

Mineral Industry Surveys

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COPPER IN SEPTEMBER 2011

Average daily mine production of copper rose slightly in September from that in August, and mine production for the first 9 months of 2011 was essentially unchanged from that during the same period of 2010. A 6% increase in production in Arizona for the first 9 months of the year was offset by lower production in other States, principally Utah, where 9-month and third quarter 2011 production were down by 18% and 36%, respectively, from those in the same periods of 2010. Mine production during the first 9 months of 2011 increased by about 17% at Freeport-McMoRan Copper & Gold Inc. operations in Arizona and New Mexico. Total U.S. smelter and refinery

production for the first 9 months of 2011 were down by 14% and 10%, respectively (Freeport-McMoRan Copper & Gold Inc., 2011, p. 14; Rio Tinto plc, 2011, p. 3).

References Cited

Freeport-McMoRan Copper & Gold Inc., 2011, Freeport-McMoRan Copper & Gold Inc. reports third-quarter and nine-month 2011 results: Phoenix, AZ, Freeport-McMoRan Copper & Gold Inc. news release, October 19, 41 p.
Rio Tinto plc, 2011, Third quarter operations review: Melbourne, Australia, Rio Tinto plc media release, October 13, 26 p.

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

(Metric tons, unless otherwise specified)

	Source table ²	2010 ^p	2011			
			July	August	September	January– September
Production:						
Primary:						
Mine, recoverable	(2)	1,110,000	92,200	92,400	91,900	816,000
Refinery:						
Electrolytic, domestic and foreign	(4)	627,000	39,600	38,400	53,000	394,000
Electrowon	(4)	430,000	36,600 ^r	38,100	37,700	327,000
Total	(4)	1,060,000	76,200 ^r	76,500 ^r	90,600	721,000
Secondary recoverable copper:						
Refineries	(5)	37,700	3,030	3,200	3,010	28,500
Ingot makers ³	(5)	71,500 ^r	5,960 ^r	5,960 ^r	5,960	53,600
Brass and wire-rod mills	(5)	565,000	46,700 ^r	45,700 ^r	48,400	431,000
Foundries, etc. ³	(5)	46,000 ^r	3,830 ^r	3,830 ^r	3,830	34,500
Smelter, total	(3)	601,000	44,100	41,100	49,500	393,000
Consumption:						
Apparent	(8)	1,740,000	145,000	112,000 ^r	156,000	1,300,000
Refined (reported)	(7)	1,760,000	141,000	148,000 ^r	146,000	1,340,000
Purchased copper-base scrap	(9)	915,000	75,400 ^r	74,400 ^r	77,600	696,000
Stocks at end of period:						
Total refined	(10)	384,000	368,000	370,000 ^r	377,000	377,000
Blister, etc.	(10)	21,100	20,100	13,000 ^r	21,400	21,400
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	348.337	445.951	413.683	379.602	426.294
Imports: ⁵						
Ore and concentrate ⁶	(13)	1,390	4,950	2,340	NA	10,500 ⁷
Refined	(13)	605,000	69,500	32,300	NA	460,000 ⁷
Exports: ⁵						
Ore and concentrate ⁶	(14)	137,000	19,000	12,500	NA	157,000 ⁷
Refined	(14)	78,300	1,850	5,140	NA	24,300 ⁷

^pPreliminary. ^rRevised. NA Not available.

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 2010 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

⁷Includes data for January–August only.

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						
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	33,100 ^r	90,400 ^r	33,500 ^r	58,900	92,400 ^r
February	53,000	29,400 ^r	82,400 ^r	31,100 ^r	53,200	84,300 ^r
March	60,800	31,000 ^r	91,800 ^r	37,100 ^r	56,800	93,900 ^r
April	59,300	23,600 ^r	82,900 ^r	35,500 ^r	49,300	84,800 ^r
May	66,500	32,300 ^r	98,800 ^r	38,800 ^r	62,400	101,000
June	63,900	29,600 ^r	93,500 ^r	38,600 ^r	57,100	95,700 ^r
July	61,900	30,200 ^r	92,200	36,600 ^r	57,800	94,400 ^r
August	65,000	27,300 ^r	92,400	38,100	56,600	94,700
September	64,400	27,600	91,900	37,700	56,500	94,100
January–September	552,000	264,000	816,000	327,000	508,000	835,000

^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^{1, 2}

(Metric tons, copper content)

Period	Anode production
2010: ^P	
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
April	40,500
May	47,200
June	33,400
July	44,100
August	41,100
September	49,500
January–September	393,000

^PPreliminary.

