

Mineral Industry Surveys

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COPPER IN SEPTEMBER 2010

Average daily copper mine production declined slightly in September from that in August, and production for the first 9 months of 2009 was down by 8% compared with that in the first 9 months of 2009, according to data compiled by the U.S. Geological Survey. Consumption of refined copper in September 2010 was unchanged from that in August and was up by about 6% from that in September 2009. Year-to-date consumption for the first 9 months of 2010 was also up by 6% from that of the first 9 months of 2009.

Freeport McMoRan Copper & Gold Inc. (FCX) reported that production at its U.S. mines for the first 9 months of 2010 totaled 378,000 metric tons (t), which was down by 7% from that in the first 9 months of 2009 principally owing to lower leach recoveries associated with mining cutbacks initiated at yearend 2008. While production at the Chino (New Mexico), Morenci (Arizona), and Tyrone (New Mexico) Mines declined only nominally, production at the Bagdad (Arizona) and Safford (Arizona) Mines fell by 14% and 21%, respectively. In response to higher prices, however, FCX was ramping up the mining rate at its Morenci Mine from an average of 450,000 metric tons per day (t/d) of ore in 2009 to 635,000 t/d, having averaged 680,000 t/d in the third quarter of 2010. FCX, which restarted its sulfide mill at Morenci in March 2010, processed an average of 31,000 t/d of ore during the third quarter. FCX also began limited mining at its Miami Mine (Arizona), where it intended to ramp up production to 45,000 metric tons per year of electrowon

copper by late 2011, and was initiating the restart of mining and milling at Chino, which were suspended at the end of 2008 (Freeport McMoRan Copper & Gold Inc. p. 1–11). Production at the Bingham Canyon Mine (Utah) in the third quarter and first three quarters of 2010 was down by 14% and 23%, respectively, compared with production in the same periods of 2009 owing to the processing of lower grade ore. Refined copper production, however, was up by 11% and 2%, respectively, during the same comparative periods (Rio Tinto plc, 2010, p. 3).

Update

Though fluctuating on a daily basis, copper prices continued their upward trend with the COMEX price averaging \$3.77 per pound of copper in October and \$3.84 per pound in November. In December, prices began a precipitous climb, surpassing the previous record-high price of \$4.08 (July 2, 2008) on December 8, and climbing to a new record-high of \$4.44 per pound at yearend.

References Cited

- Freeport McMoRan Copper & Gold Inc., 2010, Freeport McMoRan Copper & Gold Inc. reports third-quarter and nine-months 2010 results: Freeport McMoRan Copper & Gold Inc. news release, October 21, 40 p.
Rio Tinto plc, 2010, Third quarter 2010 operations review: Rio Tinto plc press release, October 14, 26 p.

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

(Metric tons, unless otherwise specified)

	Source table ²	2010				January-September
		2009 ^p	July	August	September	
Production:						
Primary:						
Mine, recoverable	(2)	1,180,000	94,700 ^r	94,400 ^r	89,800	822,000
Refinery:						
Electrolytic, domestic and foreign	(4)	636,000	56,400	56,500	57,200	478,000
Electrowon	(4)	476,000	36,000 ^r	34,500 ^r	33,600	323,000
Total	(4)	1,110,000	92,400 ^r	91,000 ^r	90,800	802,000
Secondary recoverable copper:						
Refineries	(5)	46,400	3,180	3,450	3,330	28,400
Ingot makers ³	(5)	91,100	7,590	7,590	7,590	68,300
Brass and wire-rod mills	(5)	561,000	45,100	48,000 ^r	47,300	433,000
Foundries, etc. ³	(5)	44,600	3,720	3,720	3,720	33,400
Smelter, total	(3)	597,000	59,000	60,600	50,900	457,000
Consumption:						
Apparent	(8)	1,600,000	172,000	148,000	154,000	1,340,000
Refined (reported)	(7)	1,650,000	156,000	151,000 ^r	151,000	1,340,000
Purchased copper-base scrap	(9)	939,000	76,300	79,500	79,000	717,000
Stocks at end of period:						
Total refined	(10)	433,000	421,000	406,000	380,000	XX
Blister, etc.	(10)	15,500	23,700	22,400	19,900	XX
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	241.243	312.252	337.808	357.624	331.563
Imports:⁵						
Ore and concentrate ⁶	(13)	137	5	--	NA	1,120 ⁷
Refined	(13)	664,000	66,000	37,700	NA	426,000 ⁷
Exports:⁵						
Ore and concentrate ⁶	(14)	151,000	8,060	14,800	NA	89,800 ⁷
Refined	(14)	80,800	4,200	5,250	NA	62,800 ⁷

