Mineral Industry Surveys

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ALUMINUM IN JULY 2025

Domestic primary aluminum production in July 2025 was 56,000 metric tons (t). The average daily production in July 2025 was 1,790 t, 1% less than that in June 2025, 2% less than that in July 2024, and 13% less than that in July 2023 (fig. 1, table 1).

Total aluminum recovered from scrap in July 2025 was 297,000 t, 1% less than that in June 2025 (revised), 4% less than that in July 2024, and 4% more than that in July 2023. Of this, 161,000 t of aluminum was recovered from new scrap, and 137,000 t was recovered from old scrap (due to rounding, does not equal total) (fig. 1, table 1).

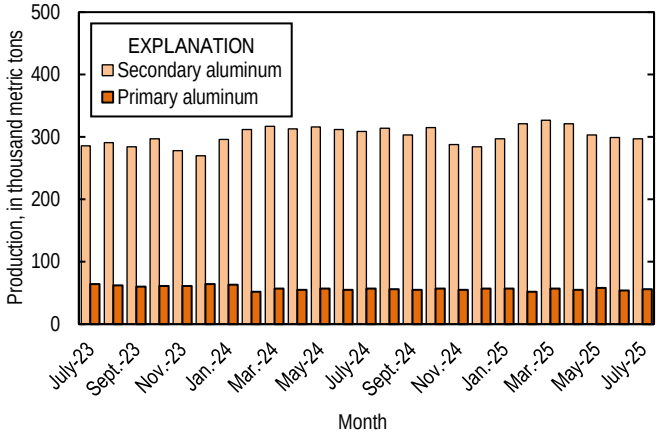

Figure 1. Monthly domestic primary and secondary aluminum production from July 2023 through July 2025.

Prices and Stocks

The July 2025 average U.S. spot market price of primary aluminum ingot was $1.86 per pound, 8% more than that in June 2025, 48% more than that in July 2024, and 54% more than that in July 2023. The average cash price in July 2025 of primary aluminum ingot on the London Metal Exchange (LME) was $1.18 per pound, 3% more than that in June 2025, 10% more than that in July 2024, and 21% more than that in July 2023 (fig. 2, table 6).

Inventories of primary aluminum in LME-approved warehouses, including off-warrant inventories, in the United States were 8,776 t at the end of July 2025, 24% less than those at the end of June 2025. Inventories of aluminum alloy (North American Special Aluminum Alloy Contract) in LME-approved warehouses, including off-warrant inventories, in the United States were 220 t at the end of July 2025, 15% less than those at the end of June 2025 (London Metal Exchange Ltd., 2025a, b).

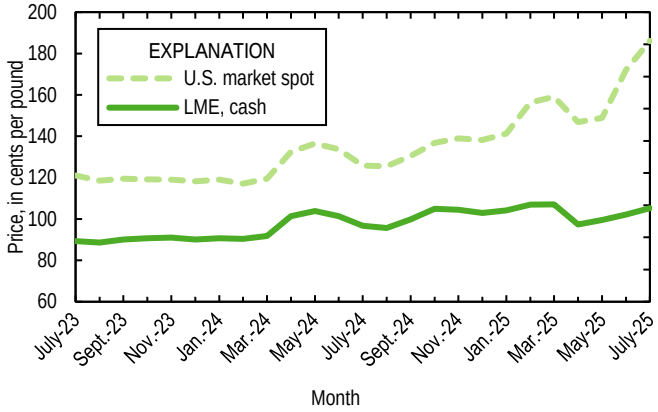

Figure 2. Average monthly prices for primary aluminum from July 2023 through July 2025. Source: S&P Global Platts Metals Week.

Updates

United States.—On September 26, Arconic Corp. (Pittsburgh, PA) announced the commissioning of an expansion project at its Davenport Works plant in Iowa, doubling its capacity for high-purity aluminum production to roughly 41,000 metric tons per year (reported as 90 million pounds per year). The project was funded in part by a $45.5 million award from the U.S. Department of War, under the Defense Production Act, to support national defense. High-purity aluminum, defined as having a minimum of 99.9 percent aluminum content by mass, is essential for aerospace and defense applications (Arconic Corp., 2025; Nicoll, 2025).

References Cited

Arconic Corp., 2025, Arconic celebrates commissioning of $57.5 million project to expand high purity aluminum production for defense & aerospace applications: Pittsburgh, PA, Arconic Corp. press release, September 26.

