

Mineral Industry Surveys

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COPPER IN JULY 2012

Average daily mine production of copper in July declined slightly from the low level in June to its lowest level since April 2011. Smelter production and downstream electrolytic refined production, however, increased by 79% and 67%, respectively, to the highest levels of the year following restart of Kennecott Utah Copper Corp.'s Garfield, UT, smelter. (See Copper in April 2012.) Year-to-date smelter and electrolytic refinery production, however, were 17% and 12%, respectively, less than in the same period of 2011. Domestic inventories of refined copper continued their year-to-date downward trend, declining by about 12,000 metric tons (t), and were less than one-half the

inventories held at yearend 2011. Exports of refined copper, which had surged during the drawdown in inventories during the first half of 2012, moderated in July, falling to about 5,000 t from a monthly average of more than 22,000 t during the first half of 2012. Exports of refined copper during the first half of 2012 totaled 135,000 t, more than three times the exports for the full-year 2011. China, where net imports of refined copper rose by 80% in the first half of 2012, was the recipient of 73% of U.S. refined copper exports during this period. (See Copper in June 2012.)

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

(Metric tons, unless otherwise specified)

| | Source table ² | 2011 ^P | 2012 | | | |
|--|------------------------------|-------------------|---------|---------|---------|------------------|
| | | | May | June | July | January– July |
| Production: | | | | | | |
| Primary: | | | | | | |
| Mine, recoverable | (2) | 1,110,000 | 91,700 | 87,600 | 88,700 | 643,000 |
| Refinery: | | | | | | |
| Electrolytic, domestic and foreign | (4) | 545,000 | 34,400 | 29,600 | 49,400 | 266,000 |
| Electrowon | (4) | 449,000 | 39,900 | 36,200 | 37,200 | 271,000 |
| Total | (4) | 994,000 | 74,300 | 65,800 | 86,500 | 538,000 |
| Secondary recoverable copper: | | | | | | |
| Refineries | (5) | 37,300 | 2,940 | 3,030 | 2,810 | 21,100 |
| Ingot makers ³ | (5) | 71,500 | 5,960 | 5,960 | 5,960 | 41,700 |
| Brass and wire-rod mills | (5) | 571,000 | 48,200 | 47,400 | 46,200 | 338,000 |
| Foundries, etc. ³ | (5) | 46,000 | 3,830 | 3,830 | 3,830 | 26,800 |
| Smelter, total | (3) | 538,000 | 29,400 | 27,600 | 49,400 | 252,000 |
| Consumption: | | | | | | |
| Apparent | (8) | 1,710,000 | 138,000 | 148,000 | 160,000 | 1,040,000 |
| Refined (reported) | (7) | 1,750,000 | 153,000 | 151,000 | 143,000 | 1,050,000 |
| Purchased copper-base scrap | (9) | 924,000 | 77,400 | 76,500 | 74,300 | 543,000 |
| Stocks at end of period: | | | | | | |
| Total refined | (10) | 409,000 | 235,000 | 212,000 | 200,000 | 200,000 |
| Blister, etc. | (10) | 13,000 | 15,000 | 20,200 | 18,400 | 18,400 |
| Prices, U.S. producer cathode (cents per pound) ⁴ | (11) | 405.854 | 362.860 | 340.586 | 349.728 | 369.113 |
| Imports:⁵ | | | | | | |
| Ore and concentrate ⁶ | (13) | 15,100 | 6 | 25 | 4 | 4,450 |
| Refined | (13) | 670,000 | 52,400 | 57,200 | 53,400 | 351,000 |
| Exports:⁵ | | | | | | |
| Ore and concentrate ⁶ | (14) | 252,000 | 25,200 | 28,800 | 29,900 | 171,000 |
| Refined | (14) | 40,400 | 33,000 | 10,200 | 4,940 | 140,000 |

