

Mineral Industry Surveys

For information, contact:

E. Lee Bray, Aluminum Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4979, Fax: (703) 648-7757
E-mail: lbray@usgs.gov

Annie Hwang (Data)
Telephone: (703) 648-7952
Fax: (703) 648-7995
E-mail: ahwang@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

ALUMINUM IN DECEMBER 2011

Domestic primary aluminum production in December 2011 was 177,000 metric tons (t). The average daily production was 5,720 t, essentially the same as that for the previous month and 20% higher than that for December 2010.

Total aluminum recovered from scrap in December 2011 was 233,000 t, slightly less than the amount recovered in the previous month but 14% more than the amount recovered in December 2010. Of this, 122,000 t of aluminum was recovered from new scrap, 4% less than the amount in the previous month and slightly more than that in December 2010. Aluminum recovered from old scrap in December 2011 totaled 111,000 t, slightly less than the amount in November but 31% more than the amount in December 2010.

Primary aluminum production for the full year 2011 was 1.99 million metric tons (Mt), 15% more than that in 2010. Total aluminum recovered from scrap in 2011 was 3.02 Mt, 8% more than that in 2010. Of this, 1.62 Mt of aluminum was recovered from new scrap, 4% more than that in 2010, and 1.4 Mt of aluminum was recovered from old scrap, 12% more than that in 2010.

Sapa Extrusions-North America (Rosemont, IL), a subsidiary of Sapa Group (Stockholm, Sweden), completed the installation of a new 45,000-metric-ton-per-year (t/yr) furnace for melting scrap in Cressona, PA. Sapa added the secondary smelting capacity with a billet casting pit to reduce the impact of volatile prices for aluminum billet from outside suppliers as a result of increased demand and short supply in 2010 and 2011. The new capacity would be used mainly for specialty alloys (Sapa Group, 2012).

Rio Tinto plc (London, United Kingdom) was increasing capacity of the Sebree, KY, smelter to approximately 210,000 t/yr from 196,000 t/yr. The project would be completed by yearend 2012 (Platts Metals Week, 2012b).

In December, a power failure at the 169,000-t/yr Lynmouth, United Kingdom, smelter resulted in the shutdown of about two-thirds of its capacity (Rio Tinto plc, 2012, p. 5). Rio Tinto had previously announced that the entire smelter would be shut down permanently by March 2012, citing increasing power costs associated with new regulatory requirements as the reason for the shutdown. (See Aluminum in October 2011.) Rio Tinto

planned to gradually restart two potlines at the 100,000-t/yr Shawinigan, Quebec, Canada, smelter. Production was cut by one-half in December following a power failure. The smelter would be producing at full capacity by the end of March 2012 (Rio Tinto Alcan Inc., 2012). A labor dispute at Rio Tinto's 438,000-t/yr Alma smelter at Saguenay-Lac-Saint-Jean, Quebec, continued with two-thirds of the smelter's capacity shut down. (See Aluminum in November 2011.) Negotiations with the union representing employees at the smelter were reported to have stalled (Wait, 2012).

Norsk Hydro ASA (Oslo, Norway) announced that one-third of the capacity at its 180,000-t/yr Kurri Kurri, Australia, smelter would be shut down by March 2012. Norsk Hydro was considering further shutdowns at the Kurri Kurri smelter, citing low prices and demand for aluminum, as well as unfavorable currency valuations (Norsk Hydro ASA, 2012).

BHP Billiton Ltd. (Melbourne, Australia) cut production from its two smelters in South Africa by approximately 10% as a result of a power shortage. The duration of the power shortage was not projected. The Bayside smelter had a capacity of 180,000 t/yr, and the Hillside smelter had a capacity of 700,000 t/yr (Platts Metals Week, 2012a).

Update

The downward trend of the monthly average U.S. market price of primary aluminum ingot continued, with the monthly average price falling to \$0.982 per pound in December from \$1.026 per pound in November. The monthly average price in January 2012 increased to \$1.034 per pound.

