

Mineral Industry Surveys

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COPPER IN MARCH 2011

Average daily mine and refinery production of copper in March were unchanged compared with production in February, according to data compiled by the U.S. Geological Survey. Average daily smelter production, however, fell by about 7% owing to a maintenance shutdown at one of the three operating smelters. Mine, smelter, and refinery production in the first quarter of 2011 were down by 4%, 6%, and 12%, respectively, from that during the same period of 2010. The disproportionate drop in refined production reflects the mid-2010 closure of the White Pine, MI, refinery that processed imported anode; a shortage of domestic anodes; and increased exports of copper in concentrate.

Copper production in the first quarter of 2011 at Kennecott Utah Copper's Bingham Canyon Mine fell to 60,400 metric tons (t), down by 12% from that in the fourth quarter of 2010, owing to lower mill-head grades. (See Copper in January 2011.) Freeport-McMoRan Copper and Gold Inc. (FCX) (Phoenix, AZ) reported that its U.S. operations (including minority owner's share) produced about 138,000 t of recoverable copper in the first quarter of 2011, which was essentially unchanged from that in the fourth quarter of 2010. Production increases at its Miami, Morenci, and Sierrita Mines in Arizona were offset by lower production at its Bagdad and Safford Mines in Arizona and its Tyrone Mine in New Mexico. In March, the Morenci Mine reached its target stepped-up mining rate of 635,000 metric tons per day (t/d) of ore, up from 450,000 t/d in 2009. The increased mining rate and completion of ramp-up of the Morenci sulfide mill during the second quarter (restarted in March 2010) were projected to increase production by about 57,000 metric tons per year (t/yr) of copper. During the first quarter, FCX began a feasibility study to expand sulfide mining and milling capacity to produce an additional 68,000 t/yr to 90,000 t/yr of copper within a 2- to 3-year timeframe. FCX also continued to ramp up production at its Miami Mine, with a goal of adding 45,000 t/yr of copper production by 2012, and was preparing to restart mining and milling (suspended in 2008) at its Chino Mine, which was projected to increase production by 45,000 t of copper in 2012 and an additional 45,000 t in 2013 (Freeport-

McMoRan Copper and Gold Inc., 2011a, p. 3–4, 13; 2011b, p. 3–4, 14).

Quadra FNX Mining Ltd. reported that first quarter 2011 combined production of 11,000 t of copper from its Carlota Mine in Arizona and its Robinson Mine in Nevada was down by 25% from that in the fourth quarter of 2010. At Robinson, production was shifted from the Veteran Pit to the Ruth Pit during the fourth quarter of 2010, and mud problems and lack of access to different sections of the pit were limiting production. A second ramp under construction in the Ruth Pit along with completion of mud removal was expected to boost production during the second half of 2011. At Carlota, the transition from truck to conveyor stacking of ore on the leach pad reduced first quarter production (Quadra FNX Mining Ltd., 2011).

Update

The COMEX spot price of copper averaged \$4.30 per pound of copper in April, down marginally from that in March. Copper prices softened significantly in May, falling below \$4.00 per pound at mid-month and averaging \$4.06 per pound. Though the average COMEX spot price rose slightly to \$4.11 per pound in June, prices began an upward spike at month-end, with the COMEX spot price rising from \$4.05 per pound on June 27 to \$4.43 per pound on July 7, before stabilizing near \$4.40 per pound. The steep rise in prices was in part attributable to supply concerns from strike activity in Indonesia and Chile.

References Cited

- Freeport-McMoRan Copper & Gold Inc., 2011a, Freeport-McMoRan Copper & Gold Inc. reports first-quarter 2011 results: Phoenix, AZ, Freeport-McMoRan Copper & Gold Inc. news release, May 20, 29 p.
- Freeport-McMoRan Copper & Gold Inc., 2011b, Freeport-McMoRan Copper & Gold Inc. reports fourth-quarter and year ended December 31, 2010 results: Phoenix, AZ, Freeport-McMoRan Copper and Gold Inc. news release, January 20, 41 p.
- Quadra FNX Mining Ltd., 2011, Quadra FNX announces first quarter production results: Vancouver, British Columbia, Canada, Quadra FNX Mining Ltd. press release, April 19, 2 p.

