

Mineral Industry Surveys

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COPPER IN APRIL 2012

Average daily mine production of recoverable copper in April increased by 7% from that in March and was at its highest level since November 2011. Although smelter production in April increased by 16% from that in March, it remained 16% below that for April 2011. Smelter production for the first 4 months of 2012 was 18% less than that in the same period of 2011. Maintenance closures at two smelters reduced output during the first quarter of 2012, and production at Kennecott Utah Copper Corp.'s smelter in Garfield, UT, declined in April ahead of a 26-day shutdown that began on April 30 and had been scheduled to coincide with a period of reduced concentrate production from mining lower ore grades at the integrated Bingham Canyon Mine. Downstream, total U.S. refined production declined by about 5% in April from that in March and was at its lowest monthly level since 1980, when a 5-month labor strike crippled domestic production (Rio Tinto plc, 2012, p. 3; Shumsky, 2012).

Consumption of refined copper in April declined by about 9% from that in March but year-to-date consumption through April was essentially unchanged from that in the same period of 2011. Exports of refined copper continued their upward trend, rising by 45% in April to almost 38,000 metric tons (t), the highest monthly level in at least 40 years. Coincident with low domestic refined production and high export levels, domestic stocks of refined copper declined by almost 42,000 t (13%) during April and at monthend, were at their lowest level since February 2009.

At the end of March, Duluth Metals Ltd. (Toronto, Ontario, Canada) announced that Twin Metals Minnesota LLC [60% owned by Duluth Metals and 40% by Antofagasta plc (London, United Kingdom)] had commissioned a prefeasibility study for

its Twin Metals Project (formerly known as the Nokomis deposit) in northern Minnesota. The study was to provide options for underground mining and milling of up to 80,000 metric tons per day of ore and was to include a hydrometallurgical plant having a minimum capability to produce copper cathode, nickel hydroxide, and platinum-group metals concentrate. A resource estimate completed in October 2009 (based on a copper equivalent cut-off grade of 1%) reported indicated resources of 550 million metric tons (Mt) containing 3.5 Mt of copper and grading 0.639% copper, 0.2% nickel, and 0.66 gram per metric ton precious metals, and additional inferred resources of 274 Mt of ore with similar grades (Duluth Metals Ltd., 2012a, b).

References Cited

- Duluth Metals Ltd., 2012a, Duluth Metals announces Twin Metals frame-of-reference for Bechtel led pre-feasibility study: Toronto, Ontario, Canada, Duluth Metals Ltd. news release, March 21, 3 p. (Accessed July 16, 2012, at <http://www.duluthmetals.com/i/pdf/March-21-2012-Bechtel-frame-of-reference-FINAL.pdf>.)
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- Rio Tinto plc, 2012, Second quarter 2012 operations review: London, United Kingdom, Rio Tinto plc media release, July 17, 25 p. (Accessed August 6, 2012, at http://www.riotinto.com/documents/PR969g_Second_quarter_2012_operations_review.pdf.)
- Shumsky, Tatayana, 2012, Rio Tinto Kennecott shuts down copper smelter in Utah: New York, NY, Dow Jones Newswires, May 2. (Accessed July 11, 2012, at <http://www.marketwatch.com/story/rio-tinto-kennecott-shuts-down-utah-smelter-2012-05-02>.)

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

(Metric tons, unless otherwise specified)