References Cited

- Norsk Hydro ASA, 2012, Hydro curtails production in Kurri Kurri, Australia: Oslo, Norway, Norsk Hydro ASA press release, January 18, 1 p.
- Platts Metals Week, 2012a, BHP cuts S African output on power curbs: Platts Metals Week, v. 83, no. 3, January 16, p. 19.
- Platts Metals Week, 2012b, RTA's Sebree smelter to add capacity: Platts Metals Week, v. 83, no. 6, February 6, p. 17.
- Rio Tinto Alcan Inc., 2012, Rio Tinto Alcan to deploy plan to restart suspended production lines at Shawinigan: Montreal, Quebec, Canada, Rio Tinto Alcan Inc. media release, February 3, 1 p.

Rio Tinto plc, 2012, Fourth quarter 2011 operations review: London, United Kingdom, Rio Tinto plc media release, January 17, 26 p.
Sapa Group, 2012, Sapa Extrusions Cressona cast house expansion complete: Stockholm, Sweden, Sapa Group news release, January 13, 1 p.

Wait, Suzy, 2012, Alcan, union in stalemate at Alma: American Metal Market, v. 120, no. 4-3, January 25, p. 10.

TABLE 1
COMPONENTS OF ALUMINUM SUPPLY¹

(Thousand metric tons)

| Period | Primary production | Secondary recovery ² | | | Imports for consumption | | | Total new supply ³ | Stocks, end of period ⁴ |
|------------------|--------------------|---------------------------------|-------|-------|--------------------------|----------------------------|-------|-------------------------------|------------------------------------|
| | | New | Old | Total | Metals and alloys, crude | Plates, sheets, bars, etc. | Total | | |
| 2010 | 1,726 | 1,550 | 1,250 | 2,800 | 2,650 | 967 | 3,610 | 8,140 | 1,010 |
| 2010, December | 148 | 120 | 85 | 204 | 179 | 59 | 238 | 591 | 1,010 |
| 2011: | | | | | | | | | |
| January | 152 | 141 | 104 | 245 | 211 | 64 | 276 | 672 | 1,050 |
| February | 140 | 132 | 107 | 239 | 212 | 63 | 275 | 653 | 1,060 |
| March | 162 | 138 | 122 | 260 | 232 | 75 | 307 | 728 | 1,070 |
| April | 162 | 135 | 117 | 252 | 220 | 68 | 288 | 702 | 1,110 |
| May | 170 | 137 | 123 | 260 | 285 | 73 | 358 | 787 | 1,100 |
| June | 167 | 137 | 122 | 259 | 263 | 74 | 337 | 763 | 1,090 |
| July | 171 | 136 | 121 | 257 | 220 | 70 | 290 | 719 | 1,100 |
| August | 172 | 144 | 123 | 268 | 241 | 85 | 327 | 766 | 1,090 |
| September | 169 | 135 | 119 | 254 | 263 | 86 | 349 | 771 | 1,080 |
| October | 175 | 136 | 118 | 254 | 243 | 78 | 321 | 751 | 1,060 |
| November | 171 | 127 | 112 | 238 | 192 | 74 | 266 | 676 | 1,050 |
| December | 177 | 122 | 111 | 233 | NA | NA | NA | NA | NA |
| January–December | 1,986 | 1,620 | 1,400 | 3,020 | NA | NA | NA | NA | NA |

NA Not available.

¹Data are rounded to no more than three significant digits, except "Primary production"; may not add to totals shown.

²Metallic recovery from purchased, tolled, or imported scrap, expanded for full coverage of industry.

³Primary production, secondary recovery, and imports for consumption.

⁴Inventory levels reflect total for both U.S. and Canadian producers; data from the Aluminum Association Inc.

