

Mineral Industry Surveys

For information, contact:

Mark Brininstool, Copper Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-7798, Fax: (703) 648-7757
E-mail: mbrininstool@usgs.gov

Samir Hakim (Data)
Telephone: (703) 648-7955
Fax: (703) 648-7975
E-mail: shakim@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

COPPER IN SEPTEMBER 2013

Average daily mine production of recoverable copper increased by 6% in September from that in August, and year-to-date mine production through September was 9% higher than that in the same period of 2012. Mine production increased in part owing to higher production at Kennecott Utah Copper Corp.'s Bingham Canyon Mine in Utah, where production recovered faster than expected after a rock slide in April. In the first 9 months of 2013, mine output at Kennecott was 146,500 metric tons (t) of contained copper, a 41% increase compared with production in the first 9 months of 2012. The company expected to produce 185,000 t of contained copper for the full-year 2013 (Rio Tinto plc, 2013, p. 3).

In September, Freeport-McMoRan Copper & Gold Inc. (FCX) and ASARCO LLC issued updates on significant mining and milling expansion projects. FCX announced that construction work on the expansion of the mining and milling capacity at the Morenci Mine in Arizona was more than 40% complete. The company expected the expansion to increase copper output by about 100,000 t in 2014, an increase of about 40% compared with that of 2012. ASARCO reported that the concentrator expansion project at the Mission Mine in Arizona was 95% complete and was expected to be finished in the fourth quarter of 2013. The expansion would increase copper production capacity at the mine by 10,000 metric tons per year of contained copper (Freeport-McMoRan Copper & Gold Inc., 2013, p. 5; Grupo Mexico, S.A.B. de C.V., 2013, p. 7).

The U.S. average daily smelter production increased in September by 9% and electrolytic refinery production decreased slightly, compared with production in August. Year-to-date smelter and electrolytic refinery production through September were 12% and 6% higher, respectively, than in the same period of 2012. Total refined copper stocks at the end of September were 5% less than those at the end of August and 47% less than those at the end of September 2012.

The monthly average spot COMEX copper price was essentially unchanged compared with the price in August, but since January, the average monthly price of copper decreased by 11%. Prices continued to be influenced by speculation about Chinese economic growth and future economic stimulus by the U.S. Federal Reserve System. On September 18, the U.S.

Federal Reserve Board announced that it would continue its bond-buying stimulus program for the time being. On September 18 and 19, copper prices increased by 1.7% and 2.0%, respectively, and reached a monthly high of \$3.35 per pound on September 19 (Mikolajczak, 2013; Platts Metals Daily, 2013).

On September 16, Anglo American plc announced that its wholly owned subsidiary, Anglo American (US) Pebble LLC (AA Pebble) was withdrawing from the Pebble copper project in Alaska. After AA Pebble withdraws, its partner, Northern Dynasty Minerals Ltd., will own 100% of the project. Anglo American had already invested \$541 million in Pebble, but stated that it was exiting the project to focus its capital on "projects with the highest value and lowest risks." A 2011 National Instrument 43-101 compliant preliminary assessment of the project reported measured and indicated resources of 25 million metric tons of contained copper. The project continued to face opposition from groups concerned about the project's impact on salmon fisheries in nearby Bristol Bay (Northern Dynasty Minerals Ltd., 2011; 2013; Wieners, 2013).

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

(Metric tons, unless otherwise specified)

	Source table ²	2013				January– September
		2012 ^p	July	August	September	
Production:						
Primary:						
Mine, recoverable	(2)	1,170,000	107,000	104,000	106,000	918,000
Refinery:						
Electrolytic, domestic and foreign	(4)	491,000	40,200	42,800	40,600	369,000
Electrowon	(4)	471,000	39,800	38,800	36,800	350,000
Total	(4)	962,000	80,000	81,500	77,400	719,000
Secondary recoverable copper:						
Refineries	(5)	39,500	4,680	4,680	4,660	40,700
Ingot makers ³	(5)	76,400	6,360	6,360	6,360	57,300
Brass and wire-rod mills	(5)	572,000	48,300	50,200	47,100	432,000
Foundries, etc. ³	(5)	57,000	4,750	4,750	4,750	42,800
Smelter, total	(3)	485,000	45,600	46,800	49,400	385,000
Consumption:						
Apparent	(8)	1,770,000	165,000	146,000	136,000	1,360,000
Refined (reported)	(7)	1,760,000	151,000	157,000	152,000	1,390,000
Purchased copper-base scrap	(9)	946,000	80,200	82,000	78,800	720,000
Stocks at end of period:						
Total refined	(10)	236,000	306,000	291,000	276,000	276,000
Blister, etc.	(10)	12,300	12,800	10,700 ^r	11,200	11,200
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	367.276	320.051	334.008	333.154	341.974
Imports:⁵						
Ore and concentrate ⁶	(13)	6,290	--	--	--	74
Refined	(13)	630,000	70,000	50,200	42,800	611,000
Exports:⁵						
Ore and concentrate ⁶	(14)	301,000	27,900	24,800	39,900	273,000
Refined	(14)	159,000	8,270	17,100	14,900	70,300

