	2,620	57	1,900	178	0	212	218	0	38
Switzerland	1,200	0	0	0	0	0	18	0	16	5	0	3
Taiwan	6,000	0	953	18	1	15	45	0	20	14	0	0
Thailand	0	0	530	13	0	0	144	0	28	1	5	36
Turkey	0	0	0	159	0	159	40	20	40	0	0	20
United Arab Emirates	0	0	0	0	0	0	53	0	0	156	0	0
Other	132	1	44	207	198	3,850	338	15	580	85	16	207
Total	339,000	32,700	325,000	19,300	1,260	21,400	30,300	2,420	51,100	33,200	7,360	71,800

[1]Schedule 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.

[2]Schedule 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.

[3]Schedule B code 7402.00.0000.

[4]Schedule B codes 7403.11.0000, 7403.12.0000, 7403.13.0000, and 7403.19.0000.

[5]Less 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	
		December	January–December		December	January–December
Antigua and Barbuda	0	0	0	139	43	234
Bahamas, The	0	([3])	1	606	66	563
Barbados	0	0	0	168	2	212
Bermuda	27	0	20	107	7	103
Bolivia	0	17	489	99	7	258
Brazil	113	0	42	230	0	21
Canada	15,100	1,120	16,800	32,200	2,620	43,200
Cayman Islands	0	0	4	214	22	233
Colombia	150	39	344	131	0	119
Costa Rica	829	64	830	1,020	83	1,480
Curacao	0	0	0	134	12	277
Dominican Republic	1,020	68	784	1,330	189	1,270
Ecuador	0	20	239	120	0	358
El Salvador	0	18	73	861	76	817
Germany	502	53	727	85	0	168
Grenada	0	0	0	155	16	255
Guatemala	0	0	0	280	6	253
Guyana	0	0	0	80	0	156
Haiti	0	0	0	192	0	288
Honduras	49	4	138	1,140	113	1,460
Jamaica	5	0	1	396	43	314
Mexico	12,900	1,180	14,300	45,000	3,900	46,100
Panama	961	143	1,570	627	145	1,260
Peru	0	0	99	96	0	195
Poland	73	31	50	0	0	0
Sint Maarten	0	0	0	256	37	445
Saint Lucia	0	0	4	181	21	175
Saint Vincent and the Grenadines	0	0	0	133	7	97
Suriname	264	20	183	83	22	144
Venezuela	0	0	0	145	68	468
Other	71	127	659	308	71	1,240
Total	32,000	2,900	37,400	86,500	7,580	102,000

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

[2]HTS 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.

[3]Less than ½ unit.

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	
		December	January–December	December	January–December	December	January–December		December	January–December	December	January–December
Austria	930	59	59	227	2,410	0	1	1,850	0	20	18	351
Belgium	26,700	962	12,700	663	9,480	163	5,290	7,420	79	1,130	1,240	9,150
Cambodia	0	0	0	0	0	0	0	935	0	0	0	1,010
Canada	69,700	0	0	0	0	5,100	75,200	26,000	0	0	2,310	28,000
China	288,000	9,420	106,000	3,960	57,300	17,100	196,000	37,700	1,500	20,300	2,000	15,600
Germany	19,100	278	7,350	0	1,700	443	4,070	11,800	0	133	1,050	9,180
Greece	5,620	118	1,660	19	134	727	1,500	1,570	0	20	258	402
Hong Kong	18,100	213	1,970	1,020	12,800	300	5,020	3,710	87	818	131	1,470
India	19,500	631	9,690	156	3,400	434	6,580	54,000	2,240	19,500	2,760	35,400
Japan	18,500	656	6,450	386	5,740	591	7,230	6,420	143	1,240	376	4,320
Korea, Republic of	26,200	530	8,000	235	4,820	689	6,680	13,400	76	1,970	312	6,620
Malaysia	31,100	1,200	13,700	595	11,500	374	11,100	41,000	386	5,840	722	30,100
Mexico	2,660	204	3,040	1	4	0	172	1,860	10	288	32	462
Netherlands	2,210	44	877	59	852	0	117	1,030	0	281	163	1,660
Pakistan	524	0	227	55	1,460	0	107	16,900	0	1,260	1,550	19,400
Philippines	1,020	0	24	0	0	0	([3])	780	6	85	0	433
Poland	14,000	58	2,370	0	0	2,020	6,420	466	0	0	0	701
Singapore	1,750	0	20	0	0	0	110	402	0	15	0	609
Slovakia	800	17	439	0	255	0	0	1,570	0	1,250	28	870
Spain	1,650	17	822	0	552	0	389	4,620	58	722	36	3,240
Taiwan	9,190	233	3,460	0	174	510	6,510	4,220	23	485	310	3,820
Thailand	31,600	1,480	11,400	596	3,490	3,860	33,400	35,400	389	3,400	6,950	42,900
Turkey	572	8	746	0	0	58	364	1,140	0	234	80	1,350
United Arab Emirates	314	0	40	0	0	0	45	7,620	0	40	0	333
Vietnam	2,370	371	759	103	124	19	383	309	24	102	18	37
Other	1,830	39	509	20	346	56	553	1,530	4	486	417	2,060
Total	594,000	16,500	192,000	8,090	116,000	32,400	367,000	284,000	5,020	59,600	20,800	220,000

[1]Schedule 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).

[2]Schedule 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.

[3]Less than ½ unit.