

# Mineral Industry Surveys

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## **COPPER IN NOVEMBER 2007**

Average daily mine production of recoverable copper was essentially unchanged from that in October, according to data compiled by the U.S. Geological Survey. Mine production for the first 11 months of 2007 was slightly lower than that for the corresponding period in 2006 owing to a 10% decline in

production in States other than Arizona, where production rose by more than 3%. Consumption of refined copper fell by about 17% in November to the lowest monthly level of the year. Year-to-date consumption for the first 11 months of 2007 was essentially unchanged from that of the previous year.

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>	2006	2007		
			October	November	January - November
<b>Production:</b>					
<b>Primary:</b>					
Mine, recoverable	(2)	1,200,000	100,000 <sup>r</sup>	97,200	1,070,000
<b>Refinery:</b>					
<b>Electrolytic:</b>					
Domestic and foreign	(4)	675,000	75,100	48,500	705,000
Electrowon	(4)	530,000	41,900 <sup>r</sup>	39,500	465,000
Total	(4)	1,210,000	117,000 <sup>r</sup>	87,700	1,170,000
<b>Secondary recoverable copper:</b>					
Refineries	(5)	44,800	3,420	3,550	38,600
Ingot makers <sup>3</sup>	(5)	82,900 <sup>r</sup>	6,910 <sup>r</sup>	6,910	76,000
Brass and wire-rod mills	(5)	719,000	55,700	48,700	615,000
Foundries, etc. <sup>3</sup>	(5)	53,000 <sup>r</sup>	4,420 <sup>r</sup>	4,420	48,600
Smelter, total	(3)	501,000	47,000	46,700	568,000
<b>Consumption:</b>					
Apparent	(8)	2,190,000	205,000	NA	NA
Refined (reported)	(7)	2,110,000	190,000 <sup>r</sup>	157,000	1,990,000
Purchased copper-base scrap	(9)	1,150,000 <sup>r</sup>	90,400 <sup>r</sup>	80,600	994,000
<b>Stocks at end of period:</b>					
Total refined	(11)	196,000	106,000	113,000	XX
Blister, etc.	(11)	18,800	21,500	22,300	XX
Prices, U.S. producer cathode (cents per pound) <sup>4</sup>	(12)	314.751	364.713	318.802	329.281
<b>Imports:<sup>5</sup></b>					
Ores and concentrates <sup>6</sup>	(14)	192	17	NA	NA
Refined	(14)	1,070,000	66,900	NA	NA
<b>Exports:<sup>5</sup></b>					
Ores and concentrates <sup>6</sup>	(15)	108,000	3,000	NA	NA
Refined	(15)	106,000	7,120	NA	NA

<sup>r</sup>Revised. NA Not available. XX Not applicable.

<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 2006 monthly average.

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

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

<sup>6</sup>Copper content.

TABLE 2  
SALIENT STATISTICS OF THE COPPER INDUSTRY 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
2006:						
January-November	651,000 <sup>r</sup>	444,000	1,100,000 <sup>r</sup>	485,000	632,000 <sup>r</sup>	1,120,000
November	60,800	39,200	99,900	43,000	59,000	102,000
December	61,300	40,600	102,000	45,000	58,300	103,000
Year	712,000	485,000	1,200,000	530,000	690,000	1,220,000
2007:						
January	57,600	38,700	96,300	40,900	57,400	98,300
February	52,200	32,800	85,000	38,400	48,900	87,300
March	58,900	36,100 <sup>r</sup>	95,000 <sup>r</sup>	42,500 <sup>r</sup>	54,300 <sup>r</sup>	96,800 <sup>r</sup>
April	60,200 <sup>r</sup>	37,300	97,500 <sup>r</sup>	43,100	56,300 <sup>r</sup>	99,500 <sup>r</sup>
May	63,500 <sup>r</sup>	39,800	103,000	45,000	60,200 <sup>r</sup>	105,000
June	63,000 <sup>r</sup>	34,600	97,600 <sup>r</sup>	44,300	55,300 <sup>r</sup>	99,600 <sup>r</sup>
July	65,500 <sup>r</sup>	35,200	101,000 <sup>r</sup>	45,300	57,400 <sup>r</sup>	103,000 <sup>r</sup>
August	66,300 <sup>r</sup>	33,500 <sup>r</sup>	99,800 <sup>r</sup>	43,700 <sup>r</sup>	58,600 <sup>r</sup>	102,000
September	62,800 <sup>r</sup>	36,500 <sup>r</sup>	99,300 <sup>r</sup>	39,900 <sup>r</sup>	61,600 <sup>r</sup>	101,000
October	62,100 <sup>r</sup>	38,100 <sup>r</sup>	100,000 <sup>r</sup>	41,900 <sup>r</sup>	60,400 <sup>r</sup>	102,000 <sup>r</sup>
November	60,100	37,100	97,200	39,500	59,800	99,300
January-November	672,000	400,000	1,070,000	465,000	630,000	1,090,000