^pPreliminary. ^rRevised. -- 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 tables where these data are located.

³Monthly data estimated based on 2011 monthly average.

⁴Source: Platts Metals Week.

⁵Source: U.S. Census Bureau.

⁶Copper content.

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
2012: ^P						
September	60,900	34,600	95,600	37,400	60,500	98,000
October	64,000	40,500	105,000	43,000	63,800	107,000
November	67,500	43,300	111,000	41,200	72,300	114,000
December	64,500	43,500	108,000	38,400	72,200	111,000
January–December	763,000	404,000	1,170,000	471,000	724,000	1,200,000
2013:						
January	66,500	44,100	111,000	39,400	73,900	113,000
February	57,700	32,100	89,800	34,500	57,200	91,800
March	66,500	35,700	102,000	38,800	65,900	105,000
April	64,100	28,000	92,200	39,100	55,300	94,400
May	70,300	33,900	104,000	42,300	64,400	107,000
June	64,600	37,900	103,000	40,400	64,600	105,000
July	68,200	38,700	107,000	39,800	69,900	110,000
August	65,100	38,400	104,000	38,800	67,100	106,000
September	66,600	39,500	106,000	36,800	71,900	109,000
January–September	590,000	328,000	918,000	350,000	590,000	940,000

^PPreliminary.

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

²Includes production from Alaska, 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
2012: ^P	
September	47,500
October	53,800
November	47,200
December	40,800
January–December	485,000
2013:	
January	39,000
February	46,600
March	44,000
April	44,100
May	45,000
June	25,000
July	45,600
August	46,800
September	49,400
January–September	385,000

^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		
2012: ^p					
September	41,800	37,400	79,300	3,070	82,400
October	46,500	43,000	89,600	4,510	94,100
November	47,700	41,200	88,900	4,010	92,900
December	48,900	38,400	87,300	4,010	91,300
January–December	491,000	471,000	962,000	39,500	1,000,000
2013:					
January	46,100	39,400	85,500	3,870	89,400
February	38,000	34,500	72,600	3,660	76,200
March	43,200	38,800	82,000	4,550	86,600
April	45,500	39,100	84,600	4,770	89,400
May	36,600	42,300	78,900	4,910	83,800
June	35,900	40,400	76,300	4,910	81,200
July	40,200	39,800	80,000	4,680	84,700
August	42,800	38,800	81,500	4,680	86,200
September	40,600	36,800	77,400	4,660	82,000
January–September	369,000	350,000	719,000	40,700	760,000

^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	
2012: ^p									
September	1,560	1,510	981	5,380	43,800	2,610	2,790	1,970	60,600
October	1,680	2,830	981	5,380	44,700	3,020	2,790	1,970	63,400
November	1,300	2,710	981	5,380	44,100	3,140	2,790	1,970	62,400
December	1,420	2,590	981	5,380	42,700	2,500	2,790	1,970	60,400
January–December	17,900	21,600	11,800	64,600	544,000	28,300	33,400	23,600	745,000
2013:									
January	1,490	2,380	981	5,380	44,900	3,280	2,790	1,970	63,100
February	1,320	2,330	981	5,380	44,300	2,870	2,790	1,970	61,900
March	1,330	3,230	981	5,380	44,300	2,850	2,790	1,970	62,800
April	1,500	3,270	981	5,380	45,600	2,880	2,790	1,970	64,400
May	1,620	3,290	981	5,380	45,600	2,900	2,790	1,970	64,500
June	1,620	3,290	981	5,380	44,500	2,910	2,790	1,970	63,500
July	1,440	3,250	981	5,380	45,400	2,860	2,790	1,970	64,100
August	1,440	3,250	981	5,380	46,900	3,290	2,790	1,970	66,000
September	1,420	3,240	981	5,380	44,100	2,980	2,790	1,970	62,900
January–September	13,200	27,500	8,830	48,400	406,000	26,800	25,100	17,700	573,000

^pPreliminary.