¹Includes blister and copper anode 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					
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	1,060,000	37,700	1,090,000
2011:					
January	49,500	33,500 ^r	83,000 ^r	3,830	86,800 ^r
February	42,200	31,100 ^r	73,300 ^r	2,970	76,300 ^r
March	44,500	37,100 ^r	81,700 ^r	3,240	84,900 ^r
April	41,200	35,500 ^r	76,700 ^r	2,970	79,700 ^r
May	40,900	38,800 ^r	79,700 ^r	3,240	82,900 ^r
June	44,800	38,600 ^r	83,400 ^r	3,060	86,400 ^r
July	39,600	36,600 ^r	76,200 ^r	3,030	79,200 ^r
August	38,400	38,100	76,500 ^r	3,200	79,700 ^r
September	53,000	37,700	90,600	3,010	93,600
January–September	394,000	327,000	721,000	28,500	750,000

^PPreliminary. ^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	
2010: ^P									
September	1,770	1,560	972 ^r	4,990 ^r	45,900	1,460	2,730 ^r	1,110 ^r	60,400 ^r
October	1,700	1,540	972 ^r	4,990 ^r	45,400	1,420	2,730 ^r	1,110 ^r	59,800 ^r
November	1,660	1,540	972 ^r	4,990 ^r	43,100	1,420	2,730 ^r	1,110 ^r	57,500 ^r
December	1,390	1,470	972 ^r	4,990 ^r	39,100	1,420	2,730 ^r	1,110 ^r	53,200 ^r
January–December	19,100	18,600	11,700 ^r	59,800 ^r	548,000	17,200	32,700 ^r	13,300 ^r	720,000 ^r
2011:									
January	2,040	1,790	972 ^r	4,990 ^r	48,900	1,500	2,730 ^r	1,110 ^r	64,100 ^r
February	1,460	1,500	972 ^r	4,990 ^r	45,200	1,480	2,730 ^r	1,110 ^r	59,400 ^r
March	1,690	1,540	972 ^r	4,990 ^r	46,800	1,530	2,730 ^r	1,110 ^r	61,400 ^r
April	1,480	1,490	972 ^r	4,990 ^r	48,000	1,530	2,730 ^r	1,110 ^r	62,300 ^r
May	1,700	1,540	972 ^r	4,990 ^r	46,200	1,420	2,730 ^r	1,110 ^r	60,700 ^r
June	1,540	1,520	972 ^r	4,990 ^r	46,300 ^r	1,420	2,730 ^r	1,110 ^r	60,500 ^r
July	1,530	1,500	972 ^r	4,990 ^r	45,200 ^r	1,470	2,730 ^r	1,110 ^r	59,500 ^r
August	1,650	1,550	972 ^r	4,990 ^r	44,300 ^r	1,420	2,730 ^r	1,110 ^r	58,700 ^r
September	1,510	1,500	972 ^r	4,990	46,900	1,490	2,730	1,110	61,200
January–September	14,600	13,900	8,750	44,900	418,000	13,200	24,500	9,950	548,000

^PPreliminary. ^rRevised.

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

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

³Monthly data and 2011 cumulative data estimated based on 2010 annual data.

