

# Mineral Industry Surveys

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## COPPER IN APRIL 2006

Average daily mine production of copper in April was about 4% lower than production in March, according to data compiled by the U.S. Geological Survey. Production in April and production for the first 4 months of 2006 were also about 4% below that for the corresponding periods of 2005. Lower year-on-year production was attributable in part to optimization of mine production in favor of molybdenum at several mines that produce byproduct molybdenum. Smelter production and electrolytic production of refined copper for the first 4 months of the year increased by about 28% and 9%, respectively, compared with production during the first 4 months of 2005, principally owing to improved output at Kennecott Utah Copper Corp.'s Bingham Canyon refinery, where the company reported a 24% year-on-year increase for refined copper production in the first quarter of 2006 (Rio Tinto plc, 2006).

Imports for consumption of refined copper in the first quarter of 2006 rose by 72,000 metric tons (t) (31%) to 300,000 t, compared with those of the same period in 2005, while inventories of refined copper, which had fallen by about 8,000 t during the first quarter of 2005, rose by 43,000 t during the first quarter of 2006. At the end of March, inventories held in Comex warehouses were at their highest level since March 2005. According to U.S. Census Bureau data, exports of copper in concentrate in March were about 33,000 t, and exports for the first quarter of 2006 totaled 50,000 t, up from 22,000 t in the first quarter of 2005. Note, however, that these data have been submitted for verification to the U.S. Census Bureau owing to a significant discrepancy between the quantity and reported value of the concentrates exported.

Data released by the International Copper Study Group (ICSG) (2006) indicated a slight apparent production surplus for the first 4 months of 2006 of about 77,000 t. This compares with a production deficit of 126,000 t for the same period in 2005. Note that in its calculation of the refined copper balance, the ICSG does not take into account changes in China's State Reserves Bureau (SRB) stocks, which are unreported and which might affect the calculation of China's apparent consumption. The ICSG noted that market reports suggest that there may have been significant SRB stock releases during the first part of the

year. Such releases, if included, could result in a shift in the apparent balance from one of slight surplus to one of slight deficit.

Based on the reported ICSG data (2006), world refined copper use increased by about 2% during the first 4 months of 2006 compared with usage in the first 4 months of 2005. On a regional basis, refined copper use in the Americas declined by 1.2%, use in Europe increased by 6%, and use in Asia rose by a nominal 0.6%. On the supply side, while Chilean mine production of copper was up by 1.7% in the first 4 months of the year compared with that in the same period of 2005, world mine production of copper was down by 0.4% over the same comparative periods. Decreases in Indonesia (33%), Mexico (16%), the United States (4%), and Australia (2%) more than offset increases in other countries. In Indonesia, production at the Grasberg Mine fell far short of company expectations owing to abnormally high clay content in the ore, and production at the Batu Hijau Mine declined owing to pit instability and the milling of harder ore. Global mine capacity utilization decreased to an average of 85% from an average of 88% for the same period of 2005.

### Update

Copper prices trended sharply upward in May, the Comex spot price reaching an all-time high of \$4.08 per pound on May 23, and averaging \$3.76 per pound for the month. The price reversed course in June, dipping to as low as \$3.10 per pound on June 13, and averaged \$3.40 for the month. Prices resumed their upward trend in the first one-half of July, averaging \$3.71 per pound through July 14.

On June 26, Phelps Dodge Corp. (Phoenix, AZ), Inco Ltd. (Toronto, Ontario, Canada), and Falconbridge Ltd. (Toronto, Ontario, Canada) announced an agreement to combine their assets to become Phelps Dodge Inco Corporation. The corporate and copper division headquarters of the new company would be in Phoenix, while the nickel division would be headquartered in Toronto. Under terms of the transaction, which is subject to regulatory approval, Inco would first acquire Falconbridge, and then Phelps Dodge would acquire all of the

outstanding common shares of Inco. If the merger is consummated, their combined assets would make it the world's largest publicly traded copper producer. The combined 2005 production of the three companies totaled 1.54 million metric tons of copper (Phelps Dodge Corp., 2006).

## **References Cited**

- International Copper Study Group, 2006, Copper—Preliminary data for April 2006: Lisbon, Portugal, International Copper Study Group press release, July 17, 1 p.
- Phelps Dodge Corp., 2006, Phelps Dodge, Inco and Falconbridge agree to US\$56 billion three-way combination, creating one of world's largest mining companies: Phoenix, AZ, Phelps Dodge Corp., press release, June 26, 7 p.
- Rio Tinto plc, 2006, First quarter 2006 operations review: London, England, Rio Tinto plc news release, April 20, 4 p.

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

(Metric tons, unless otherwise specified)