(Accessed December 4, 2025, at https://www.arconic.com/press-releases/-/asset_publisher/hqfu/content/arconic-celebrates-commissioning-of-57.5-million-project-to-expand-high-purity-aluminum-production-for-defense-aerospace-applications.)
London Metal Exchange Ltd., 2025a, Off-warrant stock reporting: London, United Kingdom, London Metal Exchange Ltd. (Accessed January 22, 2026, 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 January 22, 2026, via https://www.lme.com/Market-data/Reports-and-data/Warehouse-and-stocks-reports/Stock-breakdown-report.)
Nicoll, Alex, 2025, Arconic set to double high-purity aluminum output: Argus Media group, Argus Metals International, September 26. (Accessed September 30, 2025, via http://www.argusmedia.com/metals/.)

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. 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	Semi-fabricated products	Total		
2024									
Total	676	2,120	1,560	3,680	3,600	1,230 r	4,840 r	9,190 r	1,690
July	57	174	134	309	293	115 r	408 r	774 r	1,690
August	56	181	133	314	268	94 r	362	733	1,800
September	55	175	127	303	332	95 r	427 r	785 r	1,660
October	57	182	133	315	297	97 r	394 r	766 r	1,680
November	55	168	120	288	263	111 r	374 r	717	1,710
December	57	165	119	284	297	87 r	384 r	726 r	1,690
January–July	396	1,250 r	929 r	2,170 r	2,140	751 r	2,900 r	5,470 r	NA
2025									
January	57	176	122	297	335	126 r	461 r	815 r	1,730
February	52	184	137	321	298	101	399 r	772 r	1,750
March	57	192	135	327	438	99	537 r	921 r	1,800
April	55 r	183 r	138 r	321 r	238	102 r	340 r	716 r	1,840
May	58	162 r	141 r	303 r	227	94 r	321 r	682 r	1,850 r
June	54	163 r	137 r	299 r	277	99 r	376 r	729 r	1,800 r
July	56	161	137	297	160	95	255	608	1,810
January–July	389	1,220	947	2,170	1,970	716	2,690	5,240	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. 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										
Total	2,740	2,070	1,650	1,510	101	93	3	3	4,500	3,680
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	111	8	8	(1)	(1)	355	288
December	224	170	117	106	8	8	(1)	(1)	349	284
January–July	1,600 r	1,220 r	989	901	59	54	2	2	2,650 r	2,170 r
2025										
January	227	172	129	118	8	8	(1)	(1)	365	297
February	230	175	151	138	8	8	(1)	(1)	389	321
March	236	178	154	141	8	8	(1)	(1)	398	327
April	228	170	155 r	142 r	8	8	(1)	(1)	392 r	321 r
May	213	156	152 r	138 r	8	8	(1)	(1)	374 r	303 r
June	196	147	158 r	144 r	8	8	(1)	(1)	362 r	299 r
July	205	152	150	137	8	8	(1)	(1)	364	297
January–July	1,530	1,150	1,050	958	59	54	2	2	2,640	2,170

[1]Less than ½ unit.

Table 3. Consumption of and recovery from purchased new and old aluminum scrap in July 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	171,000	205,000	126,000	152,000
Independent mill fabricators	135,000	150,000	123,000	137,000
Foundries	7,040	8,450	6,440	7,730
Other consumers	242	290	242	290
Total	313,000	363,000	256,000	296,000

Table 4. Purchased and toll-treated aluminum-base scrap in July 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	July				January–July	
	Stocks, opening[1]	Net receipts[2]	Melted or consumed	Stocks, closing	Net receipts[2]	Melted or consumed
New scrap						
Extrusions	23,900	40,200	40,100	24,000	316,000	315,000
Can stock clippings	20,200	42,400	34,700	27,900	255,000	236,000
Other wrought sheet/clippings	22,300	52,800	39,200	35,800	308,000	282,000
Castings	6,580	6,790	5,200	8,160	45,700	40,900
Borings and turnings	10,300	15,100	12,100	13,400	149,000	140,000
Dross and skimmings[3]	46,500	75,100	48,200	73,400	398,000	336,000
Total new scrap	130,000	232,000	180,000	183,000	1,470,000	1,350,000
Old scrap						
Used castings	15,000	30,000	28,900	16,100	204,000	201,000
Used extrusions	8,900	14,000	13,400	9,530	95,300	93,500
Used cans (shredded, loose, baled)	68,700	57,700	51,700	74,700	420,000	353,000
Other wrought products	23,300	31,300	30,100	24,600	205,000	202,000
Fragmentized shredder (auto shredder)	4,400	9,340	9,340	4,400	78,300	78,100
Total old scrap	120,000	142,000	133,000	129,000	1,000,000	927,000
Grand total, all classes	250,000	375,000	313,000	312,000	2,470,000	2,280,000

