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# Mineral Industry Surveys 

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## ALUMINUM IN MAY 2023

Domestic primary aluminum production in May 2023 was 65,000 metric tons ( t ). The average daily production in May 2023 was $2,090 \mathrm{t}$, unchanged from that in April 2023, 23\% less than that in May 2022, and 14\% less than that in May 2021 (fig. 1 , table 1).

Total aluminum recovered from scrap in May 2023 was 272,000 t, unchanged from the revised amount in April 2023, $5 \%$ less than that in May 2022, and essentially unchanged from that in May 2021. Of this, $148,000 \mathrm{t}$ of aluminum was recovered from new scrap, and $125,000 \mathrm{t}$ was recovered from old scrap (fig. 1, table 1).


Figure 1. Monthly domestic primary and secondary aluminum production from May 2021 through May 2023.

## Prices and Stocks

The May 2023 average U.S. spot market price of primary aluminum ingot was $\$ 1.27$ per pound, $4 \%$ less than that in April 2023, $23 \%$ less than that in May 2022, and $7 \%$ less than that in May 2021. The average cash price in May 2023 of primary aluminum ingot on the London Metal Exchange (LME) was $\$ 1.03$ per pound, $3 \%$ less than that in April 2023, 20\% less than that in May 2022, and 7\% less than that in May 2021 (fig. 2, table 6).


Figure 2. Average monthly prices for primary aluminum from May 2021 through May 2023. Source: S\&P Global Platts Metals Week.

Inventories of primary aluminum in LME-approved warehouses, including off-warrant inventories, in the United States were $3,349 \mathrm{t}$ at the end of May 2023, unchanged from that at the end of April 2023. Inventories of secondary aluminum (North American Secondary Aluminum Alloy Contract) in LME-approved warehouses, including off-warrant inventories, in the United States were 993 t at the end of May 2023, 7\% less than that at the end of April 2023 (London Metal Exchange Ltd., 2023a-d).

## Updates

On June 30, Norsk Hydro ASA (Norway) acquired Polish aluminum recycler, Alumetal S.A. The purchase expands Norsk Hydro's offering of post-consumer scrap based and low carbon recycled aluminum products. Alumetal has one plant in Hungary and three plants in Poland with a combined aluminum alloy casting capacity of 275,000 metric tons per year. Alumetal will continue to operate separately from Norsk Hydro (Argus Metals International, 2023; Norsk Hydro ASA, 2023).

In July, United Company RUSAL Plc (Russia) announced that it produced low carbon aluminum using inert anode technology at its Krasnoyarsk aluminum smelter. RUSAL reported that the technology was independently verified to
produce 0.01 metric tons of carbon dioxide equivalent per metric ton of metal (Dudman, 2023; United Company RUSAL Plc, 2023).

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TABLE 1

## COMPONENTS OF ALUMINUM SUPPLY ${ }^{1}$

(Thousand metric tons)