|  | Source<br>table <sup>2</sup> | 2005 <sup>p</sup> | 2006                 |         |                    |
|--|------------------------------|-------------------|----------------------|---------|--------------------|
|  |                              |                   | March                | April   | January -<br>April |
| <b>Production:</b>                                   |                              |                   |                      |         |                    |
| <b>Primary:</b>                                      |                              |                   |                      |         |                    |
| Mine, recoverable                                    | (2)                          | 1,140,000         | 104,000              | 97,300  | 382,000            |
| <b>Refinery:</b>                                     |                              |                   |                      |         |                    |
| <b>Electrolytic:</b>                                 |                              |                   |                      |         |                    |
| Domestic and foreign                                 | (4)                          | 654,000           | 67,000               | 60,300  | 238,000            |
| Electrowon   | (4)                          | 555,000           | 45,300 <sup>r</sup>  | 44,400  | 172,000            |
| Total  | (4)                          | 1,210,000         | 112,000 <sup>r</sup> | 105,000 | 410,000            |
| <b>Secondary recoverable copper:</b>                 |                              |                   |                      |         |                    |
| Refineries   | (5)                          | 47,100            | 3,770                | 3,700   | 15,000             |
| Ingot makers <sup>3</sup>                            | (5)                          | 89,500            | 7,460                | 7,460   | 29,800             |
| Brass and wire-rod mills                             | (5)                          | 697,000           | 61,400 <sup>r</sup>  | 60,900  | 244,000            |
| Foundries, etc. <sup>3</sup>                         | (5)                          | 58,400            | 4,870                | 4,870   | 19,500             |
| Smelter, total                                       | (3)                          | 523,000           | 55,400               | 49,200  | 213,000            |
| <b>Consumption:</b>                                  |                              |                   |                      |         |                    |
| Apparent   | (8)                          | 2,590,000         | 195,000              | NA      | NA                 |
| Refined (reported)                                   | (7)                          | 2,270,000         | 176,000 <sup>r</sup> | 181,000 | 724,000            |
| Purchased copper-base scrap                          | (9)                          | 1,140,000         | 98,800 <sup>r</sup>  | 96,200  | 391,000            |
| <b>Stocks at end of period:</b>                      |                              |                   |                      |         |                    |
| Total refined  | (11)                         | 66,700            | 110,000              | 92,100  | XX                 |
| Blister, etc.  | (11)                         | 44,300            | 14,800               | 17,200  | XX                 |
| <b>Prices:</b>                                       |                              |                   |                      |         |                    |
| U.S. producer cathode (cents per pound) <sup>4</sup> | (12)                         | 173.493           | 238.235              | 302.679 | 248.955            |
| <b>Imports:<sup>5</sup></b>                          |                              |                   |                      |         |                    |
| Ores and concentrates <sup>6</sup>                   | (14)                         | 223               | 1                    | NA      | NA                 |
| Refined  | (14)                         | 1,000,000         | 80,100               | NA      | NA                 |
| <b>Exports:<sup>5</sup></b>                          |                              |                   |                      |         |                    |
| Ores and concentrates <sup>6</sup>                   | (15)                         | 137,000           | 32,800               | NA      | NA                 |
| Refined  | (15)                         | 39,500            | 6,780                | NA      | NA                 |

<sup>p</sup>Preliminary. <sup>r</sup>Revised. NA Not available. XX Not applicable. -- Zero.

<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 and 2005 cumulative data estimated based on 2004 monthly average.

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

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

<sup>6</sup>Copper content.

TABLE 2  
MINE PRODUCTION OF RECOVERABLE COPPER 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                |
| 2005: <sup>p</sup> |                      |                      |           |                  |                           |                      |
| January - April    | 237,000 <sup>r</sup> | 159,000 <sup>r</sup> | 396,000   | 178,000          | 224,000 <sup>r</sup>      | 403,000 <sup>r</sup> |
| April              | 62,000               | 39,000               | 101,000   | 47,700           | 55,000                    | 103,000              |
| May                | 65,300               | 38,100               | 103,000   | 48,800           | 56,400                    | 105,000              |
| June               | 61,700               | 36,000               | 97,700    | 48,100           | 51,100                    | 99,200               |
| July               | 54,400               | 35,800               | 90,200    | 46,600           | 44,700                    | 91,400               |
| August             | 55,200               | 33,800               | 89,000    | 47,300           | 42,900                    | 90,200               |
| September          | 53,500               | 39,200               | 92,700    | 46,300           | 47,700                    | 94,000               |
| October            | 53,400               | 35,200               | 88,600    | 45,200           | 44,500                    | 89,800               |
| November           | 53,300               | 33,200               | 86,500    | 46,200           | 41,500                    | 87,700               |
| December           | 57,400               | 38,300               | 95,700    | 47,800           | 49,200                    | 97,000               |
| Year               | 691,000              | 449,000              | 1,140,000 | 555,000          | 602,000                   | 1,160,000            |
| 2006:              |                      |                      |           |                  |                           |                      |
| January            | 56,200               | 36,600               | 92,800    | 43,000           | 51,300                    | 94,300               |
| February           | 53,000               | 34,300               | 87,300    | 39,600           | 49,100                    | 88,700               |
| March              | 60,600               | 43,600               | 104,000   | 45,300           | 60,600                    | 106,000              |
| April              | 59,200               | 38,100               | 97,300    | 44,500           | 54,400                    | 98,800               |
| January - April    | 229,000              | 153,000              | 382,000   | 172,000          | 215,000                   | 388,000              |

<sup>p</sup>Preliminary. <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>Includes production from Alaska, Idaho, Missouri, Montana, Nevada, New Mexico, and Utah.

<sup>3</sup>Includes copper content of precipitates and other metal concentrates.

TABLE 3  
COPPER PRODUCED AT SMELTERS IN  
THE UNITED STATES, BY SOURCE<sup>1,2</sup>

(Metric tons, copper content)

| Period             | Anode<br>production  |
|--------------------|----------------------|
| 2005: <sup>p</sup> |                      |
| January - April    | 166,000 <sup>r</sup> |
| April              | 49,700               |
| May                | 36,900               |
| June               | 44,100               |
| July               | 36,500               |
| August             | 49,300               |
| September          | 48,500               |
| October            | 51,800               |
| November           | 47,500               |
| December           | 42,200               |
| January - December | 523,000              |
| 2006:              |                      |
| January            | 54,100               |
| February           | 54,600               |
| March              | 55,400               |
| April              | 49,200               |
| January - April    | 213,000              |

<sup>p</sup>Preliminary. <sup>r</sup>Revised.

