

Museums and Art Galleries.—At pp. 1025-1026 of the 1939 Year Book a list of the museums (including art galleries) in Canada employing full-time staff is published, showing floor space and average daily attendance at each. There has been no official detailed report published by the Dominion Bureau of Statistics on this subject since 1938. In 1945, however, a complete list of art museums, societies and schools in Canada was published in the *American Art Annual* (New York).

Section 2.—Scientific and Industrial Research in Canada

The field of scientific research in Canada is too broad to cover in detail in each edition of the Year Book and since all research work, whether government or private, is co-ordinated in the National Research Council, a description of the development and work of the Council appears as standard material. During the war years, 1939-45, some deviation from the regular procedure was necessary but in this, the first post-war edition of the Year Book, the regular practice is again being followed.

Research work is carried on by the Departments of Agriculture, Mines and Resources, Fisheries, the Board of Grain Commissioners and the Dominion Observatories. These bodies have trained permanent scientific staffs for investigation and research in their own fields such as soil problems, crops, breeding and testing of animals, processing and marketing, extractive and physical metallurgy, silvicultural and forest products, hydrography, ocean and mollusk fisheries, etc.

The Board of Grain Commissioners employs a staff of seven chemists and 21 assistants in the main research laboratories for milling, baking, malting, etc., while the Dominion Observatories carry out research in the fields of solar physics, astrophysics, seismology, terrestrial magnetism, gravity and other studies.

Universities often show bold initiative in exploring the field of scientific research but with the limited facilities at their disposal the task of carrying their discoveries to a conclusion is not always easy. Government and industrial laboratories are often able to pick up and carry on where the universities leave off.

A special field of research is also being performed by the Research Foundations. The Ontario Research Foundation, established in 1928, has conducted its activities in four buildings adjoining Queen's Park, Toronto, Ont. The object of the Foundation is to provide an independent non-profit-seeking scientific organization available to the public and to industry for assistance in matters of a technological character.

The Banting Research Foundation is used to support the work of the Banting and Best Chair of Medical Research in the University of Toronto and to aid medical research throughout Canada.

The Rockefeller Foundation has given assistance to various agencies in Canada for the purpose of furthering scientific research in medical science, natural science, social science and public health.

A detailed account of scientific and industrial research in Canada is given at pp. 970-1012 of the 1940 Year Book. Reprints of this article, brought up to date (1945), may be obtained from the Bureau of Statistics, Ottawa, price 15 cents.