Mineral Industry Surveys

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ALUMINUM IN MARCH 2025

Domestic primary aluminum production in March 2025 was 57,000 metric tons (t). The average daily production in March 2025 was 1,840 t, compared with 1,850 t in February 2025, unchanged from that in March 2024, and 13% less than that in March 2023 (fig. 1, table 1).

Total aluminum recovered from scrap in March 2025 was 327,000 t, slightly more than that in February 2025, 3% more than that in March 2024, and 14% more than that in March 2023. Of this, 192,000 t of aluminum was recovered from new scrap, and 135,000 t was recovered from old scrap (fig. 1, table 1).

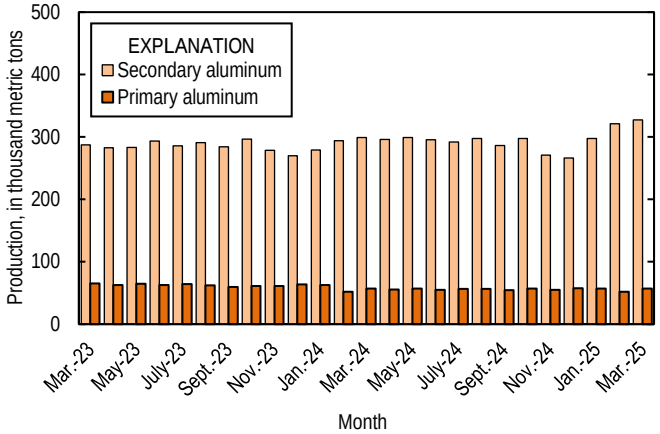

Figure 1. Monthly domestic primary and secondary aluminum production from March 2023 through March 2025.

Prices and Stocks

The March 2025 average U.S. spot market price of primary aluminum ingot was $1.59 per pound, slightly more than that in February 2025, 33% more than that in March 2024, and 21% more than that in March 2023. The average cash price in March 2025 of primary aluminum ingot on the London Metal Exchange (LME) was $1.21 per pound, compared with $1.20 per pound in February 2025, 20% more than that in March 2024, and 16% more than that in March 2023 (fig. 2, table 6).

Inventories of primary aluminum in LME-approved warehouses, including off-warrant inventories, in the United States were 12,548 t at the end of March 2025, 54 t more than those at the end of February 2025. Inventories of aluminum alloy (North American Special Aluminum Alloy Contract) in LME-approved warehouses, including off-warrant inventories, in the United States were 379 t at the end of March 2025, 3% less than those at the end of February 2025 (London Metal Exchange Ltd., 2025a, b).

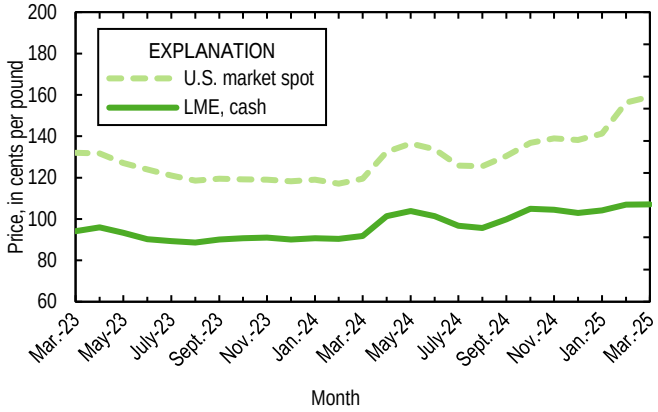

Figure 2. Average monthly prices for primary aluminum from March 2023 through March 2025. Source: S&P Global Platts Metals Week.

U.S. Trade

Total imports of aluminum for consumption increased by 18% in the first quarter of 2025 compared with those in the same period of 2024. Imports of crude metal and alloys; semi-fabricated products; and scrap increased by 18%, 11%, and 31%, respectively. The leading sources of total aluminum imports in the first quarter of 2025 were Canada (54%), United Arab Emirates (11%), and Mexico (5%). For crude metal and alloy imports, the leading sources were Canada (66%), the United Arab Emirates (16%), and Argentina and India (4% each). For semi-fabricated products, the leading sources were the Republic of Korea (18%), Canada (17%), and China, including Hong Kong (7%). For scrap, the leading sources were Canada (53%) and Mexico (34%) (table 8).

