Mineral Industry Surveys

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COPPER IN FEBRUARY 2024

In February 2024, U.S. mines produced 103,000 metric tons (t) of recoverable copper. The average daily mine output was 3,560 t, an increase of 4% from that in January and 17% greater than that in February 2023 (fig. 1). Year-to-date mine production of recoverable copper through February 2024 was 209,000 t, an increase of 18% compared with that in the same time period in 2023 (table 2).

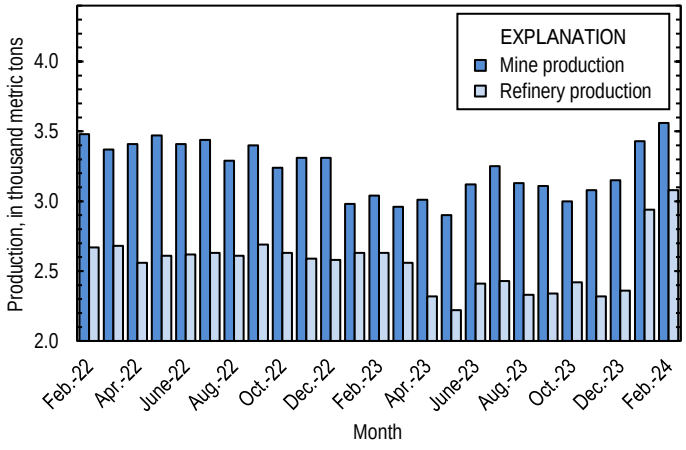

Figure 1. Average daily copper mine (recoverable) and refinery (primary and secondary) production in the United States from February 2022 through February 2024.

To avoid disclosing company proprietary data, smelter and electrolytic refinery production in February 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 40,000 t in February 2024. Year-to-date estimated smelter production was 80,000 t, unchanged from that in the same time period in 2023 (table 3).

Domestic refineries produced 89,300 t of copper in February 2024; data for electrolytic and electrowon output, as well as refined production from scrap, are reported in table 4. The average daily refinery production of copper was 3,080 t, an increase of 5% compared with that in January and 17% greater than that in February 2023 (fig. 1). Year-to-date refinery output through February 2024 was 181,000 t, an increase of 16% from that in the same time period in 2023.

Prices

In February 2024, the average Commodity Exchange Inc. (COMEX) copper price was $3.80 per pound, unchanged from that in January and a decrease of 7% compared with $4.09 per pound in February 2023 (fig. 2, table 11). The average U.S. dealers buying price of number 2 copper scrap was $2.98 per pound in February 2024, essentially unchanged from that in January and 7% less than $3.22 per pound in February 2023 (fig. 2, table 12).

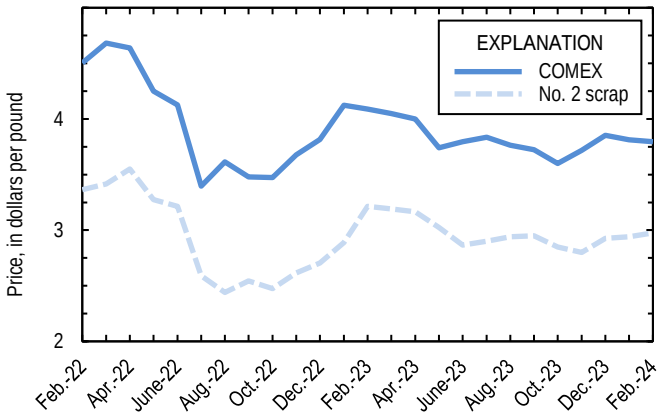

Figure 2. Monthly average Commodity Exchange Inc. (COMEX) copper price and no. 2 copper scrap U.S. dealers buying price from February 2022 through February 2024. Sources: Fastmarkets-AMM and S&P Global Platts Metals Week.

Stocks

Refined copper stocks in the United States totaled 94,600 t as of the end of February 2024, a decrease of 7% compared with those in January and 54% greater than those in February 2023. Stocks at producers and fabricators (brass mills, refineries, wire-rod mills, and other manufacturers) decreased by 2,020 t (6%) and stocks at exchanges (COMEX and London Metal Exchange Ltd.) decreased by 5,050 t (7%) from those at the end of January (fig. 3, table 10).