| Period | Primary production |  |  |  | Imports for consumption |  |  | $\begin{gathered} \text { Total } \\ \text { new } \\ \text { supply }^{2} \end{gathered}$ | Stocks, end of period ${ }^{3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Secondary recovery ${ }^{4}$ |  |  | Metals and alloys, crude | Plates, sheets, bars, etc. | Total |  |  |
|  |  | New | Old | Total |  |  |  |  |  |
| $2022^{\text {p }}$ | 861 | 1,880 | 1,450 | 3,330 | 4,150 | 1,460 | 5,610 | 9,810 | 2,050 |
| 2022: |  |  |  |  |  |  |  |  |  |
| May | 84 | 165 | 123 | 287 | 404 | 144 | 548 | 919 | 1,880 |
| June | 78 | 157 | 125 | 282 | 460 | 124 | 583 | 943 | 1,910 |
| July | 64 | 153 | 126 | 280 | 345 | 129 | 474 | 818 | 1,940 |
| August | 61 | 165 | 125 | 290 | 360 | 130 | 490 | 841 | 1,980 |
| September | 61 | 155 | 120 | 276 | 317 | 128 | 445 | 782 | 2,000 |
| October | 64 | 156 | 122 | 278 | 322 | 125 | 447 | 789 | 2,060 |
| November | 62 | 154 | 119 | 273 | 279 | 115 | 394 | 729 | 2,050 |
| December | 64 | 143 | 113 | 256 | 388 | 96 | 484 | 804 | 2,050 |
| January-May | 407 | $801{ }^{\text {r }}$ | $597{ }^{\text {r }}$ | $1,400{ }^{\text {r }}$ | 1,680 | 617 | 2,300 | $4,100{ }^{\text {r }}$ | NA |
| 2023: |  |  |  |  |  |  |  |  |  |
| January | 64 | $159{ }^{\text {r }}$ | $118{ }^{\text {r }}$ | $278{ }^{\text {r }}$ | 307 | 99 | 406 | $748{ }^{\text {r }}$ | 1,950 |
| February | 59 | $147{ }^{\text {r }}$ | $130^{\text {r }}$ | $277{ }^{\text {r }}$ | 238 | 73 | 311 | $647{ }^{\text {r }}$ | 2,000 |
| March | 65 | $149{ }^{\text {r }}$ | $129{ }^{\text {r }}$ | $278{ }^{\text {r }}$ | 316 | 89 | 405 | $748{ }^{\text {r }}$ | 1,960 |
| April | 63 | $147{ }^{\text {r }}$ | $126^{\text {r }}$ | $273{ }^{\text {r }}$ | 375 | 90 | 465 | $801{ }^{\text {r }}$ | 1,980 |
| May | 65 | 148 | 125 | 272 | 407 | 86 | 493 | 830 | NA |
| January-May | 316 | 750 | 628 | 1,380 | 1,640 | 438 | 2,080 | 3,770 | NA |

${ }^{\mathrm{p}}$ Preliminary. ${ }^{\mathrm{r}}$ Revised. NA Not Available.
${ }^{1}$ Data are rounded to no more than three significant digits, except "Primary production"; may not add to totals shown.
${ }^{2}$ Primary production, secondary recovery, and imports for consumption.
${ }^{3}$ Inventory levels reflect total for U.S. and Canadian producers; data from the Aluminum Association Inc.
${ }^{4}$ Metallic recovery from purchased, tolled, or imported scrap, expanded for full coverage of industry.

TABLE 2
ESTIMATED FULL COVERAGE CONSUMPTION OF AND METALLIC RECOVERY FROM PURCHASED NEW AND OLD ALUMINUM SCRAP ${ }^{1}$
(Thousand metric tons)

| Period |  Independent <br> Secondary mill <br> smelters fabricators |  |  |  | Foundries |  | Other consumers |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Con-sumption | Metal recovery | Con-sumption | Metal recovery | Con-sumption | Metal recovery | Con-sumption | Metal recovery | Con-sumption | Metal recovery |
| $2022^{\text {p }}$ | 2,330 | 1,730 | 1,650 | 1,500 | 101 | 93 | 4 | 4 | 4,080 | 3,330 |
| 2022: |  |  |  |  |  |  |  |  |  |  |
| May | 195 | 145 | 146 | 134 | 8 | 8 | (2) | (2) | 350 | 287 |
| June | 197 | 147 | 140 | 127 | 8 | 8 | (2) | (2) | 345 | 282 |
| July | 193 | 144 | 141 | 128 | 8 | 8 | (2) | (2) | 342 | 280 |
| August | 197 | 147 | 148 | 135 | 8 | 8 | (2) | (2) | 353 | 290 |
| September | 196 | 144 | 137 | 125 | 8 | 8 | (2) | (2) | 341 | 277 |
| October | 199 | 147 | 136 | 124 | 8 | 8 | (2) | (2) | 344 | 279 |
| November | 197 | 147 | 130 | 118 | 8 | 8 | (2) | (2) | 336 | 273 |
| December | 192 | 141 | 118 | 107 | 8 | 8 | (2) | (2) | 318 | 256 |
| January-May | $961{ }^{\text {r }}$ | $716^{\text {r }}$ | $700{ }^{\text {r }}$ | 641 | 42 | 39 | 2 | 2 | 1,710 ${ }^{\text {r }}$ | 1,400 ${ }^{\text {r }}$ |
| 2023: |  |  |  |  |  |  |  |  |  |  |
| January | $201{ }^{\text {r }}$ | $151{ }^{\text {r }}$ | $130{ }^{\text {r }}$ | 119 | 8 | 8 | (2) | (2) | $340{ }^{\text {r }}$ | $278{ }^{\text {r }}$ |
| February | $196{ }^{\text {r }}$ | $146{ }^{\text {r }}$ | $135{ }^{\text {r }}$ | $123{ }^{\text {r }}$ | 8 | 8 | (2) | (2) | $339{ }^{\text {r }}$ | $277{ }^{\text {r }}$ |
| March | $199{ }^{\text {r }}$ | $147{ }^{\text {r }}$ | $134{ }^{\text {r }}$ | $122{ }^{\text {r }}$ | 8 | 8 | (2) | (2) | $342{ }^{\text {r }}$ | $278{ }^{\text {r }}$ |
| April | $194{ }^{\text {r }}$ | $144{ }^{\text {r }}$ | $133{ }^{\text {r }}$ | $121{ }^{\text {r }}$ | 8 | 8 | (2) | (2) | $335{ }^{\text {r }}$ | $273{ }^{\text {r }}$ |
| May | 199 | 148 | 129 | 118 | 8 | 8 | (2) | (2) | 337 | 273 |
| January-May | 989 | 737 | 661 | 602 | 42 | 39 | 1 | 1 | 1,690 | 1,380 |