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 2012 cumulative data estimated based on 2011 annual data.

⁴Does not include an estimate, based on reported 2011 data, of 2,640 tons per month from new scrap and 2,420 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
2012: ^p						
September	80,400	107,000	80,100	102,000	31,700	24,700
October	78,300	105,000	78,500	111,000	31,500	18,900
November	76,200	97,300	77,500	98,300	30,200	18,000
December	78,300	87,300	77,100	77,400	31,400	27,900
January–December	953,000	1,280,000	951,000	1,280,000	31,400	27,900
2013:						
January	78,400	105,000	79,500	115,000	30,400	17,700
February	77,300	111,000	78,100	108,000	29,600	21,000
March	79,700	114,000	80,200	112,000	29,000	22,700
April	81,600	112,000	81,200	115,000	29,400	19,600
May	81,100	115,000	80,900	115,000	29,600	20,100
June	80,600	110,000	80,200	106,000	30,100	24,400
July	80,300	109,000	79,600	113,000	30,800	20,800
August	80,500	113,000	80,100	115,000	31,200	19,500
September	74,400	110,000	75,500	110,000	30,100	19,300
January–September	714,000	999,000	715,000	1,010,000	30,100	19,300

^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
2012: ^p				
September	35,000	108,000	5,140	148,000
October	34,800	104,000	5,140	144,000
November	34,200	97,700	5,140	137,000
December	34,600	86,800	5,140	127,000
January–December	424,000	1,280,000	61,600	1,760,000
2013:				
January	36,300	104,000	5,140	146,000
February	37,600	111,000	5,140	154,000
March	38,100	114,000	5,140	157,000
April	37,900	112,000	5,140	155,000
May	38,400	115,000	5,140	158,000
June	41,200	110,000	5,140	156,000
July	35,800	110,000	5,140	151,000
August	39,300	113,000	5,140	157,000
September:				
Cathodes	29,100	109,000	1,930	140,000
Wire bars	--	--	W	W
Ingots and ingot bars	1,240	--	1,380	2,620
Cakes and slabs	W	--	W	W
Billets and other	6,680	508	1,830	9,020
Total	37,000	110,000	5,140	152,000
January–September	342,000	999,000	46,200	1,390,000

^pPreliminary. W Withheld to avoid disclosing company proprietary data; included with "Billets and other." -- Zero.

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

²Monthly and 2012 cumulative consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2011 annual data.

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
2012: ^P						
September	79,300	13,900	46,200	4,280	(5,070)	140,000
October	89,600	15,600	52,600	3,160	6,660	148,000
November	88,900	15,600	64,700	3,320	9,250	157,000
December	87,300	14,900	66,100	2,510	32,400	133,000
January–December	962,000	167,000	628,000	159,000	(173,000)	1,770,000
2013:						
January	85,500	15,400	86,800	3,540	25,200	159,000
February	72,600	15,000	64,600	5,300	14,700	132,000
March	82,000	15,800	87,200	5,110	32,300	148,000
April	84,600	15,900	55,100	5,380	17,500	133,000
May	78,900	16,000	83,600	5,740	(9,400)	182,000
June	76,300	16,000	67,100	4,890	(2,760)	157,000
July	80,000	15,900	69,700	8,270	(7,460)	165,000
August	81,500	16,300	50,200	17,100	(14,800)	146,000
September	77,400	16,000	42,800	14,900	(15,200)	136,000
January–September	719,000	142,000	607,000	70,300	40,200	1,360,000