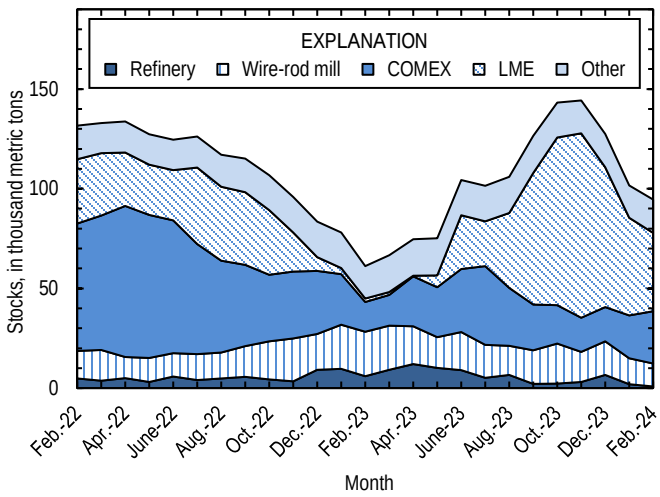

Figure 3. Domestic refined copper stocks at end of month, by type, from February 2022 through February 2024. Sources: London Metal Exchange Ltd., S&P Global Platts Metals Week, and U.S. Geological Survey.

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

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Table 1. 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		
			January	February	January–February
Primary production (from ore)					
Mine, recoverable[2]	([2])	1,120,000	106,000	103,000	209,000
Smelter[3]	([3])	378,000	40,000 [e, r]	40,000 [e]	80,000 [e]
Refinery, electrolytic	([4])	327,000	37,000 [e, r]	37,000 [e]	74,000 [e]
Refinery, electrowon	([4])	515,000	51,100	49,100	100,000
Total refinery	([4])	842,000	88,100 [r]	86,100	174,000
Secondary production (from copper-base scrap)[4]					
Refineries[5]	([5])	38,900	3,220	3,220	6,430
Ingot makers[e, 6]	([5])	37,400	3,120	3,120	6,240
Brass and wire-rod mills	([5])	668,000	56,500 [r]	55,900	112,000
Foundries, etc.[e, 6]	([5])	35,200	2,930	2,930	5,870
Consumption					
Reported, refined copper	([7])	1,570,000	140,000	134,000	273,000
Apparent, primary refined copper and copper from old scrap[7]	([8])	1,680,000	213,000 [r]	140,000	353,000
Reported, purchased copper-base scrap (gross weight)	([9])	898,000	75,700 [r]	75,000	151,000
Stocks at end of period					
Blister and anodes	([10])	10,500	13,100 [r]	12,800	12,800
Refined[8]	([10])	127,000	102,000	94,600	94,600
Prices (cents per pound)[9]					
Commodity Exchange Inc. (COMEX)	([11])	385.749	381.207	379.663	380.435
U.S. producers cathode[10]	([11])	395.297	389.107	388.038	388.573
Imports for consumption[11]					
Ore and concentrates	([13])	3,300	0	8	8
Refined	([13])	771,000	90,100	39,700	130,000
Exports[11]					
Ore and concentrates	([14])	341,000	24,100	27,900	51,900
Refined	([14])	34,400	4,540	4,870	9,410

[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.]

Period	Recoverable copper[1]			Contained copper		
	Arizona	Others[2]	Total	Electrowon	Concentrates[3]	Total
2023						
January–February	129,000	48,200	178,000	83,300	98,200	181,000
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
April	67,300	23,000	90,300	43,400	48,800	92,300
May	65,000	24,800	89,900	42,500	49,300	91,800
June	70,000	23,600	93,600	46,000	49,600	95,500
July	68,800	32,000	101,000	47,800	55,000	103,000
August	67,000	30,100	97,100	44,600	54,500	99,100
September	64,600	28,600	93,200	42,500	52,600	95,100
October	64,200	28,900	93,100	43,000	52,100	95,000
November	64,200	28,200	92,400	37,500	57,000	94,500
December	66,900	30,800	97,700	41,100	58,300	99,500
January–December	795,000	322,000	1,120,000	515,000	626,000	1,140,000
2024						
January	76,100	30,100	106,000	51,100	57,300	108,000
February	73,500	29,600	103,000	49,100	56,100	105,000
January–February	150,000	59,700	209,000	100,000	113,000	214,000

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

Period	Anode production[1]
2023[2]	
January–February	80,000
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[e, 3]	
January	40,000 [r]
February	40,000
January–February	80,000

[1]Primary and secondary production.

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

[3]Data in 2024 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 and revised data are marked with a superscript "e" and "r".]

