

**Quarantine.**—Under the Quarantine Act, all vessels, aircraft and other conveyances together with their crew members and passengers arriving in Canada from foreign countries are inspected by quarantine officers to detect and correct conditions that could lead to the entry and spread of quarantinable diseases in Canada. Fully organized quarantine stations are located at all major seaports and airports.

Under the provisions of the Leprosy Act, modern facilities for the diagnosis and treatment of leprosy are provided at Tracadie, N.B., for the small number of persons in Canada suffering from this disease.

**Sick Mariners.**—Under the authority of Part V of the Canada Shipping Act, the Department of National Health and Welfare provides prepaid health services for crew members of foreign-going ships arriving in Canada and Canadian coastal vessels in inter-provincial trade; crew members of Canadian fishing and government vessels may participate on an elective basis. Hospital care of crew members having residence in Canada is the responsibility of the provincial hospital insurance authority concerned.

**Civil Aviation Medical Service.**—Medical examiners are responsible for the standard of physical fitness of personnel flying civil aircraft.

**Civil Service Health Counselling Service.**—Formerly available chiefly to the public service in Ottawa, health counselling is now offered through major medical services units to federal employees throughout the country.

#### **Subsection 5.—Medical Research and International Health**

**Medical Research.\***—Medical research in Canada is carried on in universities and hospitals and by research institutes and government departments. Financial support for such research, provided by the federal and provincial governments, by private foundations and voluntary agencies and by the universities and hospitals themselves, assists in establishing research fellowships for training, in providing salaries to established investigators and in the awarding of grants in aid of research in the various disciplines of the medical sciences.

The Department of National Health and Welfare conducts intramural research related to its statutory functions and with the object of preserving and improving the health of Canadians. Within the Department, research is done in the laboratories or clinic services of the Health Services Directorate (particularly its Laboratory of Hygiene and Divisions of Occupational Health, Radiation Protection, Nutrition, and Epidemiology), of the Food and Drug Directorate, and of the Medical Services Directorate. In the Administration Branch, the Research and Statistics Division carries out special studies, including surveys, in social and medical economics. The Department of National Defence maintains well-equipped laboratories in which research is carried out concerned chiefly with raising the operating efficiency of the person working in the military environment. The Department of Veterans Affairs encourages research in its own hospitals, mainly in the fields of chronic illness such as arthritis, atherosclerosis, and metabolic, nutritional, neurological and mental disorders.

A great variety of medical problems are studied in medical school laboratories, hospitals and other medical institutes. In this area, funds from the federal treasury are provided through the Medical Research Council, the Department of National Health and Welfare and the Defence Research Board. The Medical Research Council has an interest in the broad field of the medical sciences and has an established policy with respect to the support of scientific personnel and to grants in aid of research. The former category involves awards to Medical Research Fellows who are in training, as well as to Medical Research Scholars and Medical Research Associates who are independent scientists, the first less senior than the second. The grants in aid of research involve assistance

---

\* Prepared by Dr. J. Auer, Secretary, Medical Research Council, Ottawa.