Mineral Industry Surveys

For information, contact:
Daniel M. Flanagan, Copper Commodity Specialist
National Minerals Information Center
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-7726, Fax: (703) 648-7757
Email: dflanagan@usgs.gov

Sheema Merchant (Data)
Telephone: (703) 659-9944
Fax: (703) 648-7975
Email: smerchant@usgs.gov

Internet: https://www.usgs.gov/centers/nmic

COPPER IN JUNE 2020

In June 2020, domestic mine production of recoverable copper was 105,000 metric tons (t). The average daily mine production was 3,480 t, an increase of 6% from that in May and a slight decrease compared with that in June 2019 (fig. 1). Year-to-date recoverable mine output through June 2020 was 598,000 t, 3% less than that through the same period in 2019 (table 2), primarily owing to lower production at Rio Tinto Kennecott's (South Jordan, UT) Bingham Canyon Mine in Utah and Freeport-McMoRan Inc.'s (Phoenix, AZ) Chino Mine in New Mexico. At Bingham Canyon, ore grades were lower than those in 2019 because of planned mine sequencing. The company was nearing the end of mining operations on the east wall of the open pit and preparing to begin mining of the south wall (Rio Tinto plc, 2020, p. 8). At Chino, operations were suspended in April after multiple workers tested positive for COVID-19 (Scheyder, 2020). These decreases were partially offset by increased production at Freeport's Morenci, Safford, and Sierrita Mines in Arizona (Freeport-McMoRan Inc., 2020, p. II).

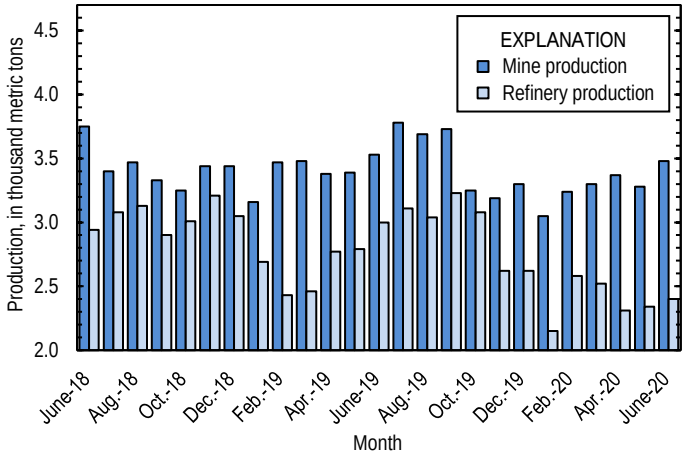

Figure 1. Average daily U.S. copper mine (recoverable) and refinery (primary and secondary) production from June 2018 through June 2020. Refinery production in November and December 2019 were withheld to avoid disclosing company proprietary data; the values shown reflect the daily average for cumulative production over this period rather than production in each month.

Owing to temporary closures of ASARCO LLC's (Tucson, AZ) smelter in Arizona and electrolytic refinery in Texas as a result of a worker strike, smelter and electrolytic refinery production reported to the U.S. Geological Survey in June 2020 were withheld to avoid disclosing company proprietary data. Smelter and electrolytic refinery output in tables 3 and 4 are estimates based on information in quarterly company reports.

Estimated U.S. smelter production in June 2020 was 20,000 t. The estimated average daily output was 667 t, 61% less than that in June 2019. Year-to-date estimated smelter production through June 2020 was 150,000 t, a decrease of 34% relative to the same period in 2019 (table 3). Rio Tinto was in the process of rebuilding the flash converting furnace at its smelter near Salt Lake City, UT, which was damaged by a magnitude 5.7 earthquake on March 18 (Rio Tinto plc, 2020, p. 2, 8).

Total refinery production in the United States was 71,800 t in June 2020; data for electrolytic and electrowon output, as well as refined production from scrap, are reported in table 4. Average daily total refinery production was 2,400 t, a slight increase compared with that in May and 20% lower than that in June 2019 (fig. 1). Year-to-date refinery output through June 2020 was 433,000 t, a decline of 11% from that through June 2019 (table 4).

Prices

The average June 2020 COMEX spot copper price was $2.60 per pound, an increase of 9% from $2.39 per pound in May and 3% less than $2.68 per pound in June 2019 (fig. 2, table 11). The average U.S. dealers buying price of number 2 copper scrap in June 2020 was $1.82 per pound, 10% higher than $1.65 per pound in May (fig. 2, table 12).

