Mineral Industry Surveys

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COPPER IN JANUARY 2024

Domestic mine production of recoverable copper was 106,000 metric tons (t) in January 2024 (table 2). The average daily mine output was 3,430 t, an increase of 9% from that in December 2023 and 15% greater than that in January 2023 (fig. 1).

Production of anodes at copper smelters in the United States was 35,000 t (estimated) in January 2024 (table 3). Total U.S. refinery production of copper was 84,300 t; data for electrolytic and electrowon output, as well as refined production from scrap, are reported in table 4. The average daily refinery production was 2,720 t, an increase of 15% from that in December 2023 and 3% higher than that in January 2023 (fig. 1). Domestic refined copper output in 2023 was affected by a major rebuild of Rio Tinto Group's smelter and electrolytic refinery near Salt Lake City, UT, that began in May and was completed in October. The company expected to conclude the rampup of both facilities in the first quarter of 2024 (Rio Tinto Group, 2023a, p. 14; 2023b, p. 13; 2024, p. 15).

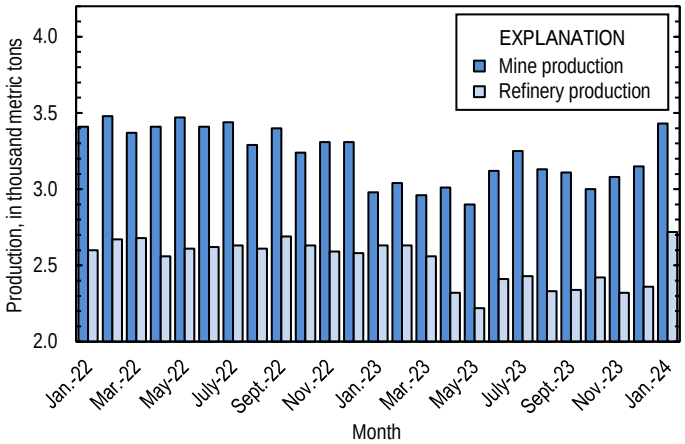

Figure 1. Average daily copper mine (recoverable) and refinery (primary and secondary) production in the United States from January 2022 through January 2024.

Prices

In January 2024, the average Commodity Exchange Inc. (COMEX) copper price was $3.81 per pound, essentially unchanged from $3.85 per pound in December 2023 and a decrease of 8% compared with $4.12 per pound in January 2023 (fig. 2, table 11). The average U.S. dealers buying price of number 2 copper scrap was $2.94 per pound in January 2024, essentially unchanged from $2.93 per pound in December 2023 and slightly greater than $2.89 per pound in January 2023 (fig. 2, table 12).

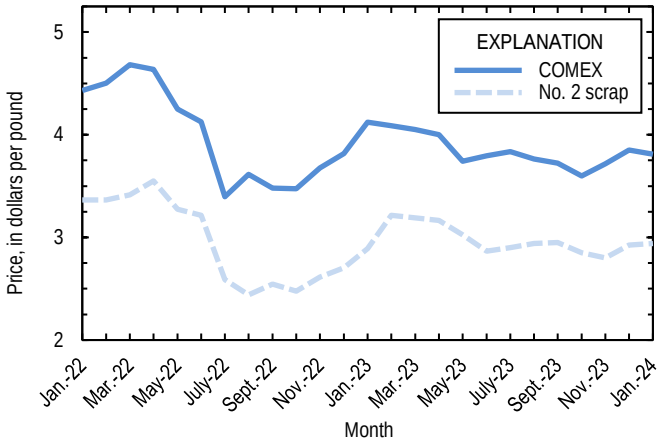

Figure 2. Monthly average Commodity Exchange Inc. (COMEX) copper price and no. 2 copper scrap U.S. dealers buying price from January 2022 through January 2024. Sources: Fastmarkets-AMM and S&P Global Platts Metals Week.

