

Mineral Industry Surveys

For information, contact:

Daniel L. Edelstein, Copper Commodity Specialist U.S. Geological Survey 989 National Center Reston, VA 20192 Telephone: (703) 648-4978, Fax: (703) 648-7757 E-mail: dedelste@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 APRIL, MAY, AND JUNE 2010

Mine production of recoverable copper in the second quarter of 2010 declined slightly from that during the first quarter of 2010, according to data compiled by the U.S. Geological Survey. A decline in electrowon production of about 9,000 metric tons (t) was mostly offset by a 6,000-t increase in copper recovered from concentrates. Copper smelter and refinery production in the second quarter of 2010 declined by 5% and 6%, respectively, compared with that in the first quarter of 2010. Consumption of refined copper in the second quarter was up slightly from that in the first quarter, and consumption for the first half of 2010 was up by about 4% from that in the first half of 2009.

Production in the second quarter of 2010 at Freeport-McMoRan Copper & Gold Inc.'s Morenci Mine in Arizona increased by about 14% compared with that in the first quarter of the year. In March, Freeport restarted the Morenci mill, and in the second quarter, it processed an average of 28,000 metric tons per day (t/d) of sulfide. By 2011, Freeport planned to ramp up mill throughput to 50,000 t/d and the total mining rate to 635,000 t/d from the current mining rate of 450,000 t/d. Morenci's copper production rate was projected to increase by about 57,000 metric tons per year. In the second quarter of 2010, total output from Freeport's U.S. operations, however, remained unchanged from that in the first quarter of the year as Morenci's increase was offset by a 32% decline in electrowon production at its Safford Mine in Arizona (Freeport-McMoRan Copper & Gold Inc., 2010, p. 1–14).

At Kennecott Utah Copper Corp. operations in Utah, mine production in the second quarter of 2010 was down by 11% compared with that in the first quarter of 2010, and production for the first half of 2010 was down by 28% compared with that in the first half of 2009, owing to the processing of higher molybdenum grade ore at the expense of lower copper ore grades. Refined metal production during the second quarter of 2010 was down by 8% from that during the first quarter owing to a planned 19-day smelter shutdown and the resulting shortage of anode (Rio Tinto Ltd., 2010, p. 4).

References Cited

Freeport-McMoRan Copper & Gold Inc., 2010, Freeport-McMoRan Copper & Gold Inc. reports second-quarter and six-month 2010 results: Phoenix, AZ, Freeport-McMoRan Copper & Gold Inc. news release, July 21, 40 p. Pio Titte Ltd. 2010, Second guarter 2010 energing: springer with hourse

Rio Tinto Ltd., 2010, Second quarter 2010 operations review: Melbourne, Australia, Rio Tinto Ltd. press release, July 14, 26 p.

TABLE 1 SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES $^{\rm 1}$

(Metric tons, unless otherwise specified)

				201	10	
	Source	-				January-
	table ²	2009 ^p	April	May	June	June
Production:						
Primary:						
Mine, recoverable	(2)	1,180,000	92,000	92,800	87,500	548,000
Refinery:						
Electrolytic, domestic and foreign	(4)	636,000	50,300	49,700	49,300	308,000
Electrowon	(4)	476,000	33,900	36,500	34,600	219,000
Total	(4)	1,110,000	84,200	86,300	83,900	527,000
Secondary recoverable copper:						
Refineries	(5)	46,400	3,290	2,960	3,280	18,400
Ingot makers ³	(5)	91,100	7,590	7,590	7,590	45,600
Brass and wire-rod mills	(5)	561,000	46,700	46,300	52,800	292,000
Foundries, etc. ³	(5)	44,600	3,720	3,720	3,720	22,300
Smelter, total	(3)	597,000	46,100	36,400	57,100	286,000
Consumption:						
Apparent	(8)	1,600,000	141,000	155,000	151,000	866,000
Refined (reported)	(7)	1,650,000	153,000	147,000	147,000	885,000
Purchased copper-base scrap	(9)	939,000	77,900	77,500	86,200	482,000
Stocks at end of period:						
Total refined	(10)	433,000	454,000	433,000	430,000	XX
Blister, etc.	(10)	15,500	24,400	23,800	18,100	XX
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	241.243	357.745	316.404	299.533	329.398
Imports: ⁵						
Ore and concentrate ⁶	(13)	137		5	NA	1,110
Refined	(13)	664,000	46,700	46,700	NA	261,000
Exports: ⁵						
Ore and concentrate ⁶	(14)	151,000	12,500	7,660	NA	52,200
Refined	(14)	80,800	10,400	4,670	NA	48,900

^pPreliminary. 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-May; June 2010 data were not available at time of publication.