Stocks

Refined copper stocks in the United States rose for the fifth consecutive month and totaled 158,000 t at the end of June 2020, an increase of 14% from those in May and 45% greater than those in June 2019. Wire-rod mill stocks fell by 19%, London Metal Exchange Ltd. stocks in U.S. warehouses were 11% higher, and COMEX stocks increased by 35% compared

with those at the end of May (fig. 3, table 10). Copper traders in the United States reported reduced demand for copper cathode because of economic disruptions resulting from the COVID-19 pandemic (Bera, 2020). Reported U.S. consumption of refined copper in June 2020 declined by 4% from that in May and by 11% from average monthly consumption in 2019, consistent with the increased stocks and reports of low demand (table 7).

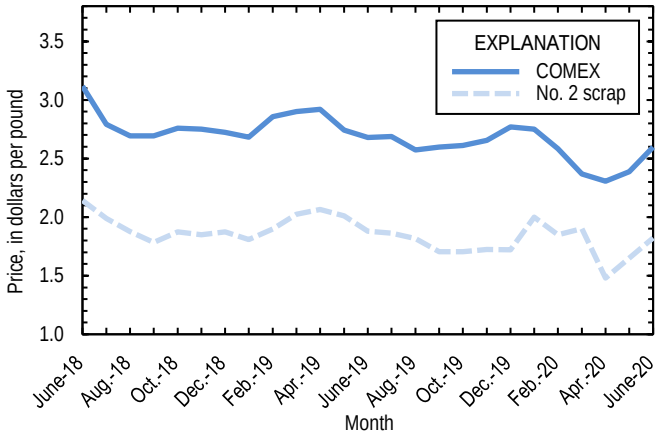

Figure 2. Monthly average COMEX copper price and no. 2 copper scrap dealers buying price from June 2018 through June 2020. As of January 2020, no. 2 prices were available only for the entire United States, whereas no. 2 prices were available only for individual domestic markets prior to January 2020. Prices shown prior to January 2020 are for New York dealers no. 2 scrap. Sources: Fastmarkets-AMM, Platts Metals Week.

Industry News

S&P Global Market Intelligence reported that nearly 90% of the 275 mines in 36 countries that were known to have suspended production owing to COVID-19 had restarted as of June 23 (MacDonald, 2020). Through June 2020, global production of mined and refined copper was essentially unchanged compared with those through the same period in 2019 (International Copper Study Group, 2020a, p. 12, 17).

Chile.—The Corporación Nacional del Cobre de Chile, the world's leading copper-producing company, temporarily closed the Chuquicamata smelter in June after three workers died of COVID-19. The Chuquicamata refinery continued to operate at about one-third of capacity (Luk and Rostás, 2020; Miranda and Laing, 2020). These facilities account for roughly 2% of global copper smelter and refinery production capacity (International Copper Study Group, 2020b, p. 159, 173, 178, 207).

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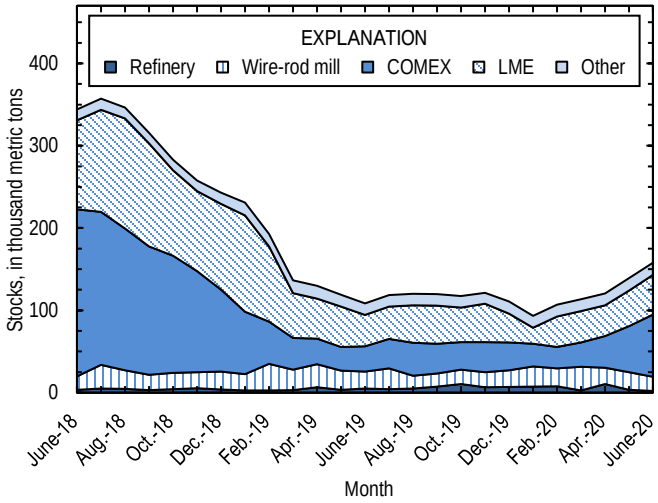

Figure 3. Monthly domestic refined copper stocks, by type, from June 2018 through June 2020. Sources: Fastmarkets-AMM, London Metal Exchange Ltd., and U.S. Geological Survey.

