

Mineral Industry Surveys

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COPPER IN JANUARY 2013

Average daily mine production in January 2013 increased slightly from that in December 2012, while downstream, average daily smelter and electrolytic refinery production declined by 4% and 6%, respectively. Consumption of refined copper increased by 14% from the traditionally low December level, yet remained about 5% below the January 2012 level. Inventories of refined copper increased sharply for the second consecutive month, principally owing to a large increase in copper stocks held in London Metal Exchange Ltd. (LME) warehouses in New Orleans, LA. Total U.S. refined copper stocks increased by 56,000 metric tons (t) (27%) from the end of November 2012 to the end of January 2013, and inventories in LME warehouses increased by 41,000 t during the same period. The increase in LME stocks corresponded to a surge in refined copper imports, primarily from Chile, into New Orleans. Imports into New Orleans averaged 23,500 metric tons per month (t/mo) in December 2012 and January 2013 compared with an average of 9,400 t/mo over the preceding 11 months.

Update

On April 10, Kennecott Utah Copper's Bingham Canyon Mine in Utah experienced a pit wall failure along a geotechnical fault line along its northeastern wall that resulted in the slide of more than 150 million metric tons of material into the pit. Although, owing to advance warning, no injuries were reported, 3 of 13 electric shovels and 14 of 100 haul trucks were damaged or buried. Preliminary assessment indicated that mine and refined copper production in 2013 will be 125,000 t and 100,000 t less, respectively, than previously anticipated (Rio Tinto plc, 2013, p. 3).

Reference Cited

Rio Tinto plc, 2013, First quarter operations review: London, United Kingdom, Rio Tinto plc media release, April 16, 27 p. (Accessed April 16, 2013, at http://www.riotinto.com/media/18435_media_releases_22668.asp.)

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

(Metric tons, unless otherwise specified)

	Source table ²	2012				2013 January
		2011 ^P	November	December	January– December	
Production:						
Primary:						
Mine, recoverable	(2)	1,110,000	111,000	108,000 ^r	1,170,000	110,000
Refinery:						
Electrolytic, domestic and foreign	(4)	545,000	47,700	48,900	491,000	46,100
Electrowon	(4)	447,000	41,200	38,400	471,000	39,400
Total	(4)	992,000	88,900	87,300	962,000	85,500
Secondary recoverable copper:						
Refineries	(5)	37,300	4,010	4,010	39,500	3,870
Ingot makers ³	(5)	71,500	6,360 ^r	6,360 ^r	76,400 ^r	6,360
Brass and wire-rod mills	(5)	571,000	47,300	46,300	573,000	47,900
Foundries, etc. ³	(5)	46,000	4,750 ^r	4,750 ^r	57,000 ^r	4,750
Smelter, total	(3)	538,000	47,200	40,800	485,000	39,000
Consumption:						
Apparent	(8)	1,730,000 ^r	157,000 ^r	134,000 ^r	1,770,000 ^r	161,000
Refined (reported)	(7)	1,760,000 ^r	137,000	127,000 ^r	1,760,000	144,000
Purchased copper-base scrap	(9)	924,000	78,900 ^r	77,800 ^r	947,000 ^r	80,200
Stocks at end of period:						
Total refined	(10)	409,000	203,000	236,000	236,000	259,000
Blister, etc.	(10)	13,000	18,600	12,300	12,300	8,620
Prices, U.S. producer cathode (cents per pound) ⁴	(11)	405.854	356.186	368.189	367.276	372.564
Imports:⁵						
Ore and concentrate ⁶	(13)	15,100	143	1	6,290	--
Refined	(13)	670,000	64,700	66,100	630,000	86,800
Exports:⁵						
Ore and concentrate ⁶	(14)	252,000	22,400	28,800	301,000	18,100
Refined	(14)	40,400	3,320	2,510	159,000	3,540

^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						
January	62,800	29,600	92,300	39,200	55,200	94,400
February	64,500	27,700	92,200	39,100	55,400	94,400
March	65,700	27,100	92,800	40,900	54,000	94,900
April	64,600	32,600	97,200	39,000	60,500	99,600
May	65,200	26,700	91,900	40,100	54,000	94,100
June	56,700	30,800	87,500	36,500	53,000	89,500
July	60,700	27,700	88,400	37,100	53,400	90,500
August	66,200	40,000	106,000	39,100	69,700	109,000
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 ^r	43,500	108,000 ^r	38,400	72,200 ^r	111,000 ^r
January–December	763,000	404,000	1,170,000	471,000	724,000 ^r	1,200,000 ^r
2013, January	66,500	43,900	110,000	39,400	73,600	113,000

