

Mineral Industry Surveys

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ALUMINUM IN JANUARY 2025

Domestic primary aluminum production in January 2025 was 57,000 metric tons (t). The average daily production in January 2025 was 1,850 t, unchanged from that in December 2024, 9% less than that in January 2024, and 10% less than that in January 2023 (fig. 1, table 1).

Total aluminum recovered from scrap in January 2025 was 297,000 t, 5% more than that in December 2024 (revised), compared with 296,000 t in January 2024 (revised), and 6% more than that in January 2023. Of this, 176,000 t of aluminum was recovered from new scrap, and 122,000 t was recovered from old scrap (due to rounding, does not equal total) (fig. 1, table 1).

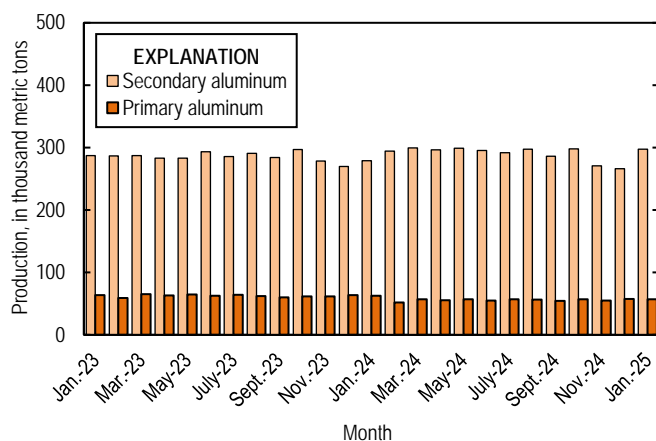


Figure 1. Monthly domestic primary and secondary aluminum production from January 2023 through January 2025.

Prices and Stocks

The January 2025 average U.S. spot market price of primary aluminum ingot was \$1.41 per pound, slightly more than that in December 2024, 19% more than that in January 2024, and unchanged from that in January 2023. The average cash price in January 2025 of primary aluminum ingot on the London Metal Exchange (LME) was \$1.17 per pound, slightly more than that in December 2024, 17% more than that in January 2024, and 3% more than that in January 2023 (fig. 2, table 6).

Inventories of primary aluminum in LME-approved warehouses, including off-warrant inventories, in the United States were 13,710 t at the end of January 2025, 13% less than those at the end of December 2024. Inventories of aluminum alloy (North American Special Aluminum Alloy Contract) in LME-approved warehouses, including off-warrant inventories, in the United States were 548 t at the end of January 2025, 7% less than those at the end of December 2024 (London Metal Exchange Ltd., 2025a, b).

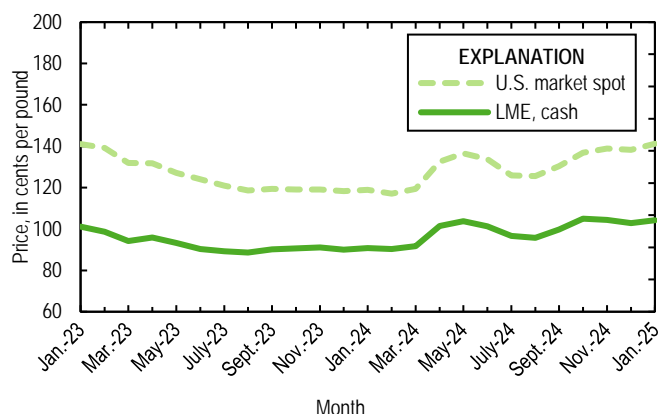


Figure 2. Average monthly prices for primary aluminum from January 2023 through January 2025. Source: S&P Global Platts Metals Week.

Update

United States.—A 25% tariff on imported aluminum and derivative products went into effect on March 12. (See Aluminum in December 2024.) On March 13, the Government of Canada imposed a 25% tariff on aluminum and aluminum derivative products imported from the United States. The action was in response to tariffs imposed on Canadian exports by the United States (Department of Finance Canada, 2025; Rizkala, 2025; U.S. Customs and Border Protection, 2025).

Aluminum products manufacturer Novelis Inc. (Atlanta, GA) will permanently close two facilities; one in Fairmont, WV, and another in Richmond, VA. The Richmond facility, which produces rolled aluminum sheet, will close on May 30. The Fairmont facility, a supplier of aluminum sheet, fin, and foil

products, will close on June 30. The closures are part of the company’s long-term growth strategy (Toto, 2025).

Global.—On March 17, Norsk Hydro ASA (Norway) began construction on an aluminum recycling facility in Torija, Spain. With a planned capacity of 120,000 metric tons per year (t/yr) of aluminum extrusion ingot, the plant will consume up to 70,000 t/yr of post-consumer scrap and supply the construction, energy, and transportation industries throughout the Iberian Peninsula (Norsk Hydro ASA, 2025).