^PPreliminary. -- 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 2010 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 |
| 2011: ^P | | | | | | |
| July | 61,900 | 30,200 | 92,200 | 36,600 | 57,800 | 94,400 |
| August | 65,000 | 27,300 | 92,400 | 38,100 | 56,600 | 94,700 |
| September | 64,400 | 27,600 | 91,900 | 37,700 | 56,500 | 94,100 |
| October | 66,500 | 31,800 | 98,300 | 40,400 | 60,400 | 101,000 |
| November | 67,100 | 35,800 | 103,000 | 41,300 | 63,800 | 105,000 |
| December | 65,600 | 29,300 | 94,900 | 40,200 | 56,900 | 97,100 |
| January–December | 751,000 | 361,000 | 1,110,000 | 449,000 | 690,000 | 1,140,000 |
| 2012: | | | | | | |
| January | 62,800 | 29,600 | 92,300 | 39,200 | 55,200 | 94,400 |
| February | 64,500 | 27,900 | 92,500 | 39,100 | 55,600 | 94,700 |
| March | 65,700 | 27,100 | 92,800 | 40,900 | 54,000 | 94,900 |
| April | 64,500 | 32,600 | 97,100 | 38,900 | 60,500 | 99,400 |
| May | 65,000 | 26,700 | 91,700 | 39,900 | 54,000 | 93,900 |
| June | 56,500 | 31,100 | 87,600 | 36,200 | 53,400 | 89,600 |
| July | 60,700 | 28,000 | 88,700 | 37,200 | 53,700 | 90,800 |
| January–July | 440,000 | 203,000 | 643,000 | 271,000 | 386,000 | 658,000 |

^PPreliminary.

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 |
|--------------------|---------------------|
| 2011: ^P | |
| July | 44,100 |
| August | 41,100 |
| September | 49,500 |
| October | 51,900 |
| November | 47,900 |
| December | 45,600 |
| January–December | 538,000 |
| 2012: | |
| January | 44,800 |
| February | 36,800 |
| March | 29,500 |
| April | 34,100 |
| May | 29,400 |
| June | 27,600 |
| July | 49,400 |
| January–July | 252,000 |

^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 | | |
| 2011: ^P | | | | | |
| July | 39,600 | 36,600 | 76,200 | 3,030 | 79,200 |
| August | 38,400 | 38,100 | 76,500 | 3,200 | 79,700 |
| September | 53,000 | 37,700 | 90,600 | 3,010 | 93,600 |
| October | 46,200 | 40,400 | 86,500 | 3,110 | 89,600 |
| November | 50,700 | 41,300 | 92,100 | 3,010 | 95,100 |
| December | 53,700 | 40,200 | 93,800 | 2,630 | 96,500 |
| January–December | 545,000 | 449,000 | 994,000 | 37,300 | 1,030,000 |
| 2012: | | | | | |
| 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 | 38,900 | 71,300 | 2,950 | 74,200 |
| May | 34,400 | 39,900 | 74,300 | 2,940 | 77,300 |
| June | 29,600 | 36,200 | 65,800 | 3,030 | 68,800 |
| July | 49,400 | 37,200 | 86,500 | 2,810 | 89,300 |
| January–July | 266,000 | 271,000 | 538,000 | 21,100 | 559,000 |

