

## Sheet & Plate Statistics

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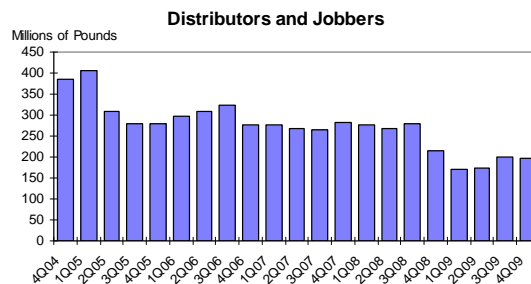
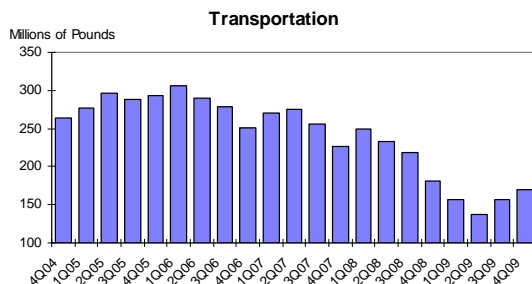
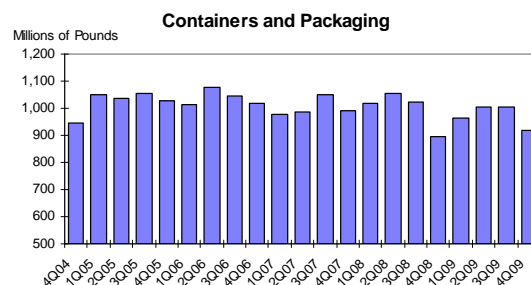
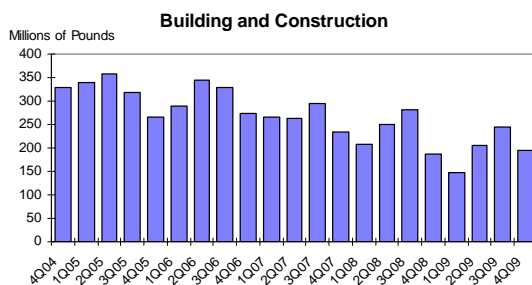
### Producers' Shipments of Sheet<sup>1</sup> and Plate by Major Market (Direct mill shipments only as reported by participating companies<sup>2</sup>)

Fourth Quarter 2009

February 8, 2010

Major Market <sup>3</sup> (thousands of pounds)	4th Qtr		% Chg 4Q/4Q	3rd Qtr 2009	% Chg 4Q/3Q	Full Year		
	2009	2008				2009	2008	% Chg
Building & Construction	194,817	186,361	4.5	243,723	-20.1	790,021	925,171	-14.6
Transportation	170,133	181,110	-6.1	156,860	8.5	619,753	882,413	-29.8
Consumer Durables	29,347	36,105	-18.7	29,954	-2.0	113,628	173,109	-34.4
Electrical	23,463	23,882	-1.8	21,227	10.5	83,761	129,905	-35.5
Machinery & Equipment	19,385	19,636	-1.3	19,423	-0.2	66,844	100,050	-33.2
Containers & Packaging	917,722	894,590	2.6	1,005,075	-8.7	3,889,789	3,988,439	-2.5
Distributors & Jobbers <sup>4</sup>	197,738	215,577	-8.3	199,029	-0.6	740,446	1,038,749	-28.7
Other Domestic	7,554	10,240	-26.2	9,344	-19.2	38,416	43,128	-10.9
Export <sup>5</sup>	188,974	224,079	-15.7	180,803	4.5	694,059	906,789	-23.5
Total Reported Shipments	1,749,133	1,791,580	-2.4	1,865,438	-6.2	7,036,717	8,187,753	-14.1
Estimated Total Industry <sup>6</sup>	1,757,426	1,793,693	-2.0	1,874,112	-6.2	7,069,209	8,220,707	-14.0

- Note:
- 1) Sheet is defined as a finished product, rectangular in cross section, of thickness over .001" thickness but under 0.250" thickness.
  - 2) U.S. and Canadian producer direct mill shipments only, as reported by participating companies which account for approximately 99.5 percent of the total industry.
  - 3) Shipments by mail order distributors, to mail order distributors, and to mail order distributors for universal products may not be comparable to previous periods.
  - 4) Where possible, participating companies have identified end use shipments for their shipments to distributors; total shipments to distributors are total shipments without identified markets.
  - 5) Export figures exclude trade between U.S. and Canada.
  - 6) Producer net shipments – excludes imports. Estimated 100% of total industry.