^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 2011 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	
2012: ^P									
September	1,610	1,560	2,400	7,490	55,100	2,720	4,330	2,100	77,400
October	1,940	2,690	2,400	7,490	56,000	3,170	4,330	2,100	80,100
November	1,530	2,590	2,400	7,490	55,200	3,260	4,330	2,100	78,900
December	1,500	2,630	2,400	7,490	53,700	2,560	4,330	2,100	76,700
January–December	18,900	21,800	28,800	89,900	680,000	29,500	52,000	25,200	946,000
2013:									
January	1,540	2,640	2,400	7,490	56,700	3,350	4,330	2,100	80,500
February	1,360	2,600	2,400	7,490	56,000	2,940	4,330	2,100	79,200
March	1,370	2,600	2,400	7,490	55,600	2,910	4,330	2,100	78,800
April	1,550	2,640	2,400	7,490	56,900	2,950	4,330	2,100	80,400
May	1,700	2,680	2,400	7,490	56,800	2,980	4,330	2,100	80,500
June	1,670	2,680	2,400	7,490	55,900	3,010	4,330	2,100	79,600
July	1,480	2,630	2,400	7,490	56,900	2,920	4,330	2,100	80,200
August	1,480	2,630	2,400	7,490	58,200	3,450	4,330	2,100	82,000
September	1,470	2,630	2,400	7,490	55,300	3,060	4,330	2,100	78,800
January–September	13,600	23,700	21,600	67,400	508,000	27,600	39,000	18,900	720,000

^PPreliminary.

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

²Monthly data estimated from 2011 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
2012: ^P								
September	16,700	3,900	16,100	6,120	4,330	45,700	111,000	187,000
October	19,700	4,990	27,100	6,020	4,330	51,300	100,000	194,000
November	18,600	7,760	28,100	6,300	4,330	58,400	98,400	203,000
December	12,300	12,900	28,100	6,540	4,330	64,100	120,000	236,000
2013:								
January	8,620	12,500	31,300	6,370	4,330	67,200	139,000	261,000
February	20,100	12,400	26,300	6,460	4,330	68,100	158,000	276,000
March	17,900	9,350	23,700	6,090	4,330	69,200	195,000	308,000
April	21,800	6,520	26,200	6,280	4,330	77,600	205,000	325,000
May	28,700	5,870	24,400	6,940	4,330	72,400	202,000	316,000
June	11,500	7,150	20,800	7,160	4,330	65,800	208,000	313,000
July	12,800	7,880	14,600	7,840	4,330	58,600	213,000	306,000
August	10,700 ^r	8,000	18,100	6,670	4,330	33,100	221,000	291,000
September	11,200	8,780	19,300	6,830	4,330	28,200	208,000	276,000

^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 2011 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
2012:			
September	377.692	371.866	365.959
October	373.819	367.993	366.006
November	356.186	350.360	348.989
December	368.189	362.363	361.154
Year	367.276	361.450	360.580
2013:			
January	372.564	366.738	365.086
February	372.471	366.645	366.049
March	352.474	346.648	347.553
April	333.544	327.718	326.721
May	335.728	329.902	327.884
June	323.771	317.945	317.683
July	320.051	314.225	312.639
August	334.008	328.182	325.764
September	333.154	327.328	324.822
January–September	341.974	336.148	334.911

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
2012:				
September	365.42	333.76	290.39	195.26
October	357.89	325.41	297.50	200.00
November	341.40	310.03	285.25	195.75
December	356.06	325.89	294.44	196.94
Year	354.19	322.35	289.91	195.35
2013:				
January	359.76	331.38	297.74	200.00
February	359.05	331.05	301.97	199.74
March	341.29	314.14	291.55	194.76
April	324.64	298.55	267.50	187.50
May	325.76	302.55	272.50	188.00
June	315.60	292.95	269.00	186.10
July	312.64	292.00	255.23	180.00
August	327.14	305.95	260.55	182.68
September	324.68	301.65	265.00	184.25
January–September	332.28	307.80	275.67	189.23

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		
	2013			2013			2013			2013		
	2012	September	January–September	2012	September	January–September	2012	September	January–September	2012	September	January–September
Belgium	143	--	--	170	30	168	--	--	--	384	--	6
Brazil	--	--	--	--	--	--	--	--	--	--	--	4,050
Canada	186	--	58	224	10	154	12	--	2	115,000	15,800	129,000
Chile	--	--	--	--	--	--	--	--	--	402,000	19,700	400,000
China	--	--	13	180	--	--	1	--	--	67	6	50
Finland	--	--	--	--	--	--	260	18	168	137	113	443
Germany	15	--	--	--	--	--	--	--	--	2,230	201	1,440
Japan	--	--	--	2	(2)	3	25	--	1	4,700	382	4,140
Mexico	5,940	--	--	369	19	309	--	--	--	88,200	4,070	52,900
Netherlands	--	--	--	338	--	65	3	--	(2)	6	--	(2)
Peru	--	--	--	--	--	--	--	--	511	16,400	176	9,810
Other	10	--	3	218	18	141	253	--	87	789	2,290	9,060
Total	6,290	--	74	1,500	77	840	554	18	769	630,000	42,800	611,000

