Published by Anthority of Hon.James Malcolm, M.P., Minister of Trade and Commerce.

20208

Annual Bulletin 69-16-10-28 425 copies

DOMINION EUREAU OF STATISTICS - CANADA Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C. 18 Mining, Metallurgical and Chemical Branch Chief: S. J. Cook, B.A., A.I.C., F.C.I.C.

Historical File Lopy

THE MACHINERY INDUSTRY IN CANADA, 1927.

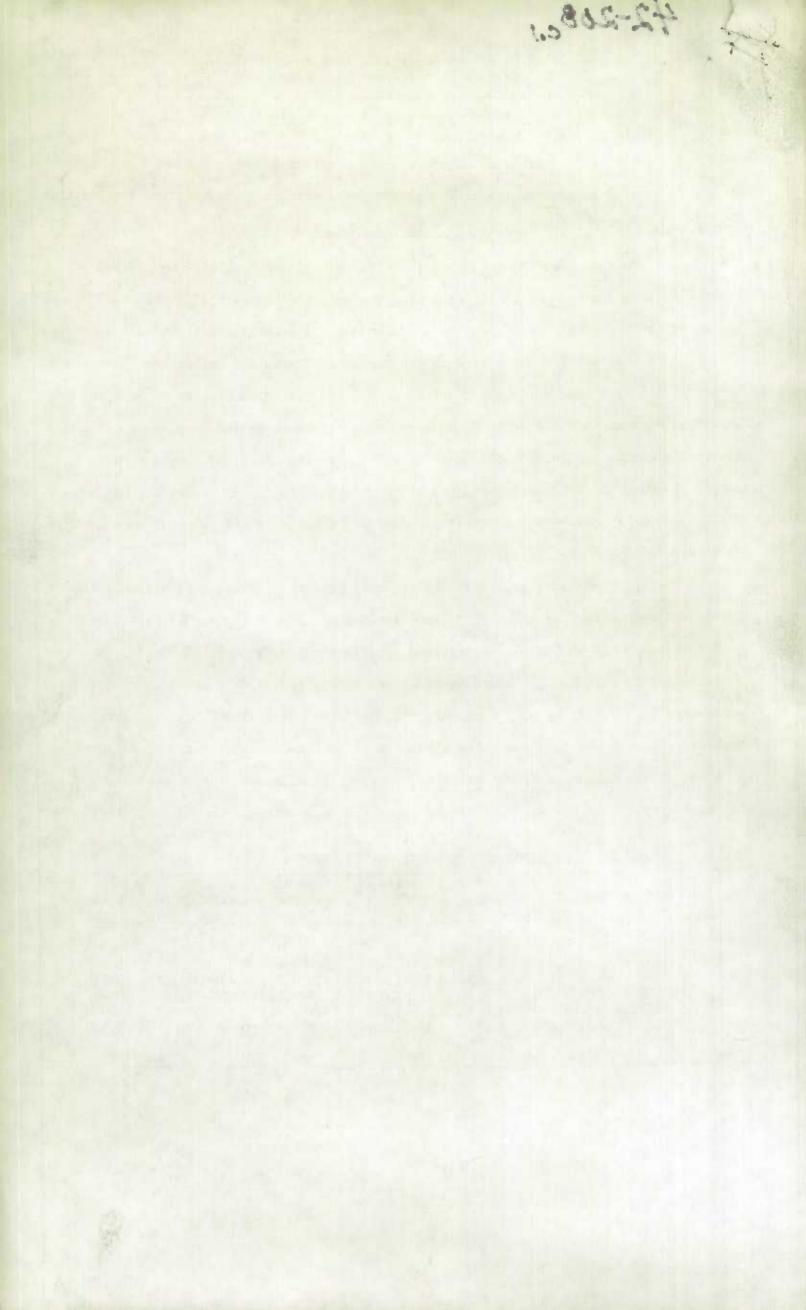
Froduction from the machinery industry in Canada during 1927 was valued at \$44,602,135, an increase of 16 per cent over the output value of \$38,380,019 in 1926, and 10 per cent over the previous record of \$40,535,474 established in 1920.

