

Mineral Industry Surveys

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COPPER IN SEPTEMBER 2016

The U.S. average daily mine production of recoverable copper in September 2016 decreased by 5% compared with that in August 2016 and was essentially unchanged from that in September 2015. Third quarter 2016 mine production of recoverable copper was essentially unchanged and production in the first three quarters of 2016 increased by 4% compared with those of the same periods in 2015. Mine production in September 2016 decreased by 8% and total refinery production increased by 2% compared with those in August 2016 (fig. 1, table 1).

Average daily smelter production in September 2016 increased by 17% compared with that in August 2016 and average daily electrolytic refinery production increased by 10% owing to a maintenance shutdown at one smelter that reduced production in August. Smelter and electrolytic refinery production in September 2016 increased by 36% and 24%, respectively, compared with those in September 2015 owing to a smelter maintenance shutdown that reduced production in September 2015. Smelter production in the third quarter of 2016 increased by 11% and production in the first three quarters increased by 10% compared with those of the same periods in 2015. Electrolytically refined production in third quarter of 2016 increased by 16% and production in the first three quarters increased by 19% compared with those of the same periods in 2015 (tables 3, 4).

Total refined copper stocks in the United States at the end of September increased by 16% compared with those at the end of August owing to a 49% increase in domestic LME stocks. Total refined stocks at the end of September 2016 were slightly more than those at the end of September 2015 (table 10).

The average September 2016 COMEX spot copper price was essentially unchanged at \$2.14 per pound from the average price in August and was 10% less than the average price in September 2015 (table 11). The average September 2016 New York dealers' number 2 scrap price decreased slightly to \$1.53 per pound from the average price in August and was 15% less than the average price in September 2015 (table 12).

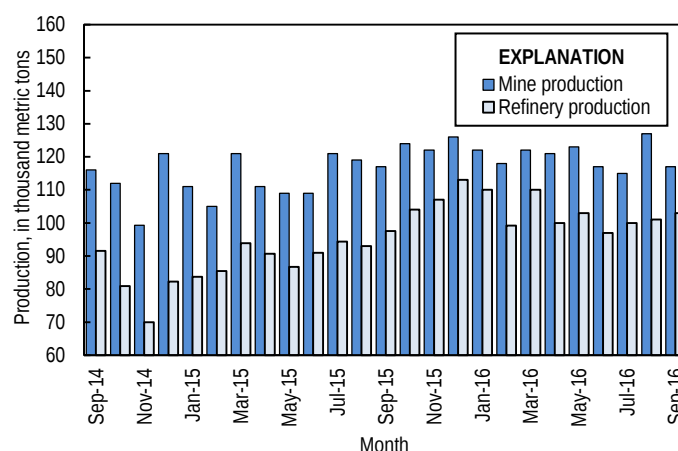


Figure 1. Monthly domestic copper mine production (recoverable) and refinery production from September 2014 through September 2016. Source: U.S. Geological Survey.

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

(Metric tons, unless otherwise specified)

	Source table ²	2016				
		2015 ^p	July	August	September	January– September
Production:						
Primary:						
Mine, recoverable	(2)	1,410,000 ^r	115,000 ^r	127,000 ^r	117,000	1,080,000
Smelter, total	(3)	527,000	33,100	47,700 ^r	54,000	413,000
Refinery:						
Electrolytic, domestic and foreign	(4)	503,000	43,200	45,200	48,200	423,000
Electrowon	(4)	588,000	54,000	52,700	51,400	465,000
Total	(4)	1,090,000	97,200	97,900	99,600	888,000
Secondary recoverable copper:						
Refineries	(5)	48,800	3,280	3,300	3,810	36,400
Ingot makers ³	(5)	56,300	4,690	4,690	4,690	42,200
Brass and wire-rod mills	(5)	606,000	50,800	51,700	52,400	470,000
Foundries, etc. ³	(5)	50,200	4,190	4,190	4,190	37,700
Consumption:						
Apparent	(8)	1,810,000	162,000	159,000	146,000	1,430,000
Refined (reported)	(7)	1,800,000	141,000 ^r	152,000	144,000	1,330,000
Purchased copper-base scrap	(9)	907,000	74,600	75,500	76,200	687,000
Stocks at end of period:						
Total refined	(10)	210,000	157,000	163,000	189,000	189,000
Blister, etc.	(10)	13,900	13,500	12,500 ^r	12,600	12,600
Prices, U.S. producers cathode (cents per pound) ⁴	(11)	256.150	226.296	219.284	218.752	218.558
Imports: ⁵						
Ore and concentrate ⁶	(13)	301	39	38	--	102
Refined	(13)	686,000	61,100	60,200	55,200	504,000
Exports: ⁵						
Ore and concentrate ⁶	(14)	392,000	31,400	33,500	31,200	256,000
Refined	(14)	86,200	6,510	6,420	6,630	105,000