References Cited

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- London Metal Exchange Ltd., 2025b, Stocks breakdown report: London, United Kingdom, London Metal Exchange Ltd. (Accessed April 10, 2025, via <https://www.lme.com/Market-data/Reports-and-data/Warehouse-and-stocks-reports/Stock-breakdown-report>.)
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- U.S. Customs and Border Protection, 2025, Guidance—Import duties on imports of aluminum and aluminum derivative products: Cargo Systems Messaging Service Bulletin no. 64348288, March 7. (Accessed March 27, 2025, at https://content.govdelivery.com/bulletins/gd/USDHSCBP-3d5e080?wgt_ref=USDHSCBP_WIDGET_2.)

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.]

Preliminary data are marked with a superscript ^p . Revised data are marked with a superscript ^r . N/A, 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	2,110 ^r	1,560 ^r	3,670 ^r	3,600	1,220	4,820	9,170 ^r	NA
January	63	173 ^r	123 ^r	296 ^r	297	98	395	753 ^r	1,780
February	52	177 ^r	133 ^r	311 ^r	344	98	442	805 ^r	1,770
March	57	180 ^r	136 ^r	316 ^r	270	96	366	739 ^r	1,730
April	55	178 ^r	135 ^r	313 ^r	330	113	443	811 ^r	1,720
May	57	181 ^r	134 ^r	315 ^r	270	120	390	762 ^r	1,800
June	55	178 ^r	134 ^r	312 ^r	340	106	446	813 ^r	1,690
July	57	174 ^r	134 ^r	308 ^r	293	113	406	771 ^r	1,690
August	56	181 ^r	133 ^r	314 ^r	268	94	362	732 ^r	1,800
September	55	175 ^r	127 ^r	303 ^r	332	94	426	783 ^r	1,660
October	57	182 ^r	133 ^r	315 ^r	297	96	393	764 ^r	1,680
November	55	167 ^r	120 ^r	288 ^r	263	110	373	716 ^r	1,710
December	57	164 ^r	119 ^r	283 ^r	297	86	383	723 ^r	1,690
2025									
January	57	176	122	297	335	125	460	814	NA

¹Metallic recovery from purchased, tolled, or imported scrap, expanded for full coverage of industry.²Primary production, secondary recovery, and imports for consumption.³Inventory 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 ^r	2,070 ^r	1,650	1,510	101	93	3	3 ^r	4,490 ^r	3,670 ^r
January	225 ^r	172 ^r	127	116	8	8	(¹)	(¹)	361 ^r	296 ^r
February	229 ^r	175 ^r	141	128	8	8	(¹)	(¹)	378 ^r	311 ^r
March	232 ^r	176 ^r	145	132	8	8	(¹)	(¹)	386 ^r	316 ^r
April	234 ^r	177 ^r	141	128	8	8	(¹)	(¹)	383 ^r	313 ^r
May	228 ^r	173 ^r	148	135	8	8	(¹)	(¹)	384 ^r	315 ^r
June	227 ^r	173 ^r	144	131	8	8	(¹)	(¹)	380 ^r	312 ^r
July	227 ^r	171 ^r	142	129	8	8	(¹)	(¹)	378 ^r	308 ^r
August	227 ^r	171 ^r	148	135	8	8	(¹)	(¹)	384 ^r	314 ^r
September	229 ^r	172 ^r	134	122	8	8	(¹)	(¹)	372 ^r	303 ^r
October	232 ^r	174 ^r	145	132	8	8	(¹)	(¹)	386 ^r	315 ^r
November	225 ^r	170 ^r	120 ^r	110	8	8	(¹)	(¹)	354 ^r	288 ^r
December	224 ^r	169 ^r	116	106	8	8	(¹)	(¹)	348 ^r	283 ^r
2025										
January	227	172	129	118	8	8	(¹)	(¹)	365	297

¹Less than ½ unit.

Table 3. Consumption of and recovery from purchased new and old aluminum scrap in January 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	189,000	227,000	143,000	172,000
Independent mill fabricators	118,000	129,000	108,000	118,000
Foundries	7,040	8,450	6,440	7,730
Other consumers	242	290	242	290
Total	315,000	365,000	257,000	297,000

Table 4. Purchased and toll-treated aluminum-base scrap in January 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	Stocks, opening¹	Net receipts²	Melted or consumed	Stocks, closing
New scrap				
Extrusions	22,500	49,600	49,500	22,500
Can stock clippings	8,290	32,300	32,300	8,290
Other wrought sheet/clippings	9,970	33,900	33,800	10,000
Castings	3,540	6,110	6,190	3,470
Borings and turnings	3,950	24,800	24,800	3,950
Dross and skimmings ³	11,900	48,100	48,100	11,900
Total new scrap	60,100	195,000	195,000	60,100
Old scrap				
Used castings	12,900	27,700	27,600	13,000
Used extrusions	7,740	13,400	13,400	7,740
Used cans (shredded, loose, baled)	8,240	46,200	46,200	8,240
Other wrought products	21,000	19,400	19,400	21,000
Fragmentized shredder (auto shredder)	4,410	13,300	13,300	4,400
Total old scrap	54,200	120,000	120,000	54,400
Grand total, all classes	114,000	315,000	315,000	114,000