This report is based on information provided by participating companies which is aggregated by the Aluminum Association. It is not intended to be representative of the total industry. While the association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy and completeness of the data. All data contained herein is subject to revision. © The Aluminum Association, Inc.

**Producers' Shipments of Sheet and Plate by Major Market  
Participating Companies  
Fourth Quarter 2009**

<u>Company</u>	<u>Report Received</u>
Alcan Rolled Products	February 5, 2010
Alcoa Inc.	January 27, 2010
Aleris International Inc.	January 28, 2010
ARCO Aluminum, Inc.	January 13, 2010
Golden Aluminum	January 28, 2010
Jupiter Aluminum Corporation	January 12, 2010
JW Aluminum	January 21, 2010
Kaiser Aluminum	January 25, 2010
Koenig & Vits	ceased participation
Nichols Aluminum	January 6, 2010
Norandal U.S.A.	January 6, 2010
Novelis Inc.	January 21, 2010
United Aluminum Corporation	January 12, 2010
Wise Metals LLC	January 13, 2010
	<b>Report Due:</b> January 29, 2010
	<b>Last Report Received:</b> February 4, 2010

*Note: Although our goal is to release reports no later than the day after the last report has been received, delays may result from verification of information submitted.*

Definitions:

Sheet, Nonheat-Treatable – A rolled product, flat or coiled, rectangular in cross section, of 0.0079" thickness but under 0.250" thickness, which can be strengthened only by cold work.

Sheet, Heat-Treatable – A rolled product, in 2000, 6000, or 7000 alloy series (except 7072), flat or coiled, rectangular in cross section, of 0.0079" thickness but under 0.250" thickness, which can be strengthened by a suitable thermal treatment.

Plate, Nonheat-Treatable – A flat rolled product, rectangular in cross section, 0.250" or greater in thickness, which can be strengthened only by cold work.

Plate, Heat-Treatable – A flat rolled product, in 2000, 6000, or 7000 alloy series (except 7072), rectangular in cross section, 0.250" or greater in thickness, which can be strengthened by a suitable thermal treatment.

For information on products/applications included in end use categories, see the End Use Guide.

**Sample**

## Producers' Shipments of Aluminum Sheet & Plate by End Use

(Figures in thousands of pounds)

*U.S. and Canadian producer mill direct shipments as reported by participating companies. Excludes distributor shipments to shared markets.*