⁴Does not include an estimate, based on reported 2010 data, of 2,530 tons per month from new scrap and 1,840 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						
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	107,000	78,500	103,000	29,000	28,300
March	83,900	105,000	82,100	113,000	30,900	20,500
April	79,300	111,000	80,100	107,000	30,100	24,000
May	79,500	109,000	79,900	105,000	29,600	28,100
June	81,000	109,000	81,300	109,000	29,300	27,500
July	76,700	98,200	76,800	96,200	29,200	29,500
August	79,400	104,000	79,300	107,000	29,300	25,600
September	79,300	104,000	77,700	104,000	30,800	25,100
January–September	717,000	955,000	717,000	955,000	30,800	25,100

^PPreliminary.

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				
September	37,700	109,000	4,800 ^r	151,000
October	38,300	104,000	4,800 ^r	147,000
November	38,400	94,400	4,800 ^r	138,000 ^r
December	35,800	90,000	4,800 ^r	131,000 ^r
January–December	459,000	1,250,000	57,600 ^r	1,760,000
2011:				
January	37,500	110,000	4,800 ^r	153,000 ^r
February	35,900	108,000	4,800 ^r	149,000 ^r
March	36,800	109,000	4,800 ^r	151,000 ^r
April	36,700	110,000	4,800 ^r	152,000 ^r
May	35,300	111,000	4,800 ^r	151,000
June	36,400	110,000	4,800 ^r	151,000
July	36,000	100,000	4,800 ^r	141,000
August	35,700	107,000	4,800 ^r	148,000 ^r
September:				
Cathodes	24,400	106,000	1,470	131,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	1,240	--	1,440	2,680
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	9,490	--	1,900	11,400
Total	35,200	106,000	4,800	146,000
January–September	326,000	971,000	43,200	1,340,000

^PPreliminary. ^rRevised. -- Zero.

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

²Monthly and 2011 cumulative consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2010 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						
September	90,800	11,000 ^r	31,300	6,980	(26,100)	152,000
October	86,900	10,900 ^r	40,500	1,540	(17,000)	154,000
November	80,900	10,900 ^r	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	131,000 ^r	583,000	78,300	(50,400)	1,740,000
2011:						
January	83,000 ^r	11,200	54,200	1,640	(1,700)	148,000 ^r
February	73,300 ^r	10,900	46,100	5,010	432	125,000
March	81,700 ^r	11,000 ^r	65,300	3,130	(10,600)	165,000
April	76,700 ^r	10,900	70,100	2,120	(6,240)	162,000 ^r
May	79,700 ^r	10,900 ^r	61,500	3,500	(827)	149,000
June	83,400 ^r	10,900 ^r	42,400	1,930	(5,560)	140,000
July	76,200 ^r	10,900 ^r	68,900	1,850	9,070	145,000
August	76,500 ^r	10,900 ^r	31,300	5,140	1,160	112,000 ^r
September	90,600	10,900	64,300	2,140	7,460	156,000
January–September	721,000	98,600	504,000	26,500	(6,760)	1,300,000

^pPreliminary. ^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 2010 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									
September	1,830	1,610	2,880 ^r	6,440 ^r	57,100	1,500	4,020 ^r	1,490 ^r	76,900
October	1,750	1,590	2,880 ^r	6,440 ^r	56,200	1,430	4,020 ^r	1,490 ^r	75,800 ^r
November	1,710	1,580	2,880 ^r	6,440 ^r	53,700	1,430	4,020 ^r	1,490 ^r	73,200 ^r
December	1,430	1,510	2,880 ^r	6,440 ^r	48,400	1,430	4,020 ^r	1,490 ^r	67,600 ^r
January–December	20,100	18,800	34,500 ^r	77,200 ^r	681,000	17,500	48,200 ^r	17,900 ^r	915,000
2011:									
January	2,270	1,680	2,880 ^r	6,440 ^r	60,500	1,570	4,020 ^r	1,490 ^r	80,800 ^r
February	1,530	1,530	2,880 ^r	6,440 ^r	56,500	1,540	4,020 ^r	1,490 ^r	75,900 ^r
March	1,750	1,590	2,880 ^r	6,440 ^r	58,700	1,610	4,020 ^r	1,490 ^r	78,400 ^r
April	1,530	1,540	2,880 ^r	6,440 ^r	59,500	1,610	4,020 ^r	1,490 ^r	79,000 ^r
May	1,750	1,590	2,880 ^r	6,440 ^r	57,800	1,430	4,020 ^r	1,490 ^r	77,400 ^r
June	1,610	1,550	2,880 ^r	6,440 ^r	57,700 ^r	1,430	4,020 ^r	1,490 ^r	77,100 ^r
July	1,570	1,550	2,880 ^r	6,440 ^r	55,900 ^r	1,520	4,020 ^r	1,490 ^r	75,400 ^r
August	1,720	1,580	2,880 ^r	6,440 ^r	54,900 ^r	1,430	4,020 ^r	1,490 ^r	74,400 ^r
September	1,560	1,540	2,880	6,440	58,200	1,540	4,020	1,490	77,600
January–September	15,300	14,100	25,900	57,900	520,000	13,700	36,200	13,400	696,000