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TABLE 1

SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES[1]

(Metric tons of copper content, unless otherwise specified)

	Source table[2]	2019[p]	2020			
			April	May	June	January–June
Production:						
Primary:						
Mine, recoverable	(2)	1,260,000	101,000 [r]	102,000 [r]	105,000	598,000
Smelter	(3)	464,000	20,000 [e]	20,000 [e]	20,000 [e]	150,000 [e]
Refinery:						
Electrolytic, domestic and foreign	(4)	457,000	20,000 [e]	20,000 [e]	20,000 [e]	150,000 [e]
Electrowon	(4)	527,000 [r]	44,600	48,200	48,200	260,000
Total	(4)	985,000	64,600	68,200	68,200	410,000
Secondary recoverable copper:[3]						
Refineries	(5)	44,400	4,530 [r]	4,380 [r]	3,620	22,900
Ingot makers[4]	(5)	57,900	4,820	4,820	4,830	28,900
Brass and wire-rod mills	(5)	653,000	54,700	53,900	54,700	332,000
Foundries, etc.[4]	(5)	36,700	3,060	3,060	3,060	18,400
Consumption:						
Apparent	(8)	1,810,000	144,000 [r]	128,000 [r]	124,000	798,000
Refined (reported)	(7)	1,830,000	146,000	142,000	135,000	882,000
Purchased copper-base scrap (gross weight)	(9)	923,000 [r]	78,100 [r]	77,200	77,200	468,000
Stocks at end of period:						
Total refined	(10)	111,000	120,000	139,000	158,000	158,000
Blister and anode	(10)	16,400	7,430 [r]	11,900	11,000	11,000
Price, U.S. producers cathode (cents per pound)[5]	(11)	279.596	236.881	245.090	266.305	256.650
Imports:[6]						
Ore and concentrates	(13)	27,000	--	--	--	--
Refined	(13)	663,000	74,300	66,200	63,300	371,000
Exports:[6]						
Ore and concentrates	(14)	363,000	38,900	34,000	30,300	186,000
Refined	(14)	125,000	1,580	540	1,220	14,000

[e]Estimated. [p]Preliminary. [r]Revised. -- Zero.

[1]Data are rounded to no more than three significant digits, except prices; may not add to totals shown.

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

[3]Copper recovered from copper-base scrap only.

[4]Estimated based on the monthly average of 2018 annual data.

[5]Source: Platts Metals Week.

[6]Source: U.S. Census Bureau.

TABLE 2
MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES[1]

(Metric tons)

Period	Recoverable copper			Contained copper		
	Arizona	Others[2]	Total	Electrowon	Concentrates[3]	Total
2019:[p]						
January–June	418,000	197,000	615,000	259,000	370,000	629,000
June	73,400	32,400	106,000	45,900	62,100	108,000
July	79,200	37,900 [r]	117,000	47,600	72,300	120,000
August	77,400	37,100 [r]	114,000 [r]	46,500	70,500	117,000
September	74,000	38,000 [r]	112,000	44,700	69,800 [r]	114,000 [r]
October	72,300	28,500 [r]	101,000	45,800	57,000 [r]	103,000
November	66,000	29,700 [r]	95,700 [r]	41,100	56,700 [r]	97,800 [r]
December	71,900 [r]	30,500	102,000 [r]	43,200	61,400 [r]	105,000 [r]
January–December	859,000 [r]	398,000 [r]	1,260,000	527,000 [r]	758,000 [r]	1,290,000 [r]
2020:						
January	65,800 [r]	28,800 [r]	94,600 [r]	33,300 [r]	63,700 [r]	97,000 [r]
February	65,400 [r]	28,600 [r]	94,000 [r]	41,000	55,100 [r]	96,100 [r]
March	73,800 [r]	28,400 [r]	102,000 [r]	44,900 [r]	59,600 [r]	104,000 [r]
April	76,400 [r]	24,700 [r]	101,000 [r]	44,600	58,800 [r]	103,000 [r]
May	75,500 [r]	26,200 [r]	102,000 [r]	48,200	55,700 [r]	104,000 [r]
June	77,700	26,800	105,000	48,200	58,600	107,000
January–June	435,000	164,000	598,000	260,000	351,000	612,000

[p]Preliminary. [r]Revised.
[1]Data are rounded to no more than three significant digits; may not add to totals shown.
[2]Includes production from Michigan, Missouri, Montana, Nevada, New Mexico, and Utah.
[3]Includes copper content of precipitates and other metal concentrates.

TABLE 3
COPPER PRODUCED AT SMELTERS IN
THE UNITED STATES[1, 2]

(Metric tons, copper content)

Period	Anode production
2019:[p]	
January–June	228,000
June	51,800
July	34,500
August	49,200
September	43,200
October	43,800
November	W
December	W
January–December	464,000
2020:[e, 3]	
January	30,000
February	30,000
March	30,000
April	20,000
May	20,000
June	20,000
January–June	150,000

[e]Estimated. [p]Preliminary. W Withheld to avoid disclosing company proprietary data.
[1]Includes blister and copper anode from primary or secondary sources.
[2]Data are rounded to no more than three significant digits; may not add to totals shown.
[3]To avoid disclosing company proprietary data, monthly smelter production data in 2020 are estimates based on information in quarterly public company reports and do not reflect actual production reported to the U.S. Geological Survey.