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.

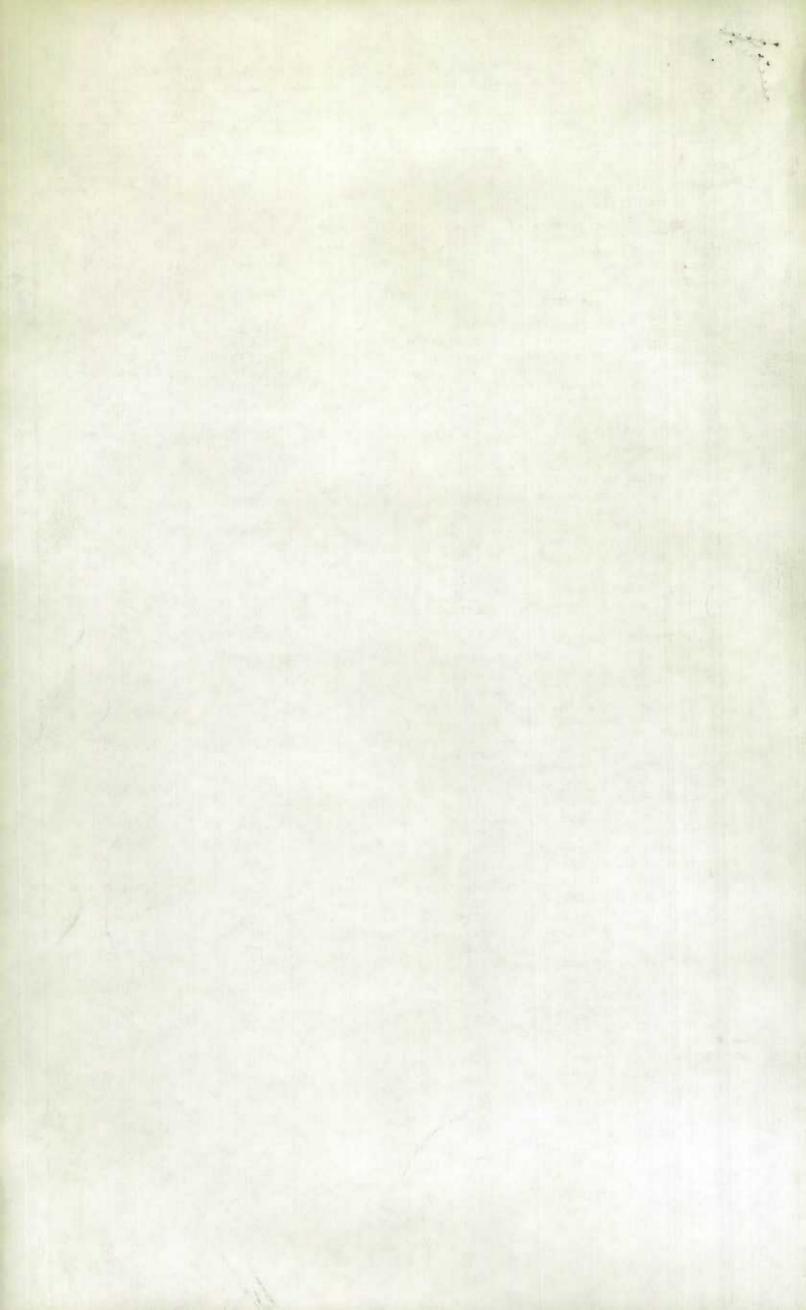
Table 1.- PRINCIPAL STATISTICS OF THE MACHINERY INDUSTRY IN CAMADA, 1923 - 1927.