[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 July 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	July				January–July	
	Stocks, opening[1]	Production	Net shipments	Stocks, closing	Production	Net shipments
Die-cast alloys						
13% Si, 360, etc. (0.6% Cu, max.)	3,160	2,780	2,780	3,160	19,400	20,600
380 and variations	6,990	20,300	20,300	6,990	142,000	143,000
Sand and permanent mold						
95/5 Al-Si, 356, etc. (0.6% Cu, max.)	1,940	2,130	2,130	1,940	14,900	14,900
No. 319 and variations	1,200	1,390	1,390	1,200	9,720	9,720
F-132 alloy and variations	89	233	233	89	1,630	1,630
Al-Zn alloys	339	84	84	339	536	536
Al-Si alloys (0.6% to 2.0% Cu)	230	189	189	230	1,350	1,350
Al-Cu alloys (1.5% Si, max.)	139	724	724	139	5,070	5,070
Other[2]	4,070	23,500	23,400	4,160	66,800	66,700
Other						
Wrought alloys, extrusion billets	20,900	62,600	62,600	20,900	439,000	439,000
Total all alloys	39,000	114,000	114,000	39,100	700,000	702,000
Less						
Primary aluminum consumed	—	22,300	—	—	132,000	—
Primary silicon consumed	—	1,320	—	—	11,500	—
Other alloying ingredients consumed	—	447	—	—	5,860	—
Other						
Net metallic recovery from aluminum scrap consumed in production of secondary aluminum ingot[3]	—	89,800	—	—	550,000	—

[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		
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
April	146.813	107.996
May	148.913	110.766
June	172.131	114.129
July	186.109	118.106
January–July	158.659	115.517

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					
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
April	104.00	84.25	84.88	82.00	87.75
May	100.80	78.70	80.90	79.10	85.80
June	98.63	78.13	80.38	80.13	87.88
July	97.80	81.70	78.80	79.00	86.40
January–July	106.22	82.04	83.55	81.60	87.08

Table 8. U.S. imports for consumption of aluminum in July 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		Semi-fabricated products[1]		Scrap		Total	
	July	January–July	July	January–July	July	January–July	July	January–July
Argentina	4,100	64,400	4	136	0	0	4,110	64,500
Australia	1,560	32,000	53	180	0	0	1,610	32,200
Austria	0	0	2,440	16,000	0	4	2,440	16,000
Azerbaijan	0	0	1,180	24,700	0	0	1,180	24,700
Bahrain	5,980	79,600	1,470	21,900	0	0	7,450	102,000
Belgium	0	100	2,310	12,100	0	124	2,310	12,400
Brazil	0	12,000	2,740	9,120	0	225	2,740	21,400
Canada	101,000	1,270,000	13,400	114,000	34,100	207,000	148,000	1,590,000
China[2]	4	167	2,790	38,600	23	125	2,810	38,900
Colombia	0	0	145	1,820	1,240	1,630	1,390	3,450
Ecuador	0	76	1,410	9,980	6	116	1,420	10,200
France	828	3,410	450	3,120	15	173	1,290	6,700
Germany	37	185	1,300	8,720	174	5,160	1,510	14,100
Greece	0	0	3,260	22,200	0	14	3,260	22,200
Guatemala	0	0	13	13	78	317	91	330
Honduras	0	0	794	4,450	380	792	1,170	5,240
India	3,430	104,000	1,040	10,400	0	0	4,460	114,000
Indonesia	0	6,050	1,650	7,880	0	0	1,650	13,900
Italy	0	507	1,300	8,090	0	0	1,300	8,600
Japan	(3)	23	767	4,980	24	334	790	5,330
Korea, Republic of	277	5,570	20,200	145,000	41	550	20,500	151,000
Malaysia	(3)	3,440	453	4,430	3	16	456	7,880
Mexico	119	4,740	3,260	25,900	15,000	111,000	18,400	142,000
New Zealand	692	4,670	0	26	0	0	692	4,690
Norway	19	58	707	6,380	0	0	726	6,440
Oman	0	0	8,150	55,300	0	0	8,150	55,300
Panama	0	0	0	0	82	547	82	547
Poland	0	(3)	272	2,590	0	50	272	2,640
Qatar	1,370	19,100	1	3	0	0	1,370	19,100
Romania	0	0	579	4,060	0	0	579	4,060
Saudi Arabia	0	0	5,390	34,400	0	0	5,390	34,400
South Africa	4,200	35,500	1,950	11,900	0	0	6,150	47,400
Spain	34	1,500	811	10,500	6	75	852	12,100
Sweden	0	(3)	1,710	8,230	0	0	1,710	8,230
Thailand	138	1,270	4,150	27,000	8	73	4,300	28,400
Turkey	0	26	1,950	17,400	0	86	1,950	17,500
United Arab Emirates	35,900	325,000	540	2,960	186	208	36,600	328,000
United Kingdom	21	125	349	4,880	78	585	449	5,590
Vietnam	0	1	4,010	20,200	0	0	4,010	20,200
Other	42	845	2,030	17,200	1,170	7,150	3,240	25,200
Total	160,000	1,970,000	95,000	717,000	52,600	337,000	307,000	3,030,000