	Source table ²	2011 ^P	2012			
			February	March	April	January– April
Production:						
Primary:						
Mine, recoverable	(2)	1,110,000	93,100	92,900	96,400	375,000
Refinery:						
Electrolytic, domestic and foreign	(4)	545,000	39,900	34,600	32,400	153,000
Electrowon	(4)	449,000	39,100	41,000	38,900	158,000
Total	(4)	994,000	79,000	75,600	71,300	311,000
Secondary recoverable copper:						
Refineries	(5)	37,300	3,350	2,960	2,950	12,300
Ingot makers ³	(5)	71,500	5,960	5,960	5,960	23,800
Brass and wire-rod mills	(5)	571,000	48,300	49,700	48,000	194,000
Foundries, etc. ³	(5)	46,000	3,830	3,830	3,830	15,300
Smelter, total	(3)	538,000	36,800	29,500	34,100	145,000
Consumption:						
Apparent	(8)	1,710,000	157,000	156,000	137,000	590,000
Refined (reported)	(7)	1,750,000	146,000	158,000	143,000	600,000
Purchased copper-base scrap	(9)	924,000	78,000	79,400	76,900	312,000
Stocks at end of period:						
Total refined	(10)	409,000	358,000	309,000	268,000	268,000
Blister, etc.	(10)	13,000	14,200	16,500	19,200	19,200
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	405.854	390.409	389.774 ^r	377.744	382.655
Imports:⁵						
Ore and concentrate ⁶	(13)	15,100	2,020	2,380	--	4,420
Refined	(13)	670,000	51,100	47,100	51,600	188,000
Exports:⁵						
Ore and concentrate ⁶	(14)	252,000	15,500	32,300	29,000	88,400
Refined	(14)	40,400	18,300	26,000	37,900	91,800

^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 2010 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
2011: ^p						
April	59,300	23,600	82,900	35,500	49,300	84,800
May	66,500	32,300	98,800	38,800	62,400	101,000
June	63,900	29,600	93,500	38,600	57,100	95,700
July	61,900	30,200	92,200	36,600	57,800	94,400
August	65,000	27,300	92,400	38,100	56,600	94,700
September	64,400	27,600	91,900	37,700	56,500	94,100
October	66,500	31,800	98,300	40,400	60,400	101,000
November	67,100	35,800	103,000	41,300	63,800	105,000
December	65,600	29,300	94,900	40,200	56,900	97,100
January–December	751,000	361,000	1,110,000	449,000	690,000	1,140,000
2012:						
January	63,300	29,600	92,900	39,200	55,800	95,000
February	65,200	27,900 ^r	93,100	39,100	56,300	95,400
March	65,800	27,100	92,900	41,000	54,000	95,000
April	63,800	32,600	96,400	38,900	59,800	98,700
January–April	258,000	117,000	375,000	158,000	226,000	384,000

^pPreliminary. ^rRevised.

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
2011: ^p	
April	40,500
May	47,200
June	33,400
July	44,100
August	41,100
September	49,500
October	51,900
November	47,900
December	45,600
January–December	538,000
2012:	
January	44,800
February	36,800
March	29,500
April	34,100
January–April	145,000

^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		
2011: ^P					
April	41,200	35,500	76,700	2,970	79,700
May	40,900	38,800	79,700	3,240	82,900
June	44,800	38,600	83,400	3,060	86,400
July	39,600	36,600	76,200	3,030	79,200
August	38,400	38,100	76,500	3,200	79,700
September	53,000	37,700	90,600	3,010	93,600
October	46,200	40,400	86,500	3,110	89,600
November	50,700	41,300	92,100	3,010	95,100
December	53,700	40,200	93,800	2,630	96,500
January–December	545,000	449,000	994,000	37,300	1,030,000
2012:					
January	46,200	39,200	85,400	3,060	88,500
February	39,900	39,100	79,000	3,350	82,400
March	34,600	41,000	75,600	2,960	78,500
April	32,400	38,900	71,300	2,950	74,200
January–April	153,000	158,000	311,000	12,300	324,000