<sup>1</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  
SALIENT STATISTICS OF THE COPPER INDUSTRY  
IN THE UNITED STATES, BY SOURCE<sup>1,2</sup>

(Metric tons, copper content)

Period	Anode production
2006:	
January-November	448,000
November	32,300
December	53,500
Year	501,000
2007:	
January	47,200
February	47,800
March	53,700
April	52,400
May	59,200
June	56,200
July	55,200
August	52,400
September	50,000
October	47,000
November	46,700
January-November	568,000

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

(Metric tons)

Period	Primary materials			Scrap	Total refined
	Electrolytically refined <sup>2</sup>	Electrowon	Total		
2006:					
January-November	616,000	485,000	1,100,000	41,000	1,140,000
November	47,700	43,000	90,700	3,700	94,400
December	59,500	45,000	105,000	3,760	108,000
Year	675,000	530,000	1,210,000	44,800	1,250,000
2007:					
January	56,100	40,900	97,000	3,880	101,000
February	54,900	38,400	93,200	3,880	97,100
March	69,900	42,500 <sup>r</sup>	112,000 <sup>r</sup>	3,370	116,000 <sup>r</sup>
April	66,200	43,100	109,000	3,480	113,000
May	67,200	45,000	112,000 <sup>r</sup>	3,410	116,000
June	64,600	44,300	109,000	3,430	112,000
July	67,400	45,300	113,000	3,370	116,000
August	70,400	43,700 <sup>r</sup>	114,000	3,380	117,000
September	64,500	39,900 <sup>r</sup>	104,000	3,460	108,000
October	75,100	41,900 <sup>r</sup>	117,000 <sup>r</sup>	3,420	120,000 <sup>r</sup>
November	48,500	39,500	87,700	3,550	91,300
January-November	705,000	465,000	1,170,000	38,600	1,210,000

<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>From domestic and foreign source materials.