^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 2014 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
2015: ^p						
September	83,900 ^r	33,400	117,000 ^r	54,500	67,400 ^r	122,000 ^r
October	89,300 ^r	34,400	124,000 ^r	55,300 ^r	71,300 ^r	127,000 ^r
November	85,700 ^r	36,300 ^r	122,000 ^r	53,800 ^r	70,900 ^r	125,000 ^r
December	90,300 ^r	36,000	126,000 ^r	55,700 ^r	73,100 ^r	129,000 ^r
January–December	985,000 ^r	419,000 ^r	1,410,000 ^r	588,000 ^r	851,000 ^r	1,440,000 ^r
2016:						
January	84,500 ^r	37,100	122,000 ^r	54,500	70,400 ^r	125,000 ^r
February	79,400 ^r	38,900	118,000 ^r	48,500	72,800 ^r	121,000 ^r
March	81,600 ^r	40,100	122,000 ^r	51,400	73,000 ^r	124,000 ^r
April	81,200 ^r	39,500 ^r	121,000 ^r	49,700	73,900 ^r	124,000 ^r
May	83,500 ^r	39,400	123,000 ^r	51,700	74,000 ^r	126,000 ^r
June	79,800 ^r	37,200	117,000 ^r	50,700	69,000 ^r	120,000 ^r
July	80,200 ^r	35,100	115,000 ^r	54,000	63,700 ^r	118,000 ^r
August	86,400 ^r	40,300	127,000 ^r	52,700	76,900 ^r	130,000 ^r
September	80,100	36,400	117,000	51,400	67,600	119,000
January–September	737,000	344,000	1,080,000	465,000	641,000	1,110,000

^pPreliminary. ^rRevised.

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

²Includes production from Idaho, Michigan, 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
2015: ^p	
September	39,600
October	48,700
November	46,500
December	55,100
January–December	527,000
2016:	
January	45,600
February	46,100
March	41,400
April	47,300
May	51,900
June	45,400
July	33,100
August	47,700 ^r
September	54,000
January–September	413,000

^pPreliminary. ^rRevised.

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		
2015: ^p					
September	38,900	54,500	93,400	4,200	97,600
October	44,200	55,300 ^r	99,500 ^r	5,010	104,000
November	49,000	53,800 ^r	103,000	4,250	107,000
December	53,000	55,700 ^r	109,000	4,050	113,000
January–December	503,000	588,000 ^r	1,090,000	48,800	1,140,000
2016:					
January	51,100	54,500	106,000	4,250	110,000
February	43,500	48,500	92,000	7,190	99,200
March	53,300	51,400	105,000	4,900	110,000
April	47,100	49,700	96,800	3,200	100,000
May	48,200	51,700	99,900	3,180	103,000
June	43,600	50,700	94,200	3,260	97,500
July	43,200	54,000	97,200	3,280	100,000
August	45,200	52,700	97,900	3,300	101,000
September	48,200	51,400	99,600	3,810	103,000
January–September	423,000	465,000	888,000	36,400	924,000

^pPreliminary. ^rRevised.

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	
2015: ^p									
September	1,710	2,490	826	3,860	48,700	3,060	3,290	896	64,800
October	1,710	3,310	826	3,860	47,000	2,910	3,290	896	63,800
November	1,640	2,610	826	3,860	46,800	2,780	3,290	896	62,700
December	1,640	2,410	826	3,860	46,800	2,490	3,290	896	62,200
January–December	17,900	30,900	9,910	46,400	569,000	37,100	39,500	10,800	758,000
2016:									
January	1,640	2,620	826	3,860	49,000	3,430	3,290	896	65,500
February	1,640	5,550	826	3,860	48,400	3,190	3,290	896	67,600
March	1,660	3,240	826	3,860	48,700	3,150	3,290	896	65,600
April	1,630	1,570	826	3,860	50,500	2,790	3,290	896	65,300
May	1,610	1,570	826	3,860	50,400	2,610	3,290	896	65,100
June	1,680	1,580	826	3,860	49,600	3,000	3,290	896	64,700
July	1,680	1,600	826	3,860	48,200	2,600	3,290	896	63,000
August	1,680	1,620	826	3,860	48,900	2,790	3,290	896	63,900
September	1,680	2,130	826	3,860	49,700	2,730	3,290	896	65,100
January–September	14,900	21,500	7,430	34,800	443,000	26,300	29,600	8,060	586,000

^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 2015 cumulative data estimated based on 2014 annual data.