TABLE 4

PRODUCTION OF REFINED COPPER, BY SOURCE AND METHOD OF RECOVERY[1]

(Metric tons)

Period	Primary materials			Scrap	Total refined
	Electrolytically refined[2]	Electrowon	Total		
2019:[p]					
January–June	207,000	259,000	466,000	21,600	487,000
June	40,600	45,900	86,500	3,480	90,000
July	45,100	47,600	92,600 [r]	3,860	96,500
August	41,800	46,500	88,300	5,860	94,100 [r]
September	49,000	44,700	93,700	3,360	97,000
October	46,500	45,800	92,300	3,220	95,500
November	W	41,100	W	3,240	W
December	W	43,200	W	3,240	W
January–December	457,000	527,000 [r]	985,000	44,400	1,030,000
2020:					
January	30,000 [e, 3]	33,300 [r]	63,300 [r]	3,260	66,600 [r]
February	30,000 [e, 3]	41,000	71,000	3,820 [r]	74,800 [r]
March	30,000 [e, 3]	44,900 [r]	74,900 [r]	3,220	78,100
April	20,000 [e, 3]	44,600	64,600	4,530 [r]	69,100 [r]
May	20,000 [e, 3]	48,200	68,200	4,380 [r]	72,600 [r]
June	20,000 [e, 3]	48,200	68,200	3,620	71,800
January–June	150,000 [e, 3]	260,000	410,000	22,800	433,000

[e]Estimated. [p]Preliminary. [r]Revised. W Withheld to avoid disclosing company proprietary data.

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

[2]From domestic and foreign source materials.

[3]To avoid disclosing company proprietary data, monthly electrolytically refined production data in 2020 are estimates based on information in quarterly public company reports and do not reflect actual production reported to the U.S. Geological Survey.

TABLE 5

COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP[1]

(Metric tons, copper content)

Period	Refineries[2]		Ingot makers[3]		Brass and wire-rod mills		Foundries, etc.[3]		Total[4]
	New scrap[e]	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2019:[p]									
January–June	10,100	11,500	4,610	24,300	311,000	20,200	12,900	5,480	400,000
June	1,680	1,800	768	4,060	51,400	3,550	2,150	913	66,300
July	1,680	2,190	768	4,060	49,100	3,590	2,150	913	64,400
August	1,680	4,180	768	4,060	52,800	3,030	2,150	913	69,600
September	1,680	1,680	768	4,060	49,700	2,330	2,150	913	63,300
October	1,680	1,540	768	4,060	51,000	2,490	2,150	913	64,600
November	1,680	1,560	768	4,060	51,700	2,560	2,150	913	65,400
December	1,680	1,560	768	4,060	51,800	2,290	2,150	913	65,200
January–December	20,100	24,200	9,220	48,700	617,000	36,500	25,800	11,000	792,000
2020:									
January	1,680	1,590	768	4,060	53,400	3,750 [r]	2,150	913	68,300
February	1,680	2,140 [r]	768	4,060	52,400	3,580	2,150	913	67,700 [r]
March	1,680	1,540	768	4,060	52,100	3,360 [r]	2,150	913	66,600
April	1,680	2,850 [r]	768	4,060	51,800	2,950	2,150	913	67,100 [r]
May	1,680	2,700 [r]	768	4,060	51,300	2,600	2,150	913	66,200 [r]
June	1,680	1,940	768	4,060	51,700	3,030	2,150	913	66,300
January–June	10,100	12,800	4,610	24,300	313,000	19,300	12,900	5,480	402,000

[e]Estimated. [p]Preliminary. [r]Revised.

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

[2]Electrolytically refined and fire refined from scrap based on source of material at smelter or refinery level.

[3]Monthly data estimated based on the monthly average of 2018 annual data.

[4]Does not include an estimate, based on reported 2018 annual data, of 3,380 tons per month from new scrap and 2,710 tons per month from old scrap of copper recovered from scrap other than copper-base.