Select Market <sup>1</sup> (thousands of pounds)	4th Qtr		% Chg	3rd Qtr	% Chg	Full Year		
	2009	2008	4Q/4Q	2009	4Q/3Q	2009	2008	% Chg
Windows, doors & screens	12,456	11,830	5.3	15,236	-18.2	49,102	65,296	-24.8
Awnings & canopies	2,553	2,721	-6.2	5,244	-51.3	13,403	15,248	-12.1
Residential siding, roofing, soffits & fascia <sup>2</sup>	73,512	79,999	-8.1	100,519	-26.9	317,322	391,227	-18.9
Commercial, industrial, rural roofing & siding	16,059	13,031	23.2	13,661	17.6	52,944	51,769	2.3
Curtain wall, store fronts & entrances	3,376	4,849	-30.4	4,472	-24.5	16,005	18,948	-15.5
Bridge, street & highway	4,918	3,435	43.2	5,731	-14.2	18,868	28,770	-34.4
Gutters & downspouts	51,275	44,475	15.3	65,220	-21.4	205,863	219,258	-6.1
Other	30,668	26,021	17.9	33,640	-8.8	116,514	134,655	-13.5
<b>Total Building &amp; Construction</b>	<b>194,817</b>	<b>186,361</b>	<b>4.5</b>	<b>243,723</b>	<b>-20.1</b>	<b>790,021</b>	<b>925,171</b>	<b>-14.6</b>
Trailers and semitrailers	22,105	19,760	11.9	19,399	13.9	77,564	138,456	-44.0
Trucks and buses	10,570	10,118	4.5	9,998	5.7	36,458	62,092	-41.3
Passenger cars & light trucks	68,867	70,714	-2.6	58,852	17.0	220,649	337,216	-34.6
Travel Trailers & Rec Vehicles	8,302	3,798	118.6	6,860	21.0	25,229	42,029	-40.0
Other	60,289	76,720	-21.4	61,751	-2.4	259,853	302,620	-14.1
<b>Total Transportation</b>	<b>170,133</b>	<b>181,110</b>	<b>-6.1</b>	<b>156,860</b>	<b>8.5</b>	<b>619,753</b>	<b>882,413</b>	<b>-29.8</b>
Air conditioners & major appliances	11,452	14,279	-19.8	11,411	0.4	46,220	64,075	-27.9
Cooking utensils	7,433	8,913	-16.6	9,267	-19.8	27,899	40,359	-30.9
Pleasure boats & outboard motors	4,684	5,614	-16.6	3,670	27.6	15,339	32,255	-52.4
Other	5,778	7,299	-20.8	5,606	3.1	24,170	36,420	-33.6
<b>Total Consumer Durables</b>	<b>29,347</b>	<b>36,105</b>	<b>-18.7</b>	<b>29,954</b>	<b>-2.0</b>	<b>113,628</b>	<b>173,109</b>	<b>-34.4</b>
Electrical machinery & equipment	8,287	7,750	6.9	7,987	3.8	30,134	41,537	-27.5
Lighting fixtures & electric lam	2,611	2,366	10.4	2,472	5.6	9,465	13,078	-27.6
Electronics & communications	1,689	1,188	42.2	1,747	19.2	39,610	63,957	-38.1
Other	776	1,177	-35.0	1,121	6.2	4,552	11,333	-59.8
<b>Total Electrical</b>	<b>13,363</b>	<b>23,682</b>	<b>-43.1</b>	<b>21,327</b>	<b>37.0</b>	<b>88,761</b>	<b>129,905</b>	<b>-31.6</b>
Industrial, agricultural & mining eq	4,152	5,146	-19.3	7,160	-23.4	12,852	25,423	-49.4
Lithographic printing plates	2,526	3,373	-25.1	1,992	26.8	8,119	12,840	-36.8
Irrigation pipes	5,702	5,099	11.8	4,438	28.5	20,360	28,525	-28.6
Process industries	5,162	4,233	21.9	7,268	-29.0	19,092	23,268	-17.9
Other	1,733	1,785	-2.9	1,565	10.7	6,421	9,994	-35.8
<b>Total Machinery &amp; Equipment</b>	<b>19,385</b>	<b>19,636</b>	<b>-1.3</b>	<b>19,423</b>	<b>-0.2</b>	<b>66,844</b>	<b>100,050</b>	<b>-33.2</b>
Semirigid food containers	828	1,234	-32.9	896	-7.6	3,380	5,295	-36.2
Caps & closures	474	4,955	-90.4	632	-25.0	3,107	7,383	-57.9
Metal beverage cans	853,429	824,202	3.5	936,827	-8.9	3,621,179	3,711,699	-2.4
Metal non-beverage cans	52,602	54,596	-3.7	55,784	-5.7	221,521	222,781	-0.6
Composite cans	7,944	7,386	7.6	8,510	-6.7	30,964	30,351	2.0
Other	2,445	2,217	10.3	2,426	0.8	9,638	10,930	-11.8
<b>Total Containers &amp; Packaging</b>	<b>917,722</b>	<b>894,590</b>	<b>2.6</b>	<b>1,005,075</b>	<b>-8.7</b>	<b>3,889,789</b>	<b>3,988,439</b>	<b>-2.5</b>
<b>Distributors and Jobbers</b>	<b>197,738</b>	<b>215,577</b>	<b>-8.3</b>	<b>199,029</b>	<b>-0.6</b>	<b>740,446</b>	<b>1,038,749</b>	<b>-28.7</b>
<b>Other End Uses</b>	<b>7,554</b>	<b>10,240</b>	<b>-26.2</b>	<b>9,344</b>	<b>-19.2</b>	<b>38,416</b>	<b>43,128</b>	<b>-10.9</b>
<b>Total Domestic Shipments <sup>3</sup></b>	<b>1,560,159</b>	<b>1,567,501</b>	<b>-0.5</b>	<b>1,684,635</b>	<b>-7.4</b>	<b>6,342,658</b>	<b>7,280,964</b>	<b>-12.9</b>
<b>Total Exports <sup>4</sup></b>	<b>188,974</b>	<b>224,079</b>	<b>-15.7</b>	<b>180,803</b>	<b>4.5</b>	<b>694,059</b>	<b>906,789</b>	<b>-23.5</b>
<b>Total Shipments</b>	<b>1,749,133</b>	<b>1,791,580</b>	<b>-2.4</b>	<b>1,865,438</b>	<b>-6.2</b>	<b>7,036,717</b>	<b>8,187,753</b>	<b>-14.1</b>

Note: 1) Shipments by market excludes distributor shipments to shared markets. Statistics may not be comparable to previous periods.