^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
2012: ^P	
January	44,800
February	36,800
March	29,500
April	34,100
May	29,400
June	27,600
July	49,400
August	44,400
September	47,500
October	53,800
November	47,200
December	40,800
January–December	485,000
2013, January	39,000

^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					
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	40,900	75,500	2,960	78,400
April	32,400	39,000	71,500	2,950	74,400
May	35,200	40,100	75,300	2,940	78,200
June	28,800	36,500	65,300	3,030	68,300
July	42,600	37,100	79,800	2,810	82,600
August	46,000	39,100	85,200	2,770	87,900
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

^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									
January	1,560	1,510	981 ^r	5,380 ^r	46,700	1,500	2,790 ^r	1,970 ^r	62,400 ^r
February	1,780	1,580	981 ^r	5,380 ^r	47,500	1,490	2,790 ^r	1,970 ^r	63,500 ^r
March	1,470	1,490	981 ^r	5,380 ^r	48,800	1,480	2,790 ^r	1,970 ^r	64,400 ^r
April	1,460	1,490	981 ^r	5,380 ^r	47,000	1,480	2,790 ^r	1,970 ^r	62,500 ^r
May	1,450	1,480	981 ^r	5,380 ^r	46,700	1,520	2,790 ^r	1,970 ^r	62,200 ^r
June	1,530	1,500	981 ^r	5,380 ^r	44,000	3,330	2,790 ^r	1,970 ^r	61,500 ^r
July	1,350	1,460	981 ^r	5,380 ^r	43,800	3,180	2,790 ^r	1,970 ^r	60,900 ^r
August	1,320	1,450	981 ^r	5,380 ^r	44,000	3,090	2,790 ^r	1,970 ^r	61,000 ^r
September	1,560	1,510	981 ^r	5,380 ^r	43,800	2,610	2,790 ^r	1,970 ^r	60,600 ^r
October	1,680	2,830	981 ^r	5,380 ^r	44,700	3,020	2,790 ^r	1,970 ^r	63,400 ^r
November	1,300	2,710	981 ^r	5,380 ^r	44,100	3,140	2,790 ^r	1,970 ^r	62,400 ^r
December	1,420	2,590	981 ^r	5,380 ^r	43,300	3,040	2,790 ^r	1,970 ^r	61,400 ^r
January–December	17,900	21,600	11,800 ^r	64,600 ^r	544,000	28,900	33,400 ^r	23,600 ^r	746,000 ^r
2013, January	1,490	2,380	981	5,380	44,900	3,050	2,790	1,970	62,900

^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 2012 cumulative data estimated based on 2011 annual data.

⁴Does not include an estimate, based on reported 2010 data, of 2,620 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						
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
May	80,000	112,000	80,700	111,000	29,600	21,900
June	79,200	110,000	79,600	109,000	29,200	22,600
July	80,300	104,000	79,000	105,000	30,500	21,700
August	81,000	116,000	80,000	118,000	31,400	19,600
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 ^r	87,300	77,400 ^r	77,400	31,100	27,900
January–December	953,000 ^r	1,280,000	951,000	1,280,000	31,100	27,900
2013, January	77,300	105,000	78,000	115,000	30,500	17,700

^pPreliminary. ^rRevised.

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				
January	35,800	111,000	5,140 ^r	152,000
February	35,600	106,000	5,140 ^r	147,000 ^r
March	36,100	117,000	5,140 ^r	159,000 ^r
April	36,200	102,000	5,140 ^r	144,000 ^r
May	34,900	113,000	5,140 ^r	153,000
June	36,200	110,000	5,140 ^r	151,000
July	34,600	104,000	5,140 ^r	143,000
August	36,500	116,000	5,140 ^r	158,000 ^r
September	35,000	108,000	5,140 ^r	148,000 ^r
October	34,800	104,000	5,140 ^r	144,000
November	34,200	97,700	5,140 ^r	137,000
December	34,600	86,800 ^r	5,140 ^r	127,000 ^r
January–December	424,000	1,280,000 ^r	61,600 ^r	1,760,000
2013, January:				
Cathodes	26,800	104,000	1,930	133,000
Wire bars	--	--	W	W
Ingots and ingot bars	1,240	--	1,380	2,620
Cakes and slabs	W	--	W	W
Billets and other	6,690	508	1,830	9,030
Total	34,700	104,000	5,140	144,000