Period	From primary materials			From scrap[1]	Total refined
	Electrolytic	Electrowon	Total primary		
			2023		
January–February	65,400	83,300	149,000	6,450	155,000
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	65,500	3,260	68,700
June	23,000	46,000	69,000	3,230	72,200
July	24,400	47,800	72,200	3,270	75,500
August	24,400	44,600	69,000	3,220	72,200
September	24,400	42,500	66,900	3,300	70,200
October	28,900	43,000	71,900	3,250	75,100
November	28,900	37,500	66,400	3,220	69,600
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	37,000 [e, r]	51,100	88,100 [r]	3,220	91,300 [r]
February	37,000 [e]	49,100	86,100	3,220	89,300
January–February	74,000 [e]	100,000	174,000	6,430	181,000

[1]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 and revised data are marked with a superscript "e" 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									
January–February	3,350	3,100	700	5,540	107,000	7,720	1,480	4,390	134,000
February	1,680	1,550	350	2,770	53,000	3,360	740	2,190	65,700
March	1,680	1,540	350	2,770	53,400	3,620	740	2,190	66,300
April	1,680	1,540	350	2,770	52,500	3,300	740	2,190	65,100
May	1,680	1,580	350	2,770	51,900	2,960	740	2,190	64,200
June	1,680	1,550	350	2,770	49,900	2,950	740	2,190	62,200
July	1,680	1,590	350	2,770	52,600	3,260	740	2,190	65,100
August	1,680	1,540	350	2,770	53,500	3,280	740	2,190	66,000
September	1,680	1,620	350	2,770	51,800	2,960	740	2,190	64,100
October	1,680	1,570	350	2,770	51,700	3,220	740	2,190	64,200
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 [r]	4,070	740	2,190	65,700 [r]
February	1,680	1,540	350	2,770	52,600	3,330	740	2,190	65,200
January–February	3,350	3,080	700	5,540	105,000	7,400	1,480	4,390	131,000

[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						
January–February	152,000	194,000	150,000	198,000	32,500	15,100
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	72,000 r	105,000	72,600 r	105,000	32,600 r	20,000
February	73,800	103,000	74,000	107,000	32,500	16,200
January–February	146,000	208,000	147,000	212,000	32,500	16,200

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–February	70,900	182,000	6,930	260,000
February	36,200	91,200	3,470	131,000
March	34,100	104,000	3,470	142,000
April	35,800	92,400	3,470	132,000
May	35,900	96,600	3,470	136,000
June	35,200	86,400	3,470	125,000
July	35,500	94,400	3,470	133,000
August	35,200	99,800	3,470	138,000
September	35,000	96,000	3,470	134,000
October	36,500	90,300	3,470	130,000
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
January–February	65,700	201,000	6,930	273,000

[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						
January–February	149,000	25,900	87,800	3,190	-22,300	281,000
February	70,500	12,400	48,700	2,000	-16,800	146,000
March	76,000	12,700	126,000	1,290	5,250	208,000
April	66,400	12,400	97,900	2,020	8,080	167,000
May	65,500	12,100	86,700	1,910	587	162,000
June	69,000	12,000	92,800	1,770	29,200	143,000
July	72,200	12,400	60,300	4,700	-2,990	143,000
August	69,000	12,300	54,300	3,580	4,450	128,000
September	66,900	12,100	59,700	3,650	20,700	114,000
October	71,900	12,300	48,800	3,910	16,600	112,000
November	66,400	11,800	30,000	4,870	1,110	102,000
December	70,000	11,300	26,800	3,540	-16,800	121,000
January–December	842,000	147,000	771,000	34,400	43,900	1,680,000
2024						
January	88,100 r	13,100	90,100	4,540	-25,800	213,000 r
February	86,100	12,400	39,700	4,870	-7,080	140,000
January–February	174,000	25,500	130,000	9,410	-32,900	353,000

[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 and revised data are marked with a superscript "e" 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									
January–February	3,460	3,190	1,860	6,520	123,000	8,000	1,750	5,160	153,000
February	1,730	1,600	930	3,260	61,100	3,500	875	2,580	75,600
March	1,730	1,590	930	3,260	61,500	3,740	875	2,580	76,200
April	1,730	1,590	930	3,260	60,600	3,430	875	2,580	75,000
May	1,730	1,630	930	3,260	59,900	3,090	875	2,580	74,000
June	1,730	1,600	930	3,260	57,900	3,060	875	2,580	72,000
July	1,730	1,640	930	3,260	60,600	3,360	875	2,580	75,000
August	1,730	1,590	930	3,260	61,500	3,400	875	2,580	75,900
September	1,730	1,670	930	3,260	59,800	3,060	875	2,580	73,900
October	1,730	1,620	930	3,260	59,800	3,340	875	2,580	74,100
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 r	4,260	875	2,580	75,700 r
February	1,730	1,590	930	3,260	60,600	3,440	875	2,580	75,000
January–February	3,460	3,170	1,860	6,520	121,000	7,690	1,750	5,160	151,000