${ }^{\mathrm{p}}$ Preliminary. ${ }^{\mathrm{r}}$ Revised.
${ }^{1}$ Data are rounded to no more than three significant digits; may not add to totals shown.
${ }^{2}$ Less than $1 / 2$ unit.

TABLE 3
CONSUMPTION OF AND RECOVERY FROM PURCHASED
NEW AND OLD ALUMINUM SCRAP IN MAY $2023^{1}$

| (Metric tons) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Consumption |  | $\begin{gathered} \text { Calculated } \\ \text { metallic recovery } \end{gathered}$ |  |
|  | Tabulated reports | Estimated full coverage | Tabulated reports | Estimated full coverage |
| Secondary smelters | 166,000 | 199,000 | 123,000 | 148,000 |
| Independent mill fabricators | 117,000 | 129,000 | 106,000 | 117,000 |
| Foundries | 7,040 | 8,450 | 6,440 | 7,730 |
| Other consumers | 242 | 290 | 242 | 290 |
| Total | 290,000 | 337,000 | 236,000 | 273,000 |

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

TABLE 4
PURCHASED AND TOLL-TREATED ALUMINUM-BASE SCRAP IN MAY $2023{ }^{1}$
(Metric tons)

|  | May |  |  |  | January-May |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Stocks, opening $^{2}$ | Net receipts ${ }^{3}$ | Melted or consumed | Stocks, closing | $\begin{gathered} \text { Net } \\ \text { receipts }^{3} \end{gathered}$ | Melted or consumed |
| New scrap: |  |  |  |  |  |  |
| Extrusion | 61,900 | 38,600 | 38,600 | 61,900 | 196,000 | 196,000 |
| Can stock clippings | 10,600 | 28,600 | 28,600 | 10,600 | 147,000 | 147,000 |
| Other wrought sheet/clippings | 11,400 | 33,200 | 32,800 | 11,800 | 175,000 | 172,000 |
| Casting | 3,980 | 6,910 | 6,910 | 3,980 | 30,100 | 30,100 |
| Borings and turnings | 5,620 | 12,800 | 12,800 | 5,620 | 65,700 | 65,700 |
| Dross and skimmings ${ }^{4}$ | 18,400 | 46,400 | 46,400 | 18,400 | 226,000 | 226,000 |
| Total new scrap | 112,000 | 167,000 | 166,000 | 112,000 | 840,000 | 837,000 |
| Old scrap: |  |  |  |  |  |  |
| Used castings | 8,690 | 26,500 | 26,500 | 8,690 | 133,000 | 133,000 |
| Used extrusion | 8,210 | 12,700 | 12,700 | 8,210 | 63,500 | 63,500 |
| Used cans (shredded, loose, baled) | 5,890 | 48,000 | 48,000 | 5,890 | 237,000 | 237,000 |
| Other wrought products | 20,500 | 24,200 | 24,200 | 20,500 | 127,000 | 127,000 |
| Fragmentized shredder (auto shredder) | 5,150 | 11,300 | 11,300 | 5,150 | 58,200 | 58,200 |
| Total old scrap | 48,400 | 123,000 | 123,000 | 48,400 | 618,000 | 618,000 |
| Total all classes | 160,000 | 289,000 | 289,000 | 161,000 | 1,460,000 | 1,460,000 |