^pPreliminary. ^rRevised. 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						
January	85,400	12,800 ^r	37,500	9,610	(16,000)	142,000 ^r
February	79,000	12,800 ^r	50,400	18,300	(35,200)	159,000 ^r
March	75,500	12,700 ^r	46,800	26,000	(48,300)	157,000 ^r
April	71,500	12,700 ^r	51,300	37,900	(41,500)	139,000 ^r
May	75,300	12,800 ^r	52,400	33,000	(32,900)	140,000 ^r
June	65,300	14,600 ^r	56,900	10,200	(25,200)	152,000 ^r
July	79,800	14,400 ^r	53,400	4,940	(10,200)	153,000 ^r
August	85,200	14,300 ^r	49,500	5,700	(7,040)	150,000 ^r
September	79,300	13,900 ^r	46,200	4,280	(5,070) ^r	140,000 ^r
October	89,600	15,600 ^r	52,600	3,160	6,660	148,000 ^r
November	88,900	15,600 ^r	64,700	3,320	9,250	157,000 ^r
December	87,300	15,400 ^r	66,100	2,510	32,400	134,000 ^r
January–December	962,000	168,000 ^r	628,000	159,000	(173,000)	1,770,000 ^r
2013, January	85,500	15,200	86,800	3,540	23,500	161,000

^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 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									
January	1,600	1,560	2,400 ^r	7,490 ^r	58,000	1,570	4,330 ^r	2,100 ^r	79,100 ^r
February	1,850	1,610	2,400 ^r	7,490 ^r	59,300	1,560	4,330 ^r	2,100 ^r	80,600 ^r
March	1,520	1,530	2,400 ^r	7,490 ^r	60,900	1,530	4,330 ^r	2,100 ^r	81,800 ^r
April	1,510	1,530	2,400 ^r	7,490 ^r	58,300	1,530	4,330 ^r	2,100 ^r	79,200 ^r
May	1,500	1,530	2,400 ^r	7,490 ^r	58,000	1,600	4,330 ^r	2,100 ^r	78,900 ^r
June	1,570	1,550	2,400 ^r	7,490 ^r	55,100	3,470	4,330 ^r	2,100 ^r	78,000 ^r
July	1,390	1,500	2,400 ^r	7,490 ^r	54,700	3,280	4,330 ^r	2,100 ^r	77,200 ^r
August	1,360	1,490	2,400 ^r	7,490 ^r	55,400	3,240	4,330 ^r	2,100 ^r	77,800 ^r
September	1,610	1,560	2,400 ^r	7,490 ^r	55,100	2,720	4,330 ^r	2,100 ^r	77,400 ^r
October	1,940	2,690	2,400 ^r	7,490 ^r	56,000	3,170	4,330 ^r	2,100 ^r	80,100 ^r
November	1,530	2,590	2,400 ^r	7,490 ^r	55,200	3,260	4,330 ^r	2,100 ^r	78,900 ^r
December	1,500	2,630	2,400 ^r	7,490 ^r	54,200	3,110	4,330 ^r	2,100 ^r	77,800 ^r
January–December	18,900	21,800	28,800 ^r	89,900 ^r	680,000	30,000	52,000 ^r	25,200 ^r	947,000 ^r
2013, January	1,540	2,640	2,400	7,490	56,600	3,110	4,330	2,100	80,200

^PPreliminary. ^rRevised.

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								
January	10,900	8,020	26,400	7,210	4,330 ^r	80,800	266,000	393,000
February	14,200	4,370	26,900	7,160	4,330 ^r	83,100	232,000	358,000
March	16,500	3,410	19,500	6,790	4,330 ^r	78,500	197,000	309,000
April	19,200	4,370	14,200	6,450	4,330 ^r	69,000	170,000	268,000
May	15,000	4,740	21,700	6,410	4,330 ^r	54,200	144,000	235,000
June	12,600	1,770	17,300	6,580	4,330 ^r	48,400	131,000	210,000
July	12,300	4,160	18,900	7,220	4,330 ^r	43,700	121,000	199,000 ^r
August	12,500	2,220	22,400	6,570	4,330 ^r	46,100	111,000	192,000 ^r
September	16,700	3,900	16,100	6,120	4,330 ^r	45,700	111,000	187,000
October	19,700	4,990	27,100	6,020	4,330 ^r	51,300	100,000	194,000
November	18,600	7,760	28,100	6,300	4,330 ^r	58,400	98,400	203,000
December	12,300	12,900	28,100	6,530	4,330 ^r	64,100	120,000	236,000
2013, January	8,620	12,500	29,300	6,590	4,330	67,200	139,000	259,000

