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DOMINION BUREAU OF STATISTICS.

Ottawa, March, 1

THE ELECTRICAL APPARATUS INDUSTRY, 1918.

A preliminary report on the above industry for the calendar year 1918 has been completed by the Dominion Bureau of Statistics, covering the operations of 68 plants. Distributed according to location, Ontario had 42 plants, Quebec 13, Manitoba 7, British Columbia 3, Alberta 2 and Saskatchewan 1.

Capital Investment.

The total capital investment for the Dominion was \$43,285,405, of which \$10,636,572 was in land, buildings and fixtures; \$6,518,132 in machinery and tools; \$17,071,528 in materials, stocks in process, finished products, fuel and miscellaneous supplies on hand as per inventory; and \$9,059,173 in working capital. Of the total investment, Ontario contributed \$26,426,129, Quebec \$16,525,454, Manitoba \$253,026, British Columbia \$42,881, Alberta \$19,736 and Saskatchewan \$18,179.

Employees, Salaries and Wages.

The number of persons at employment by classes and by sex, together with the amounts paid to each class in salaries or wages are shown in the following tabular statement:-

Classes of employment	No. of employees		Salaries and Wages.
	Male	Female	
Officers, superintendents, managers	256	4	741,361
Clerks, stenographers and other salaried employees	852	569	1,563,577
Wage earners, average number	5,483	1,695	6,144,903
Outside piece-workers	4	-	6,864
Totals	6,595	2,268	8,456,705

Classified according to weekly wages in specified groups, the number of persons by age and sex were:-

Groups of classified wages.	Over 16 years.		Under 16 years.	
	Male	Female	Male	Female
Under \$5 per week	8	9	1	2
From \$5 to under \$10 per week	221	345	107	13
From \$10 to under \$15 per week	462	918	15	12
From \$15 to under \$20 per week	1,451	155	1	-
From \$20 to under \$25 per week	1,274	46	-	-
Over \$25 per week	1,794	11	-	-
Totals	5,210	1,484	124	27

Fuel Consumption.

The total value of all fuel used during the year amounted to \$497,074, of which \$87,325 was of Canadian origin and \$409,749 of foreign origin. Coal used amounted to 52,328 tons valued at \$328,165; coke, 1,880 tons valued at \$21,310; gasoline 15,120 gallons worth \$5,528; fuel oil 373,681 gallons worth \$41,607; wood 237 cords worth \$1,928; gas, natural and artificial, 14,814 m. cubic feet worth \$27,106; and other fuel for which no quantity is given to the value of \$17,430.



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Miscellaneous Expenses.

The outlay under this heading for the year amounted to \$4,330,448, and comprised the following items - rent of offices, works, etc., \$296,975; rent of power \$263,358; insurance premiums \$122,048; taxes, (internal revenue, war, etc.) \$227,659; taxes (municipal, provincial, etc.) \$161,890; royalties, use of patents, etc. \$20,125; advertising expenses \$160,064; travelling expenses \$187,844; ordinary repairs to buildings and plants \$1,025,669, and all other sundry expenses \$1,909,816.

Materials used.

The quantity and cost value of all materials delivered at the works during the year are summarized in the following table:-

Classes of materials	Unit of measure	Quantity	Cost value at works.
Foundry castings, iron, brass, copper and aluminum	tons	95,099	\$1,895,700
Pig Iron	"	4,190	219,832
Steel, bar, sheet and castings of	"	6,287	975,841
Wire	"	1,287	187,380
Insulating materials	"	6,290	1,214,194
Lumber	m.ft.	2,468	109,039
Mica	lbs.	177,960	85,013
Copper and copper wire	"	5,332,447	4,099,313
Chemicals	-	-	175,459
All other miscellaneous materials	-	-	4,818,891
Total cost			\$13,780,667

Products.

The quantity and selling value at the works of all articles produced during the year is given in the following table:-

Classes of products	Unit of measure	Quantity	Selling value at works.
Dynamos, generators & converters	No.	14,249	\$1,503,443
Transformers	"	193,904	2,291,874
Switch boards, panel boards and cabinets	-	-	990,898
Motors, all kinds	No.	115,111	2,720,673
Storage batteries	"	262,514	212,624
Primary batteries	"	4,869,468	1,397,635
Incandescent lamps	"	3,601,288	1,525,198
Incandescent lamps (No. not spec.)	-	-	399,547
Sockets, receptacles, bases, etc.	-	-	415,855
Electric lighting fixtures, all kinds	-	-	311,844
Telegraph apparatus	-	-	71,230
Telephone transmitters	No.	26,175	50,000
" receivers	"	56,759	95,000
" interior systems	"	46,478	444,000
central switchboards	"	37	750,000
private exchange boards	"	323	110,000
ated wires and cables	-	-	5,154,984
ical machinery, all other	-	-	1,738,085
is	-	-	1,362,666
ther miscellaneous products	-	-	8,492,843
Total selling value			\$30,045,399

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