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Published by Authority of Hon. James Malcolm, M.P., Minister of Trade and Commerce, R Annual Bulletin
SO-28-11-28
600 copies.

DOMINION BUREAU OF STATISTICS - CANADA

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. THE CASTINGS AND FORGINGS INDUSTRY IN CANADA, 1927.

Production from the castings and forgings industry in Canada during 1927 was valued at \$69,395,343, according to a statement issued by the Dominion Bureau of Statistics at Ottawa. This output value was slightly under the total of \$70,235,798 reported for 1926 which in turn was 14 per cent over the output of \$61,754,339 in 1925.

Of the 328 plants reporting in this industry, 188 were located in Ontario, 69 in Quebec, 26 in British Columbia, 16 in Nova Scotia, 12 in New Brunswick, 6 in each of Manitoba and Alberta, 3 in Prince Edward Island, and 2 in Saskatchewan. These firms represented a capital of \$89,505,687 and employed 19,149 people to whom \$24,267,396 was paid in salaries and wages during the year. Expenditures for fuel and electricity totalled \$2,082,819 and the cost of purchased materials used in manufacturing was \$26,794,797. The value added by manufacturing was \$42,600,546.

Table 1.- SUMMARY STATISTICS OF THE CASTINGS AND FORGINGS INDUSTRY IN CANADA, 1923 - 1927.

Year	No. of plants	Capital employed	No. of employees	Salaries and wages	Cost of materials	Selling value of products	Value added by manufacturing
		\$		\$	\$	\$	\$
1923 ...	321	88,325,248	19,146	23,634,438	26,741,217	70,283,006	43,541,789
1924 ...	317	88,674,538	17,217	20,878,462	22,182,216	57,494,594	35,312,378
1925 ...	324	84,812,441	17,120	21,039,510	22,522,361	61,754,339	39,231,978
1926 ...	335	91,193,541	19,183	24,037,578	27,250,473	70,235,798	42,985,325
1927 ...	328	89,505,687	19,149	24,267,396	26,794,797	69,395,343	42,600,546

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Table 2.- PRODUCTS^(x) OF THE CASTINGS AND FORGINGS INDUSTRY IN CANADA, 1926 and 1927.

Product	Unit of Measure	1926		1927	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Agricultural implements and parts.....	-	...	192,759	...	288,086
Auto supplies -					
Chains.....	-	...	569,205	...	738,586
Piston rings.....	-	...	10,581	...	3,944
Springs and axles.....	-	...	444,549	...	563,461
Other auto equipment including bumpers, differentials, transmissions, gears, radiators, etc.....	-	...	2,069,416	...	2,328,723
Boilers, heating -					
Cast iron sectional -					
hot water.....	No.	...	1,467,810	8,919	1,116,817
steam.....	No.	58	29,681	3,457	428,161
Steel fire box, locomotive type.....	No.	30	24,700	34	34,900
Horizontal return tubular.....	No.	21	22,123	30	25,504
Steel water tube.....	No.	43	40,285	46	48,375
Boilers, power -					
Water tube-horizontal type, No.		...	10,500	6	11,000
vertical type.....	No.	34	13,711	32	22,516
Horizontal return tubular, No.		36	44,937	26	40,945
Marine type.....	No.	1	750	1	350
Steel firebox, locomotive type No.		10	11,506	10	13,705
Boiler and engine parts.....	-	...	113,983	...	299,624
Boiler feed water heaters.....	-	...	304,338	...	269,499
Bolts, nuts and rivets.....	lb.	10,354,989	682,501	11,645,146	721,142
Calks, horseshoe.....	lb.	1,687,773	146,996	979,963	166,240
Car wheels.....	no.	3,600	20,222	3,576	24,793
Cars, dump.....	no.	217	30,615	...	27,296
Cars, other.....	no.	...	38,770	240	30,754
Chains, other than auto.....	lb.	11,228,355	1,202,496	10,345,046	1,054,475
Castings -					
Aluminium.....	lb.	62,371	32,614	1,272,309	119,901
Brass and bronze.....	lb.	1,718,251	482,986	1,168,536	298,379
Copper.....	lb.	93,798	28,421	54,114	22,767
Grey iron.....	lb.	139,291,228	6,750,351	107,934,726	5,364,288
Malleable iron.....	lb.	46,104,632	3,504,428	44,301,027	3,509,508
Steel.....	lb.	2,379,195	174,253	4,061,497	348,752
All other.....	-	...	71,384	...	79,938
Elevators, freight and passenger -		...	181,797	...	172,063
Enamelled ware.....	-	...	848,418	...	662,761
Engines -					
Gasoline.....	No.	48	69,080	...	95,180
Other.....	-	...	12,761	...	17,621
Feed boilers.....	No.	...	13,005	2,603	21,245
Forgings.....	lb.	41,369,106	2,954,624	23,501,311	1,658,028
Gears.....	-	...	...	...	8,792
Hardware - Builders'.....	-	...	1,070,641	...	509,981
Other.....	-	...	173,943	...	523,456
Heating and ventilating equipment -					
Furnaces, hot air.....	No.	32,811	2,284,459	27,604	2,129,389
Stoves, coal and wood.....	No.	165,614	4,986,563	174,771	5,270,192
Stoves, electric.....	No.	32,524	2,017,950	29,423	2,027,441
Stoves, gas.....	No.	54,811	1,369,180	58,597	1,572,630
Stoves, oil.....	No.	2,324	39,118	2,427	39,580
Water tank heaters.....	No.	11,171	198,434	21,937	271,661
Grate bars.....	lb.	859,470	54,118	974,497	50,362
Registers and grills.....	-	...	260,030	...	297,597
Oil burners.....	No.)	...	413,263	802	440,656
Oil burning equipment, other.....	- )	...	...	...	32,083
Radiators and parts.....	-	...	2,390,817	...	2,772,404
Steam traps.....	No.	...	218,768	43,946	206,260
Ventilating appliances.....	-	...	21,988	...	15,875
Other stove parts.....	-	...	205,846	...	300,448
Other furnace parts.....	-	...	55,602	...	74,240
Other heating and ventilating equipment.....	-	...	1,923,371	...	2,507,812

