


World-Class Infrastructure

Canada's integrated transportation network enables foreign investors to source inputs and move goods to market faster and at lower cost than would be possible with Canada's competitors.



Canada's land transportation networks are among the most efficient in the world. In 2006, Canada's 1.4-million kilometre road network was the second-longest such network in the OECD, after the United States.⁷ Canada's uncongested roadways are highly integrated with those of the United States, and are serviced by world-class truck carriers that move cargo efficiently across North America.

Canada's vast road network is complemented by one of the world's most extensive and most efficient rail infrastructures. With 64,438 kilometres of track in operation, 35,000 employees, 3,271 locomotives, and 100,000 freight cars, Canada's railway network is the third longest in the world, behind the United States and the Russian Federation.⁸ Throughout the last 15 years, regulatory reforms of the rail system in Canada massively improved rail rates and rail productivity resulting in a system that Canadian businesses and foreign investors can rely on to deliver their goods in a cost-effective manner. Canada's railway system is significantly more productive, and hence efficient, than railways in other G7 countries.

Unparalleled telecom connectivity

Canada ranks first in the G7 in broadband and high-speed Internet usage. It ranks second only to the United States among G7 countries when it comes to personal computer use in its population. Canada also has one of the lowest business telephone charge rates among G7 economies.

Canada has created a national research network. Canadian researchers are connected to Canada's National Research and Innovation Network, CANARIE Network, the world's premiere advanced research network that can accommodate new high bandwidth applications and extreme high bandwidth grid projects. The \$110-million CANARIE Network is provisioned at speeds of up to 40 Gbps, about two to three times the speed of similar networks overseas. The CANARIE Network interconnects provincial research networks, universities, research centres, government research laboratories, schools, and other eligible sites with each other and with international peer networks.

⁷ OECD. *International Road Traffic Accident Database*. 2006.

⁸ Railway Association of Canada. *2007 Railway Trends*.