^pPreliminary. ^rRevised.

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

²Monthly data estimated from 2010 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		LME ⁵
2010: ^p								
September	19,900	5,780	7,910	8,140	4,380 ^r	77,000	278,000	381,000
October	17,600	4,110	9,600	6,080	4,380 ^r	68,100	272,000	364,000
November	23,400	4,350	11,900	6,040	4,380 ^r	65,100	264,000	356,000
December	21,100	10,300	19,700	6,400	4,380 ^r	58,600	284,000	384,000
2011:								
January	25,200	11,700	17,600	7,470	4,380 ^r	64,100	277,000	382,000
February	24,800	9,220	12,800	8,420	4,380 ^r	75,200	273,000	383,000 ^r
March	24,700	6,360	18,200	7,050	4,380 ^r	76,900	259,000	372,000
April	24,900	5,060	18,100	7,240	4,380 ^r	75,500	256,000	366,000
May	27,200	6,180	21,900	7,500	4,380 ^r	73,500	251,000	365,000
June	20,100	5,740	21,000	7,860	4,380 ^r	72,700	248,000	359,000
July	20,100	5,570	16,400	8,160	4,380 ^r	75,100	259,000	368,000
August	13,000 ^r	5,990	20,200	7,440	4,380 ^r	77,500	254,000	370,000 ^r
September	21,400	7,000	18,100	7,160	4,380	79,400	261,000	377,000

^pPreliminary. ^rRevised.

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 2010 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:			
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
April	436.264	430.438	430.136
May	411.383	405.557	404.898
June	416.740	410.914	410.279
July	445.951	440.125	436.301
August	413.683	407.857	410.084
September	379.602	373.776	377.131
January–September	426.294	420.468	420.231

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:				
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
April	418.19	374.19	317.14	180.00
May	394.71	358.81	309.64	180.00
June	401.45	370.09	319.09	180.00
July	426.65	396.95	335.25	197.50
August	395.87	354.78	322.83	205.00
September	363.48	329.52	304.29	201.19
January–September	407.69	365.54	314.81	189.24

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	August	January– August	2010	August	January– August	2010	August	January– August	2010	August	January– August
Belgium	9	--	--	47	23	118	--	--	--	(2)	--	1
Brazil	--	--	--	--	--	--	--	--	--	1,980	--	--
Canada	1,270	1,510	6,780	310	46	124	21,700	(2)	1	168,000	9,290	80,400
Chile	--	--	--	--	--	--	--	--	--	308,000	13,800	270,000
Finland	--	--	--	--	--	--	348	--	210	1	--	(2)
Germany	--	--	--	--	54	54	(2)	--	--	3,180	358	2,190
Japan	--	--	--	3	--	--	15	2	8	4,990	695	4,030
Kuwait	--	--	--	138	--	--	--	--	--	--	--	--
Mexico	17	829	3,690	--	--	--	3,990	--	--	19,200	5,840	59,700
Netherlands	87	--	--	136	--	108	3	--	(2)	--	--	(2)
Peru	--	--	--	--	--	--	--	--	--	97,100	2,390	42,600
Other	14	--	--	206	59	249	160	--	104	2,400	--	980
Total	1,390	2,340	10,500	840	182	653	26,300	2	323	605,000	32,300	460,000