[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				
February	13,000	6,040	22,200	9,380	6,970	15,000	1,680	61,200
March	14,300	9,160	22,200	11,400	6,970	15,400	1,400	66,500
April	35,100	12,000	19,000	11,200	6,970	25,100	300	74,600
May	39,900	10,100	15,400	11,700	6,970	25,100	5,950	75,200
June	34,500	9,050	19,000	10,700	6,970	31,700	26,900	104,000
July	20,400	5,210	16,500	10,800	6,970	39,400	22,600	101,000
August	17,700	6,560	14,700	11,100	6,970	29,000	37,600	106,000
September	15,000	2,170	16,800	11,700	6,970	23,000	65,900	126,000
October	14,300	2,230	20,100	10,500	6,970	19,300	84,100	143,000
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[r]	1,870	13,100	9,160[r]	6,970	21,500	49,000	102,000
February	12,800	816	11,500	9,810	6,970	26,200	39,300	94,600

[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		
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
February	379.663	388.038	376.937
January–February	380.435	388.573	377.696

[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				
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
February	371.20	346.55	297.50	181.50
January–February	372.21	346.67	295.75	183.50

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		2023	2024		2023	2024		2023	2024	
		February	January–February		February	January–February		February	January–February		February	January–February
Belgium	0	0	0	175	0	0	0	0	0	(5)	0	0
Canada	3,270	8	8	675	40	77	5	0	0	128,000	9,240	19,400
Chile	0	0	0	0	0	0	0	0	0	531,000	26,100	95,700
China	0	0	0	0	0	0	9	0	0	462	1	4
Congo (Kinshasa)	0	0	0	0	0	0	0	(5)	(5)	11,800	0	0
Finland	0	0	0	0	0	0	78	0	0	41	0	12
France	0	0	0	0	0	0	0	0	0	56	0	0
Germany	0	0	0	0	0	0	(5)	0	0	2,240	1	0
Hungary	34	0	0	0	0	0	0	0	0	0	21	22
Italy	0	0	0	2	0	0	0	0	0	(5)	0	0
Japan	1	0	0	0	0	0	(5)	0	0	1,880	173	327
Korea, Republic of	0	0	0	0	0	0	1	0	1	57	0	0
Malaysia	0	0	0	0	0	0	28	0	0	0	0	0
Mexico	2	0	0	24	5	5	0	0	0	14,000	280	1,160
Peru	0	0	0	0	0	0	0	0	0	79,500	3,800	13,100
Spain	0	0	0	203	0	0	0	(5)	(5)	(5)	0	0
United Kingdom	0	0	0	(5)	0	0	4	0	(5)	0	4	4
Zambia	0	0	0	0	0	0	0	0	0	2,040	0	0
Other	(5)	0	0	(5)	0	0	(5)	(5)	1	26	0	26
Total	3,300	8	8	1,080	46	82	125	(5)	2	771,000	39,700	130,000

[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	
		February	January–February		February	January–February		February	January–February		February	January–February
Belgium	126	0	81	5,120	365	697	647	11	18	140	0	0
Canada	42,400	3,070	6,670	3,120	862	1,280	25,100	4,040	8,850	9,120	1,930	4,040
China	53,900	4,420	6,810	422	0	0	935	0	22	660	84	161
Dominican Republic	193	1	8	86	39	111	0	0	0	18	([5])	8
Finland	3,450	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	293	76	76	245	0	20	3,580	0	24
India	9	1	1	38	0	0	274	0	86	37	0	0
Italy	0	0	0	2	0	0	129	2	22	3	([5])	([5])
Japan	4,260	0	0	87	16	34	53	0	0	4	2	2
Korea, Republic of	11	9	9	105	0	58	1,240	118	274	90	9	28
Malaysia	124	27	45	2,780	0	41	630	0	12	1,870	365	621
Mexico	230,000	20,300	38,300	1,560	0	0	130	11	12	15,700	2,370	4,420
Netherlands	0	0	0	48	18	18	0	0	0	2,010	0	0
Pakistan	0	0	0	0	0	0	1	0	0	598	0	0
Philippines	0	7	13	1,020	0	0	47	0	0	0	0	0
Poland	0	0	0	999	39	96	0	0	0	0	0	0
Singapore	5	0	0	181	0	0	2	0	0	80	2	2
Slovakia	0	0	0	392	28	43	0	0	0	0	0	0
Spain	0	0	0	2,580	213	370	178	0	0	218	0	0
Switzerland	1,200	0	0	0	0	0	18	0	7	5	2	2
Taiwan	6,000	0	0	18	0	0	45	0	0	14	0	0
Thailand	0	0	0	13	0	0	144	0	0	1	0	0
Turkey	0	0	0	159	40	99	40	0	0	0	20	20
United Arab Emirates	0	0	0	0	0	0	53	0	0	156	0	0
Other	132	12	16	207	0	209	338	64	111	85	86	89
Total	341,000	27,900	51,900	19,200	1,700	3,130	30,300	4,250	9,440	34,400	4,870	9,410