TABLE 2
ESTIMATED FULL COVERAGE CONSUMPTION OF AND METALLIC RECOVERY FROM
PURCHASED NEW AND OLD ALUMINUM SCRAP¹

(Thousand metric tons)

| Period | Secondary smelters | | Independent mill fabricators | | Foundries | | Other consumers | | Total | |
|------------------|-----------------------|-------------------|------------------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|
| | Con- sump- tion | Metal recovery | Con- sump- tion | Metal recovery | Con- sump- tion | Metal recovery | Con- sump- tion | Metal recovery | Con- sump- tion | Metal recovery |
| | 2010 | 1,780 | 1,360 | 1,530 | 1,390 | 56 | 49 | 7 | 7 | 3,370 |
| 2010, December | 152 | 109 | 99 | 90 | 5 | 4 | 1 | 1 | 257 | 204 |
| 2011: | | | | | | | | | | |
| January | 176 | 131 | 119 | 109 | 5 | 4 | 1 | 1 | 301 | 245 |
| February | 175 | 131 | 113 | 103 | 5 | 4 | 1 | 1 | 294 | 239 |
| March | 187 | 140 | 126 | 115 | 5 | 4 | 1 | 1 | 319 | 260 |
| April | 179 | 132 | 127 | 115 | 5 | 4 | 1 | 1 | 311 | 252 |
| May | 187 | 138 | 128 | 116 | 5 | 4 | 1 | 1 | 321 | 260 |
| June | 187 | 140 | 126 | 114 | 5 | 4 | 1 | 1 | 319 | 259 |
| July | 187 | 139 | 125 | 113 | 5 | 4 | 1 | 1 | 317 | 257 |
| August | 193 | 145 | 129 | 117 | 5 | 4 | 1 | 1 | 328 | 268 |
| September | 189 | 141 | 119 | 107 | 5 | 4 | 1 | 1 | 313 | 254 |
| October | 193 | 144 | 117 | 106 | 5 | 4 | 1 | 1 | 316 | 256 |
| November | 187 | 140 | 104 | 94 | 5 | 4 | 1 | 1 | 296 | 238 |
| December | 185 | 138 | 100 | 90 | 5 | 4 | 1 | 1 | 290 | 233 |
| January–December | 2,230 | 1,660 | 1,430 | 1,300 | 61 | 53 | 8 | 8 | 3,730 | 3,020 |

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

TABLE 3
CONSUMPTION OF AND RECOVERY FROM PURCHASED
NEW AND OLD ALUMINUM SCRAP IN DECEMBER 2011¹

(Metric tons)

| | Consumption | | Calculated metallic recovery | |
|------------------------------|-------------|---------------|---------------------------------|---------------|
| | Tabulated | Estimated | Tabulated | Estimated |
| | reports | full coverage | reports | full coverage |
| Secondary smelters | 154,000 | 185,000 | 115,000 | 138,000 |
| Independent mill fabricators | 92,900 | 99,900 | 83,600 | 89,900 |
| Foundries | 4,220 | 5,070 | 3,690 | 4,420 |
| Other consumers | 524 | 629 | 524 | 629 |
| Total | 252,000 | 290,000 | 202,000 | 233,000 |

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

TABLE 4
PURCHASED AND TOLL-TREATED ALUMINUM-BASE SCRAP AND SWEATED PIG IN DECEMBER 2011¹

(Metric tons)

| | December | | | January–December ² | | |
|---------------------------------------|---------------------------------|------------------------------|-----------------------|-------------------------------|------------------------------|-----------------------|
| | Stocks, opening ² | Net receipts ³ | Melted or consumed | Stocks, closing | Net receipts ³ | Melted or consumed |
| New scrap: | | | | | | |
| Extrusion | 19,400 | 33,000 | 33,000 | 19,400 | 482,000 | 484,000 |
| Can stock clippings | 22,700 | 23,200 | 18,400 | 27,400 | 265,000 | 243,000 |
| Other wrought sheet/clippings | 8,330 | 33,000 | 30,000 | 11,300 | 397,000 | 391,000 |
| Casting | 1,600 | 4,940 | 4,860 | 1,690 | 64,100 | 63,500 |
| Borings and turnings | 2,720 | 10,200 | 10,200 | 2,740 | 115,000 | 115,000 |
| Dross and skimmings | 7,450 | 43,200 | 43,200 | 7,450 | 511,000 | 512,000 |
| Total new scrap | 62,100 | 148,000 | 140,000 | 70,000 | 1,830,000 | 1,810,000 |
| Old scrap: | | | | | | |
| Used castings | 8,770 | 21,900 | 22,200 | 8,520 | 292,000 | 292,000 |
| Used extrusion | 6,840 | 9,950 | 9,350 | 7,430 | 114,000 | 111,000 |
| Used cans (shredded, loose, baled) | 25,600 | 54,600 | 53,600 | 26,500 | 687,000 | 683,000 |
| Other wrought products | 4,460 | 21,500 | 21,500 | 4,460 | 246,000 | 248,000 |
| Fragmentized shredder (auto shredder) | 939 | 5,170 | 5,150 | 957 | 74,500 | 74,700 |
| Total old scrap | 46,600 | 113,000 | 112,000 | 47,900 | 1,410,000 | 1,410,000 |
| Sweated pig | 89 | 147 | 147 | 89 | 1,750 | 1,770 |
| Total all classes | 109,000 | 261,000 | 252,000 | 118,000 | 3,250,000 | 3,220,000 |