${ }^{1}$ Data are rounded to no more than three significant digits; may not add to totals shown.
${ }^{2}$ May include revisions to previously published data.
${ }^{3}$ Includes data on imported aluminum-base scrap.
${ }^{4}$ Gross volume of dross and skimmings. Recoverable aluminum content ranges from $15 \%$ to $50 \%$ of gross weight.

TABLE 5
ESTIMATED ALUMINUM ALLOYS PRODUCED AT SECONDARY SMELTERS IN THE UNITED STATES IN MAY $2023^{1,2}$
(Metric tons)

|  | May |  |  |  | January-May |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Stocks, opening ${ }^{3}$ | Production | Net shipments | Stocks, closing | Production | Net shipments |
| Die-cast alloys: |  |  |  |  |  |  |
| $13 \% \mathrm{Si}, 360$, etc. ( $0.6 \% \mathrm{Cu}$, max.) | 2,830 | 2,700 | 2,700 | 2,830 | 13,500 | 13,500 |
| 380 and variations | 7,310 | 20,300 | 20,300 | 7,310 | 95,100 | 92,200 |
| Sand and permanent mold: |  |  |  |  |  |  |
| $95 / 5 \mathrm{Al}-\mathrm{Si}, 356$, etc. ( $0.6 \% \mathrm{Cu}$, max.) | 1,940 | 3,100 | 3,100 | 1,940 | 15,500 | 15,500 |
| No. 319 and variations | 1,420 | 1,390 | 1,390 | 1,420 | 6,940 | 6,940 |
| F-132 alloy and variations | 89 | 233 | 233 | 89 | 1,170 | 1,170 |
| Al-Zn alloys | 339 | 71 | 71 | 339 | 355 | 355 |
| Al-Si alloys ( $0.6 \%$ to $2.0 \% \mathrm{Cu}$ ) | 230 | 195 | 195 | 230 | 973 | 973 |
| $\mathrm{Al}-\mathrm{Cu}$ alloys (1.5\% Si, max.) | 139 | 724 | 724 | 139 | 3,620 | 3,620 |
| Other ${ }^{4}$ | 3,380 | 4,900 | 4,900 | 3,380 | 30,900 | 33,700 |
| Wrought alloys, extrusion billets | 16,000 | 61,200 | 61,200 | 16,000 | 306,000 | 306,000 |
| Total all alloys | 33,600 | 94,800 | 94,800 | 33,600 | 474,000 | 474,000 |
| Less: |  |  |  |  |  |  |
| Primary aluminum consumed | XX | 14,400 | XX | XX | 72,000 | XX |
| Primary silicon consumed | XX | 1,750 | XX | XX | 8,740 | XX |
| Other alloying ingredients consumed | XX | 851 | XX | XX | 4,260 | XX |
| Net metallic recovery from aluminum scrap consumed in production of secondary aluminum ingot ${ }^{5}$ | XX | 77,800 | XX | XX | 389,000 | XX |

XX Not applicable.
${ }^{1}$ Excludes integrated aluminum companies.
${ }^{2}$ Data are rounded to no more than three significant digits; may not add to totals shown.
${ }^{3}$ May include revisions to previously published data.
${ }^{4}$ Includes alloys $\mathrm{No} .12, \mathrm{Al}-\mathrm{Mg}, \mathrm{Al}-\mathrm{Zn}, \mathrm{Al}-\mathrm{Cu}, \mathrm{Al}-\mathrm{Si}-\mathrm{Cu}-\mathrm{Ni}$, aluminum-base hardeners, variations of these alloys, plus other aluminum alloys.
${ }^{5}$ No 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

| Period | (Cents per pound) |  |
| :---: | :---: | :---: |
|  | Midwest U.S. market price | LME <br> cash price Grade A |
| 2022: |  |  |
| May | 165.795 | 128.182 |
| June | 149.085 | 116.235 |
| July | 137.994 | 108.911 |
| August | 136.691 | 110.264 |
| September | 125.275 | 101.129 |
| October | 122.548 | 101.737 |
| November | 126.830 | 105.909 |
| December | 129.488 | 108.612 |
| January-December | 152.572 | 122.767 |
| 2023: |  |  |
| January | 141.000 | 112.881 |
| February | 139.175 | 109.624 |
| March | 131.935 | 103.858 |
| April | 131.764 | 106.168 |
| May | 127.088 | 102.837 |
| January-May | 134.192 | 107.074 |

Source: S\&P Global Platts Metals Week.

