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1.2. Aluminium Market Overview

World production of primary aluminium was approximately 000 million metric tons (Mt) in 2011, an 8% increase from 000 Mt in 2010.

Table 1. Aluminium: world production, 2006-2011, thousand metric tons

	2006	2007	2008	2009	2010	2011
Production						
Capacity						
Capacity utilization						

Figure 1. Aluminium production volumes, 2006-2011, thousand metric tons

In 2011 China, Russia, Canada, USA and Australia, in decreasing order of metal produced, accounted for 66% of total world production.

Table 2. Aluminium: world production, by country, 2010-2011, thousand metric tons

Country	2010	2011
Australia		
Bahrain		
Brazil		
Canada		
China		
Germany		
Iceland		
India		
Mozambique		
Norway		
Qatar		
Russia		



South Africa		
United Arab Emirates		
United States		
Venezuela		
Other countries		
World total (rounded)		

In 2011 China was a world leader in aluminium production; its share reached 41% of world total.

Figure 2. Structure of aluminium production, by country, 2011

Table 3. Aluminium yearend production capacity, by country, 2010-2011, thousand metric tons

Country	2011	2010
Australia		
Bahrain		
Brazil		
Canada		
China		
Germany		
Iceland		
India		
Mozambique		
Norway		
Qatar		
Russia		
South Africa		
United Arab Emirates		
United States		



Venezuela		
Other countries		
World total (rounded)		

Figure 3. Structure of aluminium production capacity, by country, 2011

Figure 4. Aluminium consumption, by region, 2009-2012

Figure 5. Aluminium consumption structure by end use in Europe, 2010.

Transportation accounted for an estimated 34% of US consumption; the remainder was used in packaging, 27%; building, 12%; electrical, 8%; machinery, 8%; consumer durables, 7%; and other, 4%.

Figure 6. Consumption structure of aluminium in USA, by end use, 2011.



2.2. Canada

Aluminium production in Canada reached 000 Mt in 2011. Capacity was 000 Mt/y. Consumption added 6.8 per cent on 2011.

Table 4. Aluminium production and consumption in Canada, 2006-2011, thousand metric tons

	2006	2007	2008	2009	2010	2011
Production						
Consumption						

Figure 7. Aluminium production and consumption trends in Canada, 2006-2011, thousand metric tons

Aluminium producers in Canada:

Rio Tinto Alcan

1188, Sherbrooke Street West

Montreal, Quebec

H3A 3G2, Canada

Telephone: + 1 514 848 8000

<http://www.riotintoalcan.com/>

...

Rio Tinto was moving forward with construction of a new smelter



Foreign Trade

Table 5. Export and import of Unwrought aluminum in Canada, 2006-2011

	2006	2007	2008	2009	2010	2011
Export, thousand \$						
Export, tons						
Import, thousand \$						
Import, tons						
Trade balance, tons						

Figure 8. Export and import dynamics of Unwrought aluminum in Canada in 2006-2011, tons

Figure 9. Trade balance of Unwrought aluminum in Canada in 2006-2011, tons

Table 6. Structure of Unwrought aluminum export by country in Canada in 2010-2011

Period / Canada - Partner	Trade value, \$	Net weight, kg	Average price, \$/kg	Country share,%
2010 total including: USA Netherlands Mexico Japan Rep. of Korea United Kingdom Norway France Brazil China				
2011 total				



including: USA Netherlands Mexico Norway Japan Rep. of Korea United Kingdom France United Arab Emir- ates India				
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Table 7. Structure of Unwrought aluminum import by country in Canada in 2010-2011

Period / Canada - Partner	Trade value, \$	Net weight, kg	Average price, \$/kg	Country share,%
2010 total including: USA Canada New Zealand Russian Federation Brazil Germany Venezuela Czech Rep. Netherlands China				
2011 total including: USA Canada New Zealand Germany				



United Arab Emirates				
China				
Russian Federation				
Venezuela				
Australia				
Brazil				

Table 8. Export and import of Aluminum waste and scrap in Canada, 2006-2011

	2006	2007	2008	2009	2010	2011
Export, thousand \$						
Export, tons						
Import, thousand \$						
Import, tons						
Trade balance, tons						

Figure 10. Export and import dynamics of Aluminum waste and scrap in Canada in 2006-2011, tons

Figure 11. Trade balance of Aluminum waste and scrap in Canada in 2006-2011, tons

Table 9. Structure of Aluminum waste and scrap export by country in Canada in 2010-2011

Period / Canada - Partner	Trade value, \$	Net weight, kg	Average price, \$/kg	Country share,%
2010				
total				
including:				
USA				
China				
Rep. of Korea				
Ireland				
Other Asia, nes				



India				
France				
Pakistan				
China, Hong Kong SAR				
Viet Nam				
2011 total including: USA China Rep. of Korea France Ireland Other Asia, nes Spain United Kingdom China, Hong Kong SAR Brazil				

Table 10. Structure of Aluminum waste and scrap import by country in Canada in 2010-2011

Period / Canada - Partner	Trade value, \$	Net weight, kg	Average price, \$/kg	Country share,%
2010 total including: USA France Namibia Australia Cuba United Kingdom Canada Rep. of Korea Dominican Rep.				



China, Hong Kong SAR				
2011 total including: USA France United Kingdom Cuba Canada Mexico Rep. of Korea Venezuela Costa Rica Israel				