^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 | |
| 2011: ^P | | | | | | | | | |
| July | 1,530 | 1,500 | 972 | 4,990 | 45,200 | 1,470 | 2,730 | 1,110 | 59,500 |
| August | 1,650 | 1,550 | 972 | 4,990 | 44,300 | 1,420 | 2,730 | 1,110 | 58,700 |
| September | 1,510 | 1,500 | 972 | 4,990 | 46,900 | 1,490 | 2,730 | 1,110 | 61,200 |
| October | 1,590 | 1,520 | 972 | 4,990 | 44,700 | 1,500 | 2,730 | 1,110 | 59,100 |
| November | 1,510 | 1,500 | 972 | 4,990 | 45,500 | 1,420 | 2,730 | 1,110 | 59,700 |
| December | 1,180 | 1,450 | 972 | 4,990 | 45,400 | 1,480 | 2,730 | 1,110 | 59,300 |
| January–December | 18,900 | 18,400 | 11,700 | 59,800 | 553,000 | 17,600 | 32,700 | 13,300 | 726,000 |
| 2012: | | | | | | | | | |
| January | 1,560 | 1,510 | 972 | 4,990 | 46,700 | 1,500 | 2,730 | 1,110 | 61,000 |
| February | 1,780 | 1,580 | 972 | 4,990 | 47,500 | 1,490 | 2,730 | 1,110 | 62,100 |
| March | 1,470 | 1,490 | 972 | 4,990 | 48,800 | 1,480 | 2,730 | 1,110 | 63,100 |
| April | 1,460 | 1,490 | 972 | 4,990 | 47,000 | 1,480 | 2,730 | 1,110 | 61,200 |
| May | 1,450 | 1,480 | 972 | 4,990 | 46,700 | 1,520 | 2,730 | 1,110 | 60,900 |
| June | 1,530 | 1,500 | 972 | 4,990 | 44,000 | 3,330 | 2,730 | 1,110 | 60,200 |
| July | 1,350 | 1,460 | 972 | 4,990 | 43,000 | 3,180 | 2,730 | 1,110 | 58,800 |
| January–July | 10,600 | 10,500 | 6,800 | 34,900 | 324,000 | 14,000 | 19,100 | 7,740 | 427,000 |

^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 2011 cumulative data estimated based on 2010 annual data.

⁴Does not include an estimate, based on reported 2010 data, of 2,510 tons per month from new scrap and 1,830 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 |
| 2011: ^P | | | | | | |
| July | 76,700 | 98,200 | 76,800 | 96,200 | 29,200 | 29,500 |
| August | 79,400 | 104,000 | 79,300 | 107,000 | 29,300 | 25,600 |
| September | 79,300 | 104,000 | 77,900 | 104,000 | 30,700 | 25,100 |
| October | 78,100 | 106,000 | 78,400 | 110,000 | 30,300 | 21,600 |
| November | 77,100 | 98,600 | 77,800 | 97,400 | 29,600 | 22,800 |
| December | 77,900 | 91,400 | 77,600 | 87,200 | 29,900 | 27,000 |
| January–December | 951,000 | 1,250,000 | 951,000 | 1,250,000 | 29,900 | 27,000 |
| 2012: | | | | | | |
| 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 | 21,700 |
| 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 |
| January–July | 559,000 | 765,000 | 558,000 | 771,000 | 30,500 | 21,700 |

^PPreliminary.

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 |
|-----------------------|-------------|----------------|---------------------------|-----------|
| 2011: ^P | | | | |
| July | 36,000 | 100,000 | 4,800 | 141,000 |
| August | 35,700 | 107,000 | 4,800 | 148,000 |
| September | 35,200 | 106,000 | 4,800 | 146,000 |
| October | 34,300 | 107,000 | 4,800 | 146,000 |
| November | 36,200 | 99,500 | 4,800 | 140,000 |
| December | 34,200 | 89,600 | 4,800 | 129,000 |
| January–December | 430,000 | 1,270,000 | 57,600 | 1,750,000 |
| 2012: | | | | |
| January | 35,800 | 111,000 | 4,800 | 152,000 |
| February | 35,600 | 106,000 | 4,800 | 146,000 |
| March | 36,100 | 117,000 | 4,800 | 158,000 |
| April | 36,200 | 102,000 | 4,800 | 143,000 |
| May | 34,900 | 113,000 | 4,800 | 153,000 |
| June | 36,200 | 110,000 | 4,800 | 151,000 |
| July: | | | | |
| Cathodes | 26,600 | 104,000 | 1,470 | 132,000 |
| Wire bars | -- | -- | W | W |
| Ingots and ingot bars | 1,240 | -- | 1,440 | 2,680 |
| Cakes and slabs | W | -- | W | W |
| Billets and other | 6,720 | -- | 1,900 | 8,620 |
| Total | 34,600 | 104,000 | 4,800 | 143,000 |
| January–July | 249,000 | 763,000 | 33,600 | 1,050,000 |