TABLE 7
AVERAGE BUYING PRICES FOR ALUMINUM SCRAP

| (Cents per pound) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Month | Used beverage cans | Mixed low copper clips | Old sheet | Old cast | Turnings (clean and dry) |
| 2022: |  |  |  |  |  |
| May | 106.25 | 81.00 | 76.75 | 77.63 | 73.13 |
| June | 93.70 | 74.70 | 69.60 | 70.60 | 66.60 |
| July | 76.88 | 68.50 | 63.75 | 65.25 | 59.38 |
| August | 77.50 | 67.13 | 61.88 | 62.63 | 56.88 |
| September | 72.80 | 65.60 | 63.30 | 63.20 | 52.40 |
| October | 73.00 | 65.75 | 61.25 | 61.00 | 48.50 |
| November | 72.38 | 66.00 | 62.00 | 61.75 | 48.00 |
| December | 79.30 | 66.80 | 64.50 | 64.40 | 48.80 |
| January-December | 92.88 | 74.05 | 70.83 | 70.33 | 63.28 |
| 2023: |  |  |  |  |  |
| January | 83.25 | 68.75 | 68.25 | 67.63 | 51.88 |
| February | 88.50 | 69.38 | 70.00 | 70.25 | 57.38 |
| March | 83.30 | 69.50 | 70.90 | 72.30 | 59.40 |
| April | 77.25 | 70.75 | 70.75 | 74.25 | 62.25 |
| May | 73.13 | 69.50 | 69.88 | 73.63 | 64.00 |
| January-May | 81.09 | 69.58 | 69.96 | 71.61 | 58.98 |

[^0]TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF ALUMINUM IN MAY $2023{ }^{1}$
(Metric tons)

