

DOMINION BUREAU OF STATISTICS - CANADA
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Chief: S. J. Cook, B.A., A.I.C., F.C.I.C.THE MACHINERY INDUSTRY IN CANADA, 1927.

Production from the machinery industry in Canada during 1927 was valued at \$44,602,135, an increase of 16 per cent over the output value of \$38,380,019 in 1926, and 10 per cent over the previous record of \$40,535,474 established in 1920.

Of the 160 firms reporting to the Bureau of Statistics, under the machinery industry, 116 were located in the province of Ontario, 27 in Quebec, 10 in British Columbia, 4 in Manitoba, 2 in Saskatchewan, and 1 in New Brunswick. These concerns employed a capital of \$62,006,808, gave work to an average of 9,947 people to whom the sum of \$13,094,050 was paid in salaries and wages, used fuel and electricity worth \$710,033, and by manufacturing processes added \$29,324,162 to the value of purchased materials which cost \$15,277,973.

Among the main products of the industry were the following items: pulp and paper machinery valued at \$ 8,432,332; household machinery at \$5,043,375; office and business machinery, \$5,090,501; mining and metallurgical machinery, \$2,406,077; elevators and parts, \$2,608,307; water wheels and turbines, \$1,384,485; metal working machinery, \$1,362,977; laundry machinery, \$1,345,537; pumps, \$1,102,303; transmission machinery, \$1,118,447; and other lines such as fire fighting apparatus, oil burners, pipe and fittings, automobile accessories, conveyors, and machinery for bottling, refrigerating, flour mills, grist mills, bakeries, woodworking, stoneworking, etc.

Table 1.- PRINCIPAL STATISTICS OF THE MACHINERY INDUSTRY IN CANADA, 1923 - 1927.

Year	No. of plants	Capital employed \$	No. of employ- ees	Salaries and wages \$	Cost of mater- ials \$	Selling value of products \$	Value added by manu- facturing \$
1923 ...	141	50,908,442	8,422	10,613,860	9,044,475	28,901,052	19,856,577
1924 ...	148	54,058,263	8,260	10,563,171	9,884,892	29,100,997	19,216,105
1925 ...	151	55,431,604	8,313	10,767,051	10,985,865	30,462,650	19,476,785
1926 ...	156	59,711,942	9,548	12,443,610	13,455,829	38,380,019	24,924,190
1927 ...	160	62,006,808	9,947	13,094,050	15,277,973	44,602,135	29,324,162

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2.- PRODUCTS^x OF THE MACHINERY INDUSTRY IN CANADA, 1926 and 1927.

Product	1 9 2 6		1 9 2 7	
	Quantity	Selling value \$	Quantity	Selling value \$
Machinery -				
Bakery machinery -				
Mixing machines.....No.	152	94,662	48	37,505
Ovens.....No.	64	45,826	52	46,093
Other bakery equipment.....-	1..	238,795	...	342,604
Bottlers' machinery.....-	...	137,307	...	172,955
Concrete and cement-making machinery -				
Concrete mixers.....-	...	213,536	723	203,823
Other concrete and cement-making machinery.....-	...	117,935	...	69,450
Conveyors.....-	...	256,149	...	245,032
Dairy machinery.....-	...	255,893	...	218,151
Elevators, freight and passenger.....-	...	1,650,247	...	2,479,768
Elevator parts.....-	...	277,656	...	128,539
Fire fighting equipment.....-	...	519,533	...	623,882
Flour and grist mill machinery -				
Grain grinders.....-	...	54,226	...	102,326
Rolls.....-	...	26,825	...	4,264
Other flour and grist mill machinery.....-	...	571,883	...	856,476
Grain elevator machinery.....-	...	184,172	...	263,775
Hoisting machinery (other than mining).....-	...	674,079	...	1,163,557
Household machinery -				
Washing machines, hand.....No.	3,625	67,480	2,622	42,058
Washing machines, electric.....No.	12,977	1,343,276	29,370	2,184,919
Washing machines, other power.....No.	10,440	204,617	1,117	55,719
Other household machinery including wringers, sewing machines, etc.....-	...	2,776,996	...	2,760,679
Laundry machinery, including cleaning and pressing machines.....-	...	1,138,152	...	1,345,537
Leather working machinery including boot and shoe machines, tanning machines, etc. -	...	313,107	...	416,961
Machinery parts.....-	...	1,598,700	...	711,141
Metal working machinery including drills, shapers, milling machines, pipe cutting and threading machines, forgers, blowers, grinders, lathes, etc.....-	...	1,214,738	...	1,362,977
Mining and metallurgical machinery including hoists, air compressors, crushers, rock drills, etc.....-	...	1,768,957	...	2,406,077
Office and business machinery -				
Scales.....No.	20,647	1,494,456	23,904	1,738,694
Other office and business machinery including account registers, adding machines, cash registers, meat slicers, time recorders, typewriters, etc.....-	...	2,939,926	...	3,351,807
Pulp and paper machinery.....-	...	6,675,313	...	8,432,332
Pumps - piston, steam and other power.....-	...	802,005	...	922,399
centrifugal.....No.	152	50,881	...	141,314
other pumps.....-	...	273,816	...	38,590
Road machinery including scrapers and other road-making and excavating machinery.....-	...	344,875	...	465,732
Saw and planing mill machinery.....-	...	288,110	...	323,815
Ships' machinery and fittings.....-	...	35,426	...	38,354
Stone-working machinery.....-	...	180,000	...	195,000
Textile machinery.....-	...	40,221	...	45,136
Transmission machinery, including brackets, hangers, shafting and other parts.....-	...	1,006,488	...	1,118,447
Water wheels and turbines.....-	...	739,027	...	1,384,485