TABLE 1
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES¹

(Metric tons, unless otherwise specified)

	Source table ²	2011				January– March
		2010 ^p	January	February	March	
Production:						
Primary:						
Mine, recoverable	(2)	1,110,000	90,200	82,500	91,400	264,000
Refinery:						
Electrolytic, domestic and foreign	(4)	627,000	49,500	42,200	44,500	136,000
Electrowon	(4)	430,000 ^r	33,700	31,400	37,200	102,000
Total	(4)	1,060,000	83,200	73,500	81,800	239,000
Secondary recoverable copper:						
Refineries	(5)	37,700	3,830	2,970	3,240	10,000
Ingot makers ³	(5)	73,900	6,160	6,160	6,160	18,500
Brass and wire-rod mills	(5)	565,000	50,400	46,600	48,300	145,000
Foundries, etc. ³	(5)	46,100	3,840	3,840	3,840	11,500
Smelter, total	(3)	601,000	52,100	42,000	43,000	137,000
Consumption:						
Apparent	(8)	1,740,000	149,000	125,000	165,000	439,000
Refined (reported)	(7)	1,760,000	152,000	148,000	150,000	451,000
Purchased copper-base scrap	(9)	915,000	80,900	76,000	78,500	235,000
Stocks at end of period:						
Total refined	(10)	384,000	382,000	382,000	372,000	372,000
Blister, etc.	(10)	21,100	25,200	24,800	24,700	24,700
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	348.337	440.254	454.992	437.780	444.342
Imports:⁵						
Ore and concentrate ⁶	(13)	1,390	--	4	NA	4 ⁷
Refined	(13)	605,000	57,400	50,500	NA	108,000 ⁷
Exports:⁵						
Ore and concentrate⁶	(14)	137,000	17,000	13,400	NA	30,400 ⁷
Refined	(14)	78,300	1,640	5,010	NA	6,650 ⁷

^pPreliminary. NA Not available. -- Zero.

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

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

³Monthly data estimated based on 2009 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

⁷Includes data for January–February only; March 2011 data were not available at time of publication.

TABLE 2
MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES¹

(Metric tons)

Period	Recoverable copper			Contained copper		
	Arizona	Others ²	Total	Electrowon	Concentrates ³	Total
2010: ^P						
March	56,600	36,500	93,200	37,100 ^r	57,700	94,900 ^r
April	56,600	33,300	89,900	34,200 ^r	57,400	91,600 ^r
May	61,500	30,400	91,900	36,900 ^r	56,800 ^r	93,600 ^r
June	58,600	27,500	86,000	35,000 ^r	52,700	87,700 ^r
July	59,100	35,300	94,400	36,000	60,200	96,200
August	56,200	37,800 ^r	94,100 ^r	34,500	61,400	95,900
September	57,700	32,100	89,800	33,600	58,000	91,600
October	60,000	39,000	99,100	35,000	66,000	101,000
November	57,600	35,600	93,100	34,600	60,600	95,200
December	63,600	31,500	95,100	35,400	61,900	97,300
January–December	703,000	406,000	1,110,000	430,000	701,000	1,130,000
2011:						
January	57,300	32,900	90,200	33,700	58,400	92,100
February	53,000	29,600	82,500	31,400	53,100	84,500
March	60,800	30,600	91,400	37,200	56,300	93,500
January–March	171,000	93,000	264,000	102,000	168,000	270,000

^PPreliminary. ^rRevised.

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

²Includes production from Idaho, Missouri, Montana, Nevada, New Mexico, and Utah.

³Includes copper content of precipitates and other metal concentrates.

TABLE 3
COPPER PRODUCED AT SMELTERS IN
THE UNITED STATES, BY SOURCE^{1,2}

(Metric tons, copper content)

Period	Anode production
2010: ^P	
March	52,000
April	46,100
May	36,400
June	57,100
July	59,000
August	60,600
September	50,900
October	47,400
November	46,500
December	50,600
January–December	601,000
2011:	
January	52,100
February	42,000
March	43,000
January–March	137,000

^PPreliminary.

¹Includes blister, anode and copper from primary or secondary sources.

²Data are rounded to no more than three significant digits; may not add to total shown.

