

26.—Power Equipment Installed in Manufacturing and Mining Industries, 1939-47, with Details by Provinces, 1946 and 1947—concluded

Year and Province or Territory	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Electric Motors Operated by Purchased Power	Total Power Equipment Installed	Total Electric Motor Capacity	Percentage Electric Power to Total Power
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	
1947							
Prince Edward Island	1,166	2,716	1,552	1,672	7,106	1,673	23.5
Manufacturing.....	1,166	2,716	1,552	1,672	7,106	1,673	23.5
Mining.....	—	—	—	—	—	—	—
Nova Scotia	106,899	39,416	14,984	224,283	385,582	248,245	64.4
Manufacturing.....	72,294	27,964	14,984	146,928	262,170	161,522	61.6
Mining.....	34,605	11,452	—	77,355	123,412	86,723	70.3
New Brunswick	88,109	26,084	23,886	156,744	294,823	214,949	72.9
Manufacturing.....	86,579	22,141	23,886	153,703	286,309	211,741	74.0
Mining.....	1,530	3,943	—	3,041	8,514	3,208	37.7
Quebec	202,342	107,996	277,600	2,224,665	2,812,603	2,404,664	85.5
Manufacturing.....	200,254	78,602	274,735	2,013,303	2,566,894	2,186,051	85.2
Mining.....	2,088	29,394	2,865	211,362	245,709	218,613	89.0
Ontario	462,122	169,789	272,084	2,445,557	3,349,552	2,848,977	85.1
Manufacturing.....	459,122	123,845	269,234	2,143,872	2,996,073	2,540,134	84.8
Mining.....	3,000	45,944	2,850	301,685	353,479	308,843	87.4
Manitoba	18,849	15,678	190	244,900	279,617	250,469	89.6
Manufacturing.....	18,214	12,320	190	172,187	202,911	177,449	87.5
Mining.....	635	3,358	—	72,713	76,706	73,020	95.2
Saskatchewan	13,830	24,816	—	46,733	85,379	47,574	55.7
Manufacturing.....	12,765	19,945	—	37,763	70,473	37,990	53.9
Mining.....	1,065	4,871	—	8,970	14,906	9,584	64.3
Alberta	53,039	50,452	—	150,561	254,052	164,211	64.6
Manufacturing.....	26,157	39,138	—	100,874	166,169	107,089	64.4
Mining.....	26,882	11,314	—	49,687	87,883	57,122	65.0
British Columbia	183,903	149,966	244,452	359,942	938,263	584,852	62.3
Manufacturing.....	171,168	126,157	213,880	311,498	822,703	480,561	58.4
Mining.....	12,735	23,809	30,572	48,444	115,560	104,091	90.1
Yukon and N.W.T.	119	5,513	19,700	2,642	27,974	11,633	41.6
Manufacturing.....	119	476	—	24	619	24	3.9
Mining.....	—	5,037	19,700	2,618	27,355	11,609	42.4
Canada	1,130,378	592,426	854,448	5,857,699	8,434,951	6,777,047	80.3
Manufacturing.....	1,047,838	453,304	798,461	5,081,824	7,381,427	5,904,234	80.0
Mining.....	82,540	139,122	55,987	775,875	1,053,524	872,813	82.8

Section 5.—Fuel Used in Canadian Industry

Fuel is used quite generally throughout the industrial field for the generation of power by means of steam- and internal-combustion engines. It is used also for the heating of plants and for providing the heat necessary to some manufacturing processes. The most important industries where heat is applied to materials to facilitate or accomplish a desired transformation are: foundries; brick, tile, lime and cement works; petroleum refineries; the glass industry; distilleries; food preparation plants; rubber goods industry; etc. The figures of Table 27 cover fuel used for such heating purposes and for power. Fuels that constitute the raw materials to be transformed, such as coal in the coke and gas industries, crude petroleum in the refining industry and electricity used in such metallurgical processes as the electrolytic refining of non-ferrous metals, are not included.