^PPreliminary. 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 2011 cumulative consumption data by ingot makers, chemical plants, foundries, and miscellaneous manufacturers is estimated based on 2010 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 |
|--------------------|---------------------------|----------------------------------|--------------------------------------|------------------------------|----------------------------|----------------------|
| 2011: ^P | | | | | | |
| July | 76,200 | 10,900 | 68,900 | 1,850 | 9,070 | 145,000 |
| August | 76,500 | 10,900 | 31,300 | 5,140 | 1,160 | 112,000 |
| September | 90,600 | 10,900 | 64,300 | 2,140 | 7,510 | 156,000 |
| October | 86,500 | 10,900 | 46,700 | 2,350 | 5,660 | 136,000 |
| November | 92,100 | 10,800 | 49,200 | 6,870 | 3,780 | 141,000 |
| December | 93,800 | 10,900 | 48,800 | 4,690 | 22,300 | 126,000 |
| January–December | 994,000 | 131,000 | 649,000 | 40,400 | 25,100 | 1,710,000 |
| 2012: | | | | | | |
| January | 85,400 | 10,900 | 37,500 | 9,610 | (16,000) | 140,000 |
| February | 79,000 | 11,000 | 50,400 | 18,300 | (35,200) | 157,000 |
| March | 75,500 | 10,900 | 46,800 | 26,000 | (48,300) | 155,000 |
| April | 71,300 | 10,900 | 51,300 | 37,900 | (41,500) | 137,000 |
| May | 74,300 | 10,900 | 52,400 | 33,000 | (32,900) | 138,000 |
| June | 65,800 | 12,800 | 56,900 | 10,200 | (22,600) | 148,000 |
| July | 86,500 | 12,600 | 53,400 | 4,940 | (12,100) | 160,000 |
| January–July | 538,000 | 80,000 | 349,000 | 140,000 | (209,000) | 1,040,000 |

^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 2010 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 | |
| 2011: ^P | | | | | | | | | |
| July | 1,570 | 1,550 | 2,880 | 6,440 | 55,900 | 1,520 | 4,020 | 1,490 | 75,400 |
| August | 1,720 | 1,580 | 2,880 | 6,440 | 54,900 | 1,430 | 4,020 | 1,490 | 74,400 |
| September | 1,560 | 1,540 | 2,880 | 6,440 | 58,200 | 1,540 | 4,020 | 1,490 | 77,600 |
| October | 1,640 | 1,560 | 2,880 | 6,440 | 56,000 | 1,560 | 4,020 | 1,490 | 75,600 |
| November | 1,560 | 1,540 | 2,880 | 6,440 | 56,600 | 1,430 | 4,020 | 1,490 | 76,000 |
| December | 1,250 | 1,460 | 2,880 | 6,440 | 56,800 | 1,540 | 4,020 | 1,490 | 75,900 |
| January–December | 19,700 | 18,700 | 34,500 | 77,200 | 689,000 | 18,200 | 48,200 | 17,900 | 924,000 |
| 2012: | | | | | | | | | |
| January | 1,600 | 1,560 | 2,330 | 6,980 | 58,000 | 1,570 | 4,020 | 1,490 | 77,600 |
| February | 1,850 | 1,610 | 2,330 | 6,980 | 59,300 | 1,560 | 4,020 | 1,490 | 79,100 |
| March | 1,520 | 1,530 | 2,330 | 6,980 | 60,900 | 1,530 | 4,020 | 1,490 | 80,300 |
| April | 1,510 | 1,530 | 2,330 | 6,980 | 58,300 | 1,530 | 4,020 | 1,490 | 77,700 |
| May | 1,500 | 1,530 | 2,330 | 6,980 | 58,000 | 1,600 | 4,020 | 1,490 | 77,400 |
| June | 1,570 | 1,550 | 2,330 | 6,980 | 55,100 | 3,470 | 4,020 | 1,490 | 76,500 |
| July | 1,390 | 1,500 | 2,330 | 6,980 | 53,300 | 3,280 | 4,020 | 1,490 | 74,300 |
| January–July | 10,900 | 10,800 | 16,300 | 48,900 | 403,000 | 14,500 | 28,100 | 10,400 | 543,000 |

^PPreliminary.