TABLE 6

PRODUCTION, SHIPMENTS, AND STOCKS OF BRASS AND WIRE-ROD SEMIFABRICATES[1]

(Metric tons, gross weight)

Period	Production		Shipments		Stocks, end of period	
	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2019:[p]						
January–June	443,000	662,000	443,000	676,000	30,000	22,100
June	73,600	109,000	73,500	116,000	30,000	22,100
July	70,300	110,000	70,900	113,000	29,400	25,200
August	73,800	112,000	73,700	116,000	29,500	22,700
September	73,200	113,000	73,300	110,000	29,400	26,400
October	73,900	112,000	74,000	114,000	29,200	23,800
November	73,200	101,000	73,000	100,000	29,400	24,600
December	72,700	93,500	72,200	94,100	29,900	24,000
January–December	880,000	1,300,000	880,000	1,320,000	29,900	24,000
2020:						
January	73,700	110,000	74,200	106,000	29,400	27,800
February	73,900	110,000	73,600	106,000	29,700	31,800
March	74,500	108,000	74,100	112,000	30,100	27,800
April	72,500	94,600	73,500	96,200	29,000	26,100
May	73,400	95,300	73,400	91,400	29,000	30,000
June	73,700	89,400	73,600	96,100	29,200	23,400
January–June	442,000	606,000	442,000	607,000	29,200	23,400

[p]Preliminary.

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

TABLE 7
CONSUMPTION OF REFINED COPPER[1]

(Metric tons)

Period	Brass mills	Wire-rod mills	Other plants[2]	Total
2019:[p]				
January–June	209,000	689,000	32,700	931,000
June	34,200	110,000	5,450	150,000
July	34,100	107,000	5,450	147,000
August	34,000	116,000	5,450	155,000
September	34,100	110,000	5,450	150,000
October	34,200	118,000	5,450	158,000
November	34,100	112,000	5,450	151,000
December	33,100	104,000	5,450	142,000
January–December	413,000	1,360,000	65,400	1,830,000
2020:				
January	34,500	120,000	5,450	160,000
February	33,600	117,000	5,450	156,000
March	33,600	104,000	5,450	143,000
April	34,500	107,000	5,450	146,000
May	34,100	102,000	5,450	142,000
June	34,700	95,300	5,450	135,000
January–June	205,000	644,000	32,700	882,000

[p]Preliminary.
[1]Data are rounded to no more than three significant digits; may not add to totals shown.
[2]Monthly consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers are estimated based on the monthly average of 2018 annual data.

TABLE 8
U.S. APPARENT CONSUMPTION OF COPPER[1]

(Metric tons)

Period	Primary refined copper production	Copper in old scrap[2]	Refined imports for consumption[3]	Refined exports[3]	Stock change during period	Apparent consumption
2019:[p]						
January–June	466,000	77,800	308,000	74,300	-134,000	911,000
June	86,500	13,000	55,200	13,800	-10,100	151,000
July	92,600 [r]	13,500	68,200	9,810	10,000	154,000 [r]
August	88,300	14,900	50,500	6,960	1,580	145,000
September	93,700	11,700	60,700	8,410	-484	158,000
October	92,300	11,700	66,800	8,540	-2,550	165,000
November	W	11,800	49,000	9,510	4,330	W
December	W	11,500	59,500	7,830	-10,900	W
January–December	985,000	153,000	663,000	125,000	-132,000	1,810,000
2020:						
January	63,300 [r]	13,000	62,300	4,170	-17,300	152,000 [r]
February	71,000	13,400 [r]	34,400	2,470	13,400	103,000 [r]
March	74,900 [r]	12,600	70,500	4,000	6,860 [r]	147,000
April	64,600	13,500 [r]	74,300	1,580	6,790	144,000 [r]
May	68,200	13,000 [r]	66,200	540	18,600 [r]	128,000 [r]
June	68,200	12,700	63,300	1,220	19,000	124,000
January–June	410,000	78,100	371,000	14,000	47,300	798,000

[p]Preliminary. [r]Revised. W Withheld to avoid disclosing company proprietary data.
[1]Data are rounded to no more than three significant digits; may not add to totals shown.
[2]Includes reported monthly production of copper from old scrap of copper-base, an estimate for annual reporters, and a monthly average of copper from non-copper-base materials based on 2018 annual data.
[3]Source: U.S. Census Bureau.