2) Effective 2007, category includes Residential Roofing & Accessories

3) Where possible, participating companies have identified end use shipments for their shipments to distributors; total shipments to distributors are total shipments without identified markets.

4) Export figures exclude trade between U.S. and Canada

## Producers' Shipments of Aluminum Nonheat-Treatable Sheet by End Use

(Figures in thousands of pounds)

*U.S. and Canadian producer mill direct shipments as reported by participating companies. Excludes distributor shipments to shared markets.*

Select Market <sup>1</sup> (thousands of pounds)	4th Qtr		% Chg 4Q/4Q	3rd Qtr 2009	% Chg 4Q/3Q	Full Year		
	2009	2008				2009	2008	% Chg
Windows, doors & screens	12,456	11,830	5.3	15,236	-18.2	49,102	65,296	-24.8
Awnings & canopies	2,553	2,721	-6.2	5,244	-51.3	13,403	15,248	-12.1
Residential siding, roofing, soffits & fascia <sup>2</sup>	73,512	79,999	-8.1	100,519	-26.9	317,322	391,227	-18.9
Commercial, industrial, rural roofing & siding	16,059	13,031	23.2	13,661	17.6	52,944	51,769	2.3
Curtain wall, store fronts & entrances	3,376	4,849	-30.4	4,472	-24.5	16,005	18,948	-15.5
Bridge, street & highway	4,918	3,435	43.2	5,731	-14.2	18,868	28,770	-34.4
Gutters & downspouts	51,275	44,475	15.3	65,220	-21.4	205,863	219,258	-6.1
Other	30,616	25,958	17.9	33,598	-8.9	116,271	134,313	-13.4
<b>Total Building &amp; Construction</b>	<b>194,765</b>	<b>186,298</b>	<b>4.5</b>	<b>243,681</b>	<b>-20.1</b>	<b>789,778</b>	<b>924,829</b>	<b>-14.6</b>
Trailers and semitrailers	21,036	16,828	25.0	18,592	13.1	72,807	121,692	-40.2
Trucks and buses	9,493	9,054	4.8	9,072	4.6	32,617	56,697	-42.5
Passenger cars & light trucks	48,132	50,409	-4.5	40,551	18.7	149,154	235,626	-36.7
Travel Trailers & Rec Vehicles	8,302	3,798	118.6	6,860	21.0	25,229	42,029	-40.0
Other	12,293	16,040	-23.4	12,596	-2.4	49,906	74,386	-32.9
<b>Total Transportation</b>	<b>99,256</b>	<b>96,129</b>	<b>3.3</b>	<b>87,671</b>	<b>13.2</b>	<b>329,713</b>	<b>530,430</b>	<b>-37.8</b>
Air conditioners & major appliances	11,452	14,279	-19.8	11,411	0.4	46,220	64,075	-27.9
Cooking utensils	7,433	8,913	-16.6	9,267	-19.8	27,899	40,359	-30.9
Pleasure boats & outboard motors	4,684	5,614	-16.6	3,670	27.6	15,339	32,255	-52.4