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

²Monthly data estimated from 2010 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 | | |
| 2011: ^P | | | | | | | | |
| July | 20,100 | 5,570 | 16,400 | 8,160 | 4,380 | 75,100 | 259,000 | 368,000 |
| August | 13,000 | 5,990 | 20,200 | 7,440 | 4,380 | 77,500 | 254,000 | 370,000 |
| September | 14,300 | 7,050 | 18,100 | 7,160 | 4,380 | 79,400 | 261,000 | 377,000 |
| October | 18,500 | 5,890 | 16,200 | 8,690 | 4,380 | 81,600 | 266,000 | 383,000 |
| November | 14,500 | 7,980 | 17,200 | 6,940 | 4,380 | 79,000 | 271,000 | 387,000 |
| December | 13,000 | 8,360 | 24,000 | 6,850 | 4,380 | 79,800 | 286,000 | 409,000 |
| 2012: | | | | | | | | |
| January | 10,900 | 8,020 | 26,400 | 7,210 | 4,380 | 80,800 | 266,000 | 393,000 |
| February | 14,200 | 4,360 | 26,900 | 7,160 | 4,380 | 83,100 | 232,000 | 358,000 |
| March | 16,500 | 3,410 | 19,500 | 6,790 | 4,380 | 78,500 | 197,000 | 309,000 |
| April | 19,200 | 4,370 | 14,200 | 6,450 | 4,380 | 69,000 | 170,000 | 268,000 |
| May | 15,000 | 4,740 | 21,700 | 6,410 | 4,380 | 54,200 | 144,000 | 235,000 |
| June | 20,200 | 4,400 | 17,300 | 6,580 | 4,380 | 48,400 | 131,000 | 212,000 |
| July | 18,400 | 4,870 | 18,900 | 7,220 | 4,380 | 43,700 | 121,000 | 200,000 |

^PPreliminary.

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 2010 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 |
|--------------|---|-----------------------------------|------------------------|
| 2011: | | | |
| July | 445.951 | 440.125 | 436.301 |
| August | 413.683 | 407.857 | 410.084 |
| September | 379.602 | 373.776 | 377.131 |
| October | 340.186 | 334.360 | 333.259 |
| November | 350.045 | 344.219 | 342.524 |
| December | 349.033 | 343.207 | 343.240 |
| Year | 405.854 | 400.050 | 399.790 |
| 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 |
| January–July | 369.113 | 363.287 | 363.575 |

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 |
| 2011: | | | | |
| July | 426.65 | 396.95 | 335.25 | 197.50 |
| August | 395.87 | 354.78 | 322.83 | 205.00 |
| September | 363.48 | 329.52 | 304.29 | 201.19 |
| October | 326.38 | 298.38 | 242.98 | 185.00 |
| November | 334.20 | 308.75 | 269.00 | 185.00 |
| December | 335.16 | 308.16 | 268.42 | 185.00 |
| Year | 389.12 | 350.72 | 301.67 | 188.28 |
| 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 |
| January–July | 355.87 | 323.71 | 290.55 | 195.19 |