TABLE 2 MINE PRODUCTION OF RECOVERABLE COPPER IN THE UNITED STATES¹

(Metric tons)

	Re	coverable coppe	er		Contained copper	
Period	Arizona	Others ²	Total	Electrowon	Concentrates ³	Total
2009:						
June	59,000	43,200	102,000	39,400	64,700	104,000
July	62,700	37,000	99,700	42,800	58,800	102,000
August	58,200	46,900	105,000	40,500	66,600	107,000
September	56,500	34,100	90,700	36,600	55,900	92,400
October	60,700	37,000	97,700	39,000	60,300	99,400
November	59,000	43,800	103,000	39,700	64,700	104,000
December	62,000	26,600	88,600	42,400	47,800	90,200
January-December	712,000	470,000	1,180,000	476,000	728,000	1,200,000
2010:						
January	62,600	36,900	99,500	40,900	60,500	101,000
February	53,100	29,300	82,400	36,400	47,800	84,200
March	56,500	37,000	93,500	36,900	58,300	95,200
April	57,200	34,800	92,000	33,900	59,900	93,800
May	61,300	31,500	92,800	36,500	58,200	94,800
June	58,400	29,100	87,500	34,600	54,500	89,200
January-June	349,000	199,000	548,000	219,000	339,000	558,000

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 3COPPER PRODUCED AT SMELTERS INTHE UNITED STATES, BY SOURCE^{1, 2}

(Metric tons, copper content)

production
production
39,100
55,800
55,400
51,700
58,200
52,700
48,400
597,000
51,200
43,500
52,000
46,100
36,400
57,100
286,000

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)

	Pri	imary materials			
	Electrolytically				Total
Period	refined ²	Electrowon	Total	Scrap	refined
2009:					
June	46,700	39,400	86,100	4,200	90,300
July	47,500	42,800	90,300	4,090	94,400
August	54,200	40,500	94,700	2,900	97,600
September	54,700	36,600	91,300	2,980	94,300
October	58,800	39,000	97,800	2,960	101,000
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	51,000	40,900	91,900	2,920	94,800
February	49,100	36,400	85,400	3,170	88,600
March	58,700	36,900	95,600	2,830	98,400
April	50,300	33,900	84,200	3,290	87,500
May	49,700	36,500	86,300	2,960	89,200
June	49,300	34,600	83,900	3,280	87,200
January-June	308,000	219,000	527,000	18,400	546,000

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)

	Refin	eries ²	Ingot n	nakers ³	Brass and w	ire-rod mills	Foundri	es, etc. ³	
Period	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	Total ⁴
2009:									
June	1,810	2,390	1,270	6,330	47,100	1,420	2,690	1,030	64,000
July	1,940	2,160	1,270	6,330	45,000	1,420	2,690	1,030	61,800
August	1,420	1,480	1,270	6,330	48,000	1,470	2,690	1,030	63,600
September	1,490	1,490	1,270	6,330	47,300	1,450	2,690	1,030	63,100
October	1,470	1,490	1,270	6,330	46,400	1,470	2,690	1,030	62,100
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
January-June	9,050	9,390	7,590	38,000	284,000	8,540	16,100	6,170	379,000

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 3,140 tons per month from new scrap and 1,930 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

	Pro	duction	Shi	pments	Stocks, e	end of period
Period	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills	Brass mills	Wire-rod mills
2009:						
June	82,800	97,100	83,600	93,500	31,300	34,800
July	79,300	83,200	79,000	95,300	31,600	22,700
August	83,400	103,000	83,200	106,000	32,200	20,500
September	84,300	99,200	83,400	95,700	33,100	24,100
October	81,400	95,600	82,000	95,900	32,500	23,800
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
January-June	483,000	626,000	486,000	629,000	XX	XX

(Metric tons, gross weight)

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)

	Brass	Wire-rod	Other	
Period and item	mills	mills	plants ²	Total
2009:				
June	39,600	98,300	4,170	142,000
July	39,000	84,300	4,170	127,000
August	38,600	104,000	4,170	146,000
September	37,100	101,000	4,170	143,000
October	37,000	97,300	4,170	138,000
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:				
Cathodes	25,000	107,000	719	132,000
Wire bars			(3)	(3)
Ingots and ingot bars	1,240		1,560	2,800
Cakes and slabs	(3)		(3)	(3)
Billets and other	10,300		1,890	12,200
Total	36,600	107,000	4,170	147,000
January-June	232,000	628,000	25,000	885,000

-- 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)

