

# Mineral Industry Surveys

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## COPPER IN APRIL 2011

Average daily mine production of copper in April declined by about 7% from that in March 2011 and was down by about 8% from that in April 2010, according to data compiled by the U.S. Geological Survey. Downstream, daily total refined production was down by 3% and 11%, respectively, for the same comparative periods. Mine and refinery production for the first 4 months of 2011 were down by about 5% and 12%, respectively, from those during the same period of 2010. Average daily consumption of refined copper in April was down slightly from that in March and April 2010. Year-to-date consumption of refined copper through April 2011, however, was up slightly from that during the same period of 2010.

### Update

Most of the April decline in mine production was attributable to Rio Tinto plc's (London, United Kingdom) Bingham Canyon Mine in Utah where, despite record mill throughputs, lower mill head grades resulted in lower copper recovery. Rio Tinto reported second quarter 2011 production at Bingham Canyon of 45,600 metric tons (t), a decline of 17% (9,300 t) from that during the second quarter of 2010 and 24% (14,800 t) from first quarter 2011 production of 60,400 t (Rio Tinto plc, 2011, p. 3).

In the second quarter of 2011, ASARCO LLC's mines in Arizona produced 46,200 t of copper, 7.6% (3,300 t) more than first quarter 2011 production of 42,900 t. Second quarter

production, however, was 13.5% (7,200 t) lower than second quarter 2010 production of 53,400 t owing to lower ore grades at the Mission and Ray Mines (Grupo México, S.A.B. de C.V., 2011)

In the second quarter 2011, production at Freeport McMoRan Copper & Gold Inc.'s U.S. mines rose to 153,000 t from 138,000 t in the first quarter, principally owing to an 11% increase in production at its Morenci Mine in Arizona, where a ramp-up of the mining rate to 635,000 metric tons per year was completed during the first quarter. Though adding only 2,000 t to production in the second quarter of 2011, restart of mining and milling at the Chino Mine in New Mexico was expected to add 45,000 t to annual production in 2012 and 2013 and 90,000 t in 2014 (Freeport McMoRan Copper & Gold Inc., 2011, p. 3, 12).

### References Cited

- Freeport McMoRan Copper & Gold Inc., 2011, Freeport McMoRan Copper & Gold Inc. reports second quarter and six-month 2011 results: Phoenix, AZ, Freeport McMoRan Copper & Gold Inc. news release, July 7, 39 p.  
Grupo México, S.A.B. de C.V., 2011, Second quarter 2011 results: Mexico City, Mexico, Grupo México, S.A.B. de C.V. press release, July 28, 10 p.  
Rio Tinto plc, 2011, Second quarter operations review: London, United Kingdom, Rio Tinto plc press release, July 14, 26 p.

TABLE 1  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, unless otherwise specified)

	Source table <sup>2</sup>	2011				
		2010 <sup>p</sup>	February	March	April	January– April
<b>Production:</b>						
<b>Primary:</b>						
Mine, recoverable	(2)	1,110,000	82,600 <sup>r</sup>	91,900 <sup>r</sup>	83,000	348,000
<b>Refinery:</b>						
Electrolytic, domestic and foreign	(4)	627,000	42,200	44,500	41,200	177,000
Electrowon	(4)	430,000	31,400	37,200	35,600	138,000
Total	(4)	1,060,000	73,500	81,800	76,800	315,000
<b>Secondary recoverable copper:</b>						
Refineries	(5)	37,700	2,970	3,240	2,970	13,000
Ingot makers <sup>3</sup>	(5)	73,900	6,160	6,160	6,160	24,600
Brass and wire-rod mills	(5)	565,000	46,600	48,300	49,500	195,000
Foundries, etc. <sup>3</sup>	(5)	46,100	3,840	3,840	3,840	15,400
Smelter, total	(3)	601,000	42,000	43,000	40,500	178,000
<b>Consumption:</b>						
Apparent	(8)	1,740,000	125,000	165,000	162,000	601,000
Refined (reported)	(7)	1,760,000	148,000	150,000	151,000	603,000
Purchased copper-base scrap	(9)	915,000	76,000	78,500	79,100	314,000
<b>Stocks at end of period:</b>						
Total refined	(10)	384,000	382,000	372,000	366,000	366,000
Blister, etc.	(10)	21,100	24,800	24,700	24,900	24,900
Prices, U.S. producer cathode (cents per pound) <sup>4</sup>	(11)	348.337	454.992	437.780	436.264	442.323
<b>Imports:<sup>5</sup></b>						
Ore and concentrate <sup>6</sup>	(13)	1,390	4	11	NA	15 <sup>7</sup>
Refined	(13)	605,000	50,500	66,200	NA	174,000 <sup>7</sup>
<b>Exports:<sup>5</sup></b>						
Ore and concentrate <sup>6</sup>	(14)	137,000	13,400	18,700	NA	49,100 <sup>7</sup>
Refined	(14)	78,300	5,010	3,130	NA	9,780 <sup>7</sup>

<sup>p</sup>Preliminary. <sup>r</sup>Revised. NA Not available. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits, except prices; may not add to totals shown.