Year No. of plants	Capital employed	No.of employ- ees	Salaries and wages	Cost of mater- ials	Selling value of sele products	Value added by manu- facturing	
	\$		\$	\$	\$	\$	
1923 141 1924 148 1925 151 1926 156 1927 160	50,908,442 54,058,263 55,431,604 59,711,942 62,006,808	8,422 8,260 8,313 9.548 9,947	10,613,860 10,563,171 10,767,051 12,443,610 13,094,050	9,044,475 9,884,892 10,985,865 13,455,829 15,277,973	28,901,052 29,100,997 30,462,650 38,380,019 44,602,135	19.856.577 19.216,105 19.476,785 24.924,190 29.324,162	



-2--2- PRODUCTS^{*} OF THE MACHINERY INDUSTRY IN CANADA, 1926 and 1927.

The seal		~ ~		0.7	
Product	Contraction of the local division of the loc	26	19	And the owner of the owner	
	Quantity	-	Quantity	y Selling value	STATA C
		value		\$	
Debiacry -		æ	Sector Se	Ψ	
Bakery machinery -	•		1.00		
Mixing machinesNo	1. 152	94,662	48	\$7,505	
Ovens		45.826	52	46.093	
Other bakery equipment	- 4	238,795		342,604	J
Bottlers' mach nery		137,307		172,955	1. 4° 1
Concrete and cenent-making machinery -		-)1,001		-1 1111	Tan
Concrete mixers		213,536	723	203,823	
Other concrete and cement-making	111			Constraint of the second	. 7.2%
machinery		117,935	***	69,450	-
Conveyors		256,149	***	245.032	
Dairy machinery		255,893	2.7.7	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	4. 41
Flour and grist mill machinery -		-1		200 700	
Grain grinders,	÷e 222	54,226	***	102,326	
Rolls	t	26,825	\$? * .	4,264	
Other flour and gri ' mill machinery	·	571,883	***	856,476	
Grain elevator machinery	* ***	184,172	***	263,775	15 mile
Hoisting machinery (other than mining)		674,079		1,163,557	
Household machinery -	. 7 625	67,480	2,622	42,058	
Washing machines, hand		1,343,276	29,370	2,184,919	11
Washing machines, electric	0. 10,440	204,617	.1,117	55,719	
Other household machinery including	0. 10, 440	204,011	* + + + + 1	5511+5	
wringers, sewing machines, etc		2,776,996		2,760,679	
Laundry machinery, including cleaning and		C; (10;))0	177	-11001010	
pressing machines		1,138,152		1,345,537	
Leather working machinery including boot		-1-2-1-2		1313 . La The Gas	
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				HEARING THE R	
and threading machines, forgets, blowers,					
grinders, lathes, etc		1,214,738		1,362,977	
Mining and metallurgical machinery in-					
cluding hoists, air compressors,				0 100 077	
crushers, rock drills, etc	····	1,768,957		2,406,077	
Office and business machinery -	an cha	a hole here	23,904	1,738,694	
ScalesN	0.20.647	1,494,456	63,904	1,130,094	
Other office and business machinery					
including account registers, adding					
machines, cash registers, meat slicers,		2,939,926		3,351,807	
time recorders, typewriters, etc,		6,675,313	***	8,432,332	
Pulp and paper machinery Pumps - piston, steam and other power		802,005	***	922,399	
centrifugal N		50,881		141,314	
other pumps		273,816		38,590	
Road machinery including scrapers and other		120			
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,					1
hangers, shafting and other parts		1,006,488		1,118,447	
Water wheels and turbines		739.027		1,384,485	



2.- PRODUCTSX OF THE MACHINERY INDUSTRY IN CANADA, 1926 and 1927 - concluded.