TABLE 5  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<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	
2006:									
January-November	14,700	26,300	19,500 <sup>r</sup>	56,500 <sup>r</sup>	658,000	11,700	25,500 <sup>r</sup>	23,000 <sup>r</sup>	836,000 <sup>r</sup>
November	1,340	2,370	1,770 <sup>r</sup>	5,130 <sup>r</sup>	53,200	824	2,320 <sup>r</sup>	2,100 <sup>r</sup>	69,100 <sup>r</sup>
December	1,340	2,420	1,770 <sup>r</sup>	5,130 <sup>r</sup>	48,500	776	2,320 <sup>r</sup>	2,100 <sup>r</sup>	64,400 <sup>r</sup>
Year	16,000	28,800 <sup>r</sup>	21,300 <sup>r</sup>	61,600 <sup>r</sup>	707,000	12,500	27,900 <sup>r</sup>	25,100 <sup>r</sup>	900,000 <sup>r</sup>
2007:									
January	1,340	2,550	1,770 <sup>r</sup>	5,130 <sup>r</sup>	53,300	726	2,320 <sup>r</sup>	2,100 <sup>r</sup>	69,200 <sup>r</sup>
February	1,340	2,550	1,770 <sup>r</sup>	5,130 <sup>r</sup>	54,700	794	2,320 <sup>r</sup>	2,100 <sup>r</sup>	70,700 <sup>r</sup>
March	1,340	2,030	1,770 <sup>r</sup>	5,130 <sup>r</sup>	62,000	769	2,320 <sup>r</sup>	2,100 <sup>r</sup>	77,400 <sup>r</sup>
April	1,340	2,150	1,770 <sup>r</sup>	5,130 <sup>r</sup>	58,300	766	2,320 <sup>r</sup>	2,100 <sup>r</sup>	73,800 <sup>r</sup>
May	1,340	2,080	1,770 <sup>r</sup>	5,130 <sup>r</sup>	58,400	697	2,320 <sup>r</sup>	2,100 <sup>r</sup>	73,800 <sup>r</sup>
June	1,340	2,100	1,770 <sup>r</sup>	5,130 <sup>r</sup>	58,300	697	2,320 <sup>r</sup>	2,100 <sup>r</sup>	73,800 <sup>r</sup>
July	1,340	2,040	1,770 <sup>r</sup>	5,130 <sup>r</sup>	52,600	732	2,320 <sup>r</sup>	2,100 <sup>r</sup>	68,000 <sup>r</sup>
August	1,340	2,040	1,770 <sup>r</sup>	5,130 <sup>r</sup>	53,900	697	2,320 <sup>r</sup>	2,100 <sup>r</sup>	69,300 <sup>r</sup>
September	1,340	2,130	1,770 <sup>r</sup>	5,130 <sup>r</sup>	52,300	697	2,320 <sup>r</sup>	2,100 <sup>r</sup>	67,800 <sup>r</sup>
October	1,340	2,080	1,770 <sup>r</sup>	5,130 <sup>r</sup>	55,000	697	2,320 <sup>r</sup>	2,100 <sup>r</sup>	70,400 <sup>r</sup>
November	1,340	2,210	1,770	5,130	48,000	697	2,320	2,100	63,600
January-November	14,700	23,900	19,500	56,500	607,000	7,970	25,500	23,000	778,000

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

<sup>3</sup>Monthly data and 2007 cumulative data estimated based on 2006 annual data.

<sup>4</sup>Does not include an estimate, based on reported 2006 data of 3,920 tons per month from new scrap and 1,790 tons per month of copper recovered from old scrap other than copper-base.

TABLE 6  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<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
2006:						
January-November	1,230,000	1,490,000	1,230,000	1,490,000	XX	XX
November	101,000	110,000	100,000	108,000	48,000	28,000
December	93,000	92,100	91,500	95,800	49,500	24,300
Year	1,320,000	1,580,000	1,320,000	1,590,000	XX	XX
2007:						
January	103,000	139,000	107,000	138,000	45,900	24,900
February	109,000	135,000	110,000	131,000	48,400	28,900
March	111,000	145,000	112,000	150,000	44,900	23,100
April	108,000	144,000	109,000	143,000	44,100	23,900
May	109,000	145,000	110,000	149,000	43,500	20,300
June	108,000	146,000	109,000	138,000	42,700	28,500
July	98,500	132,000	99,600	136,000	41,600	23,900
August	104,000	149,000	105,000	148,000	40,500	24,800
September	103,000	119,000	102,000	125,000	42,100	18,000
October	98,000	149,000	96,500	145,000 <sup>r</sup>	39,900	22,100
November	82,800	119,000	83,100	118,000	39,700	23,000
January-November	1,130,000	1,520,000	1,140,000	1,520,000	XX	XX

<sup>r</sup>Revised. XX Not applicable.

