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XX

THE BRASS AND COPPER PRODUCTS INDUSTRY IN CANADA, 1928.

Continued growth of the brass and copper products industry in Canada carried production in 1928 to a new high value at \$28,457,430. This output was 18 per cent over the 1927 total of \$24,054,657, the previous record, which in turn was 9 per cent greater than the \$22,028,636 reported for 1926, the third best year.

Of the 97 plants in this industry 65 were located in Ontario, 19 in Quebec, 7 in British Columbia, 2 in Nova Scotia, 2 in Manitoba, 1 in New Brunswick and 1 in Alberta. These concerns reported fixed and working capital at \$23,576,803, afforded employment to a monthly average of 5,437 people, paid out \$6,797,416 during the year for salaries and wages and by manufacturing processes added \$12,740,682 to the value of purchased materials which cost \$15,716,748.

Products of this industry in 1928 included: 32.6 million pounds of brass, bronze and copper rods; 26.3 million pounds of castings and machinery fittings; 14.9 million pounds of plates and sheets; over \$4 millions worth of steam fittings and plumbers' supplies, including taps, valves, etc.; over a million dollars' worth of brass and bronze railway goods; more than a million dollars' worth of wire cloth; and many other lines such as automobile accessories, architectural work, gas and water meters, tanks, electric fixtures, metal pens and pencils, lightning rods, bronze powder, fire fighting equipment, etc.

Table 1.- PRINCIPAL STATISTICS OF THE BRASS AND COPPER PRODUCTS INDUSTRY IN CANADA, 1924-1928

Year	No. of plants	Capital employed	Average no. of employees	Salaries and wages	Cost of materials at works	Selling value of products at works	Value added by manufacturing
1924 ...	81	18,594,443	3,747	4,604,293	7,889,367	15,487,826	7,598,459
1925 ...	91	20,508,838	4,032	4,985,645	10,147,373	19,155,309	9,007,936
1926 ...	98	20,764,404	4,533	5,716,529	11,810,686	22,028,636	10,217,950
1927 ...	99	22,425,179	4,832	6,065,671	12,546,718	24,054,657	11,507,939
1928 ...	97	23,576,863	5,437	6,797,416	15,716,748	28,457,430	12,740,682

Table 2.- PRINCIPAL STATISTICS OF THE BRASS AND COPPER PRODUCTS INDUSTRY IN CANADA, BY PROVINCES, 1927 and 1928.

Province	1954-55				1955-56			
	No. of plants	No. of employ- ees	Salaries and wages	Selling value of products	No. of plants	No. of employ- ees	Salaries and wages	Selling value of products
Quebec.....	20	1,148	1,539,430	5,181,059	19	1,324	1,821,935	5,840,238
Ontario.....	65	3,158	3,988,213	16,655,436	65	3,463	4,323,131	19,724,051
Manitoba.....	3	89	106,626	930,027	...	...	...	...
British Columbia.	7	56	75,755	194,410	7	57	78,966	189,353
CANADA (x)....	99	4,832	6,065,671	24,054,657	97	5,437	6,797,416	28,457,430

(\*) Includes also data for 2 plants in Nova Scotia, 2 in Manitoba, 1 in New Brunswick and 1 in Alberta for 1928; and 2 in Nova Scotia, 1 in New Brunswick and 1 in Alberta for 1927.

1. Name of the establishment  
2. Address of the establishment  
3. Nature of the business  
4. Date of the survey

5. Name of the person in charge  
6. Name of the person who conducted the survey  
7. Name of the person who recorded the data

8. Name of the person who checked the data  
9. Name of the person who approved the data  
10. Name of the person who signed the data

11. Name of the person who submitted the data  
12. Name of the person who received the data  
13. Name of the person who filed the data

14. Name of the person who stored the data  
15. Name of the person who retrieved the data  
16. Name of the person who destroyed the data

17. Name of the person who disposed of the data  
18. Name of the person who maintained the data  
19. Name of the person who updated the data

20. Name of the person who reviewed the data  
21. Name of the person who analyzed the data  
22. Name of the person who interpreted the data

23. Name of the person who presented the data  
24. Name of the person who distributed the data  
25. Name of the person who archived the data

26. Name of the person who accessed the data  
27. Name of the person who modified the data  
28. Name of the person who deleted the data



Table 3.- (x) PRODUCTS OF THE BRASS AND COPPER PRODUCTS INDUSTRY IN CANADA, 1927 and 1928.

Product	1927			1928		
	Quantity	Selling value at works		Quantity	Selling value at works	
		\$			\$	
Ingots and bars -						
Brass..... lb.	236,161)			222,411)		
Bronze..... lb.	6,126)	54,777		75,821)	78,822	
Other metals..... lb.	34,087)			47,402)		
Plates and sheets -						
Brass..... lb.	6,541,454)			7,405,970)		
Bronze..... lb.	547,249)	2,981,468		237,431)	3,509,679	
Copper..... lb.	4,573,472)			6,146,740)		
Other metals..... lb.	1,049,569)			1,143,521)		
Rods -						
Brass..... lb.	4,988,262)			6,235,998)		
Bronze..... lb.	370,009)	4,112,897		699,305)	5,340,805	
Copper..... lb.	21,958,159)			25,732,310)		
Other metals..... lb.	367)			321)		
Castings and Machinery Fittings -						
Brass..... lb.	3,212,597)			6,663,166)		
Bronze..... lb.	15,525,740)	4,488,582		17,346,383)	6,307,854	
Copper..... lb.	27,843)			80,998)		
Other metals..... lb.	2,312,419)			2,230,013)		
Scrap -						
Brass..... lb.	21,264)			76,149)		
Copper..... lb.	224,196)	29,861		403,663)	65,921	
Other metals..... lb.	...)			1,000)		
Architectural work, brass and bronze..... -	...	171,945		...	482,542	
Auto accessories..... -	...	218,991		...	843,500	
Brass and copper hollowware and spinnings..... -	...	106,921		...	113,708	
Bells and gongs..... -	...	49,275		...	40,701	
Builders' hardware..... --	...	237,852		...	101,685	
Electric fixtures..... -	...	136,686		...	380,915	
Lightning rods and supplies..... -	...	239,607		...	283,065	
Meters, gas..... No.	26,352	359,874		31,719	428,983	
Pipe, brass and copper..... -	...	8,122		...	11,729	
Railway goods..... -	...	983,035		...	1,367,586	
Steam fittings including plumbers' supplies..... -	...	3,771,221		...	1,417,594	
Tanks..... -	...	388,563		...	402,506	
Taps, brass..... -	...	(a)		...	1,024,319	
Valves, brass..... -	...	(a)		...	1,450,594	
Wire cloth..... sq.ft.	2,003,772	971,329		2,204,401	1,073,045	
Amount received for custom work and repairs..... -	...	331,277		...	359,130	
All other products including products of 1 or 2 firms (b).... -	...	4,412,374		...	3,372,747	
TOTAL..... -	...	24,054,657		...	28,457,430	

(a) Included with steam fittings in 1927.

(x) Production figures are for the Brass and Copper Products Industry only and do not necessarily represent the total output in Canada of the commodities listed; there may be also a small output in other industrial groups.

(b) Includes metal furniture trimmings, metal pens and pencils, bronze powder, fire fighting equipment, brewery and distillery apparatus, iron castings, garages, iron valves, etc.



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