<sup>2</sup>Numbers in parentheses refer to the significant tables where these data are located.

<sup>3</sup>Monthly data estimated based on 2009 monthly average.

<sup>4</sup>Source: Platts Metals Week.

<sup>5</sup>Source: U.S. Census Bureau.

<sup>6</sup>Copper content.

<sup>7</sup>Includes data for January–March only; April 2011 data were not available at time of publication.

TABLE 2  
MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES<sup>1</sup>

(Metric tons)

Period	Recoverable copper			Contained copper		
	Arizona	Others <sup>2</sup>	Total	Electrowon	Concentrates <sup>3</sup>	Total
2010: <sup>P</sup>						
April	56,600	33,300	89,900	34,200	57,400	91,600
May	61,500	30,400	91,900	36,900	56,800	93,600
June	58,600	27,500	86,000	35,000	52,700	87,700
July	59,100	35,300	94,400	36,000	60,200	96,200
August	56,200	37,800	94,100	34,500	61,400	95,900
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	33,300 <sup>r</sup>	90,600 <sup>r</sup>	33,700	58,900 <sup>r</sup>	92,600 <sup>r</sup>
February	53,000	29,700 <sup>r</sup>	82,600 <sup>r</sup>	31,400	53,200 <sup>r</sup>	84,600 <sup>r</sup>
March	60,800	31,100 <sup>r</sup>	91,900 <sup>r</sup>	37,200	56,800 <sup>r</sup>	94,000 <sup>r</sup>
April	59,300	23,700	83,000	35,600	49,300	85,000
January–April	230,000	118,000	348,000	138,000	218,000	356,000

<sup>P</sup>Preliminary. <sup>r</sup>Revised.

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

<sup>2</sup>Includes production from Idaho, Missouri, Montana, Nevada, New Mexico, and Utah.

<sup>3</sup>Includes copper content of precipitates and other metal concentrates.

TABLE 3  
COPPER PRODUCED AT SMELTERS IN  
THE UNITED STATES, BY SOURCE<sup>1,2</sup>

(Metric tons, copper content)

Period	Anode production
2010: <sup>P</sup>	
April	46,100
May	36,400
June	57,100
July	59,000
August	60,600
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
January–April	178,000

<sup>P</sup>Preliminary.

<sup>1</sup>Includes blister, anode and copper from primary or secondary sources.

<sup>2</sup>Data 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 RECOVERY<sup>1</sup>

(Metric tons)

Period	Primary materials			Scrap	Total refined
	Electrolytically refined <sup>2</sup>	Electrowon	Total		
2010: <sup>P</sup>					
April	52,100	34,200	86,300	3,290	89,500
May	45,600	36,900	82,400	2,960	85,400
June	51,000	35,000	86,000	3,280	89,300
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
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	33,700	83,200	3,830	87,100
February	42,200	31,400	73,500	2,970	76,500
March	44,500	37,200	81,800	3,240	85,000
April	41,200	35,600	76,800	2,970	79,800
January–April	177,000	138,000	315,000	13,000	328,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>From domestic and foreign source materials.

TABLE 5  
COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP<sup>1</sup>

(Metric tons, copper content)

Period	Refineries <sup>2</sup>		Ingot makers <sup>3</sup>		Brass and wire-rod mills		Foundries, etc. <sup>3</sup>		Total <sup>4</sup>
	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
2010: <sup>P</sup>									
April	1,730	1,550	958	5,200	45,300	1,420	2,580	1,260	60,000
May	1,470	1,490	958	5,200	44,900	1,420	2,580	1,260	59,300
June	1,720	1,560	958	5,200	51,400	1,420	2,580	1,260	66,100
July	1,650	1,530	958	5,200	43,700	1,460	2,580	1,260	58,300
August	1,840	1,620	958	5,200	46,600	1,460	2,580	1,260	61,500
September	1,770	1,560	958	5,200	45,900	1,460	2,580	1,260	60,700
October	1,700	1,540	958	5,200	45,400	1,420	2,580	1,260	60,000
November	1,660	1,540	958	5,200	43,100	1,420	2,580	1,260	57,700
December	1,390	1,470	958	5,200	39,100	1,420	2,580	1,260	53,400
January–December	19,100	18,600	11,500	62,400	548,000	17,200	30,900	15,200	722,000
2011:									
January	2,040	1,790	958	5,200	48,900	1,500	2,580	1,260	64,300
February	1,460	1,500	958	5,200	45,200	1,480	2,580	1,260	59,600
March	1,690	1,540	958	5,200	46,800	1,530	2,580	1,260	61,600
April	1,480	1,490	958	5,200	48,000	1,530	2,580	1,260	62,500
January–April	6,680	6,330	3,830	20,800	189,000	6,030	10,300	5,050	248,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>Electrolytically refined and fire-refined scrap based on source of material at smelter level.