TABLE 4
PRODUCTION OF REFINED COPPER, BY SOURCE AND METHOD OF RECOVERY¹

(Metric tons)

Period	Primary materials			Scrap	Total refined
	Electrolytically refined ²	Electrowon	Total		
2010: ^P					
March	55,200	37,100 ^r	92,400 ^r	2,830	95,200
April	52,100	34,200 ^r	86,300 ^r	3,290	89,500
May	45,600	36,900 ^r	82,400 ^r	2,960	85,400
June	51,000	35,000 ^r	86,000 ^r	3,280	89,300
July	56,400	36,000	92,400	3,180	95,600
August	56,500	34,500	91,000	3,450	94,400
September	57,200	33,600	90,800	3,330	94,200
October	51,800	35,000	86,900	3,240	90,100
November	46,300	34,600	80,900	3,200	84,100
December	50,900	35,400	86,300	2,850	89,200
January–December	627,000	430,000 ^r	1,060,000	37,700	1,090,000
2011:					
January	49,500	33,700	83,200	3,830	87,100
February	42,200	31,400	73,500	2,970	76,500
March	44,500	37,200	81,800	3,240	85,000
January–March	136,000	102,000	239,000	10,000	249,000

^PPreliminary.

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

²From domestic and foreign source materials.

TABLE 5
COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP¹

(Metric tons, copper content)

Period	Refineries ²		Ingot makers ³		Brass and wire-rod mills		Foundries, etc. ³		Total ⁴
	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2010: ^P									
March	1,320	1,510	958	5,200	48,500	1,420	2,580	1,260	62,800
April	1,730	1,550	958	5,200	45,300	1,420	2,580	1,260	60,000
May	1,470	1,490	958	5,200	44,900	1,420	2,580	1,260	59,300
June	1,720	1,560	958	5,200	51,400	1,420	2,580	1,260	66,100
July	1,650	1,530	958	5,200	43,700	1,460	2,580	1,260	58,300
August	1,840	1,620	958	5,200	46,600	1,460	2,580	1,260	61,500
September	1,770	1,560	958	5,200	45,900	1,460	2,580	1,260	60,700
October	1,700	1,540	958	5,200	45,400	1,420	2,580	1,260	60,000
November	1,660	1,540	958	5,200	43,100	1,420	2,580	1,260	57,700
December	1,390	1,470	958	5,200	39,100	1,420	2,580	1,260	53,400
January–December	19,100	18,600	11,500	62,400	548,000	17,200	30,900	15,200	722,000
2011:									
January	2,040	1,790	958	5,200	48,900	1,500	2,580	1,260	64,300
February	1,460	1,500	958	5,200	45,200	1,480	2,580	1,260	59,600
March	1,690	1,540	958	5,200	46,800	1,530	2,580	1,260	61,600
January–March	5,200	4,840	2,870	15,600	141,000	4,510	7,730	3,790	185,000

^PPreliminary.

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

²Electrolytically refined and fire-refined scrap based on source of material at smelter level.

³Monthly data and 2010 cumulative data estimated based on 2009 annual data.

⁴Does not include an estimate, based on reported 2009 data, of 2,450 tons per month from new scrap and 1,410 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 SEMIFABRICATES¹

(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
2010: ^p						
March	81,900	112,000	82,900	113,000	30,100	24,800
April	79,500	106,000	79,700	105,000	29,900	26,100
May	77,900	103,000	76,800	104,000	31,000	25,100
June	80,800	104,000	81,400	111,000	30,500	18,400
July	75,900	112,000	77,600	108,000	28,800	22,200
August	81,100	111,000	81,400	110,000	28,600	22,600
September	81,200	110,000	80,300	109,000	29,500	23,400
October	80,600	106,000	80,800	107,000	29,300	22,000
November	78,300	93,500	77,600	100,000	30,000	15,100
December	75,100	90,100	74,900	80,900	30,100	24,300
January–December	956,000	1,250,000	958,000	1,240,000	30,100	24,300
2011:						
January	80,700	109,000	81,000	110,000	29,800	23,800
February	77,700 ^r	107,000	78,500 ^r	103,000	29,000 ^r	28,300
March	77,900	105,000	82,100	113,000	30,900	20,500
January–March	236,000	321,000	242,000	325,000	30,900	20,500

^pPreliminary. ^rRevised.