^pPreliminary. ^rRevised. NA Not available. XX Not applicable. -- 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 2008 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

⁷Includes data for January-August; September 2010 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
2009:						
September	56,500	34,100	90,700	36,600	55,900	92,400
October	60,700	37,000	97,700	39,000	60,300	99,400
November	58,600 ^r	43,800	102,000 ^r	39,700	64,700	104,000
December	62,000	26,600	88,600	42,400	47,800	90,200
January-December	711,000 ^r	470,000	1,180,000	476,000	728,000	1,200,000
2010:						
January	62,600	37,000 ^r	99,600 ^r	40,900	60,500	101,000 ^r
February	53,100	29,600 ^r	82,700 ^r	36,400	47,600	84,000
March	56,600 ^r	36,500 ^r	93,200 ^r	36,900	57,700 ^r	94,600 ^r
April	56,600 ^r	33,300 ^r	89,900 ^r	33,900	57,400 ^r	91,300 ^r
May	61,500 ^r	30,400 ^r	91,900 ^r	36,500	56,900 ^r	93,400 ^r
June	58,600 ^r	27,500 ^r	86,000 ^r	34,600	52,700 ^r	87,400 ^r
July	59,100 ^r	35,600 ^r	94,700 ^r	36,000 ^r	60,500	96,500 ^r
August	56,200 ^r	38,200 ^r	94,400 ^r	34,500 ^r	61,400	95,900 ^r
September	57,700	32,100	89,800	33,600	58,000	91,600
January-September	522,000	300,000	822,000	323,000	513,000	836,000

^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
2009:	
September	51,700
October	58,200
November	52,700
December	48,400
January-December	597,000
2010:	
January	51,200
February	43,500
March	52,000
April	46,100
May	36,400
June	57,100
July	59,000
August	60,600
September	50,900
January-September	457,000

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		
2009:					
September	54,700	36,600	91,300	2,980	94,300
October	58,800	39,000	97,800	2,960	101,000
November	55,300	39,700	94,900	3,040	98,000
December	54,900	42,400	97,300	3,210	101,000
January-December	636,000	476,000	1,110,000	46,400	1,160,000
2010:					
January	52,400	40,900	93,300	2,920	96,200
February	51,800	36,400	88,200	3,170	91,300
March	55,200	36,900	92,100	2,830	95,000
April	52,100	33,900	85,900	3,290	89,200
May	45,600	36,500	82,100	2,960	85,100
June	51,000	34,600	85,700	3,280	88,900
July	56,400	36,000 ^r	92,400 ^r	3,180	95,600 ^r
August	56,500	34,500 ^r	91,000 ^r	3,450	94,400 ^r
September	57,200	33,600	90,800	3,330	94,200
January-September	478,000	323,000	802,000	28,400	830,000

^rRevised.

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	
2009:									
September	1,490	1,490	1,270	6,330	47,300	1,450	2,690	1,030	63,100
October	1,470	1,490	1,270	6,330	46,400	1,470	2,690	1,030	62,100
November	1,540	1,500	1,270	6,330	44,400	1,450	2,690	1,030	60,200
December	1,670	1,540	1,270	6,330	45,400	1,450	2,690	1,030	61,300
January-December	20,800	25,600	15,200	75,900	545,000	16,500	32,200	12,300	743,000
2010:									
January	1,440	1,480	1,270	6,330	48,000	1,470	2,690	1,030	63,700
February	1,360	1,810	1,270	6,330	45,900	1,420	2,690	1,030	61,800
March	1,320	1,510	1,270	6,330	48,500	1,420	2,690	1,030	64,100
April	1,730	1,550	1,270	6,330	45,300	1,420	2,690	1,030	61,300
May	1,470	1,490	1,270	6,330	44,900	1,420	2,690	1,030	60,600
June	1,720	1,560	1,270	6,330	51,400	1,420	2,690	1,030	67,400
July	1,650	1,530	1,270	6,330	43,700	1,460	2,690	1,030	59,600
August	1,840	1,620	1,270	6,330	46,600	1,460	2,690	1,030	62,800
September	1,770	1,560	1,270	6,330	45,900	1,460	2,690	1,030	62,000
January-September	14,300	14,100	11,400	56,900	420,000	12,900	24,200	9,260	563,000