<sup>3</sup>Monthly data and 2010 cumulative data estimated based on 2009 annual data.

<sup>4</sup>Does not include an estimate, based on reported 2009 data, of 2,450 tons per month from new scrap and 1,410 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 SEMIFABRICATES<sup>1</sup>

(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: <sup>p</sup>						
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	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 <sup>r</sup>	105,000	82,100	113,000	30,900	20,500
April	79,300	111,000	80,100	107,000	30,100	24,000
January–April	322,000	432,000	322,000	432,000	30,100	24,000

<sup>p</sup>Preliminary. <sup>r</sup>Revised.

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

TABLE 7  
CONSUMPTION OF REFINED COPPER<sup>1</sup>

(Metric tons)

Period and item	Brass mills	Wire-rod mills	Other plants <sup>2</sup>	Total
2010: <sup>p</sup>				
April	40,700	108,000	4,500	153,000
May	38,400	105,000	4,500	148,000
June	36,600	107,000	4,500	148,000
July	39,000	113,000	4,500	156,000
August	37,300	109,000	4,500	151,000
September	37,700	109,000	4,500	151,000
October	38,300	104,000	4,500	147,000
November	38,400	94,400	4,500	137,000
December	35,800	90,000	4,500	130,000
January–December	459,000	1,250,000	54,000	1,760,000
2011:				
January	37,500	110,000	4,500	152,000
February	35,900	108,000	4,500	148,000
March	36,800	109,000	4,500	150,000
April:				
Cathodes	25,600	110,000	1,090	137,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	1,240	--	1,400	2,640
Cakes and slabs	(3)	--	(3)	(3)
Billets and other	9,880	--	2,010	11,900
Total	36,700	110,000	4,500	151,000
January–April	147,000	438,000	18,000	603,000

<sup>p</sup>Preliminary. -- Zero.

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

<sup>2</sup>Consumption by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2009 annual data.

<sup>3</sup>Withheld to avoid disclosing company proprietary data; included with "Billets and other."

TABLE 8  
U.S. APPARENT CONSUMPTION OF COPPER<sup>1</sup>

(Metric tons)

Period	Refined copper production	Copper in old scrap <sup>2</sup>	Refined general imports <sup>3</sup>	Refined exports <sup>3</sup>	Stock change during period	Apparent consumption
<b>2010:<sup>P</sup></b>						
April	85,900	10,800	42,900	10,400	(12,200)	141,000
May	82,100	10,800	40,200	4,670	(20,600)	149,000
June	85,700	10,800	55,200	4,520	(3,790)	151,000
July	92,400	10,900	63,400	4,200	(8,520)	171,000
August	91,000	11,000	35,300	5,250	(15,200)	147,000
September	90,800	10,900	31,300	6,980	(26,100)	152,000
October	86,900	10,800	40,500	1,540	(17,000)	154,000
November	80,900	10,800	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	130,000	583,000	78,300	(50,500)	1,740,000
<b>2011:</b>						
January	83,200	11,200	54,200	1,640	(1,700)	149,000
February	73,500	10,900	46,100	5,010	432	125,000
March	81,800	10,900	65,300	3,130	(10,600)	165,000
April	76,800	10,900	70,100	2,120	(6,240)	162,000
January–April	315,000	43,900	236,000	11,900	(18,100)	601,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>Includes 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 2009 data.

<sup>3</sup>Source: U.S. Census Bureau.