Total exports of aluminum decreased by 11% in the first quarter of 2025 compared with those in the same period of 2024. Exports of crude metal and alloys and semi-fabricated

products decreased by 37% and 14%, respectively, while scrap exports decreased slightly compared with the same period in the previous year. The leading destinations for total aluminum exports during the first quarter of 2025 were Mexico (18%), Thailand (17%), Canada (16%), Malaysia (14%), and India (10%). For scrap, the leading destinations were Thailand (26%); India (15%); Malaysia (14%); China, including Hong Kong (13%); and the Republic of Korea (11%). Scrap accounted for 64% of all aluminum exports in the first quarter of 2025 (table 9).

Update

United States.—On June 3, tariffs on aluminum and aluminum derivative products imported to the United States from all countries, except the United Kingdom, were increased from 25% to 50% ad valorem. Imports from the United Kingdom remained subject to the 25% rate. The action, authorized by the President of the United States under section 232 of the Trade Expansion Act of 1962, was intended to increase capacity in the U.S. aluminum industry to meet national security requirements (Executive Office of the President, 2025; Smout and Shalal, 2025).

References Cited

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London Metal Exchange Ltd., 2025a, Off-warrant stock reporting: London, United Kingdom, London Metal Exchange Ltd. (Accessed June 6, 2025, via https://www.lme.com/en/Market-data/Reports-and-data/Warehouse-and-stocks-reports/Off-warrant-stock-reporting.)

London Metal Exchange Ltd., 2025b, Stocks breakdown report: London, United Kingdom, London Metal Exchange Ltd. (Accessed June 6, 2025, via https://www.lme.com/Market-data/Reports-and-data/Warehouse-and-stocks-reports/Stock-breakdown-report.)

Smout, Alistair, and Shalal, Andrea, 2025, US skips hike in UK steel and aluminum tariffs as both countries eye quick trade deal: Thomson Reuters, June 3. (Accessed June 10, 2025, at https://www.reuters.com/world/uk/uk-trade-minister-meet-ustr-greer-discuss-implementing-tariff-deal-2025-06-02/.)

A worksheet has been added to the Excel table files that includes a button to remove text and numerical footnotes from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled "RemoveTextButton" for instructions on how to use the tool. Note: you must download the excel file to use the tool.

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Table 1. Components of aluminum supply.
[Data are rounded to no more than three significant digits, except "Primary production"; may not add to totals shown. Data are in thousand metric tons. Preliminary data are marked with a superscript "p". Revised data are marked with a superscript "r". NA, not available.]

Period	Primary production	Secondary recovery[1]			Imports for consumption			Total new supply[2]	Stocks, end of period[3]
		New	Old	Total	Metals and alloys, crude	Plates, sheets, bars, etc.	Total		
2024[p]									
Total	676	2,120	1,560	3,680	3,600	1,220	4,820	9,180	1,690
March	57	180	136	316	270	96	366	739	1,730
April	55	179	135	313	330	113	443	812	1,720
May	57	182	134	316	270	120	390	763	1,800
June	55	178	134	312	340	106	446	813	1,690
July	57	174	134	309	293	113	406	771	1,690
August	56	181	133	314	268	94	362	733	1,800
September	55	175	127	303	332	94	426	783	1,660
October	57	182	133	315	297	96	393	765	1,680
November	55	168	120	288	263	110	373	716	1,710
December	57	165	119	284	297	86	383	724	1,690
January–March	172	531 [r]	392 [r]	923 [r]	911	292	1,200	2,300 [r]	NA
2025									
January	57	176	122	298	335	125	460	815	1,730
February	52	184	137	321	298	101	399	772	NA
March	57	192	135	327	439	99	537	921	NA
January–March	166	552	394	946	1,070	1,210	1,400	2,510	NA

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

Table 2. Estimated full coverage consumption of and metallic recover from purchased new and old aluminum scrap.
[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in thousand metric tons. Preliminary data are marked with a superscript "p". Revised data are marked with a superscript "r".]