-- 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		
	2013			2013			2013			2013		
	2012	September	January–September	2012	September	January–September	2012	September	January–September	2012	September	January–September
Canada	13,300	838	6,060	34,900	1,640	20,800	3,100	217	2,340	757	12	1,080
China	118,000	14,800	75,300	460	--	78	149	21	130	100,000	11,500	30,700
Germany	104	--	4	284	--	62	409	92	511	84	6	64
Hong Kong	--	--	1	4	--	--	1,530	119	1,150	84	1	136
Italy	--	--	--	--	--	--	189	--	162	47	--	--
Japan	14,100	--	14,000	--	--	882	863	61	609	1,410	204	2,310
Korea, Republic of	14,400	--	3,190	--	--	--	1,090	40	685	105	--	--
Mexico	120,000	20,700	169,000	--	--	--	164	10	121	54,000	3,140	34,700
Singapore	--	--	--	15	18	87	62	4	144	3	--	2
Spain	(2)	--	--	--	--	--	110	--	79	209	--	609
Sweden	--	--	--	--	--	--	12	--	1	638	--	37
Switzerland	--	--	--	--	--	--	45	--	44	23	--	7
Taiwan	4	--	4	--	--	--	3,750	57	1,460	4	31	102
Other	21,300	3,560	5,560	212	18	519	2,430	134	1,380	998	57	544
Total	301,000	39,900	273,000	35,800	1,670	22,400	13,900	755	8,810	159,000	14,900	70,300

-- 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		
	2012	2013		2012	2013	
		September	January–September		September	January–September
Canada	14,300	1,260	10,700	32,600	3,140	25,100
Chile	42	--	44	192	--	14
Costa Rica	582	20	122	1,750	167	1,570
Guatemala	558	56	384	2,520	206	1,570
Honduras	53	--	7	1,100	81	880
Japan	20	--	2	(2)	2	6
Mexico	9,040	818	7,250	26,500	2,530	21,600
Nicaragua	921	44	613	660	25	287
Other	4,910	253	2,660	8,800	448	5,670
Total	30,500	2,450	21,800	74,100	6,600	56,600

-- 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				
	2012	2013						2012	2013			
		No. 1		No. 2		Other			Segregated		Unsegregated	
		September	January– September	September	January– September	September	January– September		September	January– September	September	January– September
Belgium	23,900	439	10,100	392	3,180	159	1,350	15,700	369	1,890	365	6,790
Canada	20,000	--	--	--	--	1,560	16,300	41,400	345	1,770	3,310	27,000
China	341,000	4,230	45,100	15,200	124,000	8,930	67,000	539,000	20,100	177,000	26,100	209,000
Germany	22,200	2,080	14,700	155	1,090	130	4,760	13,400	19	615	589	5,490
Hong Kong	4,820	39	933	70	1,300	354	3,420	43,900	507	5,720	3,250	33,300
India	1,260	20	213	--	212	57	122	8,880	433	4,430	40	1,550
Japan	9,470	21	725	212	812	94	1,010	8,760	887	4,800	309	5,230
Korea, Republic of	16,400	403	3,860	189	2,690	19	1,490	9,750	717	6,810	228	1,590
Mexico	3,960	40	1,060	--	221	19	405	5,340	15	453	249	2,560
Spain	4,270	472	2,220	41	719	40	40	8,070	19	133	765	5,920
Taiwan	2,990	382	1,490	152	2,210	--	19	3,200	136	1,890	610	3,210
Thailand	416	40	536	--	--	--	683	383	81	539	63	83
Other	29,000	1,910	12,400	238	3,170	892	2,190	17,800	1,080	7,940	1,100	7,380
Total	479,000	10,100	93,300	16,600	139,000	12,300	98,800	716,000	24,700	214,000	37,000	309,000

-- Zero.

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

Source: U.S. Census Bureau.