^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:			
January	372.691	366.865	364.824
February	390.409	384.583	382.016
March	389.774	383.948	383.582
April	377.744	371.918	374.616
May	362.860	357.034	359.212
June	340.586	334.760	336.555
July	349.728	343.902	344.217
August	347.628	341.802	339.827
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

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:				
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
May	350.36	315.05	295.00	197.05
June	328.86	298.38	274.64	190.00
July	340.29	310.00	277.50	190.00
August	338.48	307.09	277.50	190.00
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

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	January	2012	January	2012	January	2012	January
Belgium	143	--	170	--	--	--	384	--
Canada	186	--	224	10	12	--	115,000	14,200
Chile	--	--	--	--	--	--	402,000	60,500
China	--	--	180	--	1	--	67	13
Finland	--	--	--	--	260	16	137	--
Germany	15	--	--	--	--	--	2,230	206
Japan	--	--	2	--	25	1	4,700	404
Mexico	5,940	--	369	54	--	--	88,200	6,140
Netherlands	--	--	338	8	3	--	6	--
Peru	--	--	--	--	--	--	16,400	5,270
Other	10	--	218	17	253	--	789	30
Total	6,290	--	1,500	89	554	17	630,000	86,800

-- Zero.

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

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	January	2012	January	2012	January	2012	January
Canada	13,300	422	34,900	1,770	3,100	184	757	272
China	118,000	4,630	460	--	149	22	100,000	214
Germany	104	--	284	--	409	62	84	3
Hong Kong	--	--	4	--	1,530 ^r	138	84 ^r	3
Italy	--	--	--	--	189	--	47	--
Japan	14,100	3,190	--	--	863	80	1,410	126
Korea, Republic of	14,400	--	--	--	1,090	100	105	--
Mexico	120,000	9,820	--	--	164	15	54,000	2,670
Singapore	--	--	15	17	62	20	3	--
Spain	(2)	--	--	--	110	18	209	205
Sweden	--	--	--	--	12	--	638	--
Switzerland	--	--	--	--	45	13	23	2
Taiwan	4	--	--	--	3,750	47	4	2
Other	21,300	45	212	--	2,430 ^r	132	998 ^r	45
Total	301,000	18,100	35,800	1,790	13,900	831	159,000	3,540

^rRevised. -- 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	
	2013		2013	
	2012	January	2012	January
Canada	14,300	1,440	32,600	2,930
Chile	42	--	192	--
Costa Rica	582	6	1,750	222
Guatemala	558	76	2,520	232
Honduras	53	--	1,100	113
Jamaica	--	--	--	--
Japan	20	--	(2)	--
Mexico	9,040	916	26,500	2,000
Nicaragua	921	72	660	35
Other	4,910	465	8,800	747
Total	30,500	2,970	74,100	6,280

-- 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 January	No. 2 January	Other January		Segregated January	Unsegregated January
Belgium	23,900	1,650	379	165	15,700	229	1,020
Canada	20,000	--	--	2,330	41,400	158	2,940
China	341,000	5,670	13,400	7,750	539,000	17,400	20,900
Germany	22,200	1,200	77	790	13,400	18	988
Hong Kong	4,820	214	151	187	43,900	640	3,210
India	1,260	--	20	--	8,880	392	39
Japan	9,470	36	71	133	8,760	269	294
Korea, Republic of	16,400	539	433	345	9,750	686	40
Mexico	3,960	87	20	71	5,340	33	295
Spain	4,270	32	119	--	8,070	20	516
Taiwan	2,990	41	405	--	3,200	213	525
Thailand	491	--	--	243	383	--	--
Other	29,000	1,270	380	194	17,800	299	659
Total	479,000	10,700	15,400	12,200	716,000	20,400	31,500

-- Zero.

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

Source: U.S. Census Bureau.