

Subsection 10.—Agricultural Statistics of the Census.

A selection of the more important agricultural statistics of the Census of 1921 was published at pp. 269-271 of the 1929 edition of the Year Book. Further, certain agricultural statistics of the Prairie Provinces collected at their quinquennial census of 1926 were published at pp. 271-273 of the same volume. The complete agricultural statistics of the Census of 1921 are published in Volume V of the publications of the Census of that year, while the detailed agricultural statistics of the Census of the Prairie Provinces of 1926 will be found in the reports of the Census of that year, issued separately for the provinces of Manitoba, Saskatchewan and Alberta.

Area suitable for Agriculture.—Various estimates of the areas of agricultural land in Canada have been made. Such estimates must necessarily be of a very tentative character, especially in view of the fact that every advance in the art of evolving more frost-resistant and drought-resistant species of cultivated grains, etc., increases the area of potential agricultural land, while the same result follows from the introduction of improved methods of tilling the soil, as in dry-farming. Of the grand total land area of Canada, now estimated at 2,243,000,320 acres, 1,306,320,000 acres are within the nine provinces, and Table 49, based partly upon the Census of 1921, is presented as a fair estimate of the possible farm land in these provinces under present conditions.

49.—Total Land Area of the Provinces of Canada, 1929, with Estimated Possible Farm Land and Farm Land Occupied, 1921.

Provinces.	Total land area.	Estimated possible farm land.		Occupied as farm land 1921.		Per cent of possible farm land occupied.		
		acres.	p.c. of total.	acres.	p.c. of total.	1921.	1911.	1901.
Prince Edward Island.	1,397,760	1,258,190	90.0	1,216,483	87.0	96.7	95.6	94.9
Nova Scotia.....	13,275,520	8,092,000	60.0	4,723,550	35.0	58.4	65.0	62.8
New Brunswick.....	17,734,400	10,718,000	60.0	4,269,560	23.9	39.8	42.3	41.5
Quebec.....	365,442,560	43,745,000	9.9	17,257,012	3.9	39.4	35.7	33.0
Ontario.....	229,095,680	56,450,000	24.1	22,628,901	9.7	40.1	39.3	37.8
Manitoba.....	143,857,280	24,700,000	16.6	14,615,844	9.8	59.2	49.3	35.8
Saskatchewan.....	152,304,000	93,458,000	60.0	44,022,907	28.3	47.1	30.1	4.1
Alberta.....	159,232,000	97,123,000	60.0	29,293,053	18.1	30.2	17.9	2.8
British Columbia.....	223,980,800	22,618,000	10.0	2,860,593	1.3	12.6	11.2	6.6
Total.....	1,306,320,000	358,162,190	25.6	140,887,903	10.1	39.3	30.4	17.7

Subsection 11.—Miscellaneous Agricultural Statistics.

Agricultural Irrigation.—The control of the surface waters in the provinces of Alberta, Saskatchewan, Northern Manitoba and part of the Northwest Territories is vested in the Crown in the right of the Dominion of Canada by the Irrigation Act (R.S.C. 1927, c. 104), administered by the Dominion Water Power and Reclamation Service of the Department of the Interior. All matters that affect the control of water supply generally, as well as the inspection and authorization of works for the use of water for domestic, municipal, industrial and irrigation purposes and the granting of licences for such purposes, are dealt with thereunder. The Commissioner of Irrigation at Calgary, Alberta, is responsible for all field administration. The Irrigation Districts Act of Alberta (R.S.A. 1922, c. 114) and amending statutes provide for the formation of irrigation districts under the Dominion Act and authorize the raising of loans under by-laws adopted by the voters of the district. In the