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

TABLE 7  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons)

Period and item	Brass mills	Wire-rod mills	Other plants <sup>2</sup>	Total
2006:				
January-November	453,000	1,480,000	46,700 <sup>r</sup>	1,980,000 <sup>r</sup>
November	36,200	103,000	4,250 <sup>r</sup>	143,000 <sup>r</sup>
December	36,300	90,600	4,250 <sup>r</sup>	131,000 <sup>r</sup>
Year	490,000	1,570,000	51,000	2,110,000
2007:				
January	39,300	138,000	4,250 <sup>r</sup>	181,000 <sup>r</sup>
February	38,200	129,000	4,250 <sup>r</sup>	171,000 <sup>r</sup>
March	42,500	143,000	4,250 <sup>r</sup>	190,000 <sup>r</sup>
April	43,000	142,000	4,250 <sup>r</sup>	189,000 <sup>r</sup>
May	42,000	144,000	4,250 <sup>r</sup>	191,000 <sup>r</sup>
June	43,300	146,000	4,250 <sup>r</sup>	193,000 <sup>r</sup>
July	38,900	131,000	4,250 <sup>r</sup>	174,000 <sup>r</sup>
August	38,400	148,000	4,250 <sup>r</sup>	191,000 <sup>r</sup>
September	38,300	118,000	4,250 <sup>r</sup>	161,000 <sup>r</sup>
October	38,500	147,000	4,250 <sup>r</sup>	190,000 <sup>r</sup>
November:				
Cathodes	24,500	117,000	690	142,000
Wire bars	--	--	(3)	(3)
Ingots and ingot bars	2,020	--	1,610	3,630
Cakes and slabs	3,510	--	(3)	3,510
Billets and other	5,990	--	1,950	7,940
Total	36,000	117,000	4,250	157,000
January-November	438,000	1,500,000	46,700	1,990,000

<sup>r</sup>Revised. -- 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 2006 annual data.

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

TABLE 8  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<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>2006:</b>						
January-November	1,100,000 <sup>†</sup>	137,000 <sup>†</sup>	1,020,000	93,500	91,200 <sup>†</sup>	2,070,000
November	90,700	12,200	59,300	6,190	45,900	110,000
December	105,000	12,200	56,500	12,600	39,300	121,000
Year	1,210,000	150,000	1,070,000	106,000	130,000	2,190,000
<b>2007:</b>						
January	97,000	12,300 <sup>†</sup>	87,300	3,120	1,240	192,000 <sup>†</sup>
February	93,200	12,400 <sup>†</sup>	76,400	2,680	(4,690)	184,000 <sup>†</sup>
March	112,000	11,800 <sup>†</sup>	68,400	5,140	(18,500)	206,000
April	109,000	11,900 <sup>†</sup>	65,800	3,630	(21,300)	205,000 <sup>†</sup>
May	112,000	11,800 <sup>†</sup>	80,100	3,920	(34,800)	235,000 <sup>†</sup>
June	109,000	11,800 <sup>†</sup>	58,900	6,550	(13,100)	186,000 <sup>†</sup>
July	113,000	12,000 <sup>†</sup>	66,600	3,600	320	188,000 <sup>†</sup>
August	114,000	11,800 <sup>†</sup>	77,700	3,380	(2,550)	202,000 <sup>†</sup>
September	104,000	11,800 <sup>†</sup>	80,900	5,350	(1,150)	193,000 <sup>†</sup>
October	114,000	11,800 <sup>†</sup>	82,300	7,120	(4,070)	205,000
November	87,000	11,900	NA	NA	(6,870)	NA
January-November	1,170,000	131,000	NA	NA	(106,000)	NA

<sup>†</sup>Revised. NA Not available.

<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 2006 data.