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 | | |
|----------------------|---------------------|------|------------------|------------------------------|------|------------------|--------------------|------|------------------|---------|--------|------------------|
| | 2012 | | | 2012 | | | 2012 | | | 2012 | | |
| | 2011 | July | January– July | 2011 | July | January– July | 2011 | July | January– July | 2011 | July | January– July |
| Belgium | -- | -- | -- | 200 | -- | 73 | -- | -- | -- | 1 | -- | 6 |
| Canada | 8,430 | 4 | 48 | 239 | 20 | 147 | 2 | 2 | 11 | 138,000 | 8,530 | 69,200 |
| Chile | -- | -- | -- | -- | -- | -- | -- | -- | -- | 370,000 | 37,600 | 212,000 |
| China | -- | -- | -- | 79 | -- | 180 | (2) | -- | 1 | 203 | -- | 50 |
| Finland | -- | -- | -- | -- | -- | -- | 310 | 54 | 194 | (2) | -- | -- |
| Germany | -- | -- | 15 | 54 | -- | -- | (2) | -- | -- | 3,020 | 107 | 1,300 |
| Japan | -- | -- | -- | (2) | 1 | 1 | 16 | (2) | 7 | 5,540 | 279 | 2,960 |
| Mexico | 6,710 | -- | 4,380 | -- | 37 | 121 | -- | -- | -- | 97,100 | 6,410 | 55,800 |
| Netherlands | -- | -- | -- | 193 | 6 | 223 | 1 | -- | -- | (2) | -- | 6 |
| Peru | -- | -- | -- | -- | -- | -- | -- | -- | -- | 55,200 | 426 | 9,240 |
| Other | -- | -- | 9 | 218 | 19 | 74 | 142 | 19 | 135 | 884 | 37 | 233 |
| Total | 15,100 | 4 | 4,450 | 983 | 83 | 819 | 471 | 75 | 348 | 670,000 | 53,400 | 351,000 |

-- 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 | | |
|----------------------|---------------------|--------|------------------|------------------------------|-------|------------------|--------------------|-------|------------------|---------|-------|------------------|
| | 2012 | | | 2012 | | | 2012 | | | 2012 | | |
| | 2011 | July | January– July | 2011 | July | January– July | 2011 | July | January– July | 2011 | July | January– July |
| Canada | 14,300 | 963 | 7,800 | 35,900 | 3,170 | 19,700 | 4,440 | 268 | 1,630 | 3,980 | 28 | 285 |
| China | 97,000 | 15,000 | 56,500 | 1,190 | -- | 439 | 616 | 10 | 109 | 4,460 | 243 | 98,600 |
| Germany | 110 | -- | 34 | 402 | 19 | 223 | 911 | 20 | 259 | 81 | -- | 14 |
| Hong Kong | 17 | -- | -- | -- | -- | 4 | 1,150 | 198 | 987 | 19 | 2 | 75 |
| Italy | -- | -- | -- | -- | -- | -- | 176 | 2 | 109 | 1,480 | 1 | 45 |
| Japan | 22,000 | -- | 4,410 | 172 | -- | -- | 862 | 60 | 510 | 11 | 82 | 765 |
| Korea, Republic of | -- | (2) | 7,570 | -- | -- | -- | 761 | 130 | 537 | 104 | 76 | 76 |
| Mexico | 114,000 | 12,900 | 74,000 | -- | -- | -- | 255 | 7 | 103 | 27,800 | 4,480 | 38,400 |
| Singapore | -- | -- | -- | -- | -- | -- | 431 | 4 | 35 | -- | (2) | 3 |
| Spain | 6 | -- | -- | -- | -- | -- | 228 | -- | 90 | 1,040 | -- | 209 |
| Sweden | -- | -- | -- | -- | -- | -- | 2 | -- | 10 | 384 | -- | 531 |
| Switzerland | -- | -- | -- | -- | -- | -- | 21 | -- | 29 | 3 | -- | 3 |
| Taiwan | 1 | -- | 4 | -- | -- | -- | 799 | 494 | 2,650 | 7 | 1 | 4 |
| Other | 4,550 | 1,040 | 20,900 | 609 | -- | 97 | 3,610 | 243 | 1,620 | 1,050 | 26 | 825 |
| Total | 252,000 | 29,900 | 171,000 | 38,300 | 3,180 | 20,400 | 14,300 | 1,440 | 8,670 | 40,400 | 4,940 | 140,000 |