Stocks

Refined copper stocks in the United States totaled 102,000 t as of the end of January 2024, 20% less than those in December 2023 and an increase of 30% from those in January 2023. Stocks at producers and fabricators (brass mills, refineries, wire-rod mills, and other manufacturers) were lower by 9,080 t (23%) and stocks at exchanges (COMEX and London Metal Exchange Ltd.) decreased by 16,800 t (19%) compared with those at the end of December 2023 (fig. 3, table 10).

Industry News

United States.—On January 17, Wieland Group announced an investment of $500 million to modernize its brass mill in East Alton, IL, subject to the approval of state and local incentives. The project plan included the installation of a new hot rolling mill that would increase production of copper products at the facility, but specific details about the expected additional capacity were not provided (Wieland Group, 2024).

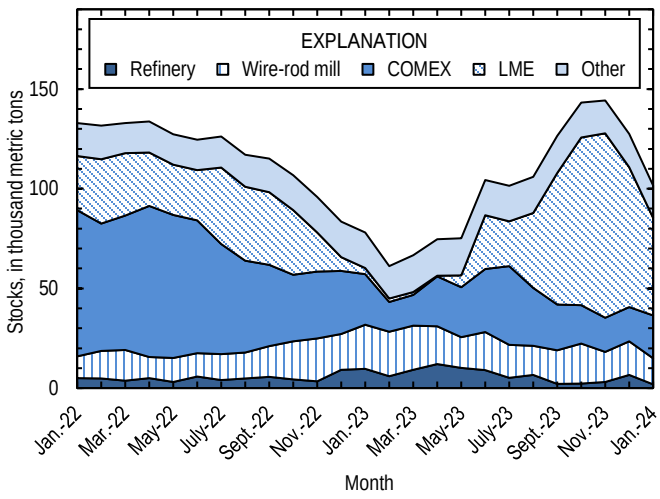

Figure 3. Domestic refined copper stocks at end of month, by type, from January 2022 through January 2024. Sources: London Metal Exchange Ltd., S&P Global Platts Metals Week, and U.S. Geological Survey.

References Cited

Rio Tinto Group, 2023a, Rio Tinto releases second quarter production results: London, United Kingdom, Rio Tinto Group media release, July 19, 31 p. (Accessed August 9, 2023, at https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-second-quarter-operations-review-2023-pdf.pdf?rev=7fbf74899c2043d6ba526ffd63b9fb77.)

Rio Tinto Group, 2023b, Rio Tinto releases third quarter production results: London, United Kingdom, Rio Tinto Group media release, October 17, 29 p. (Accessed October 26, 2023, at https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-third-quarter-operations-review-2023-pdf.pdf?rev=0124283449a1418ca020e1bf8456634d.)

Rio Tinto Group, 2024, Rio Tinto releases fourth quarter production results: London, United Kingdom, Rio Tinto Group media release, January 16, 31 p. (Accessed February 9, 2024, at https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-2023-4qor.pdf?rev=dff506df74ef4e2fad7475d0afc6a03e.)

Wieland Group, 2024, Wieland unveils $500 million modernization and expansion project in East Alton, IL: Ulm, Germany, Wieland Group news release, January 17. (Accessed April 11, 2024, at https://www.wieland.com/en/about/news/wieland-unveils-500-million-modernization-and-expansion-project-in-east-alton-il.)