⁴Does not include an estimate, based on reported 2014 data, of 2,950 tons per month from new scrap and 2,530 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
2015: ^p						
September	74,600	108,000	74,900	106,000	28,400	30,200
October	74,200	114,000	73,500	114,000	29,100	30,300
November	72,500	95,900	72,800	100,000	28,800	25,900
December	72,700	92,200	73,100	92,200	28,400	26,000
January–December	891,000	1,320,000	891,000	1,310,000	28,400	26,000
2016:						
January	73,600	112,000	73,400	110,000	28,600	27,600
February	73,600	109,000	73,900	108,000	28,200	28,900
March	75,000	117,000	74,200	113,000	28,900	33,100
April	73,500	109,000	73,300	108,000	29,200	29,400
May	72,300	110,000	73,700	111,000	27,800	28,300
June	72,300	112,000	71,200	110,000	28,900	30,200
July	72,800	103,000 ^r	72,700	103,000 ^r	29,100	29,600 ^r
August	74,400	113,000 ^r	73,800	113,000	29,600	29,600 ^r
September	72,500	106,000	73,500	110,000	28,700	25,200
January–September	660,000	990,000	660,000	987,000	28,700	25,200

^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
2015: ^p				
September	35,500	108,000	4,690	148,000
October	34,900	113,000	4,690	152,000
November	35,300	97,500	4,690	137,000
December	35,000	95,800	4,690	135,000
January–December	422,000	1,320,000	56,200	1,800,000
2016:				
January	34,800	110,000	4,690	149,000
February	35,700	107,000	4,690	147,000
March	35,400	116,000	4,690	156,000
April	34,900	107,000	4,690	146,000
May	34,400	108,000	4,690	147,000
June	35,500	110,000	4,690	150,000
July	35,500	100,000 ^r	4,690	141,000 ^r
August	35,600	111,000	4,690	152,000
September	35,400	103,000	4,690	144,000
January–September	317,000	973,000	42,200	1,330,000

^pPreliminary. ^rRevised.

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

²Monthly and 2015 cumulative consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2014 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
2015: ^p						
September	93,400	12,800	47,100	4,490	1,590	147,000
October	99,400	13,500	49,900	6,110	2,750	154,000
November	103,000	12,700	43,500	8,690	8,210	142,000
December	109,000	12,200	44,800	7,270	12,500	146,000
January–December	1,090,000	156,000	664,000	86,500	18,200	1,810,000
2016:						
January	106,000	13,300	56,000	6,390	11,500	157,000
February	91,800	16,000	43,800	16,800	(4,810)	140,000
March	105,000	13,700	43,400	24,800	(27,900)	165,000
April	96,700	11,600	52,400	9,650	(15,500)	167,000
May	99,900	11,500	52,400	22,000	(8,810)	151,000
June	94,200	11,900	63,400	5,600	(16,400)	180,000
July	97,200	11,500	68,200	6,510	8,220	162,000
August	97,900	11,700	62,000	6,420	6,610	159,000
September	99,600	12,200	66,500	6,630	25,700	146,000
January–September	888,000	113,000	508,000	105,000	(21,400)	1,430,000