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

TABLE 9  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<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>2006:</b>									
January-November	15,100 <sup>†</sup>	26,400 <sup>†</sup>	51,800 <sup>†</sup>	71,100 <sup>†</sup>	822,000	12,200	44,200 <sup>†</sup>	25,000 <sup>†</sup>	1,070,000
November	1,370 <sup>†</sup>	2,390 <sup>†</sup>	4,710 <sup>†</sup>	6,460 <sup>†</sup>	66,000	832	4,020 <sup>†</sup>	2,270 <sup>†</sup>	88,100 <sup>†</sup>
December	1,370 <sup>†</sup>	2,390 <sup>†</sup>	4,710 <sup>†</sup>	6,460 <sup>†</sup>	60,500	832	4,020 <sup>†</sup>	2,270 <sup>†</sup>	82,500 <sup>†</sup>
Year	16,500	28,700	56,500	77,600	882,000	13,100	48,200	27,200	1,150,000 <sup>†</sup>
<b>2007:</b>									
January	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	66,800	750	4,020 <sup>†</sup>	2,270 <sup>†</sup>	88,800 <sup>†</sup>
February	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	67,300	861	4,020 <sup>†</sup>	2,270 <sup>†</sup>	89,400 <sup>†</sup>
March	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	77,500	793	4,020 <sup>†</sup>	2,270 <sup>†</sup>	99,500 <sup>†</sup>
April	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	71,700	809	4,020 <sup>†</sup>	2,270 <sup>†</sup>	93,700 <sup>†</sup>
May	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	72,200	704	4,020 <sup>†</sup>	2,270 <sup>†</sup>	94,100 <sup>†</sup>
June	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	72,200	704	4,020 <sup>†</sup>	2,270 <sup>†</sup>	94,100 <sup>†</sup>
July	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	64,900	753	4,020 <sup>†</sup>	2,270 <sup>†</sup>	86,900 <sup>†</sup>
August	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	67,000	704	4,020 <sup>†</sup>	2,270 <sup>†</sup>	88,900 <sup>†</sup>
September	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	65,400	704	4,020 <sup>†</sup>	2,270 <sup>†</sup>	87,300 <sup>†</sup>
October	1,370 <sup>†</sup>	2,390	4,710 <sup>†</sup>	6,460 <sup>†</sup>	68,500	704	4,020 <sup>†</sup>	2,270 <sup>†</sup>	90,400 <sup>†</sup>
November	1,370	2,390	4,710	6,460	58,700	704	4,020	2,270	80,600
January-November	15,100	26,200	51,800	71,100	752,000	8,190	44,200	25,000	994,000

<sup>†</sup>Revised.

<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 2006 annual data.

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

TABLE 10  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, gross weight)

Scrap type and processor	2006		2007			
	Year	January- November	September	October	November	January- November
<b>No. 1 wire and heavy:</b>						
Smelters and refiners	72,700	66,600 <sup>r</sup>	4,970 <sup>r</sup>	4,970 <sup>r</sup>	4,970	49,000
Brass and wire-rod mills	400,000	372,000	29,300	30,800	29,300	352,000
<b>No. 2 mixed heavy and light:</b>						
Smelters and refiners	28,300	25,900 <sup>r</sup>	3,230 <sup>r</sup>	3,190 <sup>r</sup>	3,320	34,500
Brass and wire-rod mills	13,600	12,700	1,060	1,210	1,270	13,000
<b>Total unalloyed scrap:</b>						
Smelters and refiners	101,000	92,500 <sup>r</sup>	8,200 <sup>r</sup>	8,160 <sup>r</sup>	8,290	83,500
Brass and wire-rod mills	413,000	385,000	30,400	32,000	30,600	365,000
<b>Red brass:<sup>3</sup></b>						
All plants	35,400	32,700 <sup>r</sup>	2,650 <sup>r</sup>	2,750 <sup>r</sup>	2,400	28,600
<b>Leaded yellow brass:</b>						
All plants	185,000	172,000	14,300	13,200	12,700	155,000
<b>Yellow and low brass:</b>						
All plants	176,000	164,000 <sup>r</sup>	12,400	13,500	9,260	140,000
<b>Cartridge cases and brass:</b>						
All plants	93,900	87,400 <sup>r</sup>	7,500 <sup>r</sup>	8,620 <sup>r</sup>	5,910	83,500
<b>Auto radiators:</b>						
Smelters and refiners	24,300	22,300 <sup>r</sup>	2,060 <sup>r</sup>	2,060 <sup>r</sup>	2,060	22,700
<b>Bronzes:</b>						
Smelters and refiners	10,300	9,480 <sup>r</sup>	862	862	862	9,480
Brass mills	7,110	6,610	404	412	314	4,170
<b>Nickel-copper alloys:</b>						
All plants	18,500	17,300 <sup>r</sup>	1,030	1,340	758	12,800
<b>Low grade and residues:</b>						
Smelters and refiners	35,000	32,000 <sup>r</sup>	2,910	2,910	2,910	32,000
<b>Other alloy scrap:<sup>4</sup></b>						
Smelters and refiners	1,180	1,090 <sup>r</sup>	151 <sup>r</sup>	151 <sup>r</sup>	151	1,660
Brass mills	5,400	4,950 <sup>r</sup>	450	450	450	4,950
<b>Total alloyed scrap:</b>						
Smelters and refiners	109,000	99,600 <sup>r</sup>	8,880 <sup>r</sup>	8,880 <sup>r</sup>	8,880	97,700
Brass mills	484,000	451,000	35,900	37,300	28,900	397,000
<b>Total scrap:</b>						
Smelters and refiners	210,000	192,000 <sup>r</sup>	17,100 <sup>r</sup>	17,000 <sup>r</sup>	17,200	181,000
Brass and wire-rod mills	897,000	835,000 <sup>r</sup>	66,200	69,300	59,500	762,000