2.- PRODUCTS^x OF THE MACHINERY INDUSTRY IN CANADA, 1926 and 1927 - concluded.

Product	1 9 2 6		1 9 2 7	
	Quantity	Selling value \$	Quantity	Selling value \$
Machinery -				
Woodworking machinery -				
Band sawing machines.....No.	63	69,204	74	73,008
Boring machines.....No.	34	19,381	...	17,728
Lathes.....No.	31	9,572	25	5,997
Matchers.....No.	36	147,942	...	143,222
Moulders.....No.	32	66,596	43	79,930
Rip and cross-cut saws.....No.	207	77,031	221	90,383
Sanders.....No.	53	43,677	61	43,459
Shapers and jointers.....No.	96	42,852	91	44,520
Surfacers.....No.	34	40,130	45	55,725
Tenoners and mortisers.....No.	44	27,022	40	33,821
Other woodworking machinery..... -	...	116,713	...	57,505
All other machinery, including agricultural implements, con- fectionery machinery, cheese factory machinery, well-drilling machinery, ice-making machinery, hand knitting machinery, rubber mill machinery, pumping machinery, logging machinery, hydraulic machinery, etc..... -	...	1,315,549	...	1,433,680
Products other than machinery -				
Automobile accessories..... -	...	43,540	...	201,264
Boilers.....No.	...	225,026	26	85,735
Castings (not included elsewhere) -				
Brass.....lb.	24,549	7,747	27,950	8,655
Copper.....lb.	69,560	15,768	636,239	65,340
Grey iron.....lb.	3,646,800	196,391	7,471,524	376,234
All other..... -	...	11,040	...	214
Engines, gasoline..... -	...	2,300	...	27,148
Engines, steam..... -	...	17,150	...	9,255
Engines, gas and oil.....No.	...	30,075	221	50,725
Hardware and tools..... -	...	151,105	...	304,327
Heating and ventilating equipment. -	...	92,448	...	38,248
Patterns..... -	...	17,342	...	11,906
Valves, brass..... -	50,299
Valves, iron..... -	...	66,095	...	51,962
Amount received for custom work and repairs..... -	...	1,179,671	...	1,194,936
Products reported by only 1 or 2 firms (a)..... -	...	1,429,451	...	2,763,502
All other products..... -	...	2,303,910	...	843,034
TOTAL..... -	...	38,380,019	...	44,602,135

^x Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed as there may be also a considerable production in other industrial groups; for complete information this bulletin must be read in conjunction with the rest of the series on "Iron and Steel and Their Products". This series of bulletins is assembled and expanded into an annual printed report which may be obtained free on application to the Dominion Bureau of Statistics at Ottawa.

(a) Includes power plant metering equipment, counter check books, rail anchors, steel wire strapping for boxes, hydrants, jacks, steel dump bodies, water coolers, floor waxers, buoys, cabinets, warehouse trucks, structural steel work, wheelbarrows, steel barrels, ornamental ironwork, gasoline and oil storage tanks, and equipment, industrial furnaces, iron and steel pipe and fittings, and other products.

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