[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	
		February	January–February		February	January–February
Antigua and Barbuda	0	0	0	139	17	32
Bahamas, The	0	0	0	606	62	100
Barbados	0	0	0	168	16	41
Bermuda	27	0	0	107	10	20
Bolivia	0	0	0	99	0	0
Brazil	113	0	0	230	2	2
Canada	15,100	1,140	2,610	32,200	3,020	5,490
Cayman Islands	0	0	0	214	33	47
Colombia	150	20	40	131	0	11
Costa Rica	829	61	104	1,020	101	275
Curacao	0	0	0	134	29	55
Dominican Republic	1,020	76	158	1,330	78	160
Ecuador	0	0	0	120	0	0
El Salvador	0	0	0	861	55	127
Germany	502	59	121	85	1	1
Grenada	0	0	0	155	15	33
Guatemala	0	0	0	280	7	7
Guyana	0	0	0	80	0	33
Haiti	0	0	0	192	0	51
Honduras	49	27	27	1,140	86	195
Jamaica	5	0	0	396	38	38
Mexico	13,200	1,240	2,350	45,100	3,730	7,400
Panama	961	113	265	627	88	218
Peru	0	0	0	96	0	0
Poland	73	0	0	0	0	0
Sint Maarten	0	0	0	256	29	66
Saint Lucia	0	0	0	181	19	19
Saint Vincent and the Grenadines	0	0	0	133	3	14
Suriname	264	42	67	83	3	3
Venezuela	0	0	0	145	0	0
Other	71	30	39	308	27	96
Total	32,300	2,820	5,780	86,500	7,470	14,500

[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		No. 2		Other			Segregated		Unsegregated	
		February	January–February	February	January–February	February	January–February		February	January–February	February	January–February
Austria	930	0	0	40	40	0	0	1,850	0	0	18	37
Belgium	26,600	964	2,160	700	1,400	237	565	7,440	55	153	478	817
Cambodia	0	0	0	0	0	0	0	637	0	0	0	0
Canada	69,600	0	0	0	0	5,850	11,100	26,000	0	0	1,590	3,140
China	289,000	9,520	19,000	4,720	10,500	17,500	34,000	37,800	1,540	3,440	1,200	2,770
Germany	19,000	1,030	1,420	76	152	110	450	11,800	77	77	692	1,330
Greece	5,620	159	217	21	21	0	80	1,570	0	0	0	20
Hong Kong	18,100	58	217	1,320	2,380	515	1,230	3,790	64	182	200	585
India	19,400	186	799	188	271	302	961	53,900	1,070	2,270	1,830	4,400
Japan	18,500	403	1,030	532	975	575	1,010	6,420	75	115	362	622
Korea, Republic of	26,100	734	1,130	343	708	500	1,070	13,500	117	364	210	522
Malaysia	30,900	814	1,910	1,010	1,820	1,020	2,090	41,300	306	740	2,950	5,440
Mexico	2,660	230	370	([3])	1	35	38	1,860	51	77	12	44
Netherlands	2,210	44	121	20	38	0	0	1,030	4	23	148	295
Pakistan	524	135	135	118	198	0	0	16,900	40	120	988	1,870
Philippines	1,020	0	0	0	0	0	0	780	7	13	0	0
Poland	14,000	159	423	0	0	612	783	466	0	0	19	19
Singapore	1,750	0	0	0	0	22	47	402	0	0	18	38
Slovakia	781	34	56	196	216	0	0	1,570	246	431	199	332
Spain	1,670	19	78	0	0	20	46	4,600	140	200	209	552
Taiwan	9,410	335	758	18	113	680	1,250	4,270	0	19	159	494
Thailand	31,600	743	1,320	245	498	2,650	4,360	35,600	402	718	3,480	5,210
Turkey	572	11	23	0	0	0	0	1,140	0	0	140	140
United Arab Emirates	314	0	0	0	0	0	0	7,620	0	0	90	111
Vietnam	2,410	61	99	0	0	174	174	329	0	0	0	0
Other	1,850	41	41	63	249	78	169	1,530	38	38	197	216
Total	595,000	15,700	31,300	9,600	19,600	30,900	59,500	284,000	4,240	8,980	15,200	29,000

[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.