

Mineral Industry Surveys

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COPPER IN NOVEMBER 2010

Average daily mine production of copper declined by about 3% from that in October and was down by about 9% from that in November 2009, according to data compiled by the U.S. Geological Survey. Mine and refinery production for the first 11 months of 2010 were down by 7% and 5%, respectively, from that in the same period of 2009. Consumption of refined copper in November was 16% higher than in November 2009. Year-to-date consumption through November was 7% higher than that during the same period in 2009, with most of the relative increase occurring in the second half of the year. Imports of refined copper for the first 10 months of 2010, which totaled 507,000 metric tons (t), were down by about 45,000 t from those during the same period of 2009.

Update

Freeport McMoRan Copper & Gold Inc. (FCX) (Phoenix, AZ) reported that its 2010 U.S. mine production fell by about 9% to 519,000 t, but that production in the fourth quarter was down by only 4% from that in the same quarter of 2009. Most of the discrepancy was accounted for by the Morenci Mine in Arizona, where production in 2010 of 233,000 t was slightly higher than that in 2009 owing to a staged production ramp-up announced earlier in the year. At Morenci, the mining rate averaged 566,000 metric tons per day (t/d) of ore during the fourth quarter of 2010, up from the 2009 annual average of 450,000 t/d, but still short of the target rate of 635,000 t/d. Morenci also restarted its sulfide mill in March 2010, which processed an average of 42,200 t/d of ore during the fourth quarter. Production ramp-ups were also expected at the Miami Mine (Arizona), where limited mining activities had begun by yearend, and at the Chino Mine in New Mexico, where mining and milling activities suspended in late 2008 were being restarted. As a result of these new activities, unit site production costs for FCX's U.S. operations rose to \$1.46 per pound of copper in the fourth quarter of 2010 from \$1.25 per pound in the fourth quarter of 2009, but owing to increased byproduct credits,

net cash costs fell to \$0.53 per pound of copper from \$0.62 per pound during the same comparative quarters (Freeport McMoRan Copper & Gold Inc., 2011, p. 1–4, 15–16).

Rio Tinto Ltd. (London, United Kingdom) reported that 2010 copper production from its Bingham Canyon Mine in Utah declined to 250,000 t, a decrease of 18% from its record production in 2009 owing to lower ore grades. Refined production of 269,000 t was marginally lower than that in 2009 owing to a 19-day maintenance shutdown at its Garfield, UT, smelter (Rio Tinto Ltd., 2011, p. 36).

Grupo México, S.A.B. de C.V. (Mexico City, Mexico) reported that 2010 production at ASARCO LLC's U.S. mines totaled 209,000 t, 13% more than production in 2009. The increase was mainly from improved ore grade at the Mission Mine (Arizona) and improved grade and recovery at the Ray Mine (Arizona). At yearend, Grupo reported that it continued to evaluate a proposal announced in July to merge the assets of Asarco (100% owned by Grupo through its Americas Mining Corp.) into Southern Copper Corp. (80% owned by Grupo through its Americas Mining Corp.). Under the proposal, Southern Copper, the surviving entity, would become a wholly owned subsidiary of Grupo under its Americas Mining, and would comprise all of Grupo's copper assets in Mexico, Peru, and the United States (Grupo México, S.A.B. de C.V., 2011, p. 2, 8).

References Cited

- Freeport McMoRan Copper & Gold Inc., 2011, Freeport McMoRan Copper & Gold Inc. reports fourth-quarter and year ended December 31, 2010 results: Phoenix, AZ, Freeport McMoRan Copper & Gold Inc. news release, January 20, 41 p.
- Grupo México, S.A.B. de C.V., 2011, Fourth quarter 2010 results: Mexico City, Mexico, Grupo México, S.A.B. de C.V., February 4, 16 p.
- Rio Tinto Ltd., 2011, Fourth quarter 2010 operations review: Melbourne, Australia, Rio Tinto Ltd. press release, January 18, 26 p.

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

(Metric tons, unless otherwise specified)

	Source table ²	2010				January- November
		2009 ^b	September	October	November	
Production:						
Primary:						
Mine, recoverable	(2)	1,180,000	89,800	99,100 ^r	93,200	1,010,000
Refinery:						
Electrolytic, domestic and foreign	(4)	636,000	57,200	51,800	46,300	576,000
Electrowon	(4)	476,000	33,600	35,000	34,600	393,000
Total	(4)	1,110,000	90,800	86,900	80,900	969,000
Secondary recoverable copper:						
Refineries	(5)	46,400	3,330	3,240	3,200	34,800
Ingot makers ³	(5)	91,100	7,590	7,590	7,590	83,500
Brass and wire-rod mills	(5)	561,000	47,300	46,800	44,500	524,000
Foundries, etc. ³	(5)	44,600	3,720	3,720	3,720	40,900
Smelter, total	(3)	597,000	50,900	47,400	46,500	551,000
Consumption:						
Apparent	(8)	1,580,000	154,000	155,000	134,000	1,630,000
Refined (reported)	(7)	1,650,000	151,000	147,000	139,000	1,630,000
Purchased copper-base scrap	(9)	939,000	79,000	77,900	75,300	871,000
Stocks at end of period:						
Total refined	(10)	433,000	380,000	363,000	356,000	XX
Blister, etc.	(10)	15,500	19,900	17,600	23,400	XX
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	241.243	357.624	383.138	390.033	341.567
Imports: ⁵						
Ore and concentrate ⁶	(13)	137	57	202	NA	1,370 ⁷
Refined	(13)	664,000	35,300	45,600	NA	507,000 ⁷
Exports: ⁵						
Ore and concentrate ⁶	(14)	151,000	9,080	8,610	NA	108,000 ⁷
Refined	(14)	80,800	6,980	1,540	NA	71,300 ⁷