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

Copper statistic	Source table[1]	2022	2023[p]			2024 January
			November	December	January–December	
Primary production (from ore)						
Mine, recoverable[2]	([2])	1,230,000	92,400 [r]	97,700 [r]	1,120,000 [r]	106,000
Smelter[3]	([3])	354,000	36,000	36,000	378,000	35,000 [e]
Refinery, electrolytic	([4])	362,000	28,900	28,900	327,000	30,000 [e]
Refinery, electrowon	([4])	555,000	37,500 [r]	41,100	515,000	51,100
Total refinery	([4])	917,000	66,400 [r]	70,000	842,000	81,100
Secondary production (from copper-base scrap)[4]						
Refineries[5]	([5])	40,000	3,220	3,240	38,900	3,220
Ingot makers[6]	([5])	37,400 [r]	3,120 [e, r]	3,120 [e, r]	37,400 [e, r]	3,120 [e]
Brass and wire-rod mills	([5])	650,000	55,700	54,800	668,000	58,800
Foundries, etc.[6]	([5])	35,200 [r]	2,930 [e, r]	2,930 [e, r]	35,200 [e, r]	2,930 [e]
Consumption						
Reported, refined copper	([7])	1,710,000 [r]	122,000	121,000	1,570,000 [r]	140,000
Apparent, primary refined copper and copper from old scrap[7]	([8])	1,810,000 [r]	102,000	121,000	1,680,000	206,000
Reported, purchased copper-base scrap (gross weight)	([9])	882,000 [r]	75,000 [r]	73,900 [r]	898,000 [r]	78,100
Stocks at end of period						
Blister and anodes	([10])	13,300	10,500	10,500	10,500	12,000
Refined[8]	([10])	83,500 [r]	144,000 [r]	127,000	127,000	102,000
Prices (cents per pound)[9]						
Commodity Exchange Inc. (COMEX)	([11])	400.719	371.836	385.153	385.749	381.207
U.S. producers cathode[10]	([11])	410.775	379.211	392.653	395.297	389.107
Imports for consumption[11]						
Ore and concentrates	([13])	11,700	15	([12])	3,300	0
Refined	([13])	732,000	30,000	26,800	771,000	90,100
Exports[11]						
Ore and concentrates	([14])	353,000	21,900	25,500	341,000	24,100
Refined	([14])	27,600	4,870	3,540	34,400	4,540

[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]Data in 2022 reflect primary production only. Data in 2023 and 2024 consist of 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 in 2023 and 2024 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.

[12]Less than ½ unit.

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

Period	Recoverable copper[1]			Contained copper		
	Arizona	Others[2]	Total	Electrowon	Concentrates[3]	Total
2023[p]						
January	67,400	25,000	92,400	45,500	48,800	94,300
February	62,000	23,200	85,200	37,800	49,400	87,200
March	67,800	24,100	91,900	43,300	50,500	93,800 [r]
April	67,300	23,000	90,300	43,400	48,800	92,300
May	65,000 [r]	24,800	89,900 [r]	42,500 [r]	49,300 [r]	91,800 [r]
June	70,000 [r]	23,600	93,600 [r]	46,000	49,600 [r]	95,500 [r]
July	68,800 [r]	32,000 [r]	101,000 [r]	47,800 [r]	55,000 [r]	103,000 [r]
August	67,000 [r]	30,100 [r]	97,100 [r]	44,600 [r]	54,500 [r]	99,100 [r]
September	64,600	28,600 [r]	93,200 [r]	42,500	52,600 [r]	95,100 [r]
October	64,200 [r]	28,900 [r]	93,100 [r]	43,000	52,100 [r]	95,000 [r]
November	64,200 [r]	28,200 [r]	92,400 [r]	37,500 [r]	57,000 [r]	94,500 [r]
December	66,900 [r]	30,800 [r]	97,700 [r]	41,100	58,300 [r]	99,500 [r]
January–December	795,000 [r]	322,000 [r]	1,120,000 [r]	515,000	626,000 [r]	1,140,000
2024						
January	76,100	30,100	106,000	51,100	57,300	108,000

[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 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. Estimated and preliminary data are marked with a superscript "e" and "p".]

Period	Anode production[1]
2023[p, 2]	
January	40,000
February	40,000
March	40,000
April	28,000
May	28,000
June	28,000
July	22,000
August	22,000
September	22,000
October	36,000
November	36,000
December	36,000
January–December	378,000
2024	
January	35,000 [e, 3]

[1]Primary and secondary production.

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

[3]Consists of an estimated 32,000 metric tons (t) of primary anodes and an estimated 3,000 t 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, preliminary, and revised data are marked with a superscript "e", "p", and "r".]