Period	Secondary smelters		Independent mill fabricators		Foundries		Other consumers		Total	
	Consumption	Metal recovery	Consumption	Metal recovery	Consumption	Metal recovery	Consumption	Metal recovery	Consumption	Metal recovery
2024[p]										
Total	2,740	2,070	1,650	1,510	101	93	3	3	4,500	3,680
March	232	176	145	132	8	8	([1])	([1])	386	316
April	234	177	141	128	8	8	([1])	([1])	383	313
May	228	173	148	135	8	8	([1])	([1])	384	316
June	227	173	144	131	8	8	([1])	([1])	380	312
July	227	171	142	129	8	8	([1])	([1])	378	309
August	227	171	148	135	8	8	([1])	([1])	384	314
September	229	173	134	122	8	8	([1])	([1])	372	303
October	232	174	145	132	8	8	([1])	([1])	386	315
November	225	170	121	110	8	8	([1])	([1])	354	288
December	224	170	116	106	8	8	([1])	([1])	349	284
January–March	686 [r]	523 [r]	413 [r]	376 [r]	25 [r]	23 [r]	1	1	1,130 [r]	923 [r]
2025										
January	227	172	129	118	8	8	([1])	([1])	365	298
February	230	175	151	138	8	8	([1])	([1])	389	321
March	236	178	154	141	8	8	([1])	([1])	399	327
January–March	693	525	434	397	25	23	1	1	1,150	946

[1]Less than ½ unit.

Table 3. Consumption of and recovery from purchased new and old aluminum scrap in March 2025.
[Data are rounded to no more than three significant digits; may not add to totals shown.]

Aluminum scrap	Consumption (metric tons)		Calculated metallic recovery (metric tons)	
	Tabulated reports	Estimated full coverage	Tabulated reports	Estimated full coverage
Secondary smelters	197,000	236,000	148,000	178,000
Independent mill fabricators	139,000	154,000	127,000	141,000
Foundries	7,130	8,550	6,530	7,830
Other consumers	242	290	242	290
Total	343,000	399,000	282,000	327,000

Table 4. Purchased and toll-treated aluminum-base scrap in March 2025.
[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons.]

Aluminum-base scrap	March				January–March	
	Stocks, opening[1]	Net receipts[2]	Melted or consumed	Stocks, closing	Net receipts[2]	Melted or consumed
New scrap						
Extrusions	23,300	49,300	49,400	23,300	148,000	148,000
Can stock clippings	8,290	35,100	35,100	8,290	100,000	100,000
Other wrought sheet/clippings	10,100	43,700	43,400	10,400	118,000	117,000
Castings	3,470	6,310	6,310	3,470	19,000	19,100
Borings and turnings	3,950	26,500	26,500	3,950	76,300	76,300
Dross and skimmings[3]	11,900	49,700	49,700	11,900	144,000	144,000
Total new scrap	61,000	211,000	210,000	61,300	606,000	605,000
Old scrap						
Used castings	13,000	28,000	28,000	13,000	83,700	83,600
Used extrusions	7,740	13,400	13,400	7,740	40,300	40,300
Used cans (shredded, loose, baled)	8,240	46,600	46,600	8,240	142,000	142,000
Other wrought products	21,000	30,500	30,500	21,000	80,400	80,400
Fragmentized shredder (auto shredder)	4,400	13,800	13,800	4,400	40,700	40,800
Total old scrap	54,400	132,000	132,000	54,400	387,000	387,000
Grand total, all classes	115,000	343,000	343,000	116,000	993,000	992,000

[1]May include revisions to previously published data.
[2]Includes data on imported aluminum-base scrap.
[3]Gross volume of dross and skimmings. Recoverable aluminum content ranges from 15% to 50% of gross weight.

Table 5. Aluminum alloys produced at secondary smelters in the United States in March 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Excludes integrated aluminum companies. Data are in metric tons. —, not applicable.]

Aluminum alloys	March				January–March	
	Stocks, opening[1]	Production	Net shipments	Stocks, closing	Production	Net shipments
Die-cast alloys						
13% Si, 360, etc. (0.6% Cu, max.)	3,160	2,770	2,770	3,160	8,300	9,510
380 and variations	6,990	20,300	20,300	6,990	60,800	61,600
Sand and permanent mold						
95/5 Al-Si, 356, etc. (0.6% Cu, max.)	1,940	2,130	2,130	1,940	6,380	6,380
No. 319 and variations	1,200	1,390	1,390	1,200	4,170	4,170
F-132 alloy and variations	89	233	233	89	699	699
Al-Zn alloys	339	71	71	339	213	213
Al-Si alloys (0.6% to 2.0% Cu)	230	195	195	230	584	584
Al-Cu alloys (1.5% Si, max.)	139	724	724	139	2,170	2,170
Other[2]	4,070	4,480	4,480	4,070	13,400	13,400
Other						
Wrought alloys, extrusion billets	20,900	62,600	62,600	20,900	188,000	188,000
Total all alloys	39,000	94,900	94,900	39,000	285,000	287,000
Less						
Primary aluminum consumed	—	15,700	—	—	47,000	—
Primary silicon consumed	—	1,680	—	—	5,040	—
Other alloying ingredients consumed	—	838	—	—	2,510	—
Other						
Net metallic recovery from aluminum scrap consumed in production of secondary aluminum ingot[3]	—	76,700	—	—	230,000	—

[1]May include revisions to previously published data.