<sup>r</sup>Revised.

<sup>1</sup>Does not include: consumption by foundries, chemical plants, and miscellaneous manufacturers, estimated to total about 6,290 tons of scrap per month based on 2006 annual data; monthly data include estimates of about 11,200 tons of scrap per month consumed by ingot makers.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Includes composition turnings, silicon bronze, zinc bronze, railroad car boxes, cocks and faucets, gilding metal, and commercial bronze.

<sup>4</sup>Includes refinery brass, beryllium copper, phosphor copper, and aluminum bronze.

TABLE 11  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<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 <sup>5</sup>		LME <sup>6</sup>
2006:								
November	19,000	20,000	30,100	35,800	5,750	28,700	36,700	157,000
December	18,800	28,100	21,500	34,500	5,750	30,900	75,600	196,000
2007:								
January	24,700	26,700	28,200	10,000	5,750	32,600	94,300	198,000
February	22,300	15,400	28,600	11,600	5,750	37,000	94,500	193,000
March	24,400	12,900	26,600	11,300	5,750	33,100	84,600	174,000
April	26,000	8,210 <sup>r</sup>	23,000	10,900	5,750	30,100	70,400	148,000 <sup>r</sup>
May	27,000	6,270 <sup>r</sup>	13,600	10,900	5,750	24,700	55,200	116,000 <sup>r</sup>
June	33,500	6,960	22,300	10,000	5,750	20,100	40,000	105,000
July	29,900	5,160 <sup>r</sup>	32,900	11,800	5,750	19,600	28,400	104,000 <sup>r</sup>
August	30,100	8,680	28,400	10,900	5,750	18,800	30,300	103,000
September	28,900	16,600	21,200	10,700	5,750	18,200	29,200	102,000
October	21,500	12,500	22,700	10,400	5,750	17,300 <sup>r</sup>	37,200	106,000
November	22,300	15,600	18,000	10,600	5,750	16,300	46,400	113,000

<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>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 2006 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

<sup>5</sup>Comex Division of New York Mercantile Exchange, Inc., New York.

<sup>6</sup>London Metal Exchange Ltd., U.S. warehouses.

TABLE 12  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>  
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
2006:			
November	322.386	316.560	318.786
December	307.200	301.413	302.690
Year	314.751	308.935	304.850
2007:			
January	264.131	258.305	257.128
February	265.487	259.661	257.424
March	298.096	292.270	292.604
April	356.666	350.840	352.226
May	354.074	348.248	348.417
June	344.590	338.764	339.032
July	367.421	361.595	361.623
August	342.609	336.783	340.699
September	351.442	345.616	346.887
October	364.713	358.887	363.208
November	318.802	312.924	315.971
January-November	329.821	323.990	325.020

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

<sup>2</sup>Listed as "Comex high grade first position."