-- 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		January– August	2011		January– August	2011		January– August	2011		January– August
	2010	August		2010	August		2010	August		2010	August	
Canada	12,800	1,170	8,920	41,400	3,990	25,300	6,010	183	2,910	8,030	271	2,810
China	82,300	2,970	45,300	455	72	445	294	39	467	34,300	676	1,830
Germany	18	5	87	846	--	402	2,160	40	750	30	15	61
Hong Kong	--	--	1	--	--	--	1,740	158	869	4,690	--	13
Italy	--	--	--	39	--	--	60	41	144	12,300	--	1,450
Japan	9,610	--	14,800	100	--	98	1,920	85	532	39	2	11
Korea, Republic of	3,100	--	--	--	--	--	659	54	563	113	5	104
Mexico	24,700	8,310	83,500	--	--	--	670	17	178	16,100	4,040	16,400
Singapore	(2)	--	--	--	--	--	107	91	176	2	--	--
Spain	--	--	--	122	--	--	140	20	166	20	--	630
Sweden	--	--	--	--	--	--	9	--	2	--	30	211
Switzerland	3,730	--	--	--	--	--	22	--	6	5	--	1
Taiwan	1	--	1	--	--	--	454	72	436	800	4	7
Other	304	27	4,370	969	40	496	2,620	205	2,450	1,900	100	849
Total	137,000	12,500	157,000	44,000	4,100	26,800	16,900	1,010	9,650	78,300	5,140	24,300

-- 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 IMPORTS ¹

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2011			2011		
	2010	August	January– August	2010	August	January– August
Canada	9,010	1,250	10,500	32,500	2,440	24,500
Chile	--	--	39	80	--	333
Costa Rica	867	28	668	2,100	197	1,590
Guatemala	651	53	486	1,070	172	1,260
Honduras	20	6	47	701	146	766
Jamaica	237	14	85	361	57	297
Japan	14	10	16	9	(2)	19
Mexico	5,850	885	6,010	29,900	2,630	18,500
Nicaragua	1,270	120	757	1,330	70	752
Other	3,470	464	3,020	6,370	867	6,340
Total	21,400	2,830	21,600	74,500	6,580	54,400

-- 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				
	2011							2011				
	No. 1		No. 2		Other			Segregated		Unsegregated		
	2010	August	January– August	August	January– August	August	January– August	2010	August	January– August	August	January– August
Belgium	11,000	97	3,520	465	5,080	178	1,110	19,900	--	641	957	8,220
Canada	15,500	--	--	--	--	1,830	13,300	29,900	172	2,100	6,340	23,600
China	247,000	8,590	50,900	18,100	141,000	9,360	67,500	512,000	23,300	173,000	30,500	205,000
Germany	4,190	166	2,270	298	2,520	17	229	9,570	160	1,860	989	7,820
Hong Kong	10,300	85	1,060	326	2,710	--	565	44,500	1,100	7,490	1,730	11,300
India	965	--	916	20	236	51	481	17,900	857	7,020	294	1,760
Japan	7,180	513	2,270	134	1,080	374	2,140	9,900	634	3,220	218	1,890
Korea, Republic of	13,300	330	4,800	711	5,940	336	3,510	17,600	896	11,600	--	534
Mexico	4,090	128	748	286	1,680	--	120	7,090	2	225	228	3,900
Spain	2,890	178	1,750	196	1,460	--	97	8,630	113	1,350	772	6,680
Taiwan	2,940	118	406	541	1,670	141	364	2,790	245	1,270	96	525
Thailand	924	39	362	--	--	--	--	413	--	1,780	--	142
Other	12,900	1,730	12,200	1,040	4,310	157	574	19,700	570	2,850	2,310	13,600
Total	334,000	12,000	81,100	22,100	167,000	12,400	90,000	699,000	28,000	214,000	44,400	285,000

-- Zero.

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

Source: U.S. Census Bureau.