Other	5,677	7,244	-21.6	5,501	3.2	23,855	36,044	-33.8
<b>Total Consumer Durables</b>	<b>29,246</b>	<b>36,050</b>	<b>-18.9</b>	<b>29,849</b>	<b>-2.0</b>	<b>113,313</b>	<b>172,733</b>	<b>-34.4</b>
Electrical machinery & equipment	8,287	7,750	6.9	7,987	3.8	30,134	41,537	-27.5
Lighting fixtures & electric lam	2,611	2,366	10.4	2,472	5.6	9,465	13,078	-27.6
Electronics & communications	1,681	1,388	20.4	1,740	19.5	39,582	63,916	-38.1
Other	76	1,177	-93.6	1,112	-4.4	4,510	11,299	-60.1
<b>Total Electrical</b>	<b>12,655</b>	<b>23,674</b>	<b>-46.5</b>	<b>21,311</b>	<b>33.8</b>	<b>83,691</b>	<b>129,830</b>	<b>-35.5</b>
Lithographic printing plates	2,126	3,173	-33.0	1,992	26.0	8,119	12,840	-36.8
Irrigation pipes	5,702	5,099	11.8	4,438	28.5	20,360	28,525	-28.6
Process industries	4,824	3,202	50.7	7,019	-31.3	17,535	17,336	1.1
Other	1,565	1,272	23.0	1,436	9.0	5,636	7,638	-26.2
<b>Total Machinery &amp; Equipment</b>	<b>14,617</b>	<b>12,946</b>	<b>12.9</b>	<b>14,885</b>	<b>-1.8</b>	<b>51,650</b>	<b>66,339</b>	<b>-22.1</b>
Semirigid food containers	828	1,234	-32.9	896	-7.6	3,380	5,295	-36.2
Caps & closures	474	4,955	-90.4	632	-25.0	3,107	7,383	-57.9
Metal beverage cans	853,429	824,202	3.5	936,827	-8.9	3,621,179	3,711,699	-2.4
Metal non-beverage cans	52,602	54,596	-3.7	55,784	-5.7	221,521	222,781	-0.6
Composite cans	7,944	7,386	7.6	8,510	-6.7	30,964	30,351	2.0
Other	2,445	2,217	10.3	2,426	0.8	9,638	10,930	-11.8
<b>Total Containers &amp; Packaging</b>	<b>917,722</b>	<b>894,590</b>	<b>2.6</b>	<b>1,005,075</b>	<b>-8.7</b>	<b>3,889,789</b>	<b>3,988,439</b>	<b>-2.5</b>
<b>Distributors and Jobbers</b>	<b>159,235</b>	<b>172,381</b>	<b>-7.6</b>	<b>162,748</b>	<b>-2.2</b>	<b>600,141</b>	<b>851,285</b>	<b>-29.5</b>
<b>Other End Uses</b>	<b>6,047</b>	<b>8,755</b>	<b>-30.9</b>	<b>8,040</b>	<b>-24.8</b>	<b>32,551</b>	<b>35,888</b>	<b>-9.3</b>
<b>Total Domestic Shipments <sup>3</sup></b>	<b>1,444,343</b>	<b>1,431,023</b>	<b>0.9</b>	<b>1,573,160</b>	<b>-8.2</b>	<b>5,890,626</b>	<b>6,699,773</b>	<b>-12.1</b>
<b>Total Exports <sup>4</sup></b>	<b>166,082</b>	<b>196,253</b>	<b>-15.4</b>	<b>161,265</b>	<b>3.0</b>	<b>604,366</b>	<b>785,273</b>	<b>-23.0</b>
<b>Total Shipments</b>	<b>1,610,425</b>	<b>1,627,276</b>	<b>-1.0</b>	<b>1,734,425</b>	<b>-7.1</b>	<b>6,494,992</b>	<b>7,485,046</b>	<b>-13.2</b>