^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	
2011: ^P									
April	1,480	1,490	972	4,990	48,000	1,530	2,730	1,110	62,300
May	1,700	1,540	972	4,990	46,200	1,420	2,730	1,110	60,700
June	1,540	1,520	972	4,990	46,300	1,420	2,730	1,110	60,500
July	1,530	1,500	972	4,990	45,200	1,470	2,730	1,110	59,500
August	1,650	1,550	972	4,990	44,300	1,420	2,730	1,110	58,700
September	1,510	1,500	972	4,990	46,900	1,490	2,730	1,110	61,200
October	1,590	1,520	972	4,990	44,700	1,500	2,730	1,110	59,100
November	1,510	1,500	972	4,990	45,500	1,420	2,730	1,110	59,700
December	1,180	1,450	972	4,990	45,400	1,480	2,730	1,110	59,300
January–December	18,900	18,400	11,700	59,800	553,000	17,600	32,700	13,300	726,000
2012:									
January	1,560	1,510	972	4,990	46,700	1,500	2,730	1,110	61,000
February	1,780	1,580	972	4,990	46,800	1,490	2,730	1,110	61,400
March	1,470	1,490	972	4,990	48,300	1,480	2,730	1,110	62,500
April	1,460	1,490	972	4,990	46,500	1,480	2,730	1,110	60,700
January–April	6,270	6,060	3,890	19,900	188,000	5,950	10,900	4,420	246,000

^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 2011 cumulative data estimated based on 2010 annual data.

⁴Does not include an estimate, based on reported 2010 data, of 2,510 tons per month from new scrap and 1,830 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
2011: ^P						
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	77,900	104,000	30,700	25,100
October	78,100	106,000	78,400	110,000	30,300	21,600
November	77,100	98,600	77,800	97,400	29,600	22,800
December	77,900	91,400	77,600	87,200	29,900	27,000
January–December	951,000	1,250,000	951,000	1,250,000	29,900	27,000
2012:						
January	79,400	112,000	79,300	115,000	30,000	24,000
February	79,400	108,000	79,900	110,000	29,500	22,100
March	81,500	117,000	80,800	112,000	30,200	26,900
April	78,800	103,000	78,600	108,000	30,400	21,000
January–April	319,000	439,000	319,000	446,000	30,400	21,000

^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
2011: ^P				
April	36,700	110,000	4,800	152,000
May	35,300	111,000	4,800	151,000
June	36,400	110,000	4,800	151,000
July	36,000	100,000	4,800	141,000
August	35,700	107,000	4,800	148,000
September	35,200	106,000	4,800	146,000
October	34,300	107,000	4,800	146,000
November	36,200	99,500	4,800	140,000
December	34,200	89,600	4,800	129,000
January–December	430,000	1,270,000	57,600	1,750,000
2012:				
January	35,800	111,000	4,800	152,000
February	35,600	106,000	4,800	146,000
March	36,100	117,000	4,800	158,000
April:				
Cathodes	28,300	102,000	1,470	132,000
Wire bars	--	--	W	W
Ingots and ingot bars	1,240	--	1,440	2,680
Cakes and slabs	W	--	W	W
Billets and other	6,670	--	1,900	8,570
Total	36,200	102,000	4,800	143,000
January–April	144,000	437,000	19,200	600,000

^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 2011 cumulative consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2010 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
2011: ^P						
April	76,700	10,900	70,100	2,120	(6,240)	162,000
May	79,700	10,900	61,500	3,500	(827)	149,000
June	83,400	10,900	42,400	1,930	(5,560)	140,000
July	76,200	10,900	68,900	1,850	9,070	145,000
August	76,500	10,900	31,300	5,140	1,160	112,000
September	90,600	10,900	64,300	2,140	7,510	156,000
October	86,500	10,900	46,700	2,350	5,660	136,000
November	92,100	10,800	49,200	6,870	3,780	141,000
December	93,800	10,900	48,800	4,690	22,300	126,000
January–December	994,000	131,000	649,000	40,400	25,100	1,710,000
2012:						
January	85,400	10,900	37,500	9,610	(16,000)	140,000
February	79,000	11,000	50,400	18,300	(35,200)	157,000
March	75,600	10,900	46,800	26,000	(48,300)	156,000
April	71,300	10,900	51,300	37,900	(41,500)	137,000
January–April	311,000	43,700	186,000	91,800	(141,000)	590,000