[1]Includes bars, castings, forgings, pipes, plates, profiles, rods, sheets, strip, and tubes.

[2]Includes Hong Kong.

[3]Less than ½ unit.

Table 9. U.S. exports of aluminum in July 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		Semi-fabricated products[1]		Scrap		Total	
	July	January–July	July	January–July	July	January–July	July	January–July
Australia	73	507	80	959	0	0	153	1,470
Belgium	0	0	76	698	185	2,410	261	3,100
Brazil	0	1	255	1,730	109	1,720	364	3,460
Canada	2,030	22,800	19,400	160,000	8,840	66,900	30,300	250,000
China[2]	52	911	719	6,540	30,300	149,000	31,000	157,000
Colombia	192	5,380	55	390	0	228	247	6,000
Costa Rica	([3])	10	22	157	3	71	25	239
Czechia	0	3	18	333	0	0	18	336
Denmark	0	3	8	29	349	2,320	357	2,350
Finland	0	13	21	203	0	0	21	215
France	242	3,730	368	3,600	154	1,270	764	8,600
Germany	284	1,390	372	2,730	163	623	819	4,740
Greece	0	0	5	57	15	799	21	855
India	27	349	331	2,380	45,400	214,000	45,700	217,000
Indonesia	([3])	([3])	2	41	10,400	44,900	10,400	45,000
Israel	([3])	24	377	2,850	0	0	377	2,880
Italy	7	80	126	936	161	949	294	1,970
Japan	87	584	641	6,130	1,380	10,100	2,100	16,800
Korea, Republic of	84	122	2,040	13,600	16,800	109,000	19,000	123,000
Malaysia	253	39,200	152	1,550	25,200	167,000	25,600	208,000
Mexico	14,200	93,200	23,100	160,000	11,000	65,600	48,300	319,000
Netherlands	10	54	31	236	392	2,830	433	3,120
New Zealand	0	4	21	305	0	0	21	309
Pakistan	0	184	0	3	2,250	13,100	2,240	13,300
Philippines	36	234	29	188	59	176	124	598
Poland	0	7	90	818	0	0	90	825
Romania	([3])	([3])	106	669	0	0	106	669
Saudi Arabia	0	0	7	88	0	40	7	128
Singapore	15	651	96	1,920	18	37	130	2,610
Spain	([3])	12	167	1,420	40	1,650	208	3,080
Switzerland	0	([3])	16	352	0	0	16	352
Taiwan	208	575	342	2,260	2,820	11,600	3,370	14,500
Thailand	50	1,210	111	383	22,400	245,000	22,600	247,000
Turkey	([3])	33	156	2,020	0	55	156	2,110
United Arab Emirates	73	1,600	141	443	534	2,110	747	4,150
United Kingdom	13	230	378	3,130	0	155	391	3,510
Vietnam	19	39	257	923	468	6,900	744	7,860
Other	1	355	369	1,820	86	413	456	2,590
Total	18,000	174,000	50,500	382,000	180,000	1,120,000	248,000	1,680,000

[1]Includes bars, castings, forgings, pipes, plates, profiles, rods, sheets, strip, and tubes.

[2]Includes Hong Kong.

[3]Less than ½ unit.