<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  
PRODUCTION OF REFINED COPPER, BY SOURCE AND METHOD OF RECOVERY<sup>1</sup>

(Metric tons)

| Period             | Primary materials                     |            |                      | Scrap  | Total refined        |
|--------------------|---------------------------------------|------------|----------------------|--------|----------------------|
|                    | Electrolytically refined <sup>2</sup> | Electrowon | Total                |        |                      |
| 2005: <sup>p</sup> |                                       |            |                      |        |                      |
| January - April    | 218,000                               | 178,000    | 396,000 <sup>r</sup> | 17,100 | 413,000 <sup>r</sup> |
| April              | 53,100                                | 47,700     | 101,000              | 4,160  | 105,000              |
| May                | 56,100                                | 48,800     | 105,000              | 3,750  | 109,000              |
| June               | 49,100                                | 48,100     | 97,200               | 3,620  | 101,000              |
| July               | 49,500                                | 46,600     | 96,200               | 3,940  | 100,000              |
| August             | 51,200                                | 47,300     | 98,500               | 3,590  | 102,000              |
| September          | 52,900                                | 46,300     | 99,200               | 3,630  | 103,000              |
| October            | 55,600                                | 45,200     | 101,000              | 3,780  | 105,000              |
| November           | 58,700                                | 46,200     | 105,000              | 3,760  | 109,000              |
| December           | 63,100                                | 47,800     | 111,000              | 3,880  | 115,000              |
| Year               | 654,000                               | 555,000    | 1,210,000            | 47,100 | 1,260,000            |
| 2006:              |                                       |            |                      |        |                      |
| January            | 53,000                                | 43,000     | 96,000               | 3,820  | 99,900               |
| February           | 57,300                                | 39,600     | 96,900               | 3,720  | 101,000              |
| March              | 67,000                                | 45,300     | 112,000              | 3,770  | 116,000              |
| April              | 60,300                                | 44,400     | 105,000              | 3,700  | 108,000              |
| January - April    | 238,000                               | 172,000    | 410,000              | 15,000 | 425,000              |

<sup>p</sup>Preliminary. <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  
COPPER RECOVERABLE IN UNALLOYED AND ALLOYED FORM FROM PURCHASED COPPER-BASE SCRAP<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           |                      |
| 2005: <sup>p</sup> |                         |           |                           |                     |                          |           |                              |                     |                      |
| January - April    | 5,340                   | 11,800    | 8,560 <sup>r</sup>        | 21,300 <sup>r</sup> | 223,000                  | 12,100    | 8,160 <sup>r</sup>           | 11,300 <sup>r</sup> | 302,000 <sup>r</sup> |
| April              | 1,340                   | 2,820     | 2,140                     | 5,320               | 54,200                   | 3,220     | 2,040                        | 2,830               | 73,900               |
| May                | 1,340                   | 2,410     | 2,140                     | 5,320               | 54,100                   | 2,550     | 2,040                        | 2,830               | 72,800               |
| June               | 1,340                   | 2,280     | 2,140                     | 5,320               | 54,500                   | 2,380     | 2,040                        | 2,830               | 72,900               |
| July               | 1,340                   | 2,610     | 2,140                     | 5,320               | 51,000                   | 2,840     | 2,040                        | 2,830               | 70,100               |
| August             | 1,340                   | 2,260     | 2,140                     | 5,320               | 56,400                   | 2,840     | 2,040                        | 2,830               | 75,200               |
| September          | 1,340                   | 2,300     | 2,140                     | 5,320               | 56,800                   | 2,810     | 2,040                        | 2,830               | 75,600               |
| October            | 1,340                   | 2,450     | 2,140                     | 5,320               | 59,000                   | 1,410     | 2,040                        | 2,830               | 76,500               |
| November           | 1,340                   | 2,420     | 2,140                     | 5,320               | 57,300                   | 1,410     | 2,040                        | 2,830               | 74,800               |
| December           | 1,340                   | 2,550     | 2,140                     | 5,320               | 54,500                   | 1,490     | 2,040                        | 2,830               | 72,200               |
| Year               | 16,000                  | 31,000    | 25,700                    | 63,800              | 667,000                  | 29,800    | 24,500                       | 33,900              | 892,000              |
| 2006:              |                         |           |                           |                     |                          |           |                              |                     |                      |
| January            | 1,340                   | 2,480     | 2,140                     | 5,320               | 62,500                   | 1,460     | 2,040                        | 2,830               | 80,100               |
| February           | 1,340                   | 2,370     | 2,140                     | 5,320               | 57,700                   | 496       | 2,040                        | 2,830               | 74,200               |
| March              | 1,340                   | 2,430     | 2,140                     | 5,320               | 59,800 <sup>r</sup>      | 1,560     | 2,040                        | 2,830               | 77,500               |
| April              | 1,340                   | 2,370     | 2,140                     | 5,320               | 59,900                   | 1,060     | 2,040                        | 2,830               | 77,000               |
| January - April    | 5,340                   | 9,650     | 8,560                     | 21,300              | 240,000                  | 4,570     | 8,160                        | 11,300              | 309,000              |

<sup>p</sup>Preliminary. <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 2005 cumulative data estimated based on 2004 annual data.

<sup>4</sup>Does not include an estimate, based on reported 2004 data of 3,096 tons per month from new scrap and 2,016 tons per month of copper recovered from scrap other than copper-base.

TABLE 6  
PRODUCTION, SHIPMENTS, AND STOCKS OF BRASS AND WIRE-ROD SEMIFABRICATES<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 |
| 2005: <sup>p</sup> |             |                |             |                |                       |                |
| January - April    | 448,000     | 553,000        | 453,000     | 562,000        | XX                    | XX             |
| April              | 109,000     | 143,000        | 112,000     | 141,000        | 50,200                | 22,000         |
| May                | 111,000     | 145,000        | 110,000     | 143,000        | 51,400                | 23,500         |
| June               | 115,000     | 145,000        | 116,000     | 145,000        | 50,300                | 23,100         |
| July               | 109,000     | 148,000        | 113,000     | 140,000        | 46,100                | 31,000         |
| August             | 123,000     | 147,000        | 123,000     | 152,000        | 46,200                | 25,600         |
| September          | 122,000     | 155,000        | 122,000     | 155,000        | 45,300                | 24,800         |
| October            | 125,000     | 143,000        | 124,000     | 140,000        | 45,900                | 26,700         |
| November           | 118,000     | 134,000        | 119,000     | 136,000        | 44,900                | 25,400         |
| December           | 104,000     | 125,000        | 101,000     | 123,000        | 47,900                | 27,600         |
| Year               | 1,370,000   | 1,690,000      | 1,380,000   | 1,700,000      | XX                    | XX             |
| 2006:              |             |                |             |                |                       |                |
| January            | 112,000     | 146,000        | 111,000     | 145,000        | 48,800 <sup>r</sup>   | 28,100         |
| February           | 114,000     | 131,000        | 114,000     | 133,000        | 48,500 <sup>r</sup>   | 24,400         |
| March <sup>r</sup> | 117,000     | 138,000        | 118,000     | 137,000        | 49,900                | 25,700         |
| April              | 115,000     | 132,000        | 115,000     | 135,000        | 49,300                | 25,200         |
| January - April    | 458,000     | 547,000        | 459,000     | 549,000        | XX                    | XX             |