TABLE 9

CONSUMPTION OF PURCHASED COPPER-BASE SCRAP[1]

(Metric tons, gross weight)

Period	Smelters and refineries		Ingot makers[2]		Brass and wire-rod mills[3]		Foundries, etc.[2]		Total scrap used
	New scrap[e]	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2019:[p]									
January–June	10,400	11,900	12,300 [r]	28,800 [r]	359,000	21,200	15,400 [r]	6,040 [r]	465,000
June	1,730	1,850	2,050 [r]	4,790 [r]	59,400	3,910	2,570 [r]	1,010 [r]	77,300 [r]
July	1,730	2,260	2,050 [r]	4,790 [r]	57,100	3,880	2,570 [r]	1,010 [r]	75,400 [r]
August	1,730	4,310	2,050 [r]	4,790 [r]	61,000	3,240	2,570 [r]	1,010 [r]	80,700 [r]
September	1,730	1,730	2,050 [r]	4,790 [r]	57,800	2,510	2,570 [r]	1,010 [r]	74,200 [r]
October	1,730	1,730	2,050 [r]	4,790 [r]	59,200	2,720	2,570 [r]	1,010 [r]	75,800 [r]
November	1,730	1,610	2,050 [r]	4,790 [r]	59,800	2,760	2,570 [r]	1,010 [r]	76,400
December	1,730	1,610	2,050 [r]	4,790 [r]	59,900	2,460	2,570 [r]	1,010 [r]	76,100 [r]
January–December	20,700	25,100	24,600 [r]	57,500 [r]	714,000	38,800	30,800 [r]	12,100 [r]	923,000 [r]
2020:									
January	1,730	1,660	2,050 [r]	4,790 [r]	61,600	3,960	2,570 [r]	1,010 [r]	79,400 [r]
February	1,730	2,180	2,050 [r]	4,790 [r]	60,500	3,790	2,570 [r]	1,010 [r]	78,700
March	1,730	1,590	2,050 [r]	4,790 [r]	60,300	3,590	2,570 [r]	1,010 [r]	77,600 [r]
April	1,730	2,940	2,050 [r]	4,790 [r]	59,900	3,150	2,570 [r]	1,010 [r]	78,100 [r]
May	1,730	2,790	2,050 [r]	4,790 [r]	59,500	2,760	2,570 [r]	1,010 [r]	77,200
June	1,730	2,000	2,050	4,790	59,900	3,160	2,570	1,010	77,200
January–June	10,400	13,200	12,300	28,800	362,000	20,400	15,400	6,040	468,000

[e]Estimated. [p]Preliminary. [r]Revised.

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

[2]Monthly data estimated based on the monthly average of 2018 annual data.

[3]Consumption at brass and wire-rod mills assumed equal to receipts.

TABLE 10
COPPER STOCKS AT END OF PERIOD[1]

(Metric tons)

Period	Crude copper[2]	Refined copper						
		Refineries	Wire-rod mills	Brass mills	Other[3]	Comex	LME[4]	Total refined
2019:[p]								
June	13,600	5,000	20,700	7,120	7,070	30,700	38,000	109,000
July	15,500	4,350	25,000	7,070	7,070	36,000	39,200	119,000
August	14,500	5,050	15,400	6,930	7,070	40,000	45,700	120,000
September	8,340	7,180	16,200	6,800	7,070	36,000	46,500	120,000
October	25,400	10,600	17,500	6,680	7,070	33,200	42,200	117,000
November	10,200	6,650	18,200	6,580	7,070	36,400	46,600	121,000
December	16,400	7,010	20,000	7,520	7,070	34,100	35,000	111,000
2020:								
January	9,590	7,200 [r]	24,800	7,330	7,070	27,600	19,300	93,300
February	17,900	7,810	21,900	7,250	7,070	26,000	36,700	107,000
March	7,940 [r]	2,750 [r]	28,600	7,290	7,070	29,800	38,100	114,000
April	7,430 [r]	10,300	19,900	7,210	7,070	38,700	37,200	120,000
May	11,900	3,550	21,200	7,730	7,070	55,900	43,500	139,000
June	11,000	2,070	17,200	7,900	7,070	75,600	48,000	158,000

[p]Preliminary. [r]Revised.
[1]Data are rounded to no more than three significant digits; may not add to totals shown.
[2]Copper content of blister and anode.
[3]Monthly estimates based on 2018 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.
[4]London Metal Exchange Ltd., U.S. warehouses.

TABLE 11
AVERAGE PRICE OF COPPER IN THE UNITED STATES
AND ON THE LONDON METAL EXCHANGE

(Cents per pound)

Period	U.S. producers cathode[1]	Comex first position[2]	LME cash price Grade A
2019:			
June	274.968	267.843	266.166
July	275.657	268.657	269.397
August	264.293	257.243	258.890
September	266.490	259.740	260.588
October	268.065	261.165	260.470
November	272.588	265.463	265.774
December	284.342	277.029	274.970
Year	279.596	272.267	272.364
2020:			
January	282.467	274.967	274.362
February	265.695	258.382	257.907
March	243.464	236.714	234.886
April	236.881	230.631	228.985
May	245.090	238.715	237.402
June	266.305	259.805	260.470
January–June	256.650	249.869	249.002

[1]Sum of "Comex high grade first position" and "NY dealer premium cathode."
[2]Listed as "Comex high grade first position."

