

24.—Power Equipment Installed in Manufacturing and Mining Industries, 1934-45, with Details by Provinces, 1945—concluded

Year and Province	Steam Engines and Turbines	Internal Combustion Engines	Hydraulic Turbines and Water Wheels	Electric Motors Operated by Purchased Power	Total Power Equipment Installed	Total Motor Capacity	Percentage Electric Power to Total Power
	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.	h.p.
1945							
Prince Edward Island	1,404	1,110	1,491	1,374	5,379	1,374	25.5
Manufacturing.....	1,404	1,110	1,491	1,374	5,379	1,374	25.5
Mining.....	Nil	Nil	Nil	Nil	Nil	-	-
Nova Scotia	125,430	22,391	14,844	164,524	327,189	245,508	75.0
Manufacturing.....	71,644	18,440	14,824	95,236	200,144	160,833	80.4
Mining.....	53,786	3,951	20	69,288	127,045	84,675	66.5
New Brunswick	88,196	14,724	28,485	137,665	269,070	191,441	71.1
Manufacturing.....	86,741	13,148	28,485	135,800	264,174	189,349	71.7
Mining.....	1,455	1,576	Nil	1,865	4,896	2,092	42.7
Quebec	218,358	82,847	348,404	2,070,396	2,720,005	2,250,091	82.7
Manufacturing.....	212,418	58,490	317,360	1,777,161	2,365,429	1,947,729	82.3
Mining.....	5,940	24,357	31,044	293,235	354,576	302,362	85.3
Ontario	429,851	125,886	238,881	2,363,801	3,158,419	2,710,072	85.8
Manufacturing.....	421,994	97,431	236,211	1,977,890	2,733,526	2,314,388	84.7
Mining.....	7,857	28,455	2,670	385,911	424,893	395,684	93.1
Manitoba	18,027	9,252	34	190,823	218,136	198,389	90.9
Manufacturing.....	17,312	7,859	34	155,365	180,570	161,493	89.4
Mining.....	715	1,393	Nil	35,458	37,566	36,896	98.2
Saskatchewan	20,812	21,207	-	118,054	160,073	119,932	74.9
Manufacturing.....	18,515	17,678	Nil	47,260	83,453	47,547	57.0
Mining.....	2,297	3,529	"	70,794	76,620	72,385	94.5
Alberta	48,287	30,882	25	146,428	225,622	155,534	68.9
Manufacturing.....	28,479	21,426	25	95,711	145,641	96,625	66.3
Mining.....	19,808	9,456	Nil	50,717	79,981	58,909	73.7
British Columbia	177,102	76,144	138,863	399,705	791,814	592,573	74.8
Manufacturing.....	156,743	59,031	111,168	300,822	627,764	455,211	72.5
Mining.....	20,359	17,113	27,695	98,883	164,050	137,362	83.7
Yukon and N.W.T.	44	1,525	19,700	1,154	22,423	5,821	26.0
Manufacturing.....	44	510	Nil	17	571	17	3.0
Mining.....	Nil	1,015	19,700	1,137	21,852	5,804	26.6
Canada	1,127,511	385,968	790,727	5,593,924	7,898,130	6,470,735	81.9
Manufacturing.....	1,015,294	295,123	709,598	4,586,636	6,606,651	5,374,566	81.4
Mining.....	112,217	90,845	81,129	1,007,288	1,291,479	1,096,169	84.9

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 25 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 excluded.