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

[3]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.
[Data are in cents per pound. Source: S&P Global Platts Metals Week.]

Period	Midwest U.S. market price	LME cash price Grade A
2024		
March	119.438	100.791
April	132.536	113.285
May	136.524	116.334
June	133.738	113.154
July	125.870	107.137
August	125.571	105.865
September	130.393	111.185
October	136.848	117.840
November	138.940	117.150
December	138.200	115.126
January–December	129.509	109.697
2025		
January	141.216	116.777
February	156.350	120.336
March	159.083	120.509
January–March	152.216	119.207

Table 7. Average buying prices for aluminum scrap.
[Data are in cents per pound. Source: Fastmarkets–AMM.]

Period	Used beverage cans	Mixed low copper clips	Old sheet	Old cast	Turnings (clean and dry)
		2024			
March	78.00	71.13	73.00	78.00	72.50
April	87.88	73.00	76.25	79.50	74.63
May	92.60	78.60	82.60	82.00	80.20
June	94.50	79.50	82.25	82.00	82.00
July	92.50	77.25	81.50	83.00	82.50
August	90.90	76.50	77.00	79.50	80.10
September	99.00	76.25	77.00	78.00	77.13
October	104.00	77.20	78.20	79.10	76.90
November	104.25	80.50	81.75	81.00	78.25
December	105.00	77.88	80.38	81.50	80.50
January–December	91.56	75.57	77.67	79.13	77.06
		2025			
January	111.40	80.00	83.40	81.50	82.70
February	115.75	85.00	87.50	84.25	89.00
March	115.13	86.50	89.00	85.25	90.00
January–March	114.09	83.83	86.63	83.67	87.23

Table 8. U.S. imports for consumption of aluminum in March 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons. Source: U.S. Census Bureau (https://usatrade.census.gov/).]

Country or locality	Metals and alloys, crude		Plates, sheets, bars[1]		Scrap		Total	
	March	January–March	March	January–March	March	January–March	March	January–March
Argentina	18,000	39,400	16	50	0	0	18,000	39,500
Australia	5,370	18,700	72	94	0	0	5,440	18,800
Bahrain	17,500	34,100	1,990	14,500	0	0	19,500	48,600
Belgium	39	57	1,970	5,850	25	25	2,030	5,930
Brazil	0	12,000	607	1,700	0	579	607	14,300
Canada	250,000	707,000	17,600	56,200	41,500	108,000	309,000	871,000
Chile	0	0	11	11	85	299	96	310
China[2]	21	154	3,700	22,700	9	55	3,730	22,900
Colombia	0	0	383	1,090	1,190	2,880	1,570	3,970
Costa Rica	0	0	89	156	264	592	353	748
France	449	560	316	1,340	36	72	801	1,970
Germany	28	86	1,520	3,490	1,170	2,650	2,720	6,220
Greece	0	0	3,040	10,100	77	139	3,110	10,200
Guatemala	0	0	0	0	1,650	3,820	1,650	3,820
Honduras	0	0	535	1,750	658	1,150	1,190	2,900
India	27,400	38,500	1,530	4,880	0	0	28,900	43,300
Indonesia	5,210	5,210	815	2,730	0	0	6,020	7,940
Italy	0	497	1,330	3,170	226	325	1,560	3,990
Japan	([3])	22	558	1,790	12	222	570	2,030
Korea, Republic of	3,050	4,460	19,300	58,700	121	252	22,500	63,400
Malaysia	3,420	3,420	669	2,760	4	8	4,100	6,190
Mexico	1,120	4,240	4,020	11,500	28,100	69,500	33,200	85,200
Netherlands	241	374	68	162	48	82	356	618
New Zealand	0	1,510	0	3	0	0	0	1,510
Norway	39	39	717	3,420	0	0	756	3,460
Oman	0	0	7,890	20,800	0	0	7,890	20,800
Qatar	8,600	8,700	1	2	0	0	8,600	8,700
Romania	0	0	254	1,330	0	0	254	1,330
Saudi Arabia	0	0	5,970	20,000	0	0	5,970	20,000
South Africa	1,890	19,700	2,000	5,520	0	0	3,890	25,200
Spain	390	1,140	2,300	5,440	163	410	2,860	6,990
Sweden	0	0	1,570	2,980	0	0	1,570	2,980
Switzerland	0	14	24	82	0	0	24	96
Taiwan	40	67	178	646	0	7	218	721
Thailand	227	733	3,240	11,600	18	27	3,490	12,400
Turkey	0	23	1,910	6,310	340	1,160	2,250	7,480
United Arab Emirates	95,600	171,000	332	1,390	0	96	95,900	173,000
United Kingdom	38	66	1,410	2,940	2,350	4,200	3,800	7,200
Vietnam	0	0	1,610	3,590	0	0	1,610	3,590
Other	0	3	9,090	33,300	3,460	8,020	12,600	41,300
Total	438,000	1,070,000	98,600	324,000	81,500	205,000	619,000	1,600,000