<sup>p</sup>Preliminary. <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  
CONSUMPTION OF REFINED COPPER<sup>1</sup>

(Metric tons)

| Period and item       | Brass mills | Wire-rod mills       | Other plants <sup>2</sup> | Total                |
|-----------------------|-------------|----------------------|---------------------------|----------------------|
| 2005: <sup>p</sup>    |             |                      |                           |                      |
| January - April       | 175,000     | 551,000              | 20,600                    | 747,000              |
| April                 | 41,500      | 143,000              | 5,160                     | 190,000              |
| May                   | 43,000      | 132,000              | 5,160                     | 180,000              |
| June                  | 46,200      | 141,000              | 5,160                     | 192,000              |
| July                  | 42,100      | 146,000              | 5,160                     | 193,000              |
| August                | 45,900      | 151,000              | 5,160                     | 202,000              |
| September             | 45,300      | 154,000              | 5,160                     | 204,000              |
| October               | 46,200      | 144,000              | 5,160                     | 195,000              |
| November              | 42,900      | 135,000              | 5,160                     | 183,000              |
| December              | 41,200      | 122,000              | 5,160                     | 168,000              |
| Year                  | 528,000     | 1,680,000            | 61,900                    | 2,270,000            |
| 2006:                 |             |                      |                           |                      |
| January               | 43,900      | 144,000              | 5,160                     | 193,000              |
| February              | 42,200      | 127,000              | 5,160                     | 175,000              |
| March                 | 43,700      | 127,000 <sup>r</sup> | 5,160                     | 176,000 <sup>r</sup> |
| April:                |             |                      |                           |                      |
| Cathodes              | 28,900      | 133,000              | 954                       | 162,000              |
| Wire bars             | --          | --                   | (3)                       | (3)                  |
| Ingots and ingot bars | 2,020       | --                   | 2,130                     | 4,150                |
| Cakes and slabs       | (3)         | --                   | (3)                       | (3)                  |
| Billets and other     | 12,000      | --                   | 2,080                     | 14,000               |
| Total                 | 42,800      | 133,000              | 5,160                     | 181,000              |
| January - April       | 173,000     | 530,000              | 20,600                    | 724,000              |

<sup>p</sup>Preliminary. <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 2004 annual data.

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

TABLE 8  
U.S. APPARENT CONSUMPTION OF COPPER<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   |
|--------------------|---------------------------|----------------------------------|--------------------------------------|------------------------------|----------------------------|------------------------|
| 2005: <sup>P</sup> |                           |                                  |                                      |                              |                            |                        |
| January - April    | 396,000                   | 69,500                           | 280,000                              | 12,400                       | (11,900)                   | 745,000                |
| April              | 101,000                   | 17,400                           | 63,300                               | 1,900                        | (4,560)                    | 184,000                |
| May                | 105,000                   | 16,400                           | 101,000                              | 7,240                        | (12,000)                   | 227,000                |
| June               | 97,200                    | 16,100                           | 64,100                               | 4,270                        | (11,700)                   | 185,000                |
| July               | 96,200                    | 16,900                           | 75,500                               | 3,010                        | (9,110)                    | 195,000                |
| August             | 98,500                    | 16,500                           | 76,900                               | 2,650                        | (11,000)                   | 200,000                |
| September          | 99,200                    | 16,500                           | 79,400                               | 1,800                        | (10,700)                   | 204,000                |
| October            | 101,000                   | 15,300                           | 99,100                               | 3,350                        | (4,470)                    | 216,000                |
| November           | 105,000                   | 15,200                           | 99,700                               | 1,760                        | (4,780)                    | 223,000                |
| December           | 111,000                   | 14,600                           | 102,000                              | 3,020                        | 5,820                      | 219,000                |
| Year               | 1,210,000                 | 197,000                          | 977,000                              | 39,500                       | (69,800)                   | 2,410,000 <sup>r</sup> |
| 2006:              |                           |                                  |                                      |                              |                            |                        |
| January            | 96,000                    | 13,100                           | 111,000                              | 5,600                        | 16,200                     | 199,000                |
| February           | 96,900                    | 12,000                           | 108,000                              | 7,320                        | 22,900                     | 187,000                |
| March              | 112,000                   | 13,300                           | 80,100                               | 6,780                        | 4,100                      | 195,000                |
| April              | 105,000                   | 12,600                           | NA                                   | NA                           | (17,700)                   | NA                     |
| January - April    | 410,000                   | 51,000                           | NA                                   | NA                           | 25,400                     | NA                     |

<sup>P</sup>Preliminary. 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 2004 data.