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 2009 cumulative data estimated based on 2008 annual data.

⁴Does not include an estimate, based on reported 2008 data, of 3,140 tons per month from new scrap and 1,930 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
2009:						
September	84,300	99,200	83,400	95,700	33,100	24,100
October	81,400	95,600	82,000	95,900	32,500	23,800
November	78,700	78,200	78,300	81,300	32,900	20,700
December	76,900	78,200	77,100	77,900	32,700	20,900
January-December	958,000	1,140,000	961,000	1,140,000	XX	XX
2010:						
January	81,100	101,000	81,200	97,800	32,600	23,800
February	82,100	101,000	83,500	98,800	31,200	25,900
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 ^r	111,000	81,400 ^r	110,000	28,600 ^r	22,600
September	81,200	110,000	80,300	109,000	29,500	23,400
January-September	722,000	959,000	725,000	956,000	XX	XX

^rRevised. XX Not applicable.

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
2009:				
September	37,100	101,000	4,170	143,000
October	37,000	97,300	4,170	138,000
November	35,400	79,600	4,170	119,000
December	35,900	78,700	4,170	119,000
January-December	454,000	1,140,000	50,000	1,650,000
2010:				
January	38,100	99,100	4,170	141,000
February	39,600	98,900	4,170	143,000
March:	39,000	110,000	4,170	154,000
April	40,700	108,000	4,170	153,000
May	38,400	105,000	4,170	147,000
June	36,600	107,000	4,170	147,000
July	39,000	113,000	4,170	156,000
August	37,300 ^r	109,000	4,170	151,000 ^r
September:				
Cathodes	26,400	109,000	719	136,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	1,240	--	1,550	2,800
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	10,000	--	1,890	11,900
Total	37,700	109,000	4,170	151,000
January-September	346,000	958,000	37,500	1,340,000

^rRevised. -- 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 2008 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
2009:						
September	91,300	13,800	52,300	3,980	24,800	129,000
October	97,800	13,900	38,300	2,110	16,300	132,000
November	94,900	13,800	55,200	3,030	40,300	121,000
December	97,300	13,900	55,500	3,160	54,000	110,000
January-December	1,110,000	172,000	645,000	80,800	246,000	1,600,000
2010:						
January	93,300	12,200	71,300	6,200	32,500	138,000
February	88,200	12,500	60,400	13,900	20,100	127,000
March	92,100	12,200	44,700	13,600	(19,600)	155,000
April	85,900	12,200	42,900	10,400	(12,200)	143,000
May	82,100	12,100	40,200	4,670	(20,600)	150,000
June	85,700	12,200	55,200	4,520	(3,790)	152,000
July	92,400 ^r	12,200	63,400	4,200	(8,520)	172,000
August	91,000 ^r	12,300	35,300	5,250	(15,200) ^r	148,000
September	90,800	12,300	31,300	6,980	(26,100)	154,000
January-September	802,000	110,000	445,000	69,800	(53,300)	1,340,000

^rRevised.