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

²May include revisions to previously published data.

³Includes data on imported aluminum-base scrap.

TABLE 5
ALUMINUM ALLOYS PRODUCED AT SECONDARY SMELTERS IN THE UNITED STATES FOR 2011^{1,2}

(Metric tons)

| | December | | | | January–December ³ | |
|--|---------------------------------|---------------|------------------|--------------------|-------------------------------|------------------|
| | Stocks, opening ³ | Production | Net shipments | Stocks, closing | Production | Net shipments |
| Die-cast alloys: | | | | | | |
| 13% Si, 360, etc. (0.6% Cu, max.) | 1,150 | 2,190 | 2,240 | 1,100 | 32,500 | 33,100 |
| 380 and variations | 2,400 | 23,900 | 23,900 | 2,400 | 286,000 | 286,000 |
| Sand and permanent mold: | | | | | | |
| 95/5 Al-Si, 356, etc. (0.6% Cu, max.) | 2,570 | 1,710 | 1,710 | 2,570 | 25,500 | 25,600 |
| No. 319 and variations | 2,210 | 5,280 | 5,310 | 2,180 | 66,100 | 67,000 |
| F-132 alloy and variations | 939 | 596 | 596 | 939 | 7,620 | 7,130 |
| Al-Zn alloys | 278 | 130 | 130 | 278 | 1,560 | 1,560 |
| Al-Si alloys (0.6% to 2.0% Cu) | 391 | 175 | 175 | 391 | 2,470 | 2,480 |
| Al-Cu alloys (1.5% Si, max.) | 48 | 34 | 34 | 48 | 408 | 408 |
| Other ⁴ | 4,220 | 10,200 | 11,200 | 3,160 | 125,000 | 136,000 |
| Wrought alloys, extrusion billets | 16,700 | 36,400 | 37,100 | 16,100 | 481,000 | 481,000 |
| Total all alloys | 30,900 | 80,600 | 82,400 | 29,100 | 1,030,000 | 1,040,000 |
| Less: | | | | | | |
| Primary aluminum consumed | XX | 8,350 | XX | XX | 125,000 | XX |
| Primary silicon consumed | XX | 1,450 | XX | XX | 17,900 | XX |
| Other alloying ingredients consumed | XX | 785 | XX | XX | 11,900 | XX |
| Net metallic recovery from aluminum scrap and sweated pig consumed in production of secondary aluminum ingot ⁵ | XX | 70,000 | XX | XX | 873,000 | XX |

XX Not applicable.

¹Excludes integrated aluminum companies.

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

³May include revisions to previously published data.

⁴Includes alloys No. 12, Al-Mg, Al-Si-Cu-Ni, aluminum-base hardeners, variations of these alloys, plus other aluminum alloys.

⁵No allowance made for melt-loss of primary aluminum and alloying ingredients.