Period	From primary materials			From scrap[2]	Total refined
	Electrolytic[1]	Electrowon	Total primary		
			2023[p]		
January	32,700	45,500	78,200	3,220	81,400
February	32,700	37,800	70,500	3,230	73,700
March	32,700	43,300	76,000	3,220	79,200
April	23,000	43,400	66,400	3,220	69,600
May	23,000	42,500 [r]	65,500 [r]	3,260	68,700
June	23,000	46,000	69,000	3,230	72,200
July	24,400	47,800 [r]	72,200 [r]	3,270	75,500 [r]
August	24,400	44,600 [r]	69,000 [r]	3,220	72,200 [r]
September	24,400	42,500	66,900	3,300	70,200
October	28,900	43,000	71,900	3,250	75,100 [r]
November	28,900	37,500 [r]	66,400 [r]	3,220	69,600 [r]
December	28,900	41,100	70,000	3,240	73,300
January–December	327,000	515,000	842,000	38,900	881,000
			2024		
January	30,000 [e]	51,100	81,100	3,220	84,300

[1]Electrolytic production data in 2023 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, preliminary, and revised data are marked with a superscript "e", "p", and "r". 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[p]									
January	1,680	1,540	350	2,770 [r]	54,300	4,360	740	2,190 [r]	68,000 [r]
February	1,680	1,550	350	2,770 [r]	53,000	3,360	740	2,190 [r]	65,700 [r]
March	1,680	1,540	350	2,770 [r]	53,400	3,620	740	2,190 [r]	66,300 [r]
April	1,680	1,540	350	2,770 [r]	52,500	3,300	740	2,190 [r]	65,100 [r]
May	1,680	1,580	350	2,770 [r]	51,900	2,960	740	2,190 [r]	64,200 [r]
June	1,680	1,550	350	2,770 [r]	49,900	2,950	740	2,190 [r]	62,200 [r]
July	1,680	1,590	350	2,770 [r]	52,600	3,260	740	2,190 [r]	65,100 [r]
August	1,680	1,540	350	2,770 [r]	53,500	3,280	740	2,190 [r]	66,000 [r]
September	1,680	1,620	350	2,770 [r]	51,800	2,960	740	2,190 [r]	64,100 [r]
October	1,680	1,570	350	2,770 [r]	51,700	3,220	740	2,190 [r]	64,200 [r]
November	1,680	1,540	350	2,770 [r]	53,000	2,700	740	2,190 [r]	64,900 [r]
December	1,680	1,560	350	2,770 [r]	52,500	2,240	740	2,190 [r]	64,100 [r]
January–December	20,100	18,700	4,200	33,200 [r]	630,000	38,200	8,880	26,300 [r]	780,000 [r]
2024									
January	1,680	1,540	350	2,770	54,700	4,070	740	2,190	68,000

[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. Preliminary data are marked with a superscript "p".]

Period	Production		Shipments		Stocks, end of period	
	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2023[p]						
January	76,400	95,600	75,400	95,600	31,700	18,500
February	75,300	98,500	74,500	102,000	32,500	15,100
March	77,000	108,000	75,000	105,000	34,500	17,600
April	73,500	97,500	74,700	91,700	33,400	23,400
May	72,900	100,000	74,000	101,000	32,300	22,700
June	73,100	85,200	73,000	93,500	32,400	14,400
July	73,700	101,000	73,200	97,000	32,800	18,700
August	74,800	103,000	74,900	101,000	32,700	20,800
September	74,100	103,000	73,900	101,000	32,900	23,600
October	74,700	100,000	74,300	108,000	32,900	16,100
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	73,600	105,000	74,200	105,000	32,700	20,000