Sources: Platts Metals Week.

TABLE 13  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Cents per pound)

Month	Brass mills No. 1 scrap	Refiners No. 2 scrap	Dealers (New York)	
			No. 2 Scrap	Red brass turnings and borings
2006:				
November	298.18	272.48	216.50	126.85
December	286.97	266.36	206.50	121.56
Year	291.03	260.50	183.93	105.43
2007:				
January	248.57	234.19	175.12	111.86
February	253.42	240.42	172.92	111.95
March	286.66	270.32	184.41	119.36
April	340.88	312.00	222.31	137.05
May	340.82	308.82	235.64	143.59
June	330.79	298.90	228.40	142.24
July	345.07	298.90	243.17	147.00
August	319.17	273.07	246.85	148.87
September	330.63	295.74	240.66	146.53
October	343.52	305.57	252.63	150.74
November	286.82	290.89	274.94	145.90
January-November	311.49	284.44	225.19	136.83

Source: American Metal Market.

TABLE 14  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash, and precipitates			Blister and anodes			Refined		
	2007			2007			2007			2007		
	2006	October	January-October	2006	October	January-October	2006	October	January-October <sup>2</sup>	2006	October	January-October
Austria	--	--	--	--	--	--	--	--	--	1,510	--	--
Belgium	--	--	--	13	2	8	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	20,200	--	13,000
Canada	191	--	35	585	--	204	87,800	7,780	72,400	256,000	22,000	197,000
Chile	--	--	--	--	--	--	79,100	7,190	49,900	521,000	29,300	319,000
Finland	--	--	--	--	--	--	967	106	662	--	--	5
Germany	--	--	--	(3)	--	--	8	--	(3)	25,200	584	9,670
Japan	--	--	--	--	--	--	(3)	--	--	5,850	622	5,050
Kazakhstan	--	--	--	--	--	--	--	--	19	49,300	--	--
Mexico	--	--	--	22	--	--	2,810	596	5,530	28,800	140	50,200
Peru	--	14	40	--	--	--	--	--	--	158,000	14,100	118,000
Taiwan	--	--	--	1,170	60	855	--	--	--	--	--	5
Other	1	3	3	124	116	401	21	(3)	2	7,950	141	4,450
Total	192	17	78	1,910	178	1,470	171,000	15,700	129,000	1,070,000	66,900	717,000

-- Zero.

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

<sup>2</sup>Includes revisions to previous month (s) data.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, copper content)

Country or territory	Ore and concentrate			Matte, ash, and precipitates			Blister and anodes			Refined		
	2007			2007			2007			2007		
	2006 <sup>2</sup>	October	January - October <sup>3</sup>	2006	October	January - October	2006	October	January - October	2006	October	January - October
Australia	--	--	--	1,840	--	--	70	--	45	64	--	32
Belgium	--	--	25	75	--	13	461	38	232	--	--	213
Canada	23,300	246	4,810	71,600	4,900	55,800	4,410	599	2,470	81,500	463	8,790
China	37,000	2,020	36,100	6,360	33	68	388	--	437	11,000	4,600	19,400
Costa Rica	--	--	--	10	--	(4)	(4)	(4)	2	14	--	20
Germany	--	--	560	2	--	46	1,360	258	1,780	126	40	574
Hong Kong	--	--	--	6	--	--	3,920	179	1,920	66	--	70
India	5,200	--	--	3	--	--	171	7	187	5,090	809	7,360
Japan	19,200	--	16,800	2	--	--	812	1	445	(4)	--	--
Korea, Republic of	2,980	739	4,260	11	--	35	946	331	1,460	123	--	108
Mexico	20,000	--	4,560	13,800	--	--	337	1	26	5,230	841	4,360
Saudi Arabia	--	--	--	--	--	--	--	--	5	93	24	143
Singapore	--	--	--	44	10	45	421	24	158	11	--	7
Spain	104	--	16	--	--	--	253	--	60	59	--	273
Sweden	1	--	--	--	--	--	1,820	--	236	164	--	(4)
Taiwan	16	--	--	15	--	11	1,590	100	1,000	191	--	49
Other	52	(4)	3,650	1,810	--	83	1,980	120	2,430	2,330	346	3,110
Total	108,000	3,000	70,700	95,600	4,950	56,100	18,900	1,660	12,900	106,000	7,120	44,500