| Country or locality | Metals and alloys, crude |  | Plates, sheets, bars, etc. |  | Scrap |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | January- |  | January- |  | January- |  | January- |
|  | May | May | May | May | May | May | May | May |
| Argentina | 18,300 | 64,200 | 4 | 21 | -- | -- | 18,300 | 64,200 |
| Australia | 59,100 | 125,000 | 38 | 84 | -- | -- | 59,200 | 125,000 |
| Austria | -- | (2) | 2,930 | 13,300 | 8 | 55 | 2,940 | 13,300 |
| Bahrain | 7,740 | 28,900 | 1,350 | 4,860 | -- | -- | 9,080 | 33,700 |
| Belgium | 187 | 655 | 1,080 | 6,480 | -- | -- | 1,270 | 7,130 |
| Brazil | -- | -- | 1,470 | 1,960 | 1,200 | 2,850 | 2,670 | 4,810 |
| Canada | 212,000 | 1,060,000 | 19,200 | 88,600 | 35,200 | 166,000 | 266,000 | 1,310,000 |
| Chile | -- | -- | -- | -- | 149 | 957 | 149 | 957 |
| China ${ }^{3}$ | 49 | 301 | 6,860 | 66,400 | 59 | 119 | 6,970 | 66,800 |
| Colombia | -- | -- | 180 | 1,020 | 726 | 3,990 | 906 | 5,010 |
| Costa Rica | -- | -- | 45 | 132 | 149 | 962 | 194 | 1,090 |
| France | 1,080 | 2,410 | 743 | 3,310 | 13 | 58 | 1,830 | 5,780 |
| Germany | 147 | 742 | 1,830 | 9,380 | 791 | 2,720 | 2,770 | 12,800 |
| Greece | -- | -- | 976 | 9,740 | 14 | 68 | 990 | 9,800 |
| Guatemala | -- | -- | -- | -- | 852 | 4,390 | 852 | 4,390 |
| Honduras | -- | -- | 278 | 774 | 260 | 1,230 | 538 | 2,000 |
| India | 4,770 | 23,600 | 913 | 6,320 | -- | -- | 5,680 | 30,000 |
| Indonesia | 99 | 99 | 920 | 4,400 | -- | -- | 1,020 | 4,500 |
| Italy | 163 | 1,210 | 1,140 | 5,160 | -- | (2) | 1,300 | 6,370 |
| Japan | -- | (2) | 4,020 | 17,700 | 47 | 75 | 4,070 | 17,800 |
| Korea, Republic of | 1,120 | 7,470 | 10,600 | 34,200 | 309 | 741 | 12,000 | 42,400 |
| Malaysia | -- | 1,070 | 477 | 2,090 | -- | -- | 477 | 3,170 |
| Mexico | 1,780 | 6,570 | 5,210 | 25,200 | 22,600 | 89,700 | 29,600 | 121,000 |
| Netherlands | 147 | 532 | 225 | 808 | -- | 433 | 373 | 1,770 |
| New Zealand | 1,790 | 7,270 | -- | 1 | -- | -- | 1,790 | 7,270 |
| Norway | 374 | 2,360 | 284 | 1,460 | -- | -- | 658 | 3,810 |
| Oman | 100 | 100 | 5,540 | 32,500 | -- | -- | 5,640 | 32,600 |
| Qatar | 8,380 | 45,800 | -- | (2) | -- | -- | 8,380 | 45,800 |
| Romania | -- | -- | 11 | 23 | -- | 111 | 11 | 134 |
| Russia | -- | 7,960 | -- | 25 | -- | -- | -- | 7,980 |
| Saudi Arabia | -- | 2,090 | 1,050 | 4,030 | -- | -- | 1,050 | 6,120 |
| South Africa | -- | 826 | 5,620 | 23,000 | 2,570 | 2,830 | 8,190 | 26,700 |
| Spain | 177 | 2,310 | 956 | 3,790 | 404 | 548 | 1,540 | 6,650 |
| Sweden | -- | 2,500 | 1,310 | 5,110 | -- | -- | 1,310 | 7,600 |
| Switzerland | -- | -- | 882 | 4,280 | -- | -- | 882 | 4,280 |
| Taiwan | 13 | 539 | 329 | 1,910 | -- | (2) | 342 | 2,450 |
| Thailand | 52 | 277 | 2,090 | 16,100 | 14 | 143 | 2,160 | 16,500 |
| Turkey | 215 | 1,080 | 1,560 | 17,400 | 20 | 852 | 1,800 | 19,400 |
| United Arab Emirates | 89,100 | 251,000 | 157 | 731 | 200 | 200 | 89,400 | 252,000 |
| United Kingdom | 3 | 97 | 605 | 2,110 | 23 | 302 | 632 | 2,510 |
| Vietnam | -- | -- | 1,530 | 7,940 | -- | -- | 1,530 | 7,940 |
| Other | 4 | 193 | 3,590 | 15,400 | 2,000 | 7,140 | 5,590 | 22,800 |
| Total | 407,000 | 1,640,000 | 85,900 | 438,000 | 67,600 | 286,000 | 560,000 | 2,370,000 |

-- Zero.
${ }^{1}$ Data are rounded to no more than three significant digits; may not add to totals shown.
${ }^{2}$ Less than $1 / 2$ unit.
${ }^{3}$ Includes Hong Kong.

Source: U.S. Census Bureau.

TABLE 9
U.S. EXPORTS OF ALUMINUM IN MAY $2023{ }^{1}$
(Metric tons)