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

Period	Brass mills	Wire-rod mills	Other plants[e, 1]	Total
2023[p]				
January	34,700	91,100	3,470 [r]	129,000
February	36,200	91,200	3,470 [r]	131,000
March	34,100	104,000	3,470 [r]	142,000
April	35,800	92,400	3,470 [r]	132,000
May	35,900	96,600	3,470 [r]	136,000
June	35,200	86,400	3,470 [r]	125,000
July	35,500	94,400	3,470 [r]	133,000
August	35,200	99,800	3,470 [r]	138,000 [r]
September	35,000	96,000	3,470 [r]	134,000 [r]
October	36,500	90,300	3,470 [r]	130,000
November	31,800	86,900	3,470 [r]	122,000
December	33,300	84,300	3,470 [r]	121,000
January–December	419,000	1,110,000	41,600 [r]	1,570,000 [r]
2024				
January	32,800	103,000	3,470	140,000

[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. Preliminary and revised data are marked with a superscript "p" and "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[p]						
January	78,200	13,400 [r]	39,000	1,190	-5,510	135,000
February	70,500	12,400 [r]	48,700	2,000	-16,800	146,000
March	76,000	12,700 [r]	126,000	1,290	5,250	208,000
April	66,400	12,400 [r]	97,900	2,020	8,080	167,000 [r]
May	65,500 [r]	12,100 [r]	86,700	1,910	587	162,000 [r]
June	69,000	12,000 [r]	92,800	1,770	29,200	143,000
July	72,200 [r]	12,400 [r]	60,300	4,700	-2,990	143,000
August	69,000 [r]	12,300 [r]	54,300	3,580	4,450	128,000 [r]
September	66,900	12,100 [r]	59,700	3,650	20,700	114,000
October	71,900	12,300 [r]	48,800	3,910	16,600	112,000
November	66,400 [r]	11,800 [r]	30,000	4,870	1,110	102,000
December	70,000	11,300 [r]	26,800	3,540	-16,800 [r]	121,000
January–December	842,000	147,000 [r]	771,000	34,400	43,900 [r]	1,680,000
2024						
January	81,100	13,100	90,100	4,540	-25,900	206,000

[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, preliminary, and revised data are marked with a superscript "e", "p", and "r". 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[p]									
January	1,730	1,590	930 [r]	3,260 [r]	62,400	4,500	875 [r]	2,580 [r]	77,900 [r]
February	1,730	1,600	930 [r]	3,260 [r]	61,100	3,500	875 [r]	2,580 [r]	75,600 [r]
March	1,730	1,590	930 [r]	3,260 [r]	61,500	3,740	875 [r]	2,580 [r]	76,200 [r]
April	1,730	1,590	930 [r]	3,260 [r]	60,600	3,430	875 [r]	2,580 [r]	75,000 [r]
May	1,730	1,630	930 [r]	3,260 [r]	59,900	3,090	875 [r]	2,580 [r]	74,000 [r]
June	1,730	1,600	930 [r]	3,260 [r]	57,900	3,060	875 [r]	2,580 [r]	72,000 [r]
July	1,730	1,640	930 [r]	3,260 [r]	60,600	3,360	875 [r]	2,580 [r]	75,000 [r]
August	1,730	1,590	930 [r]	3,260 [r]	61,500	3,400	875 [r]	2,580 [r]	75,900 [r]
September	1,730	1,670	930 [r]	3,260 [r]	59,800	3,060	875 [r]	2,580 [r]	73,900 [r]
October	1,730	1,620	930 [r]	3,260 [r]	59,800	3,340	875 [r]	2,580 [r]	74,100 [r]
November	1,730	1,590	930 [r]	3,260 [r]	61,000	2,810	875 [r]	2,580 [r]	74,800 [r]
December	1,730	1,610	930 [r]	3,260 [r]	60,600	2,370	875 [r]	2,580 [r]	73,900 [r]
January–December	20,700	19,300	11,200	39,100 [r]	727,000	39,700	10,500	31,000 [r]	898,000 [r]
2024									
January	1,730	1,590	930	3,260	62,900	4,260	875	2,580	78,100

[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, preliminary, and revised data are marked with a superscript "e", "p", and "r".]