[1]Includes castings, forgings, and unclassified semifabricated forms.

[2]Includes Hong Kong.

[3]Less than ½ unit.

Table 9. U.S. exports of aluminum in March 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons. Source: U.S. Census Bureau (https://usatrade.census.gov/).]

Country or locality	Metals and alloys, crude		Plates, sheets, bars[1]		Scrap		Total	
	March	January–March	March	January–March	March	January–March	March	January–March
Australia	119	265	100	369	0	0	219	634
Belgium	0	0	61	332	552	1,870	613	2,200
Brazil	(2)	1	359	833	492	1,410	850	2,250
Canada	2,910	16,400	27,000	77,600	9,590	27,600	39,500	122,000
China[3]	131	443	1,070	2,830	23,500	65,300	24,700	68,600
Colombia	1,570	1,570	38	244	164	383	1,780	2,200
Dominican Republic	0	8	11	38	0	0	11	46
France	483	1,690	535	1,690	178	590	1,200	3,970
Germany	258	551	507	1,180	284	672	1,050	2,400
Guatemala	0	0	1	6	0	0	1	6
India	65	201	454	1,040	27,300	73,600	27,800	74,800
Indonesia	0	0	(2)	11	5,510	12,500	5,510	12,500
Ireland	1	1	8	18	0	0	9	19
Israel	7	13	393	1,290	0	0	400	1,300
Italy	15	24	156	429	238	661	409	1,110
Jamaica	0	1	2	16	0	0	2	17
Japan	54	158	838	2,620	2,150	5,570	3,040	8,350
Korea, Republic of	20	25	1,900	5,520	15,900	53,000	17,800	58,600
Malaysia	6,650	37,900	264	675	25,500	66,200	32,400	105,000
Mexico	12,600	39,400	23,400	66,700	9,400	28,900	45,400	135,000
Netherlands	(2)	3	37	107	471	1,050	508	1,160
New Zealand	0	0	68	161	0	0	68	161
Norway	0	5	2	17	0	0	2	22
Pakistan	72	184	0	0	1,910	5,690	1,980	5,870
Panama	0	0	2	8	0	0	2	8
Philippines	36	36	23	83	0	60	59	179
Poland	(2)	(2)	104	245	0	0	104	245
Romania	(2)	(2)	81	200	0	0	81	200
Russia	0	0	0	0	0	0	0	0
Saudi Arabia	0	0	8	60	0	20	8	80
Singapore	230	434	358	815	276	448	864	1,700
Spain	0	3	163	676	277	1,370	440	2,050
Taiwan	14	32	436	1,030	1,340	5,020	1,790	6,090
Thailand	121	730	54	103	43,600	126,000	43,800	127,000
Turkey	0	(2)	374	1,210	96	246	469	1,450
United Arab Emirates	5	293	8	61	410	662	423	1,020
United Kingdom	43	79	466	1,370	20	136	529	1,590
Vietnam	0	0	61	349	1,920	6,140	1,990	6,490
Other	55	111	528	1,230	451	1,880	1,030	3,210
Total	25,500	101,000	59,900	171,000	171,000	487,000	257,000	759,000

[1]Includes castings, forgings, and unclassified semifabricated forms.

[2]Less than ½ unit.

[3]Includes Hong Kong.