Note: 1) Shipments by market excludes distributor shipments to shared markets. Statistics may not be comparable to previous periods.

2) Effective 2007, category includes Residential Roofing & Accessories

3) Where possible, participating companies have identified end use shipments for their shipments to distributors; total shipments to distributors are total shipments without identified markets.

4) Export figures exclude trade between U.S. and Canada

**Producers' Shipments of Aluminum Other\* Sheet and Plate by End Use**  
(Figures in thousands of pounds)

*U.S. and Canadian producer mill direct shipments as reported by participating companies. Excludes distributor shipments to shared markets.*

Select Market <sup>1</sup> (thousands of pounds)	4th Qtr		% Chg	3rd Qtr	% Chg	Full Year		
	2009	2008	4Q/4Q	2009	4Q/3Q	2009	2008	% Chg
<b>Total Building &amp; Construction</b>	52	63	-17.5	42	23.8	243	342	-28.9
Trailers and semitrailers	1,069	2,932	-63.5	807	32.5	4,757	16,764	-71.6
Trucks and buses	1,077	1,064	1.2	926	16.3	3,841	5,395	-28.8
Passenger cars & light trucks	20,735	20,305	2.1	18,301	13.3	71,495	101,590	-29.6
Other	47,996	60,680	-20.9	49,155	-2.4	209,947	228,234	-8.0
<b>Total Transportation</b>	70,877	84,981	-16.6	69,189	2.4	290,040	351,983	-17.6
<b>Total Consumer Durables</b>	101	55	83.6	105	-3.8	315	376	-16.2
<b>Total Electrical</b>	8	8	-	16	-50.0	70	75	-6.7
Industrial, agricultural & mining equip	4,258	5,146	-17.3	4,160	2.4	12,848	24,848	-48.3
Process industries	338	1,031	-67.2	249	35.7	1,557	5,932	-73.8
Other	172	513	-66.5	129	33.3	789	2,931	-73.1
<b>Total Machinery &amp; Equipment</b>	4,768	6,690	-28.7	4,538	5.1	15,194	33,711	-54.9
<b>Distributors and Jobbers<sup>2</sup></b>	38,503	43,196	-10.9	36,281	6.1	140,305	187,464	-25.2
<b>Other End Uses</b>	1,507	1,485	1.5	1,304	15.6	5,865	7,240	-19.0
<b>Total Domestic Shipments</b>	115,816	136,478	-15.1	111,475	3.9	452,032	581,191	-22.2
<b>Total Exports<sup>3</sup></b>	22,892	27,826	-17.7	19,538	17.2	89,693	121,516	-26.2
<b>Total Shipments</b>	138,708	164,304	-15.6	131,013	5.9	541,725	702,707	-22.9

- Note: \*) Other Sheet & Plate includes heat-treatable sheet as well as heat-treatable and non-heat-treatable plate.
- 1) Shipments by market excludes distributor shipments to shared markets. Statistics may not be comparable to previous periods.
- 2) Where possible, participating companies have identified end use shipments for their shipments to distributors; total shipments to distributors are total shipments without identified markets.
- 3) Export figures exclude trade between U.S. and Canada

**Sample**

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[The Aluminum Association](#), based in Arlington, Virginia, represents U.S. and foreign-based primary producers of aluminum, as well as recyclers, and producers of semi-fabricated products, and suppliers. Member companies operate over 200 plants in North America and many conduct business worldwide.

### **Statistical Reports and Publications**

The Aluminum Association's statistical programs provide industry information on primary aluminum production, new orders of mill products, industry shipments, end use market estimates, inventories, recycling and foreign trade on a monthly, quarterly and annual basis. Special surveys provide data on specific subjects such as primary capacity, flat roll capacity, safety, inventories and castings shipments. The Association's foreign trade reports are based on government customs data.

### **Industry Overview**

Aluminum Statistical Review (Annual Fact Book)  
Aluminum Highlights (Weekly)  
Aluminum Situation (Monthly)  
Summary of Producer Shipments and Inventories (Monthly)

### **Primary Aluminum**

Primary Aluminum Production (Monthly)  
Primary Installed Capacity (Annual)  
Shipments of Primary Aluminum by Form (Quarterly)

### **Mill Products**

Index of Net New Order Receipts for Aluminum Mill Products (Monthly)  
Can Stock Shipments (Monthly)  
Electrical Conductor Shipments (Monthly)  
Extruded Products Shipments and Press Utilization (Monthly)  
Flat Roll Capacity (Annual)  
Foil Shipments (Monthly)  
Forging and Impact Shipments (Monthly)  
Rod, Bar, and Wire Shipments (Monthly)  
Sheet and Plate Shipments (Monthly)

### **End Use**

Extrusion Shipments by End Use (Quarterly)  
Fin Stock Shipments by End Use (Quarterly)  
Foil Shipments by End Use (Quarterly)  
Sheet and Plate Shipments by End Use (Quarterly)

### **Castings**

U.S. Foundry Castings Shipments (Annual)  
Canada Foundry Castings Shipments (Annual)

### **Recycling**

New Can Stock (Class) Scrap Receipts (Monthly)  
Used Beverage Can Reclamation (Monthly)

### **Foreign Trade**

Summary of Imports and Exports (by Commodity) – U.S. & Canada (Monthly)  
Foreign Trade Online Database - U.S., Canada and China Exports & Imports of Aluminum (By Commodity, by Country)

For a complete list of statistical publications and reports visit our bookstore at [www.aluminum.org/bookstore](http://www.aluminum.org/bookstore)