	Refined copper	Copper in	Refined general	Refined	Stock change	Apparent
Period	production	old scrap ²	imports ³	exports ³	during period	consumption
2009:						
June	86,100	14,400	33,800	19,200	(28,400)	144,000
July	90,300	14,500	53,600	8,870	9,040	140,000
August	94,700	13,800	35,700	6,280	4,820	133,000
September	91,300	13,800	52,300	3,980	24,800	129,000
October	97,800	13,900	38,300	2,110	16,300	132,000
November	94,900	13,800	55,200	3,030	40,300	121,000
December	97,300	13,900	55,500	3,160	54,000	110,000
January-December	1,110,000	172,000	645,000	80,800	246,000	1,600,000
2010:						
January	91,900	12,200	71,300	6,200	32,500	137,000
February	85,400	12,500	60,400	13,900	20,100	124,000
March	95,600	12,200	44,700	13,600	(19,500)	158,000
April	84,200	12,200	42,900	10,400	(12,200)	141,000
May	86,300	12,100	40,200	4,670	(20,700)	155,000
June	83,900	12,200	55,200	4,520	(3,750)	151,000
January-June	527,000	73,400	315,000	53,400	(3,530)	866,000

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)

	Sme	lters			Brass	s and			
	and ref	ineries	Ingot n	nakers ²	wire-roo	d mills ³	Foundri	es, etc. ²	Total scrap
Period	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	New scrap	Old scrap	used
2009:									
June	2,240	2,180	2,810	8,750	58,300	1,430	4,230	1,170	81,100
July	1,810	2,140	2,810	8,750	55,300	1,430	4,230	1,170	77,700
August	1,600	1,550	2,810	8,750	59,100	1,510	4,230	1,170	80,700
September	1,440	1,510	2,810	8,750	57,800	1,490	4,230	1,170	79,200
October	1,520	1,530	2,810	8,750	57,100	1,520	4,230	1,170	78,600
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
January-June	9,760	9,260	16,800	52,500	353,000	8,660	25,400	7,010	482,000

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 10COPPER STOCKS AT END OF PERIOD1

(Metric tons)

				Refined c	copper			
	Crude		Wire-rod					Total
Period	copper ²	Refineries ³	mills ³	Brass mills ³	Other ⁴	Comex ⁵	LME^{6}	refined
2009:								
June	23,800	11,600	18,700	9,460	3,230	54,200	187,000	284,000
July	26,100	10,700	19,500	8,600	3,230	49,900	201,000	293,000
August	32,500	9,260	16,700	7,630	3,230	48,300	213,000	298,000
September	27,100	11,500	25,300	9,520	3,230	48,600	225,000	323,000
October	28,900	18,300	18,600	9,220	3,230	56,200	233,000	339,000
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	13,300	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	6,520	12,600	8,470	3,230	92,500	306,000	430,000

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.

⁵Comex Division of New York Mercantile Exchange, Inc., New York.

⁶London 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)

	U.S. producers	Comex	LME
	delivered price	first	cash price
Period	cathode ¹	position ²	Grade A
2009:			
June	234.165	228.339	227.394
July	244.381	238.555	236.53
August	286.886	281.060	279.62
September	287.305	281.479	281.03
October	293.683	287.857	285.19
November	309.356	303.530	302.76
December	324.599	318.773	316.64
January-December	241.243	235.417	233.55
2010:			
January	339.592	333.766	335.00
February	317.744	311.918	310.60
March	345.367	339.541	338.48
April	357.745	351.919	351.27
May	316.404	310.578	310.13
June	299.533	293.707	294.78
January-June	329.398	323.572	323.38

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)

			Dealers (New York)
				Red brass
	Brass mills	Refiners	No. 2	turnings and
Month	No. 1 scrap	No. 2 scrap	Scrap	borings
2009:				
June	220.91	204.36	160.23	116.36
July	228.23	210.18	171.59	122.05
August	268.48	244.57	187.02	129.76
September	270.00	242.67	197.50	135.00
October	277.43	250.14	199.40	135.95
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
January-June	316.22	291.28	248.68	164.71

Source: American Metal Market.

TABLE 13 U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS¹

Country or	0	re and concen	trate	Matte, ash, and precipitates			Bl	ister and anode	s	Refined			
		2010			2010			2010			201	0	
	-		January-		January-		-		January-	-		January-	
territory	2009	May	May	2009	May	May	2009	May	May	2009	May	May	
Belgium				7						5		(2)	
Brazil										10,800		1,980	
Canada	137	5	1,070	420	83	122	61,800	3,620	19,300	189,000	11,400	88,000	
Chile										312,000	27,200	123,000	
Finland							266	37	89	(2)		(2)	
Germany				22			(2)		(2)	2,510	154	1,280	
Japan				66		1	6	1	7	3,600	297	2,150	
Mexico							6,270	480	480	19,600	1,300	4,750	
Peru										124,000	6,330	38,800	
Taiwan			(2)	15							(2)	1	
Other			14	229	39	118	143	22	66	1,510	49	793	
Total	137	5	1,080	759	122	241	68,400	4,160	20,000	664,000	46,700	261,000	

(Metric tons, copper content)

-- Zero.