Source: Platts Metals Week.

TABLE 12
AVERAGE BUYING PRICES FOR COPPER SCRAP IN THE UNITED STATES

(Cents per pound)

Period	Brass mills No. 1 scrap	Refiners No. 2 scrap	Dealers (United States)[1] No. 2 scrap	Dealers (United States)[1] Red brass turnings and borings
2019:				
June	257.40	225.70	188.00	138.00
July	258.48	227.95	186.32	138.00
August	247.20	217.00	181.68	134.18
September	250.05	220.50	170.50	131.00
October	250.04	221.04	170.50	128.00
November	253.84	224.84	172.50	127.53
December	264.76	236.19	172.12	127.00
Year	262.76	233.19	185.19	136.53
2020:				
January	262.29	234.76	200.00	139.00
February	244.87	218.26	185.00	115.00
March	223.75	197.73	190.00	139.00
April	219.33	196.05	148.00	125.00
May	230.18	208.95	165.00	111.00
June	253.82	232.41	182.09	120.55
January–June	239.04	214.69	178.35	124.93

[1]As of January 2020, domestic dealers prices were available only for the entire United States, whereas dealers prices were available only for individual domestic markets prior to January 2020. Dealers prices in 2019 are for New York, and dealers prices in 2020 are for the entire United States.

Source: Fastmarkets AMM.

TABLE 13

U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS[1]

(Metric tons, copper content)

Country or locality	Ore and concentrates[2]			Matte, ash, and precipitates[3]			Blister and anodes			Refined		
		2020			2020			2020			2020	
	2019	June	January–June	2019	June	January–June	2019	June	January–June	2019	June	January–June
Belgium	--	--	--	228	--	109	--	--	--	2,300	--	--
Bolivia	--	--	--	13	--	--	--	--	--	1,510	--	264
Canada	(4)	--	--	451	(4)	133	(4)	--	(4)	138,000	15,500	81,500
Chile	--	--	--	--	--	--	--	--	--	422,000	36,900	212,000
Finland	--	--	--	--	--	--	191	--	165	38	--	--
Germany	--	--	--	(4)	--	--	--	(4)	(4)	2,010	113	1,060
Japan	--	--	--	295	--	82	(4)	(4)	(4)	2,540	103	1,390
Mexico	27,000	--	--	138	(4)	(4)	(4)	--	--	82,300	8,950	64,800
Netherlands	--	--	--	120	--	--	4	--	(4)	(4)	--	(4)
Peru	(4)	--	--	--	--	--	--	--	--	10,000	1,500	9,310
Saudi Arabia	--	--	--	98	--	--	--	--	--	--	--	--
Spain	--	--	--	540	--	--	1	--	--	(4)	--	654
Tunisia	--	--	--	--	--	--	35	--	--	--	--	--
Zambia	--	--	--	--	--	--	--	--	--	689	--	--
Other	27	--	--	76	(4)	4	5	(4)	2	1,160	118	456
Total	27,000	--	--	1,960	(4)	328	236	(4)	168	663,000	63,300	371,000

-- Zero.

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

[2]Copper ore and concentrates only; excludes copper contained in ore and concentrates of other metals.

[3]Copper matte, ash, and precipitates only; excludes the copper content of mattes and ashes of other metals.

[4]Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 14

U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS[1]

(Metric tons, copper content)

Country or locality	Ore and concentrates[2]			Matte, ash, and precipitates[3]			Blister and anodes			Refined		
		2020			2020			2020			2020	
	2019	June	January–June	2019	June	January–June	2019	June	January–June	2019	June	January–June
Austria	--	--	--	--	--	--	127	--	--	--	--	--
Belgium	161	--	97	3,290	321	3,600	359	4	76	129	--	43
Brazil	5,370	--	--	--	--	--	39	--	10	1	1	4
Bulgaria	15,900	--	4,350	--	--	--	--	--	--	--	--	--
Canada	14,400	2,560	15,300	14,700	1,240	5,960	2,600	243	871	32,100	39	7,870
China	7	3,970	6,210	97	21	21	200	24	86	13	1	55
Germany	--	--	--	597	20	140	286	--	100	1	--	--
Hong Kong	--	--	2	19	--	--	279	--	52	20	--	1
India	--	3	11	--	--	--	259	--	100	36	--	--
Italy	--	--	--	--	--	--	208	2	50	26	(4)	86
Japan	27,400	--	5,880	48	--	58	26	--	23	11	--	3
Korea, Republic of	15,500	2,370	6,300	74	1	1	1,520	116	699	682	9	36
Malaysia	35	--	--	--	--	--	188	5	79	1	--	--
Mexico	248,000	19,100	130,000	1,210	1	1	32	(4)	11	92,100	1,150	5,770
Philippines	11,900	2,310	6,250	--	--	--	56	--	10	2	--	--
Slovakia	--	--	--	1,080	38	585	--	--	--	--	--	--
Spain	22,700	--	8,990	259	191	660	61	--	20	--	--	--
Sweden	--	--	--	--	--	--	463	--	135	(4)	--	--
Other	1,950	20	2,190	763	26	390	564	33	543	181	22	106
Total	363,000	30,300	186,000	22,200	1,860	11,400	7,270	427	2,870	125,000	1,220	14,000