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

TABLE 9  
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP<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           |                      |
| 2005: <sup>P</sup> |                         |                     |                           |                     |                                       |           |                              |                     |                      |
| January - April    | 5,400                   | 13,000 <sup>r</sup> | 13,400 <sup>r</sup>       | 30,600 <sup>r</sup> | 282,000                               | 12,700    | 14,200 <sup>r</sup>          | 12,700 <sup>r</sup> | 384,000 <sup>r</sup> |
| April              | 1,350                   | 3,130               | 3,350                     | 7,640               | 68,400                                | 3,370     | 3,550                        | 3,180               | 94,000               |
| May                | 1,350                   | 2,720               | 3,350                     | 7,640               | 68,600                                | 2,710     | 3,550                        | 3,180               | 93,100               |
| June               | 1,350                   | 2,590               | 3,350                     | 7,640               | 70,200                                | 2,550     | 3,550                        | 3,180               | 94,400               |
| July               | 1,350                   | 2,920               | 3,350                     | 7,640               | 64,300                                | 2,980     | 3,550                        | 3,180               | 89,300               |
| August             | 1,350                   | 2,560               | 3,350                     | 7,640               | 71,400                                | 2,980     | 3,550                        | 3,180               | 96,000               |
| September          | 1,350                   | 2,700               | 3,350                     | 7,640               | 71,700                                | 2,990     | 3,550                        | 3,180               | 96,500               |
| October            | 1,350                   | 2,660               | 3,350                     | 7,640               | 74,100                                | 1,550     | 3,550                        | 3,180               | 97,300               |
| November           | 1,350                   | 2,860               | 3,350                     | 7,640               | 71,600                                | 1,530     | 3,550                        | 3,180               | 95,000               |
| December           | 1,350                   | 2,850               | 3,350                     | 7,640               | 68,000                                | 1,640     | 3,550                        | 3,180               | 91,500               |
| Year               | 16,200                  | 34,900              | 40,200                    | 91,700              | 842,000                               | 31,600    | 42,600                       | 38,200              | 1,140,000            |
| 2006:              |                         |                     |                           |                     |                                       |           |                              |                     |                      |
| January            | 1,350                   | 2,790               | 3,350                     | 7,640               | 78,300                                | 1,590     | 3,550                        | 3,180               | 102,000              |
| February           | 1,350                   | 2,390               | 3,350                     | 7,640               | 72,300                                | 659       | 3,550                        | 3,180               | 94,400               |
| March              | 1,350                   | 2,390               | 3,350                     | 7,640               | 75,600 <sup>r</sup>                   | 1,730     | 3,550                        | 3,180               | 98,800 <sup>r</sup>  |
| April              | 1,350                   | 1,390               | 3,350                     | 7,640               | 74,700                                | 1,070     | 3,550                        | 3,180               | 96,200               |
| January - April    | 5,400                   | 8,940               | 13,400                    | 30,600              | 301,000                               | 5,050     | 14,200                       | 12,700              | 391,000              |

<sup>P</sup>Preliminary. <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>Monthly data and 2005 cumulative data estimated from 2004 annual data.

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

TABLE 10  
CONSUMPTION OF PURCHASED COPPER-BASE SCRAP<sup>1,2</sup>

(Metric tons, gross weight)

| Scrap type and processor              | 2005 <sup>p</sup>    |         | 2006                |                     |        |                 |
|---------------------------------------|----------------------|---------|---------------------|---------------------|--------|-----------------|
|                                       | January - April      | Year    | February            | March               | April  | January - April |
| <b>No. 1 wire and heavy:</b>          |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 19,500 <sup>r</sup>  | 58,900  | 5,240               | 5,240               | 5,240  | 21,000          |
| Brass and wire-rod mills              | 129,000              | 382,000 | 31,900              | 31,500              | 33,900 | 133,000         |
| <b>No. 2 mixed heavy and light:</b>   |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 9,890 <sup>r</sup>   | 25,200  | 1,540               | 1,590               | 1,520  | 6,270           |
| Brass and wire-rod mills              | 1,880                | 5,260   | 432                 | 1,680               | 1,260  | 3,970           |
| <b>Total unalloyed scrap:</b>         |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 29,400 <sup>r</sup>  | 84,100  | 6,780               | 6,830               | 6,760  | 27,300          |
| Brass and wire-rod mills              | 131,000              | 387,000 | 32,400              | 33,200              | 35,200 | 137,000         |
| <b>Red brass:<sup>3</sup></b>         |                      |         |                     |                     |        |                 |
| All plants                            | 13,100 <sup>r</sup>  | 40,700  | 3,380               | 3,430               | 3,440  | 13,700          |
| <b>Leaded yellow brass:</b>           |                      |         |                     |                     |        |                 |
| All plants                            | 63,700               | 191,000 | 17,000              | 17,500              | 15,500 | 65,500          |
| <b>Yellow and low brass:</b>          |                      |         |                     |                     |        |                 |
| All plants                            | 60,100 <sup>r</sup>  | 175,000 | 13,500              | 15,200 <sup>r</sup> | 15,000 | 61,200          |
| <b>Cartridge cases and brass:</b>     |                      |         |                     |                     |        |                 |
| All plants                            | 31,800               | 94,500  | 7,930               | 8,550               | 7,710  | 32,400          |
| <b>Auto radiators:</b>                |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 8,320 <sup>r</sup>   | 25,000  | 2,080               | 2,080               | 2,080  | 8,320           |
| <b>Bronzes:</b>                       |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 3,700 <sup>r</sup>   | 11,100  | 925                 | 925                 | 925    | 3,700           |
| Brass mills                           | 1,800 <sup>r</sup>   | 5,790   | 530                 | 692                 | 614    | 2,680           |
| <b>Nickel-copper alloys:</b>          |                      |         |                     |                     |        |                 |
| All plants                            | 6,310 <sup>r</sup>   | 18,200  | 1,530               | 1,960               | 1,610  | 6,660           |
| <b>Low grade and residues:</b>        |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 11,800 <sup>r</sup>  | 35,300  | 2,940               | 2,940               | 2,940  | 11,800          |
| <b>Other alloy scrap:<sup>4</sup></b> |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 376 <sup>r</sup>     | 1,130   | 94                  | 94                  | 94     | 376             |
| Brass mills                           | 2,000 <sup>r</sup>   | 6,000   | 500 <sup>r</sup>    | 500 <sup>r</sup>    | 500    | 2,000           |
| <b>Total alloyed scrap:</b>           |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 38,400 <sup>r</sup>  | 115,000 | 9,590               | 9,590               | 9,590  | 38,400          |
| Brass mills                           | 165,000 <sup>r</sup> | 488,000 | 40,700 <sup>r</sup> | 44,300 <sup>r</sup> | 40,800 | 170,000         |
| <b>Total scrap:</b>                   |                      |         |                     |                     |        |                 |
| Smelters and refiners                 | 67,800 <sup>r</sup>  | 199,000 | 16,400              | 16,400              | 16,400 | 65,600          |
| Brass and wire-rod mills              | 296,000 <sup>r</sup> | 876,000 | 73,100 <sup>r</sup> | 77,500 <sup>r</sup> | 75,900 | 307,000         |

<sup>p</sup>Preliminary. <sup>r</sup>Revised.

