



Geophysical exploration and remote sensing are worthy of note, as are Canada's scientific contributions to medicine. Canadians have been responsible for many of the latest advances in radiotherapy, irradiation equipment and even portable dental clinics for remote outposts. Canada designed the remote manipulator arm, Canadarm, being used successfully in US space shuttles.

In STOL (short take-off and landing) aircraft, Canada is also in the forefront. First developed for use in the Canadian North, Canadian STOL aircraft are used in many parts of the world over difficult terrain. They also provide short range, inter-city service.

Agriculture is a scientific industry in Canada. Without research in plant breeding, disease and insect control, crop and animal production, soils and a host of other activities, Canada would not be able to export between \$4 and \$5 billion in wheat, animal and edible products every year. Many scientists are employed in agricultural research.