¹May include revisions to previously published data.²Includes data on imported aluminum-base scrap.³Gross 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 January 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	Stocks, opening ¹	Production	Net shipments	Stocks, closing
Die-cast alloys				
13% Si, 360, etc. (0.6% Cu, max.)	4,370	2,770	3,970	3,160
380 and variations	7,750	20,300	21,000	6,990
Sand and permanent mold				
95/5 Al-Si, 356, etc. (0.6% Cu, max.)	1,940	2,130	2,130	1,940
No. 319 and variations	1,200	1,390	1,390	1,200
F-132 alloy and variations	89	233	233	89
Al-Zn alloys	339	71	71	339
Al-Si alloys (0.6% to 2.0% Cu)	230	195	195	230
Al-Cu alloys (1.5% Si, max.)	139	724	724	139
Other ²	4,070	4,480	4,480	4,070
Other				
Wrought alloys, extrusion billets	17,900	66,000	66,000	17,900
Total all alloys	38,000	98,300	100,000	36,000
Less				
Primary aluminum consumed	—	18,600	—	—
Primary silicon consumed	—	1,680	—	—
Other alloying ingredients consumed	—	838	—	—
Other				
Net metallic recovery from aluminum scrap consumed in production of secondary aluminum ingot ³	—	77,200	—	—

¹May include revisions to previously published data.

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

³No 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		
January	118.966	99.514
February	117.083	98.984
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

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					
January	74.13	69.13	70.25	72.13	68.63
February	76.00	69.90	71.80	73.80	71.40
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

Table 8. U.S. imports for consumption of aluminum in January 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]

Country or locality	Metals and alloys, crude	Plates, sheets, bars ¹	Scrap	Total
Argentina	12,100	34	0	12,100
Australia	5,230	22	0	5,250
Austria	0	1,520	0	1,520
Bahrain	12,700	9,950	0	22,700
Belgium	0	2,070	0	2,070
Brazil	0	282	371	653
Canada	248,000	20,100	36,400	304,000
Chile	0	0	60	60
China ²	58	12,400	39	12,500
Colombia	0	366	333	698
Costa Rica	0	8	136	144
France	15	446	17	479
Germany	58	1,100	893	2,050
Greece	0	4,980	41	5,020
Guatemala	0	0	1,210	1,210
Honduras	0	765	142	906
India	6,280	1,380	0	7,670
Indonesia	0	497	0	497
Italy	497	1,160	0	1,650
Japan	2	818	157	978
Korea, Republic of	727	21,400	0	22,100
Malaysia	0	1,610	2	1,610
Mexico	354	3,760	19,800	23,900
Netherlands	103	84	0	187
New Zealand	1,230	3	0	1,240
Norway	0	1,420	0	1,420
Oman	0	5,900	0	5,900
Qatar	101	0	0	101
Romania	0	427	0	427
Russia	0	0	0	0
Saudi Arabia	0	4,570	0	4,570
South Africa	0	1,340	0	1,340
Spain	566	1,880	146	2,590
Sweden	0	794	0	794
Switzerland	14	19	0	33
Taiwan	27	223	7	257
Thailand	280	3,620	2	3,900
Turkey	19	2,630	742	3,400
United Arab Emirates	46,900	489	0	47,400
United Kingdom	12	836	487	1,340
Vietnam	0	919	0	919
Other	2	15,100	2,340	17,400
Total	335,000	125,000	63,400	523,000

¹Includes castings, forgings, and unclassified semifabricated forms.

²Includes Hong Kong.

Table 9. U.S. exports of aluminum in January 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, etc. ¹	Scrap	Total
Australia	140	115	0	255
Belgium	0	186	820	1,010
Brazil	1	241	390	631
Canada	6,520	25,900	9,710	42,200
China ²	197	963	19,900	21,100
Colombia	0	154	61	215
Dominican Republic	1	20	0	20
France	529	557	215	1,300
Germany	174	465	210	848
Guatemala	0	5	0	5
India	130	313	22,000	22,500
Indonesia	0	2	3,600	3,600
Ireland	0	4	0	4
Israel	(³)	479	0	479
Italy	(³)	132	100	233
Jamaica	1	2	0	3
Japan	34	833	1,380	2,250
Korea, Republic of	2	1,660	17,200	18,800
Malaysia	13,300	286	17,200	30,800
Mexico	14,900	21,800	9,990	46,700
Netherlands	(³)	34	278	312
New Zealand	0	87	0	87
Norway	5	1	0	6
Pakistan	76	0	2,030	2,110
Panama	0	6	0	6
Philippines	0	26	21	47
Poland	0	50	0	50
Romania	(³)	65	0	65
Russia	0	0	0	0
Saudi Arabia	0	26	0	26
Singapore	58	246	0	303
Spain	3	345	385	733
Taiwan	18	313	2,230	2,560
Thailand	555	22	43,000	43,600
Turkey	(³)	569	93	663
United Arab Emirates	0	52	20	72
United Kingdom	2	361	0	363
Vietnam	0	220	2,130	2,350
Other	14	373	432	819
Total	36,600	56,900	153,000	247,000

¹Includes castings, forgings, and unclassified semifabricated forms.

²Includes Hong Kong.

³Less than ½ unit.