Period	Blister and anodes	Refined copper						
		Refineries	Wire-rod mills	Brass mills	Other[e, 1]	COMEX[2]	LME[3]	Total refined
				2023[p]				
January	13,600	9,640	22,100	10,900	6,970 [r]	25,400	3,050	78,000 [r]
February	13,000	6,040	22,200	9,380	6,970 [r]	15,000	1,680	61,200 [r]
March	14,300	9,160	22,200	11,400	6,970 [r]	15,400	1,400	66,500 [r]
April	35,100	12,000	19,000	11,200	6,970 [r]	25,100	300	74,600 [r]
May	39,900	10,100	15,400	11,700	6,970 [r]	25,100	5,950	75,200 [r]
June	34,500	9,050	19,000	10,700	6,970 [r]	31,700	26,900	104,000
July	20,400	5,210	16,500	10,800	6,970 [r]	39,400	22,600	101,000
August	17,700	6,560	14,700	11,100	6,970 [r]	29,000	37,600	106,000 [r]
September	15,000	2,170	16,800	11,700	6,970 [r]	23,000	65,900	126,000
October	14,300	2,230	20,100	10,500	6,970 [r]	19,300	84,100	143,000 [r]
November	10,500	3,070	15,100	9,530	6,970 [r]	17,100	92,500	144,000 [r]
December	10,500	6,590 [r]	16,900	9,680	6,970 [r]	17,200	70,100	127,000
				2024				
January	12,000	1,870	13,100	9,100	6,970	21,500	49,000	102,000

[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		
January	412.233	423.233	408.200
February	408.824	418.824	406.165
March	404.915	414.915	400.734
April	400.037	410.037	399.767
May	374.173	384.173	373.469
June	379.598	389.598	380.362
July	383.570	393.570	383.041
August	376.330	386.330	378.804
September	372.360	382.360	375.129
October	359.964	368.664	360.118
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

[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				
January	401.30	379.30	289.00	159.00
February	397.03	374.29	321.50	159.00
March	392.67	369.41	319.00	156.50
April	389.50	365.84	316.50	158.00
May	365.86	341.68	302.50	154.00
June	371.69	347.00	286.50	154.00
July	376.35	351.85	290.00	168.00
August	369.28	343.74	294.00	187.50
September	367.05	341.55	295.00	190.00
October	352.14	325.64	285.00	182.50
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

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 January	2023	2024 January	2023	2024 January	2023	2024 January
Belgium	0	0	175	0	0	0	(5)	0
Canada	3,270	0	675	37	5	0	128,000	10,200
Chile	0	0	0	0	0	0	531,000	69,600
China	0	0	0	0	9	0	462	3
Congo (Kinshasa)	0	0	0	0	0	0	11,800	0
Finland	0	0	0	0	78	0	41	12
France	0	0	0	0	0	0	56	0
Germany	0	0	0	0	(5)	0	2,240	1
Hungary	34	0	0	0	0	0	0	0
Italy	0	0	2	0	0	0	(5)	0
Japan	1	0	0	0	(5)	0	1,880	154
Korea, Republic of	0	0	0	0	1	1	57	0
Malaysia	0	0	0	0	28	0	0	0
Mexico	2	0	24	(5)	0	0	14,000	874
Peru	0	0	0	0	0	0	79,500	9,320
Spain	0	0	203	0	0	0	(5)	0
United Kingdom	0	0	(5)	0	4	(5)	0	0
Zambia	0	0	0	0	0	0	2,040	0
Other	(5)	0	(5)	0	(5)	(5)	26	26
Total	3,300	0	1,080	37	125	1	771,000	90,100