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

²Less than ¹/₂ unit.

TABLE 14 U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS¹

(Metric tons, copper content)

	Or	e and concentra	ate	Matte, ash and precipitates			Blister and anodes			Refined		
	2010			2010			2010				2010	
Country or	-	January -		-	January -		-	January -		-		January -
territory	2009	May	May	2009	May	May	2009	May	May	2009	May	May
Canada	22,400	938	4,940	35,700	3,640	15,700	14,100	276	1,990	11,200	287	5,300
China	57,500	5,170	27,900	1,260	76	208	573	43	101	41,400	1,730	28,400
Germany		2	2	1,690		441	3,300	263	1,040	99	(2)	1
Hong Kong	(2)						1,740	138	647	3,570	503	4,410
Japan	21,400	12	2,980	176		26	478	60	1,360	81		(2)
Korea, Republic of	9,030	1	3,100				2,920	108	359	23		
Mexico	36,700	1,490	9,430				44	9	13	7,950	2,050	9,650
Singapore				7			92	38	72	1,570		
Spain	3			1,140				20	80	17		20
Sweden							169		6	1		
Switzerland	3,640		3,730				72		13	2,170		3
Taiwan				75			441	19	134	534		800
Other	129	49	115	886		19	2,010	402	1,130	12,200	104	328
Total	151,000	7,660	52,200	40,900	3,710	16,400	26,000	1,380	6,940	80,800	4,670	48,900
Zero.												

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

²Less than ¹/₂ unit.

TABLE 15U.S. COPPER SCRAP IMPORTS1

(Metric tons, gross weight)

		Unallo	yed		Alloy	red	
	-	201	0	-	2010		
Country or	_		January -	_		January -	
territory	2009	May	May	2009	May	May	
Canada	7,340	655	3,550	24,900	2,490	12,800	
Chile	25			230		7	
Costa Rica	275	77	297	1,290	148	829	
Germany	88	3	11	54		8	
Guatemala	272	61	253	433	87	437	
Honduras	474			355	82	240	
Jamaica	198	44	141	334	21	159	
Japan	16		12	18			
Mexico	4,840	398	2,490	22,900	2,200	11,300	
Nicaragua	666	81	457	441	98	572	
Other	2,100	215	948	4,580	485	2,600	
Total	16,300	1,530	8,160	55,500	5,610	28,900	

-- Zero.

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

TABLE 16U.S. COPPER SCRAP EXPORTS1

(Metric tons, gross weight)	
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				Unalloyed	Alloyed								
	2010								2010				
	-	No. 1		No. 2		Other		-	Segregated		Unsegregated		
Country or	-		January -	January -		January -		-	January-			January-	
territory	2009	May	May	May	May	May	May	2009	May	May	May	May	
Belgium	2,160	31	208	78	399	152	537	14,900	370	1,600	1,580	4,730	
Canada	6,320					1,360	6,860	32,300	283	1,200	2,540	10,400	
China	190,000	1,930	11,400	11,400	45,200	6,600	31,400	416,000	23,700	94,300	22,500	102,000	
Germany	1,510	106	586	19	381	31	78	6,600	433	1,170	606	2,000	
Hong Kong	15,600	172	670	372	3,100	599	2,380	37,400	1,240	5,490	3,170	15,700	
India	356		21				206	11,100	2,310	7,730	19	1,640	
Japan	3,220	368	1,170	81	416	260	1,170	10,200	697	2,570	241	1,080	
Korea, Republic of	8,400	129	1,890	532	2,530	432	2,000	21,500	1,450	5,260	409	1,890	
Mexico	1,580	48	467	206	480		76	9,990	49	171	264	1,550	
Spain	1,480	78	430	336	356			10,900	152	429	189	3,100	
Taiwan	6,980		450	93	280	19	476	6,510	110	247	172	249	
Thailand	1,300					122	335	347	38	334		40	
Other	5,640	328	2,860	31	278		113	19,900	498	1,100	963	5,320	
Total	245,000	3,190	20,200	13,200	53,500	9,580	45,700	598,000	31,300	122,000	32,600	150,000	

-- Zero.

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