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

TABLE 7
CONSUMPTION OF REFINED COPPER¹

(Metric tons)

Period and item	Brass mills	Wire-rod mills	Other plants ²	Total
2010: ^p				
March	39,000	110,000	4,500	154,000
April	40,700	108,000	4,500	153,000
May	38,400	105,000	4,500	148,000
June	36,600	107,000	4,500	148,000
July	39,000	113,000	4,500	156,000
August	37,300	109,000	4,500	151,000
September	37,700	109,000	4,500	151,000
October	38,300	104,000	4,500	147,000
November	38,400	94,400	4,500	137,000
December	35,800	90,000	4,500	130,000
January–December	459,000	1,250,000	54,000	1,760,000
2011:				
January	37,500	110,000	4,500	152,000
February	35,900	108,000	4,500	148,000
March:				
Cathodes	25,200	109,000	1,090	135,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	1,240	--	1,400	2,640
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	10,300	--	2,010	12,300
Total	36,800	109,000	4,500	150,000
January–March	110,000	328,000	13,500	451,000

^pPreliminary. -- Zero.

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

²Consumption by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2009 annual data.

³Withheld to avoid disclosing company proprietary data; included with "Billets and other."

TABLE 8
U.S. APPARENT CONSUMPTION OF COPPER¹

(Metric tons)

Period	Refined copper production	Copper in old scrap ²	Refined general imports ³	Refined exports ³	Stock change during period	Apparent consumption
2010: ^P						
March	92,100	10,800	44,700	13,600	(19,600)	154,000
April	85,900	10,800	42,900	10,400	(12,200)	141,000
May	82,100	10,800	40,200	4,670	(20,600)	149,000
June	85,700	10,800	55,200	4,520	(3,790)	151,000
July	92,400	10,900	63,400	4,200	(8,520)	171,000
August	91,000	11,000	35,300	5,250	(15,200)	147,000
September	90,800	10,900	31,300	6,980	(26,100)	152,000
October	86,900	10,800	40,500	1,540	(17,000)	154,000
November	80,900	10,800	34,400	1,220	(8,180)	133,000
December	86,300	10,800	63,300	5,690	28,000	127,000
January–December	1,060,000	130,000	583,000	78,300	(50,500)	1,740,000
2011:						
January	83,200	11,200	54,200	1,640	(1,700)	149,000
February	73,500	10,900	46,100	5,010	432	125,000
March	81,800	10,900	65,300	3,130	(10,600)	165,000
January–March	239,000	33,000	165,000	9,780	(11,800)	439,000

^PPreliminary.

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

²Includes 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 2009 data.

³Source: U.S. Census Bureau.

TABLE 9
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP¹

(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	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2010: ^P									
March	1,420	1,500	2,880	6,460	60,800	1,430	4,020	1,520	80,000
April	1,790	1,600	2,880	6,460	56,200	1,430	4,020	1,520	75,900
May	1,520	1,530	2,880	6,460	56,100	1,430	4,020	1,520	75,500
June	1,780	1,600	2,880	6,460	64,400	1,430	4,020	1,520	84,100
July	1,700	1,580	2,880	6,460	54,600	1,500	4,020	1,520	74,300
August	1,930	1,630	2,880	6,460	57,500	1,500	4,020	1,520	77,400
September	1,830	1,610	2,880	6,460	57,100	1,500	4,020	1,520	76,900
October	1,750	1,590	2,880	6,460	56,200	1,430	4,020	1,520	75,900
November	1,710	1,580	2,880	6,460	53,700	1,430	4,020	1,520	73,300
December	1,430	1,510	2,880	6,460	48,400	1,430	4,020	1,520	67,700
January–December	20,100	18,800	34,500	77,600	681,000	17,500	48,200	18,300	915,000
2011:									
January	2,270	1,680	2,880	6,460	60,500	1,570	4,020	1,520	80,900
February	1,530	1,530	2,880	6,460	56,500	1,540	4,020	1,520	76,000
March	1,750	1,590	2,880	6,460	58,700	1,610	4,020	1,520	78,500
January–March	5,540	4,800	8,630	19,400	176,000	4,720	12,100	4,560	235,000

^PPreliminary.

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

²Monthly data estimated from 2009 annual data.