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 2008 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	
2009:									
September	1,440	1,510	2,810	8,750	57,800	1,490	4,230	1,170	79,200
October	1,520	1,530	2,810	8,750	57,100	1,520	4,230	1,170	78,600
November	1,590	1,550	2,810	8,750	54,800	1,480	4,230	1,170	76,300
December	1,730	1,590	2,810	8,750	55,300	1,490	4,230	1,170	77,000
January-December	24,300	22,900	33,700	105,000	671,000	16,900	50,700	14,000	939,000
2010:									
January	1,490	1,530	2,810	8,750	58,800	1,520	4,230	1,170	80,200
February	1,760	1,510	2,810	8,750	56,800	1,430	4,230	1,170	78,500
March	1,420	1,500	2,810	8,750	60,800	1,430	4,230	1,170	82,100
April	1,790	1,600	2,810	8,750	56,200	1,430	4,230	1,170	77,900
May	1,520	1,530	2,810	8,750	56,100	1,430	4,230	1,170	77,500
June	1,780	1,600	2,810	8,750	64,400	1,430	4,230	1,170	86,200
July	1,700	1,580	2,810	8,750	54,600	1,500	4,230	1,170	76,300
August	1,930	1,630	2,810	8,750	57,500	1,500	4,230	1,170	79,500
September	1,830	1,610	2,810	8,750	57,100	1,500	4,230	1,170	79,000
January-September	15,200	14,100	25,300	78,700	522,000	13,200	38,100	10,500	717,000

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

²Monthly data estimated from 2008 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					Comex	LME ⁵	Total refined
		Refineries ³	Wire-rod mills ³	Brass mills ³	Other ⁴				
2009:									
September	27,100	11,500	25,300	9,520	3,230	48,600	225,000	323,000	
October	28,900	18,300	18,600	9,220	3,230	56,200	233,000	339,000	
November	28,200	19,200	15,200	8,030	3,230	77,700	256,000	379,000	
December	15,500	23,700	25,300	7,610	3,230	90,000	283,000	433,000	
2010:									
January	25,800	18,800	27,000	6,890	3,230	94,000	316,000	466,000	
February	25,200	20,600	26,200	6,720	3,230	93,700	335,000	486,000	
March	25,500	14,100	19,400	6,540	3,230	91,700	331,000	466,000	
April	24,400	13,200	10,400	7,170	3,230	91,700	328,000	454,000	
May	23,800	5,460	9,150	7,130	3,230	92,500	316,000	433,000	
June	18,100	6,490	12,600	8,470	3,230	92,500	306,000	430,000	
July	23,700	5,670	15,800	7,070	3,230	91,400	298,000	421,000	
August	22,400	5,970	10,100	8,720 [†]	3,230	86,500	291,000	406,000	
September	19,900	5,780	7,910	8,140	3,230	77,000	278,000	380,000	

[†]Revised.

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 2008 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
2009:			
September	287.305	281.479	281.035
October	293.683	287.857	285.190
November	309.356	303.530	302.769
December	324.599	318.773	316.644
January-December	241.243	235.417	233.556
2010:			
January	339.592	333.766	335.005
February	317.744	311.918	310.605
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
January-September	331.563	325.737	325.087

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
2009:				
September	270.00	242.67	197.50	135.00
October	277.43	250.14	199.40	135.95
November	289.53	260.21	208.55	140.53
December	304.64	271.64	227.50	150.00
January-December	226.83	205.85	159.16	112.93
2010:				
January	323.42	294.74	250.13	156.32
February	303.89	282.32	225.92	160.00
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
January-September	317.84	293.31	248.64	163.53

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		
	2010		January-August	2010		January-August	2010		January-August	2010		January-August
	2009	August		2009	August		2009	August		2009	August	
Belgium	--	--	--	7	--	--	--	--	--	5	--	(2)
Brazil	--	--	--	--	--	--	--	--	--	10,800	--	1,980
Canada	137	--	1,070	420	20	148	61,800	--	21,700	189,000	9,430	124,000
Chile	--	--	--	--	--	--	--	--	--	312,000	16,700	217,000
Finland	--	--	--	--	--	--	266	--	178	(2)	--	(2)
Germany	--	--	--	22	--	--	(2)	--	(2)	2,510	326	2,110
Japan	--	--	--	66	--	2	6.00	1	12	3,600	441	3,320
Kuwait	--	--	--	--	--	138	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	6,270	--	480	19,600	848	7,540
Netherlands	--	--	31	68	6	131	(2)	--	2	32	--	--
Peru	--	--	--	--	--	--	--	--	--	124,000	9,750	69,500
Taiwan	--	--	(2)	15	--	--	--	--	--	--	--	1
Other	--	--	14	161 ^r	7	94	143 ^r	(2)	102	1,480	176	1,110
Total	137	--	1,120	759 ^r	33	513	68,400	1	22,500	664,000	37,700	426,000