[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 January	2023	2024 January	2023	2024 January	2023	2024 January
Belgium	126	81	5,120	332	647	7	140	0
Canada	42,400	3,610	3,120	415	25,100	4,810	9,120	2,110
China	53,900	2,390	422	0	935	22	660	77
Dominican Republic	193	7	86	72	0	0	18	8
Finland	3,450	0	0	0	0	0	0	0
Germany	0	0	293	0	245	20	3,580	24
India	9	0	38	0	274	86	37	0
Italy	0	0	2	0	129	20	3	0
Japan	4,260	0	87	17	53	0	4	0
Korea, Republic of	11	0	105	58	1,240	156	90	19
Malaysia	124	19	2,780	41	630	12	1,870	255
Mexico	230,000	18,000	1,560	0	130	1	15,700	2,050
Netherlands	0	0	48	0	0	0	2,010	0
Pakistan	0	0	0	0	1	0	598	0
Philippines	0	7	1,020	0	47	0	0	0
Poland	0	0	999	57	0	0	0	0
Singapore	5	0	181	0	2	0	80	0
Slovakia	0	0	392	15	0	0	0	0
Spain	0	0	2,580	157	178	0	218	0
Switzerland	1,200	0	0	0	18	7	5	0
Taiwan	6,000	0	18	0	45	0	14	0
Thailand	0	0	13	0	144	0	1	0
Turkey	0	0	159	60	40	0	0	0
United Arab Emirates	0	0	0	0	53	0	156	0
Other	132	4	207	209	338	47	85	3
Total	341,000	24,100	19,200	1,430	30,300	5,190	34,400	4,540

[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.

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 January	2023	2024 January
Antigua and Barbuda	0	0	139	15
Bahamas, The	0	0	606	38
Barbados	0	0	168	25
Bermuda	27	0	107	10
Bolivia	0	0	99	0
Brazil	113	0	230	0
Canada	15,100	1,470	32,200	2,470
Cayman Islands	0	0	214	14
Colombia	150	20	131	11
Costa Rica	829	42	1,020	174
Curacao	0	0	134	26
Dominican Republic	1,020	82	1,330	82
Ecuador	0	0	120	0
El Salvador	0	0	861	72
Germany	502	62	85	0
Grenada	0	0	155	18
Guatemala	0	0	280	0
Guyana	0	0	80	33
Haiti	0	0	192	51
Honduras	49	0	1,140	109
Jamaica	5	0	396	0
Mexico	13,200	1,110	45,100	3,670
Panama	961	151	627	131
Peru	0	0	96	0
Poland	73	0	0	0
Sint Maarten	0	0	256	36
Saint Lucia	0	0	181	0
Saint Vincent and the Grenadines	0	0	133	11
Suriname	264	25	83	0
Venezuela	0	0	145	0
Other	71	9	308	69
Total	32,300	2,970	86,500	7,070

[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.

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 January	No. 2 January	Other January		Segregated January	Unsegregated January
Austria	930	0	0	0	1,850	0	19
Belgium	26,600	1,190	697	328	7,440	98	338
Cambodia	0	0	0	0	637	0	0
Canada	69,600	0	0	5,280	26,000	0	1,550
China	289,000	9,510	5,800	16,500	37,800	1,900	1,580
Germany	19,000	399	76	340	11,800	0	633
Greece	5,620	59	0	80	1,570	0	20
Hong Kong	18,100	160	1,060	715	3,790	118	385
India	19,400	614	83	659	53,900	1,200	2,570
Japan	18,500	631	443	431	6,420	39	260
Korea, Republic of	26,100	400	365	565	13,500	247	312
Malaysia	30,900	1,090	813	1,080	41,300	433	2,490
Mexico	2,660	140	([3])	3	1,860	26	32
Netherlands	2,210	77	18	0	1,030	19	147
Pakistan	524	0	80	0	16,900	80	883
Philippines	1,020	0	0	0	780	7	0
Poland	14,000	264	0	171	466	0	0
Singapore	1,750	0	0	25	402	0	19
Slovakia	781	22	19	0	1,570	184	133
Spain	1,670	60	0	26	4,600	60	343
Taiwan	9,410	423	95	571	4,270	19	335
Thailand	31,600	576	253	1,710	35,600	316	1,730
Turkey	572	12	0	0	1,140	0	0
United Arab Emirates	314	0	0	0	7,620	0	21
Vietnam	2,410	38	0	0	329	0	0
Other	1,850	0	186	91	1,530	0	19
Total	595,000	15,700	9,990	28,600	284,000	4,750	13,800

[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.