TABLE 6
AVERAGE PRICE OF ALUMINUM IN THE UNITED STATES
AND ON THE LONDON METAL EXCHANGE

(Cents per pound)

| Period | Midwest U.S. market price | LME cash price Grade A |
|------------------|---------------------------------|------------------------------|
| 2010: | | |
| December | 111.950 | 106.600 |
| January–December | 104.382 | 98.553 |
| 2011: | | |
| January | 116.313 | 110.638 |
| February | 119.438 | 113.752 |
| March | 121.800 | 115.767 |
| April | 128.313 | 120.762 |
| May | 126.063 | 117.558 |
| June | 124.350 | 115.896 |
| July | 121.625 | 113.926 |
| August | 116.563 | 108.508 |
| September | 112.400 | 104.160 |
| October | 105.875 | 98.515 |
| November | 102.563 | 94.038 |
| December | 98.150 | 91.694 |
| January–December | 116.121 | 108.768 |

Source: Platts Metals Week.

TABLE 7
AVERAGE BUYING PRICES FOR ALUMINUM SCRAP

(Cents per pound)

| Month | Used beverage cans | Mixed low copper clips | Old sheet and cast | Turnings (clean and dry) |
|------------------|-----------------------|---------------------------|-----------------------|-----------------------------|
| 2010: | | | | |
| December | 82.26 | 77.68 | 72.47 | 70.05 |
| January–December | 74.16 | 72.63 | 67.81 | 65.97 |
| 2011: | | | | |
| January | 86.78 | 82.23 | 76.53 | 73.53 |
| February | 89.11 | 85.34 | 79.95 | 78.08 |
| March | 90.96 | 87.07 | 81.96 | 81.00 |
| April | 96.07 | 87.19 | 82.83 ¹ | 81.93 |
| May | 94.71 | 86.10 | 80.69 ¹ | 79.31 |
| June | 94.05 | 84.50 | 79.30 ¹ | 79.11 |
| July | 90.95 | 84.55 | 79.43 ¹ | 79.00 |
| August | 86.54 | 83.91 | 77.56 ¹ | 76.87 |
| September | 83.07 | 80.64 | 74.27 ¹ | 73.64 |
| October | 78.07 | 74.88 | 70.13 ¹ | 68.90 |
| November | 76.63 | 73.85 | 69.10 ¹ | 68.60 |
| December | 73.18 | 73.03 | 69.01 ¹ | 68.13 |
| January–December | 86.68 | 81.94 | 76.73 | 75.68 |

¹Beginning in April 2011, old sheet and old cast were reported separately. The average of the two prices is presented in this table.

Source: American Metal Market.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF ALUMINUM IN NOVEMBER 2011¹

(Metric tons)