^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 2014 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	
2015: ^p									
September	1,770	2,700	1,990	5,480	56,900	3,110	3,950	996	76,900
October	1,760	2,700	1,990	5,480	54,700	2,990	3,950	996	74,600
November	1,690	2,680	1,990	5,480	54,700	2,860	3,950	996	74,300
December	1,690	2,680	1,990	5,480	54,600	2,540	3,950	996	73,900
January–December	18,700	31,700	23,900	65,700	669,000	38,500	47,400	12,000	907,000
2016:									
January	1,690	2,680	1,990	5,480	56,900	3,520	3,950	1,020	77,200
February	1,690	2,680	1,990	5,480	56,300	3,290	3,950	1,020	76,400
March	1,710	2,830	1,990	5,480	56,600	3,230	3,950	1,020	76,800
April	1,680	1,570	1,990	5,480	58,400	2,880	3,950	1,020	77,000
May	1,660	1,570	1,990	5,480	58,400	2,690	3,950	1,020	76,700
June	1,730	1,590	1,990	5,480	57,500	3,090	3,950	1,020	76,400
July	1,730	1,590	1,990	5,480	56,200	2,670	3,950	1,020	74,600
August	1,730	1,590	1,990	5,480	56,900	2,870	3,950	1,020	75,500
September	1,730	1,590	1,990	5,480	57,600	2,800	3,950	1,020	76,200
January–September	15,300	17,700	17,900	49,300	515,000	27,000	35,600	9,180	687,000

^pPreliminary.

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

²Monthly data estimated from 2014 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	
2015: ^p							
September	21,200	6,630	43,300	7,320	7,560	36,400	187,000
October	17,900	9,330	35,600	7,670	7,560	48,600	190,000
November	13,500	8,120	34,000	7,360	7,560	66,000	198,000
December	13,900	12,000	36,200	7,580	7,560	63,300	210,000
2016:							
January	13,700	13,800	34,600	8,340	7,560	59,500	222,000
February	14,500	8,820	33,400	7,840	7,560	61,200	217,000
March	13,600	7,900	28,700	7,460	7,560	65,300	189,000
April	12,400	3,200	41,600	7,950	7,560	59,400	174,000
May	16,100	3,950	40,100	8,670	7,560	55,400	165,000
June	19,500	2,820	37,300	7,680	7,560	56,600	149,000
July	13,500	3,040	40,300	7,940	7,560	59,300	157,000
August	12,500 ^r	5,660	37,600	7,930	7,560	61,000	163,000
September	12,600	5,230	39,500	7,650	7,560	64,000	189,000

^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 2014 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 cathode ¹	Comex first position ²	LME cash price Grade A
2015:			
September	242.557	237.057	236.200
October	242.086	236.786	236.857
November	220.663	215.538	218.070
December	213.216	208.216	209.949
Year	256.150	250.814	249.526
2016:			
January	205.695	200.945	202.406
February	212.505	207.505	208.424
March	228.409	223.159	224.394
April	223.726	218.288	220.017
May	216.831	211.143	213.544
June	215.520	209.770	210.025
July	226.296	220.733	220.235
August	219.284	214.096	215.811
September	218.752	213.752	213.496
January-September	218.558	213.266	214.261

¹Listed as "U.S. producer cathode" and sum of "Comex high grade first position" and "NY Dealer Premium 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
2015:				
September	233.33	210.43	180.02	141.43
October	233.61	210.14	176.91	139.41
November	212.58	189.37	167.97	134.37
December	205.30	183.93	148.64	127.05
Year	246.13	222.45	194.49	144.62
2016:				
January	198.61	178.84	143.61	125.37
February	205.90	187.18	141.50	125.00
March	222.17	202.72	151.02	128.70
April	217.98	199.00	152.50	130.00
May	210.83	192.43	154.26	132.38
June	210.30	191.68	150.27	130.14
July	221.00	201.70	157.15	134.10
August	213.54	192.26	156.20	133.35
September	213.43	191.88	153.21	131.57
January–September	212.64	193.08	151.08	130.07

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		
	2016			2016			2016			2016		
	2015	September	January– September	2015	September	January– September	2015	September	January– September	2015	September	January– September
Belgium	--	--	--	257	--	27	--	--	--	--	--	--
Canada	98	--	72	198	84	244	2	(2)	2	191,000	12,500	139,000
Chile	--	--	--	--	--	--	--	--	--	358,000	29,100	248,000
China	--	--	--	3	--	--	--	--	(2)	35	--	58
Congo (Kinshasa)	--	--	--	--	--	--	--	--	--	21,400	915	12,700
Finland	--	--	--	--	--	--	308	--	71	42	37	108
Germany	78	--	--	24	--	--	7	(2)	(2)	2,130	135	1,480
India	--	--	3	--	--	--	--	--	--	792	10	1,210
Japan	--	--	--	141	--	100	3	(2)	2	4,010	262	3,170
Mexico	10	--	--	--	--	41	--	--	--	94,800	8,120	79,800
Netherlands	--	--	--	257	--	69	3	--	(2)	(2)	--	(2)
Peru	--	--	--	--	--	--	--	--	--	11,700	4,000	16,300
Other	109	--	27	262	(2)	55	99	1	75	2,380	151	3,160
Total	295	--	102	1,140	84	535	422	2	149	686,000	55,200	504,000