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

TABLE 10
COPPER STOCKS AT END OF PERIOD¹

(Metric tons)

Period	Crude copper ²	Refined copper					Total refined	
		Refineries ³	Wire-rod mills ³	Brass mills ³	Other ⁴	Comex		
2010:^P								
March	25,500	14,100	19,400	6,540	4,290	91,700	331,000	467,000
April	24,400	13,200	10,400	7,170	4,290	91,700	328,000	455,000
May	23,800	5,460	9,150	7,130	4,290	92,500	316,000	434,000
June	18,100	6,490	12,600	8,470	4,290	92,500	306,000	431,000
July	23,700	5,670	15,800	7,070	4,290	91,400	298,000	422,000
August	22,400	5,970	10,100	8,720	4,290	86,500	291,000	407,000
September	19,900	5,780	7,910	8,140	4,290	77,000	278,000	381,000
October	17,600	4,110	9,600	6,080	4,290	68,100	272,000	364,000
November	23,400	4,350	11,900	6,040	4,290	65,100	264,000	356,000
December	21,100	10,300	19,700	6,400	4,290	58,600	284,000	384,000
2011:								
January	25,200	11,700	17,600	7,470	4,290	64,100	277,000	382,000
February	24,800	9,220	12,800	8,420	4,290	75,200	273,000	382,000
March	24,700	6,360	18,200	7,050	4,290	76,900	259,000	372,000

^PPreliminary.

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

²Copper content of blister and anode.

³Stocks of refined copper as reported; no estimates are made for nonrespondents.

⁴Monthly estimates based on reported and 2009 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

⁵London 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 delivered price cathode ¹	Comex first position ²	LME cash price Grade A
2010:			
March	345.367	339.541	338.487
April	357.745	351.919	351.279
May	316.404	310.578	310.130
June	299.533	293.707	294.774
July	312.252	306.426	305.477
August	337.808	331.982	330.353
September	357.624	351.798	349.671
October	383.138	377.312	376.111
November	390.033	384.207	384.153
December	422.799	416.973	414.885
January–December	348.337	342.511	341.744
2011:			
January	440.254	434.428	433.403
February	454.992	449.166	447.567
March	437.780	431.954	432.278
January–March	444.342	438.516	437.749

¹Listed as "U.S. producer cathode."

²Listed as "Comex high grade first position."

Source: Platts Metals Week.

TABLE 12
NEW YORK AVERAGE BUYING PRICES FOR COPPER SCRAP

(Cents per pound)

Month	Brass mills No. 1 scrap	Refiners No. 2 scrap	Dealers (New York)	
			No. 2 Scrap	Red brass turnings and borings
2010:				
March	331.83	310.04	263.37	173.91
April	343.18	322.32	280.68	180.00
May	304.00	273.90	249.50	163.00
June	291.00	264.33	222.50	155.00
July	299.57	275.33	219.64	153.57
August	321.05	299.18	260.68	165.00
September	342.62	317.67	265.36	165.00
October	366.33	332.33	278.93	172.62
November	370.45	327.60	282.50	175.00
December	304.89	272.26	229.61	150.00
January–December	325.19	297.67	252.40	164.12
2011:				
January	417.40	364.60	291.25	176.25
February	432.47	375.63	317.50	195.00
March	418.96	365.30	316.30	188.26
January–March	422.94	368.51	308.35	186.50

Source: American Metal Market.

TABLE 13
U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS¹

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash, and precipitates			Blister and anodes			Refined		
	2011			2011			2011			2011		
	2010	February	January–February	2010	February	January–February	2010	February	January–February	2010	February	January–February
Belgium	9	--	--	47	36	36	--	--	--	(2)	--	1
Brazil	--	--	--	--	--	--	--	--	--	1,980	--	--
Canada	1,270	4	4	310	8	12	21,700	(2)	(2)	168,000	11,800	26,900
Chile	--	--	--	--	--	--	--	--	--	308,000	29,100	57,200
Finland	--	--	--	--	--	--	348	18	34	1	(2)	(2)
Germany	--	--	--	--	--	--	(2)	--	--	3,180	312	525
Japan	--	--	--	3	--	--	15	1	3	4,990	299	589
Kuwait	--	--	--	138	--	--	--	--	--	--	--	--
Mexico	17	--	--	--	--	--	3,990	--	--	19,200	4,280	10,200
Netherlands	87	--	--	136	5	5	3	--	--	--	--	--
Peru	--	--	--	--	--	--	--	--	--	97,100	4,660	12,300
Taiwan	(2)	--	--	(2)	--	--	--	--	--	1	--	(2)
Other	14	--	--	206	15	39	160	20	22	2,400	29	272
Total	1,390	4	4	840	64	92	26,300	39	59	605,000	50,500	108,000

-- Zero.