^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 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	
2011: ^P									
April	1,530	1,540	2,880	6,440	59,500	1,610	4,020	1,490	79,000
May	1,750	1,590	2,880	6,440	57,800	1,430	4,020	1,490	77,400
June	1,610	1,550	2,880	6,440	57,700	1,430	4,020	1,490	77,100
July	1,570	1,550	2,880	6,440	55,900	1,520	4,020	1,490	75,400
August	1,720	1,580	2,880	6,440	54,900	1,430	4,020	1,490	74,400
September	1,560	1,540	2,880	6,440	58,200	1,540	4,020	1,490	77,600
October	1,640	1,560	2,880	6,440	56,000	1,560	4,020	1,490	75,600
November	1,560	1,540	2,880	6,440	56,600	1,430	4,020	1,490	76,000
December	1,250	1,460	2,880	6,440	56,800	1,540	4,020	1,490	75,900
January–December	19,700	18,700	34,500	77,200	689,000	18,200	48,200	17,900	924,000
2012:									
January	1,600	1,560	2,330	6,980	58,000	1,570	4,020	1,490	77,600
February	1,850	1,610	2,330	6,980	58,200	1,560	4,020	1,490	78,000
March	1,520	1,530	2,330	6,980	60,000	1,530	4,020	1,490	79,400
April	1,510	1,530	2,330	6,980	57,500	1,530	4,020	1,490	76,900
January–April	6,470	6,230	9,310	27,900	234,000	6,190	16,100	5,960	312,000

^PPreliminary.

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
2011: ^P								
April	24,900	5,060	18,100	7,240	4,380	75,500	256,000	366,000
May	27,200	6,180	21,900	7,500	4,380	73,500	251,000	365,000
June	20,100	5,740	21,000	7,860	4,380	72,700	248,000	359,000
July	20,100	5,570	16,400	8,160	4,380	75,100	259,000	368,000
August	13,000	5,990	20,200	7,440	4,380	77,500	254,000	370,000
September	14,300	7,050	18,100	7,160	4,380	79,400	261,000	377,000
October	18,500	5,890	16,200	8,690	4,380	81,600	266,000	383,000
November	14,500	7,980	17,200	6,940	4,380	79,000	271,000	387,000
December	13,000	8,360	24,000	6,850	4,380	79,800	286,000	409,000
2012:								
January	10,900	8,020	26,400	7,210	4,380	80,800	266,000	393,000
February	14,200	4,360	26,900	7,160	4,380	83,100	232,000	358,000
March	16,500	3,410	19,500	6,790	4,380	78,500	197,000	309,000
April	19,200	4,370	14,200	6,450	4,380	69,000	170,000	268,000

^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 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
2011:			
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
October	340.186	334.360	333.259
November	350.045	344.219	342.524
December	349.033	343.207	343.240
Year	405.854	400.050	399.790
2012:			
January	372.691	366.865	364.824
February	390.409	384.583	382.016
March	389.774 ^r	383.948	383.582
April	377.744	371.918	374.616
January–April	382.655	376.829	376.260

^rRevised.

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
2011:				
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
October	326.38	298.38	242.98	185.00
November	334.20	308.75	269.00	185.00
December	335.16	308.16	268.42	185.00
Year	389.12	350.72	301.67	188.28
2012:				
January	357.75	330.55	277.50	189.25
February	374.00	343.30	302.75	200.00
March	375.55	340.45	307.50	200.00
April	364.25	328.25	298.93	200.00
January–April	367.89	335.64	296.67	197.31

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		
	2012			2012			2012			2012		
	2011	April	January–April	2011	April	January–April	2011	April	January–April	2011	April	January–April
Belgium	--	--	--	200	--	73	--	--	--	1	6	6
Canada	8,430	--	19	239	5	103	2	1	9	138,000	10,500	43,900
Chile	--	--	--	--	--	--	--	--	--	370,000	31,800	101,000
China	--	--	--	79	--	180	(2)	--	--	203	1	38
Finland	--	--	--	--	--	--	310	18	84	(2)	--	--
Germany	--	--	15	54	--	--	(2)	--	--	3,020	203	734
Japan	--	--	--	(2)	(2)	1	16	1	5	5,540	631	1,800
Mexico	6,710	--	4,380	--	--	--	--	--	--	97,100	8,320	34,100
Netherlands	--	--	--	193	23	192	1	--	--	(2)	--	6
Peru	--	--	--	--	--	--	--	--	--	55,200	124	6,280
Other	--	--	9	218	17	45	142	19	95	884	35	114
Total	15,100	--	4,420	983	45	594	471	39	193	670,000	51,600	188,000