-- 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		
	2016			2016			2016			2016		
	2015	September	January– September	2015	September	January– September	2015	September	January– September	2015	September	January– September
Belgium	3	(2)	(2)	23	674	3,590	228	41	551	--	--	--
Canada	21,100	2,600	20,100	15,200	606	8,950	2,310	171	1,650	36,000	2,370	26,700
China	37,800	5,130	37,100	153	--	17	773	20	437	4,750	18	29,800
Germany	--	--	--	70	53	53	413	63	450	12	(2)	21
Hong Kong	--	--	--	--	--	36	1,640	158	870	7	--	--
Italy	--	--	--	--	--	--	209	3	251	31	(2)	231
Japan	9,130	5,400	14,400	185	28	148	39	61	226	1,000	1	156
Korea, Republic of	157	26	95	38	--	261	1,520	192	1,070	1,190	10	62
Mexico	321,000	17,200	184,000	--	--	--	64	26	62	42,100	4,210	47,300
Singapore	--	--	--	21	--	--	64	--	22	78	--	13
Spain	--	--	--	16	--	--	141	22	225	24	--	3
Switzerland	--	--	--	--	--	--	31	--	12	5	--	4
Taiwan	--	--	--	--	36	236	56	--	60	62	3	59
Other	2,240	819	834	231	121	679	3,400	147	1,100	977	19	461
Total	392,000	31,200	256,000	15,900	1,520	14,000	10,700	904	6,980	86,200	6,630	105,000

-- 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 15
U.S. COPPER SCRAP IMPORTS¹

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2016		January– September	2016		January– September
	2015	September		2015	September	
Canada	12,800	817	9,910	42,300	4,510	37,200
Chile	--	21	21	392	25	177
Colombia	151	57	225	1,890	116	867
Costa Rica	426	27	245	1,310	53	783
Guatemala	138	--	--	545	34	272
Honduras	167	12	72	502	33	257
Mexico	12,400	1,080	9,620	30,700	3,230	25,000
Nicaragua	--	--	--	590	20	166
Other	2,390	326	1,450	4,880	333	4,350
Total	28,500	2,340	21,500	83,100	8,350	69,100

-- 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				
	2016							2016				
	No. 1		No. 2		Other			Segregated		Unsegregated		
	January–		January–		January–			January–		January–		
	2015	September	September	September	September	September	September	2015	September	September	September	September
Belgium	10,800	230	2,660	324	2,440	118	1,530	12,600	98	1,930	243	4,920
Canada	27,600	--	--	--	--	2,090	17,800	39,500	267	2,720	3,590	35,200
China	281,000	9,550	79,300	5,090	49,500	9,430	71,100	378,000	8,660	75,300	22,700	202,000
Germany	30,500	1,320	12,800	552	3,050	152	2,050	13,900	161	445	487	6,640
Hong Kong	8,720	114	1,800	144	944	283	2,000	14,100	73	526	1,760	13,500
India	4,050	--	568	24	235	35	356	17,600	1,810	16,700	222	1,400
Japan	6,140	70	1,970	78	851	556	1,840	11,900	112	1,430	778	4,570
Korea, Republic of	16,500	618	7,550	240	2,540	298	3,320	12,000	144	4,100	188	4,330
Mexico	723	141	1,120	--	32	--	57	3,490	--	746	--	188
Netherlands	11,300	358	4,600	82	2,880	147	2,480	720	--	122	89	891
Spain	457	--	70	--	8	--	19	10,500	78	451	663	5,480
Taiwan	7,650	285	3,430	222	1,050	39	1,120	2,430	19	350	60	665
Thailand	143	--	24	--	--	5	56	2,400	106	590	--	278
Other	20,500	626	8,590	63	1,350	38	536	9,390	282	2,300	1,210	10,900
Total	426,000	13,300	124,000	6,820	64,900	13,200	104,000	529,000	11,800	108,000	32,000	291,000

-- Zero.

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

Source: U.S. Census Bureau.