| Country or locality | Metals and alloys, crude |  | Plates, sheets, bars, etc. |  | Scrap |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | January- |  | January- |  | January- |  | January- |  |
|  | May |  | May |  | May |  | May | May |
| Australia | 72 | 81 | 126 | 722 | -- | -- | 198 | 802 |
| Belgium | -- | -- | 142 | 1,250 | 1,040 | 3,440 | 1,180 | 4,690 |
| Brazil | -- | 45 | 260 | 2,140 | 393 | 2,820 | 654 | 5,010 |
| Canada | 6,640 | 29,300 | 30,900 | 144,000 | 11,600 | 52,600 | 49,100 | 226,000 |
| China ${ }^{2}$ | 122 | 400 | 1,080 | 5,410 | 25,100 | 87,500 | 26,300 | 93,300 |
| Colombia | -- | 3 | 45 | 162 | 164 | 412 | 209 | 576 |
| Dominican Republic | -- | 7 | 45 | 203 | 125 | 464 | 170 | 675 |
| France | 408 | 1,700 | 720 | 3,920 | 155 | 451 | 1,280 | 6,070 |
| Germany | 283 | 1,270 | 349 | 2,640 | 107 | 1,600 | 738 | 5,500 |
| Guatemala | -- | -- | -- | 31 | -- | -- | -- | 31 |
| India | 44 | 405 | 164 | 1,740 | 48,100 | 185,000 | 48,300 | 187,000 |
| Indonesia | -- | -- | 2 | 120 | 6,240 | 14,800 | 6,240 | 15,000 |
| Ireland | -- | 7 | 66 | 386 | 69 | 138 | 135 | 531 |
| Israel | (3) | 9 | 671 | 2,730 | -- | -- | 671 | 2,740 |
| Italy | 1 | 46 | 155 | 870 | 1,190 | 4,890 | 1,340 | 5,810 |
| Jamaica | -- | 8 | 39 | 54 | -- | -- | 39 | 61 |
| Japan | 130 | 411 | 885 | 4,290 | 3,170 | 15,800 | 4,190 | 20,500 |
| Korea, Republic of | 80 | 239 | 2,450 | 10,900 | 21,500 | 115,000 | 24,000 | 126,000 |
| Malaysia | 14,900 | 60,300 | 673 | 2,420 | 30,900 | 165,000 | 46,400 | 228,000 |
| Mexico | 13,600 | 67,100 | 29,300 | 124,000 | 17,400 | 73,600 | 60,300 | 265,000 |
| Netherlands | 5 | 516 | 37 | 220 | 260 | 3,720 | 301 | 4,460 |
| New Zealand | -- | 19 | 10 | 358 | -- | -- | 10 | 377 |
| Norway | -- | (3) | (3) | 5 | 91 | 822 | 91 | 827 |
| Pakistan | -- | 120 | 1 | 219 | 1,560 | 6,090 | 1,560 | 6,420 |
| Panama | (3) | 5 | 5 | 35 | -- | (3) | 5 | 40 |
| Philippines | 9 | 14 | 31 | 158 | 348 | 1,500 | 387 | 1,670 |
| Poland | (3) | 6 | 96 | 556 | -- | 21 | 97 | 583 |
| Romania | (3) | (3) | 109 | 555 | -- | -- | 109 | 555 |
| Saudi Arabia | -- | -- | 11 | 80 | -- | 62 | 11 | 142 |
| Singapore | -- | 30 | 75 | 995 | 20 | 837 | 95 | 1,860 |
| Spain | 6 | 6 | 178 | 794 | 532 | 2,180 | 716 | 2,980 |
| Taiwan | 40 | 313 | 553 | 2,260 | 3,390 | 19,300 | 3,980 | 21,900 |
| Thailand | 176 | 294 | 169 | 1,740 | 19,100 | 84,600 | 19,400 | 86,600 |
| Turkey | -- | 1 | 1,040 | 3,070 | 166 | 756 | 1,210 | 3,830 |
| United Arab Emirates | -- | 36 | 435 | 791 | 253 | 2,030 | 689 | 2,860 |
| United Kingdom | 56 | 85 | 884 | 4,350 | 405 | 845 | 1,340 | 5,280 |
| Vietnam | (3) | (3) | 25 | 230 | 2,040 | 9,140 | 2,070 | 9,370 |
| Other | 10 | 147 | 496 | 2,340 | 592 | 3,380 | 1,100 | 5,860 |
| Total | 36,600 | 163,000 | 72,300 | 327,000 | 196,000 | 858,000 | 305,000 | 1,350,000 |

-- Zero.
${ }^{1}$ Data are rounded to no more than three significant digits; may not add to totals shown.
${ }^{2}$ Includes Hong Kong.
${ }^{3}$ Less than $1 / 2$ unit.

Source: U.S. Census Bureau.


[^0]:    Source: Fastmarkets-AMM.