^bPreliminary. ^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-October; November 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:						
November	58,600	43,800	102,000	39,700	64,700	104,000
December	62,000	26,600	88,600	42,400	47,800	90,200
January-December	711,000	470,000	1,180,000	476,000	728,000	1,200,000
2010:						
January	62,600	37,000	99,600	40,900	60,500	101,000
February	53,100	29,600	82,700	36,400	47,600	84,000
March	56,600	36,500	93,200	36,900	57,700	94,600
April	56,600	33,300	89,900	33,900	57,400	91,300
May	61,500	30,400	91,900	36,500	56,900	93,400
June	58,600	27,500	86,000	34,600	52,700	87,400
July	59,100	35,300 ^r	94,400 ^r	36,000	60,200 ^r	96,200 ^r
August	56,200	38,200	94,400	34,500	61,400	95,900
September	57,700	32,100	89,800	33,600	58,000	91,600
October	60,000 ^r	39,000 ^r	99,100 ^r	35,000	66,000 ^r	101,000 ^r
November	57,600	35,700	93,200	34,600	60,700	95,300
January-November	640,000	375,000	1,010,000	393,000	639,000	1,030,000

^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:	
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
October	47,400
November	46,500
January-November	551,000

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:					
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	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
January-November	576,000	393,000	969,000	34,800	1,000,000

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:									
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
October	1,700	1,540	1,270	6,330	45,400	1,420	2,690	1,030	61,400
November	1,660	1,540	1,270	6,330	43,100	1,420	2,690	1,030	59,000
January-November	17,700	17,200	13,900	69,600	509,000	15,800	29,500	11,300	683,000

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 3,180 tons per month from new scrap and 1,880 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:						
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	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 ^r	29,300	22,000
November	78,300	94,500	77,600	101,000	30,000	15,500
January-November	880,000	1,160,000	883,000	1,160,000	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:				
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	109,000	4,170	151,000
September	37,700	109,000	4,170	151,000
October	38,300	104,000	4,170	147,000
November:				
Cathodes	27,400	95,900	719	124,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	1,240	--	1,550	2,800
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	9,800	--	1,890	11,700
Total	38,400	95,900	4,170	139,000
January-November	423,000	1,160,000	45,800	1,630,000

-- 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:						
November	94,900	12,200	55,200	3,030	40,300	119,000
December	97,300	12,200	55,500	3,160	54,000	108,000
January-December	1,110,000	153,000	645,000	80,800	246,000	1,580,000
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	12,200	63,400	4,200	(8,520)	172,000
August	91,000	12,300	35,300	5,250	(15,200)	148,000
September	90,800	12,300	31,300	6,980	(26,100)	154,000
October	86,900	12,200	40,500	1,540	(17,000)	155,000
November	80,900	12,200	34,400	1,220	(7,300)	134,000
January-November	969,000	135,000	520,000	72,600	(77,600)	1,630,000

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:									
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
October	1,750	1,590	2,810	8,750	56,200	1,430	4,230	1,170	77,900
November	1,710	1,580	2,810	8,750	53,700	1,430	4,230	1,170	75,300
January-November	18,700	17,200	30,900	96,200	632,000	16,000	46,500	12,800	871,000

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					Total refined	
		Refineries ³	Wire-rod mills ³	Brass mills ³	Other ⁴	Comex		
2009:								
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
October	17,600	4,110	9,600	6,080	3,230	68,100	272,000	363,000
November	23,400	4,350	12,800	6,040	3,230	65,100	264,000	356,000

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:			
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
October	383.138	377.312	376.111
November	390.033	384.207	384.153
January-November	341.567	335.741	335.095

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:				
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
October	366.33	332.33	278.93	172.62
November	370.45	327.60	282.50	175.00
January-November	327.03	299.98	254.47	165.40