-- 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		
	2012			2012			2012			2012		
	2011	April	January–April	2011	April	January–April	2011	April	January–April	2011	April	January–April
Canada	14,300	976	4,020	35,900	2,560	9,930	4,440	134	782	3,980	37	129
China	97,000	8,630	23,200	1,190	21	439	616	39	89	4,460	30,200	66,200
Germany	110	--	30	402	18	88	911	40	160	81	--	11
Hong Kong	17	--	--	--	--	--	1,150	119	633	19	28	30
Italy	--	--	--	--	--	--	176	42	85	1,480	--	(2)
Japan	22,000	--	--	172	--	--	862	75	270	11	145	436
Korea, Republic of	--	--	7,570	--	--	--	761	78	271	104	--	--
Mexico	114,000	13,200	39,300	--	--	--	255	17	70	27,800	7,430	23,600
Singapore	--	--	--	--	--	--	431	7	31	--	2	2
Spain	6	--	--	--	--	--	228	41	61	1,040	2	209
Sweden	--	--	--	--	--	--	2	--	10	384	--	469
Switzerland	--	--	--	--	--	--	21	6	16	3	1	3
Taiwan	1	--	4	--	--	--	799	505	1,360	7	--	1
Other	4,550	6,200	14,200	609	4	97	3,610	179	867	1,050	5	750
Total	252,000	29,000	88,400	38,300	2,610	10,600	14,300	1,280	4,710	40,400	37,900	91,800

-- 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	2012		2011	2012	
		April	January– April		April	January– April
Canada	14,600	1,370	4,950	34,800	2,830	10,800
Chile	39	--	14	403	10	61
Costa Rica	834	82	245	2,300	135	577
Guatemala	666	78	245	1,960	177	810
Honduras	47	17	27	1,060	44	262
Jamaica	95	--	--	325	--	--
Japan	29	--	10	33	--	--
Mexico	8,390	739	3,270	28,400	1,760	8,550
Nicaragua	1,080	78	371	968	61	265
Other	4,620	296	1,610	9,210	881	3,050
Total	30,400	2,660	10,700	79,400	5,900	24,300

-- 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				
	2012							2012				
	2011	No. 1		No. 2		Other		2011	Segregated		Unsegregated	
		April	January–April	April	January–April	April	April		April	January–April	April	January–April
Belgium	14,400	2,080	6,070	459	1,350	194	889	14,300	96	788	688	4,020
Canada	20,400	--	--	--	--	1,540	6,780	38,000	102	642	3,700	14,100
China	383,000	4,040	19,500	14,100	60,500	9,450	39,100	557,000	19,200	82,200	26,300	103,000
Germany	8,470	1,170	5,120	432	960	111	475	13,900	137	927	889	4,320
Hong Kong	5,970	94	284	143	1,080	184	914	29,000	682	3,580	1,730	5,840
India	1,690	19	57	99	239	12	12	12,200	977	3,360	100	226
Japan	8,810	233	931	206	546	533	2,210	7,480	436	2,220	97	448
Korea, Republic of	19,100	400	1,280	606	2,780	382	1,510	17,100	388	2,010	--	273
Mexico	3,150	--	21	--	14	2	42	7,000	13	155	367	1,390
Spain	5,170	117	554	325	904	--	63	11,600	20	492	730	2,610
Taiwan	4,170	103	310	39	417	57	179	3,400	238	639	70	1,160
Thailand	491	20	178	--	--	--	--	2,040	--	--	--	18
Other	25,200	1,360	5,350	841	3,430	233	821	25,400	301	1,420	1,270	5,240
Total	501,000	9,630	39,600	17,200	72,200	12,700	53,000	739,000	22,600	98,500	36,000	143,000

-- Zero.

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

Source: U.S. Census Bureau.