

2.—Hydraulic Turbine Horsepower Installed, by Province, as at Dec. 31, Decennially 1900-50 and Annually 1951-62—concluded

Year	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	Canada
	hp.	hp.	hp.	hp.	hp.	hp.
1900.....	1,000	—	280	9,366	5	173,323
1910.....	38,800	30	655	64,474	3,195	977,171
1920.....	85,325	35	33,122	309,534	13,199	2,515,559
1930.....	311,925	42,035	70,532	630,792	13,199	6,125,012
1940.....	420,925	90,835	71,997	788,763	18,199	8,584,438
1950.....	595,200	111,835	107,225	1,284,208	28,450	12,562,750
1951.....	596,400	111,835	207,825	1,358,808	28,450	13,342,504
1952.....	716,900	111,835	207,825	1,432,858	31,450	14,305,880
1953.....	716,900	109,835	207,960	1,496,518	32,440	14,929,074
1954.....	756,900	109,835	258,710	2,246,868	32,440	16,684,131
1955.....	796,900	109,835	284,010	2,271,460	33,240	17,511,148
1956.....	796,900	109,835	285,010	2,514,960	33,240	18,356,148
1957.....	778,900	109,835	308,010	3,122,460	36,240	19,891,008
1958.....	778,900	109,835	312,595	3,310,460	51,240	22,379,626
1959.....	778,900	128,835	312,455	3,499,106	51,240	24,633,624
1960.....	946,900	132,135	414,455	3,700,326	60,440	26,333,444
1961.....	988,900	142,135	414,455	3,701,326	60,440	26,688,094
1962.....	988,900	142,135	414,455	3,701,326	60,440	27,103,562

Table 3 indicates the respective amounts of water power developed by utilities and by industrial establishments. For the purposes of this tabulation, utilities are defined as companies, municipalities or individuals who sell most of the power they develop. In some cases, they include also certain subsidiary companies whose main purpose is to develop and sell power to a parent company for industrial purposes. The total of 21,012,661 hp. of turbine capacity installed in plants operated by utilities on Jan. 1, 1963 represented 78 p.c. of Canada's total installed capacity.

Industries are defined as companies or individuals who develop power mainly for their own use. The total installed capacity of plants operated by industrial establishments on Jan. 1, 1963 was 6,090,901 hp. In addition to the power generated in their own plants, industries purchase a considerable amount from utilities.

The total hydraulic installation at the beginning of 1963 (27,103,562 hp.) is the total of all existing installations of water wheels and hydraulic turbines in Canada.

3.—Installed Water Power Capacity, by Province, as at Jan. 1, 1963

Province or Territory	Turbine Installation		Total
	Utilities ¹	Industries ²	
	hp.	hp.	hp.
Newfoundland.....	390,305	113,720	504,025
Prince Edward Island.....	240	1,420	1,660
Nova Scotia.....	189,345	15,193	204,538
New Brunswick.....	283,408	26,318	309,726
Quebec.....	9,159,678	3,657,167	12,816,845
Ontario.....	7,516,110	443,402	7,959,512
Manitoba.....	973,000	15,900	988,900
Saskatchewan.....	125,500	16,635	142,135
Alberta.....	413,390	1,065	414,455
British Columbia.....	1,920,945	1,780,381	3,701,326
Yukon and Northwest Territories.....	40,740	19,700	60,440
Canada.....	21,012,661	6,090,901	27,103,562
Percentage of total installation.....	78	22	100

¹ Includes only hydro-electric installations that develop power mainly for sale. power installations developed by industries mainly for their own use.

² Includes only water