-- 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 | | |
|-------------------------|-----------|-------|------------------|---------|-------|------------------|
| | 2012 | | | 2012 | | |
| | 2011 | July | January– July | 2011 | July | January– July |
| Canada | 14,600 | 810 | 8,150 | 34,800 | 3,100 | 19,200 |
| Chile | 39 | -- | 33 | 403 | 20 | 148 |
| Costa Rica | 834 | 83 | 378 | 2,300 | 131 | 958 |
| Guatemala | 666 | 23 | 383 | 1,960 | 233 | 1,560 |
| Honduras | 47 | -- | 40 | 1,060 | 91 | 592 |
| Jamaica | 95 | -- | -- | 325 | -- | -- |
| Japan | 29 | -- | 10 | 33 | -- | -- |
| Mexico | 8,390 | 628 | 5,660 | 28,400 | 2,130 | 15,300 |
| Nicaragua | 1,080 | 41 | 582 | 968 | 66 | 471 |
| Other | 4,620 | 284 | 2,590 | 9,210 | 703 | 5,230 |
| Total | 30,400 | 1,870 | 17,800 | 79,400 | 6,480 | 43,500 |

-- 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 | | | | |
|----------------------|-----------|-------|------------------|--------|------------------|--------|------------------|---------|------------|------------------|--------------|------------------|
| | 2012 | | | | | | | 2012 | | | | |
| | 2011 | No. 1 | | No. 2 | | Other | | 2011 | Segregated | | Unsegregated | |
| | | July | January– July | July | January– July | July | January– July | | July | January– July | July | January– July |
| Belgium | 14,400 | 1,250 | 9,630 | 337 | 2,250 | 117 | 1,170 | 14,300 | 138 | 1,060 | 631 | 6,680 |
| Canada | 20,400 | -- | -- | -- | -- | 1,460 | 11,600 | 38,000 | 128 | 943 | 4,250 | 26,600 |
| China | 383,000 | 3,300 | 28,700 | 14,300 | 101,000 | 9,140 | 70,800 | 557,000 | 19,700 | 140,000 | 22,500 | 176,000 |
| Germany | 8,470 | 1,400 | 8,500 | 218 | 1,580 | 253 | 1,230 | 13,900 | 77 | 1,300 | 763 | 7,080 |
| Hong Kong | 5,970 | 10 | 332 | 424 | 1,910 | -- | 951 | 29,000 | 644 | 5,100 | 2,630 | 14,200 |
| India | 1,690 | 120 | 177 | 134 | 759 | -- | 52 | 12,200 | 472 | 5,260 | 98 | 501 |
| Japan | 8,810 | 177 | 1,600 | 143 | 996 | 441 | 3,610 | 7,480 | 77 | 2,550 | 270 | 1,220 |
| Korea, Republic of | 19,100 | 268 | 2,440 | 468 | 4,470 | 190 | 2,280 | 17,100 | 877 | 4,020 | 114 | 676 |
| Mexico | 3,150 | -- | 328 | -- | 14 | 831 | 3,120 | 7,000 | 62 | 373 | 513 | 2,850 |
| Spain | 5,170 | 59 | 1,290 | 200 | 1,570 | 129 | 232 | 11,600 | 63 | 651 | 376 | 4,210 |
| Taiwan | 4,170 | 82 | 452 | 217 | 1,230 | -- | 179 | 3,400 | 4 | 862 | 100 | 1,420 |
| Thailand | 491 | -- | 198 | -- | -- | 98 | 98 | 2,040 | 80 | 322 | -- | 18 |
| Other | 25,200 | 1,220 | 9,640 | 693 | 5,250 | 523 | 2,530 | 25,400 | 130 | 2,510 | 1,180 | 9,160 |
| Total | 501,000 | 7,890 | 63,300 | 17,100 | 121,000 | 13,200 | 97,800 | 739,000 | 22,400 | 165,000 | 33,500 | 251,000 |

-- Zero.

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

Source: U.S. Census Bureau.