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- October	2010		January- October	2010		January- October	2010		January- October
	2009	October		2009	October		2009	October		2009	October	
Belgium	--	9	9	7	--	--	--	--	--	5	--	(2)
Brazil	--	--	--	--	--	--	--	--	--	10,800	--	1,980
Canada	137	193	1,260	420	124	304	61,800	--	21,700	189,000	9,820	143,000
Chile	--	--	--	--	--	--	--	--	--	312,000	27,300	258,000
Finland	--	--	--	--	--	--	266	37	253	(2)	(2)	1
Germany	--	--	--	22	--	--	(2)	--	(2)	2,510	307	2,750
Japan	--	--	--	66	1	3	6	1	14	3,600	411	4,290
Kuwait	--	--	--	--	--	138	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	6,270	--	480	19,600	2,970	11,400
Netherlands	--	--	87	68	--	131	(2)	(2)	2	32	--	--
Peru	--	--	--	--	--	--	--	--	--	124,000	4,630	84,200
Taiwan	--	--	(2)	15	--	(2)	--	--	--	--	(2)	1
Other	--	--	14	161	43	138	143	40	141	1,480	144	1,800
Total	137	202	1,370	759	168	714	68,400	78	22,600	664,000	45,600	507,000

-- 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		
	2010			2010			2010			2010		
	January -			January -			January -			January -		
	2009	October	October	2009	October	October	2009	October	October	2009	October	October
Canada	22,400	887	10,200	35,700	3,970	33,300	14,100	230	4,800	11,200	59	7,880
China	57,500	3,020	64,400	1,260	--	339	573	20	253	41,400	924	33,400
Germany	--	--	18	1,690	--	441	3,300	194	2,100	99	7	30
Hong Kong	(2)	--	--	--	--	--	1,740	99	1,500	3,570	3	4,680
Italy	1	--	--	--	--	--	161	--	40	11,300	64	8,070
Japan	21,400	3,650	9,610	176	--	80	478	80	1,750	81	--	39
Korea, Republic of	9,030	--	3,100	--	--	--	2,920	36	524	23	--	109
Mexico	36,700	1,010	16,200	--	--	--	44	89	625	7,950	323	15,300
Singapore	--	--	(2)	7	--	--	92	19	101	1,570	--	--
Spain	3	--	--	1,140	--	122	--	--	140	17	--	20
Sweden	--	--	--	--	--	--	169	--	9	1	--	--
Switzerland	3,640	--	3,730	--	--	--	72	--	22	2,170	--	5
Taiwan	--	--	1	75	--	--	441	40	386	534	--	800
Other	128	41	304	886	80	458	1,850	283	2,150	972	155	1,050
Total	151,000	8,610	108,000	40,900	4,050	34,800	26,000	1,090	14,400	80,800	1,540	71,300

-- 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			2010		
	2009	October	January - October	2009	October	January - October
Canada	7,340	903	7,470	24,900	2,820	25,400
Chile	25	--	--	230	--	57
Costa Rica	275	79	594	1,290	187	1,670
Germany	88	--	14	54	16	24
Guatemala	272	72	535	433	102	836
Honduras	474	--	--	355	102	580
Jamaica	198	7	205	334	14	282
Japan	16	3	14	18	--	5
Mexico	4,840	549	4,940	22,900	2,560	24,600
Nicaragua	666	142	1,040	441	130	1,120
Other	2,100	338	2,590	4,580	858	5,110
Total	16,300	2,090	17,400	55,500	6,790	59,700

-- 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				
	2010							2010				
	No. 1		No. 2		Other			Segregated		Unsegregated		
	January -		January -		January -			January-		January-		
	2009	October	October	October	October	October	October	2009	October	October	October	October
Belgium	2,160	488	1,810	39	535	126	1,240	14,900	445	3,260	1,590	11,800
Canada	6,320	--	--	--	--	1,140	13,100	32,300	354	2,780	2,930	22,100
China	190,000	3,440	29,400	14,600	109,000	5,820	61,500	416,000	22,700	196,000	25,700	228,000
Germany	1,510	267	1,720	195	918	37	409	6,600	99	1,510	1,180	4,700
Hong Kong	15,600	82	1,160	205	4,600	54	3,470	37,400	1,350	12,900	813	25,800
India	356	12	92	35	55	--	363	11,100	682	12,700	69	3,560
Japan	3,220	76	2,250	212	1,190	359	2,430	10,200	824	5,880	296	2,330
Korea, Republic of	8,400	539	3,300	460	4,550	607	3,560	21,500	939	11,900	69	2,520
Mexico	1,580	121	1,030	296	1,880	--	105	9,990	80	356	355	5,470
Spain	1,480	99	780	78	824	97	97	10,900	168	922	912	4,990
Taiwan	6,980	--	452	252	1,240	--	771	6,510	77	1,270	58	909
Thailand	1,300	--	--	--	--	39	599	347	--	334	--	78
Other	5,640	1,050	6,720	17	660	18	435	19,900	412	3,400	791	11,000
Total	245,000	6,180	48,800	16,300	126,000	8,300	88,000	598,000	28,100	254,000	34,800	323,000

-- Zero.

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

Source: U.S. Census Bureau.