<sup>1</sup>Does not include: consumption by foundries, chemical plants, and miscellaneous manufacturers, estimated to total about 6,730 tons of scrap per month based on 2004 annual data; monthly data include estimates of about 11,000 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, zincy 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  
COPPER STOCKS AT END OF PERIOD<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> |
| 2005: <sup>p</sup> |                           |                         |                             |                          |                    |                    |               |                  |
| April              | 42,500                    | 8,200                   | 31,100                      | 20,300                   | 5,750              | 27,300             | 32,100        | 125,000          |
| May                | 38,200                    | 9,680                   | 29,600                      | 19,300                   | 5,750              | 20,200             | 28,200        | 113,000          |
| June               | 45,200                    | 5,810                   | 32,600                      | 20,600                   | 5,750              | 13,900             | 22,400        | 101,000          |
| July               | 33,300                    | 8,330                   | 29,800                      | 19,900                   | 5,750              | 9,970              | 18,200        | 91,900           |
| August             | 43,800                    | 5,550                   | 28,600                      | 20,700                   | 5,750              | 8,420              | 11,900        | 80,900           |
| September          | 54,800                    | 5,960                   | 20,700                      | 20,800                   | 5,750              | 6,910              | 10,000        | 70,200           |
| October            | 50,900                    | 6,640                   | 17,200                      | 21,900                   | 5,750              | 3,350              | 10,800        | 65,700           |
| November           | 42,900                    | 6,210                   | 18,400                      | 23,400                   | 5,750              | 3,340              | 3,830         | 60,900           |
| December           | 44,300                    | 8,200                   | 21,300                      | 24,500                   | 5,750              | 6,180              | 800           | 66,700           |
| 2006:              |                           |                         |                             |                          |                    |                    |               |                  |
| January            | 17,300                    | 11,300                  | 27,400                      | 27,900                   | 5,750              | 10,600             | 25            | 82,900           |
| February           | 21,700                    | 14,100                  | 28,200                      | 30,100                   | 5,750              | 27,600             | --            | 106,000          |
| March              | 14,800                    | 13,300                  | 28,600                      | 28,300                   | 5,750              | 32,000             | 1,880         | 110,000          |
| April              | 17,200                    | 9,480                   | 28,600                      | 31,700                   | 5,750              | 15,500             | 1,080         | 92,100           |

<sup>p</sup>Preliminary. -- Zero.

<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 other materials in transit and in process of refining.

<sup>3</sup>Stocks of refined copper as reported; no estimates are made for nonrespondents.

<sup>4</sup>Monthly estimates based on reported and 2004 annual data, comprising stocks at ingot makers, chemical plants, foundries, and miscellaneous manufacturers.

<sup>5</sup>Commodity Exchange Inc., New York.

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

TABLE 12  
AVERAGE PRICE OF COPPER IN THE UNITED STATES  
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 |
|-----------------|---|-----------------------------------|------------------------|
| 2005:           |   |                                   |                        |
| March           | 153.946   | 148.680                           | 153.268                |
| April           | 154.606   | 149.340                           | 153.938                |
| May             | 153.256   | 147.990                           | 147.331                |
| June            | 167.452   | 162.186                           | 159.807                |
| July            | 168.484   | 163.218                           | 163.909                |
| August          | 176.905   | 171.639                           | 172.230                |
| September       | 180.623   | 175.350                           | 174.959                |
| October         | 195.568   | 190.302                           | 184.119                |
| November        | 206.396   | 201.130                           | 193.622                |
| December        | 222.511   | 217.245                           | 207.569                |
| Year            | 173.493   | 168.227                           | 166.837                |
| 2006:           |   |                                   |                        |
| January         | 224.000   | 218.258                           | 214.716                |
| February        | 230.905   | 225.079                           | 225.965                |
| March           | 238.235   | 232.409                           | 231.438                |
| April           | 302.679   | 296.853                           | 289.673                |
| January - April | 248.955   | 243.150                           | 240.448                |

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

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

Sources: Platts Metals Week and American Metal Market.

TABLE 13  
NEW YORK AVERAGE BUYING PRICES FOR COPPER SCRAP

(Cents per pound)

| Month           | Brass mills<br>No. 1 scrap | Refiners<br>No. 2 scrap | Dealers (New York) |                                      |
|-----------------|----------------------------|-------------------------|--------------------|--------------------------------------|
|                 |                            |                         | No. 2<br>Scrap     | Red brass<br>turnings and<br>borings |
| 2005:           |                            |                         |                    |                                      |
| April           | 143.52                     | 126.00                  | 89.00              | 55.00                                |
| May             | 138.24                     | 124.76                  | 89.00              | 55.00                                |
| June            | 137.23                     | 124.82                  | 93.09              | 59.09                                |
| July            | 153.40                     | 141.60                  | 99.00              | 65.00                                |
| August          | 142.26                     | 126.52                  | 99.00              | 65.00                                |
| September       | 142.86                     | 128.38                  | 99.00              | 65.00                                |
| October         | 176.90                     | 162.95                  | 99.00              | 65.00                                |
| November        | 183.70                     | 168.10                  | 99.00              | 65.00                                |
| December        | 201.59                     | 179.59                  | 117.91             | 74.07                                |
| Year            | 153.46                     | 137.28                  | 95.92              | 61.10                                |
| 2006:           |                            |                         |                    |                                      |
| January         | 208.32                     | 188.91                  | 125.00             | 82.50                                |
| February        | 221.85                     | 206.90                  | 125.00             | 82.50                                |
| March           | 229.26                     | 225.24                  | 170.00             | 77.50                                |
| April           | 283.85                     | 257.95                  | 180.00             | 77.50                                |
| January - April | 235.82                     | 219.75                  | 150.00             | 80.00                                |

Source: American Metal Market.