Product Quantity Solling Quantity Solling walue \$ \$ \$ Bord explig machines. No. 63 69,204 74 73.008 Boring machines. No. 74 19,381 17,728 Bard explig machines. No. 31 9,572 25 5,997 Mat Chers. No. 31 9,572 25 5,997 Mat Chers. No. 36 147,942 143,222 Sanders. No. 207 77,031 221 90,383 Sanders. No. 204 49,450 33,821 Surfacers. No. 24 27,022 40 33,821 Other wolworking machinery. - 116,713 27,505 All other machinery. pupping machinery. - 116,713 201,264 Boilers. 12,549 14,433,680	The New York Street Street	1 9	2 6	192	7 THE SALE
\$ \$ Band continery - No. 63 69,204 74 73,008 Boring machines. No. 34 19,351 17,728 Bard contines. No. 36 147,942 143,222 Moulders. No. 36 147,942 143,222 Sanders. No. 207 77,031 221 90,383 Sanders. No. 94 42,852 91 44,520 Stracers. No. 94 47,132 45 55,725 Tenoners and mortifser. No. 94 47,022 40 33,821 Other wonworking machinery. 116,713 57,505 All other machinery, well-drilling machinery. 135,549 1,433,680 Castinge (not include elsenhe	Product	Quantity	Selling	Quantity	and the second se
Woldworking machinery - Band explift meachines	Zame		value		
Woodworking machinery Baring machines. No. 63 69.204 74 73.008 Baring machines. No. 34 19.352 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. 53 43.677 61 43.459 Sanders. No. 96 42.852 91 44.520 Surfacers. No. 94 40.130 45 55.725 Tenoners and mortifers. No. 44 21.022 40 33.821 Other woodworking machinery. - 116.713 57.505 All other machinery, numbing machinery. - 1.315.549 1.433.680 Products other than machinery. - 1.315.549 1.433.680 Castings (not included leagember) - 1.315.549 1.433.680 Gotiers.	The second second second		\$		\$
Band spating machines. No. 63 69,204 74 73,008 Boring machines. No. 34 19,351 11,728 Barting machines. No. 34 19,351 11,728 Barting machines. No. 32 66,596 43 79,370 Matchers. No. 32 66,596 43 79,370 Matchers. No. 32 66,596 43 79,370 Shapers and jonters. No. 207 77,031 221 90,383 Shapers and jonters. No. 94 40,130 45 55,725 Tenoners and mortisers. No. 44 40,130 45 55,725 Tenoners and mortisers. No. 44 21,022 40 33,821 Other wodworking machinery. - 116,713 57,505 All other machinery, ell-arilling machinery, independentery, machinery, independentery, and inery, independentery, and inery, independentery, indep					
Baring machines. No. 34 19,381 17,782 Lathes. No. 31 9,572 25 5,997 Matchers. No. 32 66,596 43 79,930 Nulders. No. 32 66,596 43 79,930 Rip and cross-cut sars. No. 53 43,677 61 43,459 Sanders. No. 96 42,852 91 44,520 Surfacers. No. 94 40,130 45 55,725 Tenoners and mortisers. No. 44 27,022 40 33,821 Other wonworking machinery. - 116,713 57,505 All other machinery, therese factory machinery, etherese 57,505 factory machinery, etherese - 43,540 201,264 Boilers. - - 43,540 201,264 Boilers. - - 43,540 201,264 Boilers. - - 43,540 21,264 Boilers. <td< td=""><td></td><td>1-</td><td>(a poli</td><td>: (ج ۱۱</td><td>77 000 80</td></td<>		1-	(a poli	: (ج ۱۱	77 000 80
Lathes No. 31 9,572 25 5,997 Matchers No. 36 147,942 143,222 Moulders No. 32 66,596 43 79,30 Rip and cross-cut saws No. 32 66,596 43 79,30 Samders No. 207 77,031 221 90,383 Samders 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 wookworking machinery - 116,713 57,505 All other machinery, nell-drilling arxivaltural implements, con- fectionsy machinery, wither 1,433,680 Products other than machinery - 1,315,549 1,433,680 Costings (not included elsewhere) - 1,315,540 20,264 Costings (not included elsewhere) - 1,315,540 21,264 Brase 1,250 1,747 2					
Matchers		1 August			
Moulders		T			
Bip and cross-cut saws					
Sanders	Din and cross-mit cowe No.			~	
Shapers and jointersNo. 96 42,852 91 44,520 SurfacersNo. 34 40,130 45 55,725 Tenoners and mortisersNo. 44 27,022 40 33,821 Other woolworking machinery		·			43,459
Surfacers					44,520
Tenoners and mortisersNo. 44 27,022 40 33,821 Other woodworking machinery		7			
Other woolworking machinery	Tenoners and mortisersNo	. 44		40	