-- Zero.

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

<sup>2</sup>Data for 2006 adjusted by U.S. Geological Survey to reflect estimated copper content.

<sup>3</sup>Includes revisions to previous month (s) data..

<sup>4</sup>Less than ½ unit.

TABLE 16  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, gross weight)

Country or territory	Unalloyed			Alloyed		
	2007			2007		
	2006	October	January-October	2006	October	January-October
Brazil	--	--	--	261	--	98
Canada	7,740	1,050	7,670	43,900	3,200	27,500
China	1	--	6	597	--	42
Costa Rica	1,760	58	964	1,740	312	2,100
Germany	35	--	112	2	2	19
Guatemala	190	35	236	2,310	129	1,440
Honduras	1,700	150	1,160	821	55	587
Jamaica	364	46	402	167	22	330
Japan	104	--	39	32	--	40
Mexico	6,920	658	5,130	29,600	2,660	25,000
Nicaragua	874	24	607	443	8	337
Singapore	--	--	--	367	--	74
Taiwan	--	--	--	231	--	67
United Kingdom	183	--	100	646	28	594
Other	5,060	6,200	28,700	11,500	467	4,870
Total	24,900	8,220	45,100	92,600	6,880	63,100

-- 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 17  
SALIENT STATISTICS OF THE COPPER INDUSTRY IN THE UNITED STATES<sup>1</sup>

(Metric tons, gross weight)

Country or territory	Unalloyed							Alloyed					
	2006	2007						2006	2007				
		No. 1		No. 2		Other			Segregated		Unsegregated		
		October	January - October	October	January - October	October	January - October <sup>2</sup>		October	January- October	October	January- October <sup>2</sup>	
Belgium	1,380	60	1,460	21	525	40	354	12,700	126	962	1,300	11,700	
Canada	71,700	--	--	--	--	1,570	10,100	38,800	1,070	6,350	3,160	27,400	
China	247,000	2,310	21,500	13,100	109,000	5,870	52,900	257,000	11,200	82,800	27,400	252,000	
Germany	15,200	102	1,320	149	1,520	446	4,740	15,400	42	294	750	6,270	
Hong Kong	7,060	39	335	730	5,620	96	1,730	11,600	--	683	1,360	14,000	
India	1,600	--	37	--	--	2,640	13,200	10,700	762	6,700	225	2,290	
Japan	7,730	42	732	141	881	761	5,700	8,020	252	2,550	523	5,230	
Korea, Republic of	20,700	954	8,770	182	4,530	520	6,470	13,000	194	2,190	517	8,920	
Mexico	815	--	41	--	4	--	309	6,770	32	816	129	1,750	
Spain	386	20	78	237	934	--	--	9,340	23	23	1,570	12,500	
Taiwan	22,300	395	2,340	337	4,140	153	9,850	9,930	155	1,950	1,040	8,560	
Thailand	201	--	19	--	--	79	772	331	--	--	--	64	
United Kingdom	105	--	2	--	--	--	19	482	16	105	24	341	
Other	2,770	321	2,700	180	881	377	6,470	10,300	439	6,230	1,820	13,200	
Total	399,000	4,240	39,300	15,100	128,000	12,600	113,000	404,000	14,300	112,000	39,900	364,000	

-- Zero.

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

<sup>2</sup>Includes revisions to previous month (s) data.

Source: U.S. Census Bureau.