TABLE 14  
U.S. IMPORTS FOR CONSUMPTION OF COPPER (UNMANUFACTURED), BY CLASS<sup>1</sup>

(Metric tons, copper content)

| Country or territory | Ore and concentrate |       |                    | Matte, ash and precipitates |       |                    | Blister and anodes |        |                    | Refined             |        |                    |
|----------------------|---------------------|-------|--------------------|-----------------------------|-------|--------------------|--------------------|--------|--------------------|---------------------|--------|--------------------|
|                      | 2006                |       | January -<br>March | 2006                        |       | January -<br>March | 2006               |        | January -<br>March | 2006                |        | January -<br>March |
|                      | 2005                | March |                    | 2005                        | March |                    | 2005               | March  |                    | 2005                | March  |                    |
| Austria              | --                  | --    | --                 | --                          | --    | --                 | --                 | --     | --                 | 3,360               | 377    | 1,130              |
| Brazil               | --                  | --    | --                 | --                          | --    | --                 | 10                 | --     | --                 | 30,500              | 2,010  | 7,620              |
| Canada               | 2                   | --    | 189                | 138                         | 78    | 116                | 86,500             | 7,520  | 23,500             | 296,000             | 22,400 | 66,600             |
| Chile                | --                  | --    | --                 | --                          | --    | --                 | 41,700             | 2,910  | 15,100             | 429,000             | 38,500 | 135,000            |
| Finland              | --                  | --    | --                 | --                          | --    | --                 | 65                 | 155    | 296                | 2,910               | --     | --                 |
| Germany              | --                  | --    | --                 | --                          | --    | --                 | 12                 | --     | --                 | 24,900              | 506    | 5,520              |
| Japan                | --                  | --    | --                 | --                          | --    | --                 | (2)                | --     | --                 | 5,340               | 624    | 1,610              |
| Kazakhstan           | --                  | --    | --                 | --                          | --    | --                 | --                 | --     | --                 | 6,300               | --     | 22,200             |
| Mexico               | 221                 | --    | --                 | 37                          | --    | --                 | 3,870              | 202    | 273                | 28,900              | 1,510  | 6,690              |
| Peru                 | --                  | --    | --                 | --                          | --    | --                 | --                 | --     | --                 | 154,000             | 14,100 | 46,300             |
| Taiwan               | --                  | --    | --                 | 1,180                       | 80    | 281                | --                 | --     | --                 | --                  | --     | --                 |
| Other                | --                  | 1     | 1                  | 287                         | 8     | 32                 | 16 <sup>r</sup>    | 1      | 1                  | 23,200 <sup>r</sup> | --     | 7,010              |
| Total                | 223                 | 1     | 190                | 1,640                       | 166   | 429                | 132,000            | 10,800 | 39,200             | 1,000,000           | 80,100 | 300,000            |

<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>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 15  
U.S. EXPORTS OF COPPER (UNMANUFACTURED), BY CLASS<sup>1</sup>

(Metric tons, copper content)

| Country or territory | Ore and concentrate |        |                 | Matte, ash and precipitates |       |                 | Blister and anodes |       |                 | Refined |       |                 |
|----------------------|---------------------|--------|-----------------|-----------------------------|-------|-----------------|--------------------|-------|-----------------|---------|-------|-----------------|
|                      | 2006                |        |                 | 2006                        |       |                 | 2006               |       |                 | 2006    |       |                 |
|                      | 2005                | March  | January - March | 2005                        | March | January - March | 2005               | March | January - March | 2005    | March | January - March |
| Australia            | --                  | --     | --              | 11                          | --    | 1,840           | 43                 | --    | 12              | 67      | 64    | 64              |
| Belgium              | 41                  | --     | --              | 37                          | 49    | 49              | 724                | 16    | 294             | 49      | --    | --              |
| Canada               | 18,300              | 2,940  | 8,860           | 30,900                      | 2,240 | 17,600          | 20,500             | 315   | 2,360           | 2,070   | 5,190 | 15,300          |
| China                | 75,700              | 29,700 | 40,700          | 9,650                       | 577   | 2,360           | 343                | 13    | 105             | 19,000  | 988   | 2,570           |
| Costa Rica           | 3                   | --     | --              | (2)                         | --    | --              | 1                  | --    | --              | 2       | --    | (2)             |
| Germany              | --                  | --     | --              | 93                          | --    | --              | 779                | 58    | 205             | 182     | --    | --              |
| Hong Kong            | 2                   | --     | --              | 1                           | --    | --              | 3,190              | 312   | 860             | 7       | (2)   | 5               |
| India                | 149                 | --     | 2               | 1                           | --    | --              | 58                 | 30    | 47              | 6,650   | 189   | 1,190           |
| Japan                | 28,700              | --     | --              | 70                          | --    | --              | 2,230              | 244   | 428             | 5       | --    | (2)             |
| Korea, Republic of   | 1                   | --     | --              | 32                          | --    | 11              | 464                | 45    | 167             | 132     | 8     | 36              |
| Mexico               | 6,380               | --     | --              | 682                         | 3     | 17              | 2,660              | 65    | 174             | 9,860   | 187   | 189             |
| Saudi Arabia         | --                  | --     | --              | --                          | --    | --              | 11                 | --    | --              | 11      | --    | 33              |
| Singapore            | 19                  | --     | --              | 20                          | 2     | 10              | 491                | 60    | 140             | 13      | --    | --              |
| Spain                | 1,730               | 126    | 128             | --                          | --    | --              | 203                | 20    | 60              | --      | --    | 9               |
| Sweden               | --                  | --     | --              | --                          | --    | --              | 3,190              | --    | 526             | --      | --    | 2               |
| Taiwan               | 15                  | --     | --              | 14                          | 3     | 3               | 1,680              | 140   | 320             | 180     | 110   | 112             |
| Other                | 5,600               | 24     | 51              | 338                         | 76    | 148             | 4,950              | 117   | 357             | 1,300   | 43    | 222             |
| Total                | 137,000             | 32,800 | 49,800          | 41,800                      | 2,950 | 22,000          | 41,600             | 1,440 | 6,060           | 39,500  | 6,780 | 19,700          |

-- Zero.