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

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 14
U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS¹
(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash and precipitates			Blister and anodes			Refined		
	2011			2011			2011			2011		
	2010	February	January–February	2010	February	January–February	2010	February	January–February	2010	February	January–February
Canada	12,800	955	1,840	41,400	3,480	5,690	6,010	82	285	8,030	858	958
China	82,300	3,870	9,110	455	--	54	294	20	40	34,300	--	82
Germany	18	--	9	846	17	17	2,160	56	186	30	10	10
Hong Kong	--	--	--	--	--	--	1,740	119	217	4,690	--	--
Italy	--	--	--	39	--	--	60	20	41	12,300	991	1,440
Japan	9,610	--	4,200	100	--	--	1,920	71	122	39	--	2
Korea, Republic of	3,100	--	--	--	--	--	659	65	108	113	--	1
Mexico	24,700	8,550	15,200	--	--	--	670	13	16	16,100	3,040	3,970
Singapore	(2)	--	--	--	--	--	107	--	20	2	--	--
Spain	--	--	--	122	--	--	140	23	44	20	--	--
Sweden	--	--	--	--	--	--	9	--	--	--	--	--
Switzerland	3,730	--	--	--	--	--	22	--	--	5	--	--
Taiwan	1	--	--	--	--	--	454	58	78	800	--	--
Other	304	1	3	969	261	320	2,620	231	432	1,900	107	182
Total	137,000	13,400	30,400	44,000	3,760	6,080	16,900	758	1,590	78,300	5,010	6,650

-- Zero.

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

²Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15
U.S. COPPER SCRAP IMPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2011			2011		
	2010	February	January– February	2010	February	January– February
Canada	9,010	1,280	2,770	32,500	3,070	5,420
Chile	--	--	--	80	288	288
Costa Rica	867	128	211	2,100	217	372
Germany	28	--	2	24	--	6
Guatemala	651	58	111	1,070	100	294
Honduras	20	--	--	701	111	185
Jamaica	237	24	32	361	43	50
Japan	14	--	--	9	--	--
Mexico	5,850	759	1,250	29,900	2,150	4,500
Nicaragua	1,270	106	173	1,330	135	210
Other	3,440	362	744	6,340	510	1,390
Total	21,400	2,720	5,290	74,500	6,630	12,700

-- Zero.

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

Source: U.S. Census Bureau.

TABLE 16
U.S. COPPER SCRAP EXPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed							Alloyed					
	2011							2011					
	2010	No. 1		No. 2		Other		2010	Segregated		Unsegregated		
		February	January–February	February	January–February	February	January–February		February	January–February	February	January–February	
Belgium	11,000	422	911	1,590	2,400	211	328	19,900	154	332	801	2,110	
Canada	15,500	--	--	--	--	1,530	2,920	29,900	271	457	2,450	4,720	
China	247,000	4,220	6,790	13,700	26,900	6,570	13,600	512,000	18,800	36,000	24,600	44,400	
Germany	4,190	405	668	390	470	114	122	9,570	320	437	1,070	2,300	
Hong Kong	10,300	210	292	240	522	78	116	44,500	1,260	2,140	863	1,800	
India	965	101	101	99	99	209	303	17,900	812	1,350	20	354	
Japan	7,180	221	337	137	174	164	357	9,900	307	755	186	304	
Korea, Republic of	13,300	929	1,210	820	1,560	430	913	17,600	1,700	3,050	210	250	
Mexico	4,090	63	170	77	367	--	41	7,090	24	38	454	1,430	
Spain	2,890	320	577	262	828	19	96	8,630	187	390	639	1,500	
Taiwan	2,940	21	71	127	330	40	40	2,790	59	102	58	117	
Thailand	924	100	100	--	--	--	--	413	112	112	--	--	
Other	12,900	1,220	3,630	401	910	77	117	19,700	116	687	1,480	3,500	
Total	334,000	8,220	14,800	17,800	34,500	9,440	19,000	699,000	24,100	45,800	32,800	62,800	

-- Zero.

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

Source: U.S. Census Bureau.