Table 2.— PRODUCTS^(x) OF THE CASTINGS AND FORGINGS INDUSTRY IN CANADA, 1926 and 1927. (con.)

Product	Unit of Measure	1926		1927	
		Quantity	Selling value at works \$	Quantity	Selling value at works \$
Hydrants.....	No.	1,042	76,295	1,227	89,105
Iron work (ornamental).....	-	...	35,062	...	59,397
Machinery -					
Bakers' equipment -					
Mixing machines.....	No.	19	2,700	21	8,745
Ovens.....	No.	...	140,761	7,542	155,381
Other bakers' machinery.....	-	...	3,950	...	23,275
Concrete and cement.....	-	...	11,925	...	10,655
Dairy and cheese factory.....	-	...	12,104	...	16,681
Flour and grist mill.....	-	...	13,946	...	18,518
Hanging.....	-	...	64,997	...	93,622
Metal working.....	-	...	27,321	...	38,728
Mining.....	-	...	125,614	...	111,197
Printing.....	-	...	200	...	14,306
Pulp and paper.....	-	...	112,897	...	94,724
Road-making.....	-	...	4,733	...	29,463
Rubber mill.....	-	...	9,447	...	18,679
Ships' machinery and fittings	-	...	60,079	...	59,402
Textile.....	-	...	2,608	...	13,145
Wood-working.....	-	...	412,801	...	429,280
Water wheels and turbines....	No.	704	9,255	...	36,381
All other machinery.....	-	...	391,699	...	353,943
Plumbers' goods, iron.....	-	...	671,728	...	660,861
Patterns and models.....	-	...	138,096	...	284,061
Pipe - cast iron, soil pipe and fittings.....	lb.	21,422,510	1,196,282	31,614,051	1,311,066
Other cast iron pipe and fittings.....	lb.	...	4,407,735	99,797,343	3,334,130
Wrought iron pipe and fittings.....	lb.	49,056,296	2,592,089	60,806,989	2,778,305
Steel pipe and fittings	lb.	139,631,384	5,376,870	151,683,929	6,025,488
Pumps - Piston, steam.....	-	...	148,218	...	123,833
Centrifugal.....	no.	...	155,957	241	104,424
Hand.....	no.	...	...	7,465	101,364
Other pumps.....	no.	...	9,256	591	78,983
Railway track equipment.....	-	...	57,560	...	67,704
Stocks, taps and dies.....	-	...	15,358	...	16,987
Steel, cold rolled and cold drawn.....	lb.	26,409,571	1,205,982	29,330,777	1,280,661
Tanks - Storage.....	no.	4,961	283,198	...	510,238
Pressure.....	no.	21,838	249,064	...	26,255
Tinware.....	-	...	1,379,942	...	27,668
Tools.....	-	...	234,257	...	524,367
Trucks.....	-	...	9,171	...	16,307
Valves - Brass or bronze....	No.	10,209	131,074	...	632,039
Iron.....	No.	116,501	189,305	...	222,979
All other products.....	-	...	2,239,620	...	1,334,718
Amount received for custom work and repairs.....	-	...	3,447,643	...	4,148,661
Products reported by only 1 or 2 firms (a).....	-	...	4,278,352	...	4,429,611
TOTAL.....	-	...	70,235,798	...	69,395,343

(x) Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed. There may be also a considerable output in other industrial groups; for complete data refer to the annual publication on "Iron and Steel and Their Products in Canada"

(a) Includes steel barrels, steel bars and angles, wire nails, range boilers, steel tubing, school furniture, lawn mowers, brakeshows, horseshoes, screws, rifles, scrap and other products.

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