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

<sup>2</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 16  
U.S. COPPER SCRAP IMPORTS<sup>1</sup>

(Metric tons, gross weight)

| Country or<br>territory | Unalloyed |       |                    | Alloyed |       |                    |
|-------------------------|-----------|-------|--------------------|---------|-------|--------------------|
|                         | 2006      |       |                    | 2006    |       |                    |
|                         | 2005      | March | January -<br>March | 2005    | March | January -<br>March |
| Brazil                  | --        | --    | --                 | 276     | --    | 39                 |
| Canada                  | 9,080     | 414   | 1,570              | 47,700  | 4,110 | 11,700             |
| China                   | --        | --    | --                 | 120     | 27    | 179                |
| Costa Rica              | 2,020     | 131   | 403                | 495     | 60    | 182                |
| Germany                 | 85        | 23    | 23                 | 76      | 1     | 1                  |
| Guatemala               | 79        | 9     | 42                 | 1,500   | 196   | 480                |
| Honduras                | 1,910     | 200   | 526                | 651     | 75    | 156                |
| Jamaica                 | 269       | 20    | 78                 | 125     | 4     | 22                 |
| Japan                   | 70        | 14    | 42                 | 135     | 2     | 25                 |
| Mexico                  | 13,300    | 484   | 2,200              | 24,800  | 2,580 | 6,360              |
| Nicaragua               | 831       | 99    | 244                | 573     | 38    | 124                |
| Russia                  | --        | --    | --                 | --      | 101   | 101                |
| Singapore               | --        | --    | --                 | 102     | 22    | 90                 |
| Taiwan                  | 2         | --    | --                 | 348     | 18    | 79                 |
| United Kingdom          | 258       | 22    | 48                 | 925     | 74    | 121                |
| Other                   | 2,150     | 76    | 217                | 5,850   | 208   | 692                |
| Total                   | 30,100    | 1,490 | 5,390              | 83,700  | 7,510 | 20,300             |

-- 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  
U.S. COPPER SCRAP EXPORTS<sup>1</sup>

(Metric tons, gross weight)

| Country or territory | Unalloyed |                    |                    |                    |                    |                    |                    | Alloyed |                    |                    |                    |                    |                    |
|----------------------|-----------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                      | 2005      | 2006               |                    |                    |                    |                    |                    | 2005    | 2006               |                    |                    |                    |                    |
|                      |           | No. 1              |                    | No. 2              |                    | Other              |                    |         | Segregated         |                    | Unsegregated       |                    |                    |
|                      |           | January -<br>March |         | January -<br>March |
| Belgium              | 644       | --                 | 81                 | --                 | --                 | 54                 | 303                | 6,890   | 187                | 418                | 917                | 2,570              |                    |
| Canada               | 27,900    | --                 | --                 | --                 | --                 | 3,450              | 11,100             | 13,900  | 1,390              | 2,990              | 1,390              | 4,220              |                    |
| China                | 265,000   | 4,430              | 9,550              | 10,900             | 29,400             | 5,360              | 14,500             | 182,000 | 11,900             | 28,400             | 8,090              | 22,000             |                    |
| Germany              | 10,600    | 139                | 600                | 76                 | 76                 | 78                 | 1,450              | 9,990   | 77                 | 632                | 416                | 2,380              |                    |
| Hong Kong            | 9,200     | 3                  | 77                 | 209                | 568                | 80                 | 196                | 12,800  | 282                | 356                | 825                | 2,430              |                    |
| India                | 4,460     | 19                 | 144                | --                 | --                 | 119                | 303                | 15,800  | 1,280              | 3,650              | 62                 | 209                |                    |
| Japan                | 6,710     | 68                 | 259                | --                 | --                 | 387                | 766                | 7,950   | 624                | 1,220              | 116                | 210                |                    |
| Korea, Republic of   | 27,200    | 837                | 2,170              | 399                | 1,520              | 555                | 1,600              | 10,200  | 1,170              | 2,260              | --                 | --                 |                    |
| Mexico               | 1,010     | --                 | 57                 | --                 | --                 | 1                  | 21                 | 1,570   | --                 | 118                | 650                | 1,530              |                    |
| Spain                | 145       | 2                  | 4                  | --                 | --                 | --                 | 2                  | 5,580   | --                 | --                 | 796                | 1,880              |                    |
| Taiwan               | 11,600    | 173                | 396                | 376                | 1,060              | 388                | 934                | 10,600  | 712                | 1,580              | 18                 | 24                 |                    |
| Thailand             | 874       | --                 | --                 | --                 | --                 | 60                 | 98                 | 475     | 75                 | 143                | --                 | --                 |                    |
| United Kingdom       | 276       | 1                  | 1                  | --                 | --                 | 5                  | 63                 | 3,440   | 46                 | 76                 | --                 | --                 |                    |
| Other                | 1,120     | 81                 | 127                | --                 | 59                 | 33                 | 931                | 10,200  | 219                | 930                | 578                | 1,960              |                    |
| Total                | 366,000   | 5,750              | 13,500             | 11,900             | 32,600             | 10,600             | 32,300             | 291,000 | 17,900             | 42,800             | 13,900             | 39,400             |                    |

-- 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.