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			116,713		57,505
fectionery machinery, cheese factory machinery, well-drilling machinery, ice-making machinery, hand knitting machinery, rubber mill machinery, pumping machinery; logging machinery, hydraulic machinery, etc	All other machinery, including				
factory machinery, well-drilling machinery, ice-making machinery, hand knitting machinery, rubber mill machinery, pumping machinery; logging machinery, hydraulic machinery, etc					A State State
machinery, ice-making machinery, nubber mill machinery, pumping machinery; logging machinery, hydraulic machinery, etc					
hand knitting machinery, rubber mill machinery, pumping machinery; logging machinery, hydraulic machinery, etc					
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 225,026 26 85,735 Castings (not included elsewhere) - Brass 1.24,549 7,747 27,950 8,655 Copper 1b 24,549 7,747 27,950 8,655 Copper 1b 69,560 15,768 636,239 65,340 Grey iron 1b 3,646,800 196,391 7,471,524 376,234 All other 11,040 11 214 Engines, gasoline - 11,040 214 Engines, gasoline - 17,150 9,255 Ingines, gas and oil No 30,075 221 50,725 Hardware and tools - 15,105 304,327 Heating and ventilating equipment - 92,448 38,248 Patterns - 17,342 11,906 Valves, brass - - 66,095 51,962 Amount received for custom work and -					
logging machinery, hydraulic 1.315,549 1.433,680 Products other than machinery - 43,540 201,264 Boilers. 225,026 26 85,735 Castings (not included elsewhere) - Brass 225,026 26 85,735 Castings (not included elsewhere) - Brass 1.69,560 15,768 636,239 65,340 Grey iron 1.040 214 All other 1.040 214 Engines, gasoline 2.300 27,148 Engines, gas and oil 9,255 Ingines, gas and oil Hardware and tools Valves, brass <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
machinery, etc					1
Products other than machinery - 43,540 201,264 Boilers			1 715 clio		1 1127 680
Automobile accessories	Products other than machinemy	777	++ 2+2+2+272	* * *	1,433,000
BoilersNe, 225,026 26 85,735 Castings (not included elsewhere) - Brass	Automobile accessories		43 540		201 264
Castings (not included elsewhere) -	Boilers				
Brass	Castings (not included elsewhere) -	,			-51155
Copper		24.549	7.747	27,950	8,655
Grey iron	Copperlb				
All other. 11,040 214 Engines, gasoline. 2,300 27,148 Engines, steam. 17,150 9,255 Engines, gas and oil 30,075 221 Hardware and tools 151,105 304,327 Heating and ventilating equipment. 92,448 38,248 Patterns. 17,342 11,906 Valves, brass. 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	Grey ironlb			7,471,524	
Engines, gasoline	All other		11,040	***	
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. 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	Engines, gasoline			***	
Hardware and tools	Engines, steam				
Heating and ventilating equipment. 92,448 38,248 Patterns	Engines, gas and oil No			221	
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	Hardware and tools				
Valves, brass	Heating and ventilating equipment	222		***	
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	Matterns	***	11,342	***	
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	Valves, prass	* * *	66 005		
repairs 1,179,671 1,194,936 Products reported by only 1 or 2 firms (a)	Amount received for another ment	171	00,095	2.2.7	21,902
Products reported by only 1 or 2 firms (a) All other products			1 179 671		1,194 936
firms (a) 1,429,451 2,763,502 All other products 2,303,910 843,034	Products remorted by only 1 or 2	***	10112011	1 1 1	
All other products			1 429 451		2.763.502
	All other products				843.034
TOTAL 38,380,019 44,602,135	-				
	TOTAL		38,380,019		44,602,135

* 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, coolers, floor waxers, buoys, cabinets, warehouse trucks, structural steel work, wheelbarrows, steel barrels, ornamental ironwork, gasoline and oil storage tacks, and equipment, industrial furnaces, iron and steel pipe and fittings, and other products.