| Country | Metals and alloys, crude | | Plates, sheets, bars, etc. | | Scrap | | Total | |
|----------------------|--------------------------|----------------------|----------------------------|----------------------|----------|----------------------|----------|----------------------|
| | November | January– November | November | January– November | November | January– November | November | January– November |
| Argentina | -- | 95,000 | -- | 14 | -- | -- | -- | 95,000 |
| Australia | 2,790 | 27,400 | 2 | 72 | -- | 38 | 2,790 | 27,500 |
| Austria | (2) | 14 | 1,940 | 17,300 | -- | -- | 1,940 | 17,300 |
| Bahamas, The | -- | -- | -- | -- | 151 | 3,200 | 151 | 3,200 |
| Bahrain | -- | 40 | 2,690 | 17,500 | -- | -- | 2,690 | 17,600 |
| Belgium | 10 | 321 | 237 | 1,340 | 19 | 245 | 266 | 1,900 |
| Brazil | 45 | 34,200 | 2,730 | 18,100 | -- | 74 | 2,770 | 52,400 |
| Canada | 131,000 | 1,710,000 | 24,800 | 293,000 | 33,300 | 329,000 | 189,000 | 2,340,000 |
| Chile | -- | -- | -- | -- | 253 | 2,500 | 253 | 2,500 |
| China | 77 | 1,500 | 9,780 | 137,000 | 37 | 120 | 9,900 | 138,000 |
| Colombia | -- | 162 | 178 | 3,190 | 43 | 83 | 221 | 3,430 |
| Costa Rica | -- | 22 | 20 | 47 | 308 | 3,870 | 328 | 3,940 |
| Egypt | -- | -- | 102 | 4,460 | -- | -- | 102 | 4,460 |
| El Salvador | -- | -- | -- | 16 | 322 | 3,950 | 322 | 3,970 |
| France | 764 | 4,100 | 424 | 4,630 | -- | -- | 1,190 | 8,720 |
| Germany | 92 | 1,220 | 7,030 | 73,200 | 55 | 1,250 | 7,180 | 75,700 |
| Greece | 3 | 3 | 1,060 | 13,800 | -- | 48 | 1,060 | 13,900 |
| Guatemala | -- | 80 | -- | -- | 1,260 | 11,700 | 1,260 | 11,700 |
| Honduras | -- | -- | -- | -- | 211 | 3,000 | 211 | 3,000 |
| Hong Kong | -- | (2) | 545 | 4,390 | 45 | 88 | 590 | 4,470 |
| India | -- | 679 | 877 | 13,200 | -- | 1 | 877 | 13,900 |
| Indonesia | -- | -- | 9,960 | 69,300 | 36 | 53 | 9,990 | 69,300 |
| Italy | 179 | 571 | 462 | 4,870 | 139 | 432 | 780 | 5,870 |
| Japan | 44 | 628 | 386 | 7,140 | 8 | 474 | 438 | 8,240 |
| Korea, Republic of | 699 | 8,240 | 243 | 3,010 | 38 | 208 | 980 | 11,500 |
| Malaysia | -- | -- | 621 | 7,690 | -- | 612 | 621 | 8,300 |
| Mexico | 1,570 | 16,900 | 2,310 | 27,000 | 11,200 | 127,000 | 15,000 | 171,000 |
| New Zealand | 1,440 | 21,400 | 11 | 107 | -- | 175 | 1,450 | 21,700 |
| Qatar | 8,840 | 56,300 | -- | -- | -- | -- | 8,840 | 56,300 |
| Romania | 77 | 378 | 747 | 3,250 | 38 | 916 | 862 | 4,540 |
| Russia | 16,300 | 204,000 | 1,120 | 12,700 | -- | -- | 17,400 | 217,000 |
| Saudi Arabia | -- | 45 | -- | 1 | 853 | 14,400 | 853 | 14,500 |
| South Africa | 1,010 | 14,100 | 3,050 | 43,400 | -- | -- | 4,060 | 57,500 |
| Sweden | -- | 6 | 260 | 2,790 | -- | 137 | 260 | 2,930 |
| Switzerland | -- | 10 | 305 | 2,280 | -- | (2) | 305 | 2,290 |
| Taiwan | 40 | 708 | 568 | 6,710 | 120 | 558 | 728 | 7,970 |
| Tajikistan | -- | 4,450 | -- | -- | -- | -- | -- | 4,450 |
| United Arab Emirates | 21,300 | 226,000 | -- | 2 | 196 | 813 | 21,500 | 227,000 |
| United Kingdom | 24 | 15,500 | 546 | 4,630 | 95 | 8,950 | 665 | 29,100 |
| Venezuela | 5,740 | 131,000 | 21 | 978 | 201 | 1,600 | 5,960 | 133,000 |
| Other | 247 | 3,660 | 1,060 | 12,600 | 2,170 | 21,500 | 3,470 | 37,700 |
| Total | 192,000 | 2,580,000 | 74,100 | 810,000 | 51,100 | 537,000 | 318,000 | 3,930,000 |

-- 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 9
U.S. EXPORTS OF ALUMINUM IN NOVEMBER 2011¹

(Metric tons)