^rRevised. -- 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		
	2010		January - August	2010		January - August	2010		January - August	2010		January - August
	2009	August		2009	August		2009	August		2009	August	
Canada	22,400	924	7,860	35,700	3,070	25,800	14,100	714	4,160	11,200	318	7,760
China	57,500	12,800	55,200	1,260	--	320	573	31	203	41,400	828	31,600
Germany	--	6	8	1,690	--	441	3,300	192	1,690	99	--	20
Hong Kong	(2)	--	--	--	--	--	1,740	79	1,140	3,570	--	4,660
Italy	1	--	--	--	--	--	161	--	2	11,300	3,000	3,000
Japan	21,400	2	5,960	176	19	45	478	100	1,580	81	--	36
Korea, Republic of	9,030	--	3,100	--	--	--	2,920	36	449	23	58	99
Mexico	36,700	1,060	13,700	--	--	--	44	9	528	7,950	1,010	14,100
Singapore	--	(2)	(2)	7	--	--	92	8	82	1,570	--	--
Spain	3	--	--	1,140	--	122	--	--	99	17	--	20
Sweden	--	--	--	--	--	--	169	--	9	1	--	--
Switzerland	3,640	--	3,730	--	--	--	72	--	22	2,170	--	5
Taiwan	--	--	--	75	--	--	441	76	307	534	--	800
Other	128	25	221	886	212	258	1,850 ^f	165	1,660	972 ^f	38	775
Total	151,000	14,800	89,800	40,900	3,300	27,000	26,000	1,410	11,900	80,800	5,250	62,800

^fRevised. -- 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		
	2010		January - August	2010		January - August
	2009	August		2009	August	
Canada	7,340	740	5,700	24,900	2,330	19,900
Chile	25	--	--	230	12	44
Costa Rica	275	22	418	1,290	172	1,310
Germany	88	1	14	54	--	8
Guatemala	272	50	399	433	76	646
Honduras	474	--	--	355	50	427
Jamaica	198	--	188	334	9	221
Japan	16	--	12	18	(2)	5
Mexico	4,840	466	3,970	22,900	2,760	19,400
Nicaragua	666	109	716	441	118	881
Other	2,100	289	1,900	4,580	237	3,620
Total	16,300	1,680	13,300	55,500	5,760	46,500

-- 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 16
U.S. COPPER SCRAP EXPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed							Alloyed				
	2009	2010						2009	2010			
		No. 1		No. 2		Other			Segregated		Unsegregated	
		August	January - August	August	January - August	August	January - August		August	January - August	August	January - August
Belgium	2,160	251	832	40	496	151	994	14,900	135	2,620	1,190	9,000
Canada	6,320	--	--	--	--	1,190	10,700	32,300	283	2,090	2,450	17,000
China	190,000	3,320	21,700	13,600	79,300	7,250	49,500	416,000	21,600	153,000	25,400	175,000
Germany	1,510	272	1,300	133	665	12	345	6,600	59	1,310	342	3,040
Hong Kong	15,600	--	912	170	4,250	97	3,210	37,400	1,480	10,000	1,730	23,900
India	356	38	80	21	21	--	363	11,100	976	11,300	59	3,390
Japan	3,220	304	1,910	141	778	261	1,810	10,200	874	4,450	267	1,710
Korea, Republic of	8,400	329	2,410	319	3,670	213	2,800	21,500	873	10,100	56	2,380
Mexico	1,580	128	829	286	996	19	105	9,990	45	273	1,360	4,650
Spain	1,480	--	584	19	667	--	--	10,900	96	639	459	3,760
Taiwan	6,980	--	452	221	930	138	751	6,510	107	1,150	75	634
Thailand	1,300	--	--	--	--	--	560	347	--	334	38	78
Other	5,640	673	4,830	97	565	167	394	19,900	267	2,780	1,480	9,150
Total	245,000	5,310	35,900	15,000	92,300	9,500	71,500	598,000	26,800	200,000	34,900	253,000

-- Zero.

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

Source: U.S. Census Bureau.