TABLE 9  
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP<sup>1</sup>

(Metric tons, gross weight)

Period	Smelters and refineries		Ingot makers <sup>2</sup>		Brass and wire-rod mills <sup>3</sup>		Foundries, etc. <sup>2</sup>		Total scrap used
	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	
<b>2010:<sup>P</sup></b>									
April	1,790	1,600	2,880	6,460	56,200	1,430	4,020	1,520	75,900
May	1,520	1,530	2,880	6,460	56,100	1,430	4,020	1,520	75,500
June	1,780	1,600	2,880	6,460	64,400	1,430	4,020	1,520	84,100
July	1,700	1,580	2,880	6,460	54,600	1,500	4,020	1,520	74,300
August	1,930	1,630	2,880	6,460	57,500	1,500	4,020	1,520	77,400
September	1,830	1,610	2,880	6,460	57,100	1,500	4,020	1,520	76,900
October	1,750	1,590	2,880	6,460	56,200	1,430	4,020	1,520	75,900
November	1,710	1,580	2,880	6,460	53,700	1,430	4,020	1,520	73,300
December	1,430	1,510	2,880	6,460	48,400	1,430	4,020	1,520	67,700
January–December	20,100	18,800	34,500	77,600	681,000	17,500	48,200	18,300	915,000
<b>2011:</b>									
January	2,270	1,680	2,880	6,460	60,500	1,570	4,020	1,520	80,900
February	1,530	1,530	2,880	6,460	56,500	1,540	4,020	1,520	76,000
March	1,750	1,590	2,880	6,460	58,700	1,610	4,020	1,520	78,500
April	1,530	1,540	2,880	6,460	59,500	1,610	4,020	1,520	79,100
January–April	7,070	6,340	11,500	25,900	235,000	6,320	16,100	6,080	314,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>Monthly data estimated from 2009 annual data.

<sup>3</sup>Consumption at brass and wire-rod mills assumed equal to receipts.

TABLE 10  
COPPER STOCKS AT END OF PERIOD<sup>1</sup>

(Metric tons)

Period	Crude copper <sup>2</sup>	Refined copper					Total refined	
		Refineries <sup>3</sup>	Wire-rod mills <sup>3</sup>	Brass mills <sup>3</sup>	Other <sup>4</sup>	Comex		LME <sup>5</sup>
2010: <sup>P</sup>								
April	24,400	13,200	10,400	7,170	4,290	91,700	328,000	455,000
May	23,800	5,460	9,150	7,130	4,290	92,500	316,000	434,000
June	18,100	6,490	12,600	8,470	4,290	92,500	306,000	431,000
July	23,700	5,670	15,800	7,070	4,290	91,400	298,000	422,000
August	22,400	5,970	10,100	8,720	4,290	86,500	291,000	407,000
September	19,900	5,780	7,910	8,140	4,290	77,000	278,000	381,000
October	17,600	4,110	9,600	6,080	4,290	68,100	272,000	364,000
November	23,400	4,350	11,900	6,040	4,290	65,100	264,000	356,000
December	21,100	10,300	19,700	6,400	4,290	58,600	284,000	384,000
2011:								
January	25,200	11,700	17,600	7,470	4,290	64,100	277,000	382,000
February	24,800	9,220	12,800	8,420	4,290	75,200	273,000	382,000
March	24,700	6,360	18,200	7,050	4,290	76,900	259,000	372,000
April	24,900	5,060	18,100	7,240	4,290	75,500	256,000	366,000

<sup>P</sup>Preliminary.

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

<sup>2</sup>Copper content of blister and anode.

<sup>3</sup>Stocks of refined copper as reported; no estimates are made for nonrespondents.

<sup>4</sup>Monthly estimates based on reported and 2009 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

<sup>5</sup>London 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 <sup>1</sup>	Comex first position <sup>2</sup>	LME cash price Grade A
2010:			
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
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
January–April	442.323	436.497	435.846

<sup>1</sup>Listed as "U.S. producer cathode."

<sup>2</sup>Listed 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:				
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
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
January–April	421.76	369.93	310.55	184.88

Source: American Metal Market.

TABLE 13  
U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS<sup>1</sup>

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash, and precipitates			Blister and anodes			Refined		
	2011			2011			2011			2011		
	2010	March	January-- March	2010	March	January-- March	2010	March	January-- March	2010	March	January-- March
Belgium	9	--	--	47	--	36	--	--	--	(2)	--	1
Brazil	--	--	--	--	--	--	--	--	--	1,980	--	--
Canada	1,270	11	15	310	9	22	21,700	1	1	168,000	8,600	35,500
Chile	--	--	--	--	--	--	--	--	--	308,000	43,500	101,000
Finland	--	--	--	--	--	--	348	18	52	1	--	(2)
Germany	--	--	--	--	--	--	(2)	--	--	3,180	197	721
Japan	--	--	--	3	--	--	15	2	4	4,990	665	1,250
Kuwait	--	--	--	138	--	--	--	--	--	--	--	--
Mexico	17	--	--	--	--	--	3,990	--	--	19,200	6,930	17,100
Netherlands	87	--	--	136	19	24	3	--	--	--	--	--
Peru	--	--	--	--	--	--	--	--	--	97,100	5,890	18,200
Taiwan	(2)	--	--	(2)	--	--	--	--	--	1	(2)	(2)
Other	14	--	--	206	16	54	160	19	41	2,400	428	700
Total	1,390	11	15	840	44	136	26,300	40	98	605,000	66,200	174,000

-- Zero.