| Country or territory | Metals and alloys, crude | | Plates, sheets, bars, etc. | | Scrap | | Total | |
|----------------------|--------------------------|----------------------|----------------------------|----------------------|----------|----------------------|----------|----------------------|
| | November | January– November | November | January– November | November | January– November | November | January– November |
| Australia | 121 | 716 | 73 | 1,900 | -- | 11 | 194 | 2,620 |
| Belgium | -- | 120 | 443 | 3,040 | 20 | 86 | 463 | 3,250 |
| Brazil | 4 | 42 | 524 | 7,950 | 155 | 3,990 | 683 | 12,000 |
| Canada | 12,400 | 82,200 | 30,300 | 346,000 | 10,600 | 131,000 | 53,300 | 559,000 |
| Chile | 69 | 3,660 | 1,030 | 4,760 | -- | -- | 1,090 | 8,420 |
| China | 192 | 4,010 | 2,740 | 30,300 | 126,000 | 1,330,000 | 129,000 | 1,360,000 |
| Colombia | (2) | 41 | 166 | 1,810 | 21 | 171 | 187 | 2,020 |
| France | 212 | 1,570 | 1,140 | 14,600 | 17 | 65 | 1,370 | 16,300 |
| Germany | 476 | 3,890 | 688 | 10,100 | 18 | 574 | 1,180 | 14,600 |
| Guatemala | -- | 41 | 1,580 | 15,900 | -- | 1 | 1,580 | 16,000 |
| Hong Kong | -- | 25 | 84 | 2,930 | 2,570 | 32,200 | 2,660 | 35,200 |
| India | (2) | 140 | 153 | 1,690 | 3,800 | 46,400 | 3,960 | 48,200 |
| Indonesia | -- | 16 | 37 | 558 | 40 | 5,040 | 77 | 5,620 |
| Ireland | -- | 20 | 590 | 7,760 | -- | -- | 590 | 7,780 |
| Israel | 69 | 808 | 724 | 8,380 | -- | -- | 793 | 9,180 |
| Italy | -- | 34 | 287 | 3,210 | -- | 163 | 287 | 3,410 |
| Japan | 107 | 2,120 | 1,240 | 15,300 | 1,540 | 13,900 | 2,890 | 31,300 |
| Jordan | -- | (2) | 608 | 3,690 | -- | -- | 608 | 3,690 |
| Korea, Republic of | 201 | 838 | 2,070 | 17,300 | 16,200 | 179,000 | 18,500 | 197,000 |
| Kuwait | -- | -- | 764 | 10,900 | -- | -- | 764 | 10,900 |
| Malaysia | -- | 31 | 186 | 2,000 | 334 | 3,960 | 520 | 5,990 |
| Mexico | 14,900 | 182,000 | 23,900 | 269,000 | 9,640 | 120,000 | 48,400 | 571,000 |
| Netherlands | 7 | 141 | 112 | 960 | -- | 756 | 119 | 1,860 |
| New Zealand | 3 | 28 | 248 | 2,230 | 1 | 23 | 252 | 2,280 |
| Norway | -- | 7 | 1 | 18 | 152 | 18,400 | 153 | 18,500 |
| Pakistan | -- | (2) | (2) | 6 | 1,410 | 6,880 | 1,410 | 6,890 |
| Panama | -- | 21 | 393 | 4,450 | -- | 61 | 393 | 4,530 |
| Romania | 62 | 1,320 | 11 | 111 | -- | -- | 73 | 1,430 |
| Saudi Arabia | -- | 3 | 5,070 | 45,400 | -- | (2) | 5,070 | 45,400 |
| Singapore | 45 | 723 | 253 | 3,540 | 36 | 427 | 334 | 4,690 |
| Spain | 2 | 26 | 36 | 1,810 | -- | 477 | 38 | 2,320 |
| Taiwan | 384 | 2,340 | 681 | 9,460 | 5,910 | 54,100 | 6,980 | 65,900 |
| Thailand | -- | 57 | 148 | 1,110 | 490 | 5,460 | 638 | 6,620 |
| Tunisia | -- | -- | -- | 1,440 | -- | -- | -- | 1,440 |
| Turkey | -- | 42 | 222 | 2,440 | 18 | 54 | 240 | 2,540 |
| United Arab Emirates | 2 | 7 | 1,160 | 9,770 | 162 | 743 | 1,320 | 10,500 |
| United Kingdom | 227 | 1,910 | 1,370 | 15,200 | 12 | 700 | 1,610 | 17,900 |
| Vietnam | 38 | 77 | 5 | 201 | 1,650 | 6,310 | 1,690 | 6,580 |
| Other | 53 | 1,070 | 887 | 13,000 | 81 | 4,730 | 1,020 | 18,800 |
| Total | 29,500 | 290,000 | 79,900 | 891,000 | 181,000 | 1,970,000 | 290,000 | 3,150,000 |

-- 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.