-- Zero.

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

[2]Copper ore and concentrates only; excludes copper contained in ore and concentrates of other metals.

[3]Copper matte, ash, and precipitates only; excludes the copper content of mattes and ashes of other metals.

[4]Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15
U.S. IMPORTS FOR CONSUMPTION OF COPPER SCRAP[1]

(Metric tons, gross weight)

Country or locality	Unalloyed			Alloyed		
		2020			2020	
	2019	June	January–June	2019	June	January–June
Bahamas	--	--	--	736	40	309
Canada	16,700	1,150	7,250	49,900	2,790	18,400
Chile	--	--	--	1,300	--	40
Colombia	251	--	31	1,050	41	344
Costa Rica	473	96	240	1,160	61	365
Dominican Republic	610	49	290	2,120	64	576
El Salvador	--	--	--	695	--	142
Germany	188	--	103	111	--	43
Guatemala	17	--	--	603	34	133
Honduras	63	1	35	679	19	243
Japan	1,040	--	--	--	--	--
Mexico	11,500	616	3,620	42,100	2,010	16,300
Pakistan	151	--	--	--	--	--
Panama	736	8	388	483	9	132
Suriname	124	11	29	100	8	29
Venezuela	28	--	--	554	28	55
Vietnam	114	3	55	17	--	9
Other	519	8	177	3,850	215	947
Total	32,600	1,940	12,200	105,000	5,310	38,100

-- Zero.

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

Source: U.S. Census Bureau.

TABLE 16

U.S. EXPORTS OF COPPER SCRAP[1]

(Metric tons, gross weight)

Country or locality	Unalloyed							Alloyed				
		2020							2020			
		No. 1		No. 2		Other			Segregated		Unsegregated	
	2019	June	January–June	June	January–June	June	January–June	2019	June	January–June	June	January–June
Belgium	23,600	420	2,880	710	6,300	80	551	14,300	19	390	758	5,160
Canada	49,200	--	--	--	--	3,740	26,300	42,000	--	--	2,290	12,900
China	74,800	2,770	12,400	1,560	8,270	3,640	12,600	13,100	1,710	4,190	2,490	7,870
Germany	29,400	795	8,920	110	2,000	413	3,100	14,300	61	415	1,250	8,540
Greece	8,180	873	3,230	412	1,110	40	687	973	19	278	--	434
Hong Kong	19,900	951	3,930	85	260	218	1,160	30,500	41	1,080	570	5,200
India	14,400	270	1,230	182	1,980	101	1,650	45,500	1,740	10,700	876	6,770
Japan	22,600	185	1,090	615	3,640	122	1,370	20,300	56	870	822	5,910
Korea, Republic of	46,900	1,590	13,600	558	4,000	887	4,360	25,000	524	3,590	1,260	6,790
Malaysia	65,300	249	2,060	1,020	5,640	1,940	11,700	156,000	1,470	8,580	8,940	48,100
Netherlands	4,300	275	1,110	59	262	212	1,060	1,010	--	--	--	282
Pakistan	882	--	17	92	412	--	--	19,800	--	82	1,290	6,270
Poland	5,450	--	1,560	60	686	--	781	45	--	--	565	1,900
Spain	1,510	141	303	431	1,130	145	505	8,510	319	1,490	446	2,700
Taiwan	20,300	504	3,100	400	2,370	623	4,660	20,300	348	1,780	1,700	5,810
Thailand	4,120	48	932	40	726	105	1,480	16,300	276	2,270	1,030	5,880
Other	31,200	952	8,000	713	6,760	472	4,730	21,300	372	2,130	1,170	7,800
Total	422,000	10,000	64,400	7,040	45,500	12,700	76,800	450,000	6,950	37,900	25,500	138,000

-- Zero.

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

Source: U.S. Census Bureau.