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

<sup>2</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 14  
U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS<sup>1</sup>  
(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash and precipitates			Blister and anodes			Refined		
	2011			2011			2011			2011		
	2010	March	January– March	2010	March	January– March	2010	March	January– March	2010	March	January– March
Canada	12,800	967	2,800	41,400	3,050	8,740	6,010	133	418	8,030	85	1,040
China	82,300	2,920	12,000	455	71	125	294	157	197	34,300	73	155
Germany	18	13	22	846	13	30	2,160	153	339	30	--	10
Hong Kong	--	--	--	--	--	--	1,740	119	336	4,690	--	--
Italy	--	--	--	39	--	--	60	21	62	12,300	--	1,440
Japan	9,610	3,430	7,630	100	40	40	1,920	92	214	39	--	2
Korea, Republic of	3,100	--	--	--	--	--	659	74	182	113	1	2
Mexico	24,700	11,300	26,500	--	--	--	670	68	84	16,100	2,840	6,810
Singapore	(2)	--	--	--	--	--	107	20	40	2	--	--
Spain	--	--	--	122	--	--	140	20	64	20	--	--
Sweden	--	--	--	--	--	--	9	--	--	--	--	--
Switzerland	3,730	--	--	--	--	--	22	--	--	5	--	--
Taiwan	1	--	--	--	--	--	454	150	228	800	--	--
Other	304	83	86	969	80	400	2,620	664	1,100	1,900	126	307
Total	137,000	18,700	49,100	44,000	3,250	9,340	16,900	1,670	3,260	78,300	3,130	9,780

-- Zero.

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

<sup>2</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15  
U.S. COPPER SCRAP IMPORTS<sup>1</sup>

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2011			2011		
	2010	March	January– March	2010	March	January– March
Canada	9,010	1,350	4,120	32,500	3,230	8,650
Chile	--	--	--	80	8	296
Costa Rica	867	133	344	2,100	248	620
Germany	28	--	2	24	3	9
Guatemala	651	60	170	1,070	104	398
Honduras	20	--	--	701	84	269
Jamaica	237	8	41	361	30	80
Japan	14	6	6	9	4	4
Mexico	5,850	867	2,120	29,900	2,400	6,900
Nicaragua	1,270	108	281	1,330	102	313
Other	3,440	478	1,220	6,340	761	2,150
Total	21,400	3,010	8,310	74,500	6,980	19,700

-- Zero.

<sup>1</sup>Data 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 EXPORTS<sup>1</sup>

(Metric tons, gross weight)

Country or territory	Unalloyed							Alloyed				
	2011							2011				
	2010	No. 1		No. 2		Other		2010	Segregated		Unsegregated	
		March	January– March	March	January– March	March	January– March		March	January– March	March	January– March
Belgium	11,000	558	1,470	746	3,140	164	492	19,900	138	470	1,150	3,260
Canada	15,500	--	--	--	--	2,040	4,960	29,900	368	825	2,700	7,420
China	247,000	6,960	13,700	16,500	43,400	6,970	20,600	512,000	19,700	55,600	27,900	72,300
Germany	4,190	494	1,160	332	803	11	133	9,570	329	766	973	3,270
Hong Kong	10,300	103	395	190	712	55	171	44,500	807	2,950	783	2,590
India	965	276	377	97	196	19	323	17,900	480	1,830	267	621
Japan	7,180	310	647	102	276	259	616	9,900	284	1,040	319	623
Korea, Republic of	13,300	666	1,880	838	2,400	569	1,480	17,600	1,210	4,260	188	438
Mexico	4,090	86	256	309	677	20	60	7,090	21	60	358	1,790
Spain	2,890	560	1,140	184	1,010	--	96	8,630	226	617	1,170	2,670
Taiwan	2,940	38	109	120	450	20	60	2,790	42	145	135	252
Thailand	924	--	100	--	--	--	--	413	237	348	124	124
Other	12,900	1,130	4,760	638	1,550	--	117	19,700	224	909	1,570	5,060
Total	334,000	11,200	26,000	20,100	54,600	10,100	29,100	699,000	24,000	69,900	37,700	100,000

-- Zero.

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

Source: U.S. Census Bureau.