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CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

GENERAL MANUFACTURES BRANCH

MANUFACTURING INDUSTRIES

OF THE

PROVINCE OF BRITISH COLUMBIA

(Including Yukon)

1934

Published by Authority of the HON. W.D. EULER, M.P.,
Minister of Trade and Commerce.

OTTAWA
1936

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

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MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

The general revival in manufacturing production commenced in the summer of 1933 continued with increasing force in 1934. Compared with the previous year, there was an increase of 13.5 per cent in employment with an even greater increase of 19.7 per cent in salaries and wages paid. An increase of 21.5 per cent was also recorded in the gross value of production, 25.6 per cent in the cost of materials used, 17.7 per cent in the value added by manufacture and only 1.8 per cent in the capital invested.

In 1934 reports were received from 1,777 establishments operating in British Columbia and the Yukon Territory. The combined output of these establishments was valued at \$176,721,398. Employment was furnished to 35,065 persons who were paid \$37,302,741 in salaries and wages. The cost of materials used was \$88,292,928, while the value added by manufacture amounted to \$82,841,189. To these figures, the Yukon Territory contributed seven establishments, \$458,142 in capital invested, thirty-one employees, \$54,264 in salaries and wages, \$21,956 to the cost of materials used, \$129,500 to the value of production and \$107,544 to the value added by manufacture.

In comparison with 1933 the industries of British Columbia and the Yukon Territory showed the following variations in their manufacturing activities. The number of establishments reporting increased by eighty, with an increase in the capital invested of \$6,069,988. The number of persons employed increased by 4,169 and there was a gain in the payroll of \$6,134,402. The amount spent on materials was \$17,995,230 more, while the rise in the gross value of production was even greater, viz., \$31,230,443. The increase in the value added by manufacture was \$12,460,149. The totals and variations referred to are shown in tables 1 and 2.

Table 3 compares the principal statistics of the industrial groups for the years 1933 and 1934. From the standpoint of value of production, the wood and paper products group with an output valued at \$56,768,526 led all the others by a wide margin in both years. The next group of importance is animal products, followed by vegetable products, non-ferrous metal products, etc.

Table 4 reviews the principal statistics of the twenty leading industries in British Columbia in 1934. In value of production, sawmills headed the list with an output valued at \$29,404,759 as compared with an output valued at \$21,592,153 the previous year. Other leading industries are: fish curing and packing \$15,078,813, pulp and paper \$13,278,736, central electric stations \$10,715,293, petroleum products \$8,249,971, slaughtering and meat packing \$7,521,042, etc.

Table 5 reviews the principal statistics of the individual industries which make up the groups shown in table 3.

Table 6 covers the principal statistics of all cities, towns and villages in British Columbia and the Yukon Territory which have three or more establishments. The

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
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City of Vancouver with a production of \$63,475,103 leads by a very wide margin, accounting for 35.9 per cent of the total for the province excepting central electric stations. Other principal cities and the amount of their production were: New Westminster with \$10,386,562 and Victoria with \$6,256,963.

Table 7 gives the principal statistics of all the industries located in Vancouver.

Details of capital investment for 1934 are shown by industrial groups in table 8. The total capital investment in 1934 amounted to \$367,320,343 and of this amount \$265,004,249 represented the value of land, buildings, machinery, tools and other equipment. Inventories of raw materials, goods in process, fuel and other supplies on hand, accounted for \$24,002,129, finished products \$30,508,995, while the balance of \$47,804,970 was made up of operating capital, (cash, bills and accounts receivable, prepaid expenses, etc.).

Statistics of power equipment and fuel consumption are shown in tables 9 and 10.

Table 1(a). -- Principal Statistics of British Columbia and the
Yukon Territory, 1927 to 1934.

Year	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
1927	1,509	325,047,266	47,740	56,007,334	123,668,610	244,344,825
1928	1,624	367,898,589	48,949	58,726,003	134,961,834	268,627,691
1929	1,699	394,866,933	51,379	61,980,107	141,395,377	273,681,585
1930	1,697	403,328,298	42,779 ^x	54,898,541	123,131,269	241,121,932
1931	1,636	382,525,614	34,375	42,642,340	81,906,435	175,707,357
1932	1,643	362,879,441	29,488	33,210,405	65,960,568	140,538,016
1933	1,697	361,250,355	30,896	31,168,339	70,297,698	145,490,955
1934	1,777	367,320,343	35,065	37,302,741	88,292,928	176,721,398

^x The large decrease in the number of employees since 1931 is not entirely due to the decline in manufacturing production. The decrease is in part due to the change in method of computing the average annual employment of wage-earners. Between 1925 and 1930 the average was obtained by summing the averages of individual plants, based on the number of months in actual operation, and not by dividing by twelve the sum of the monthly employment figures. In 1931, however, a change was made to the old method whereby the aggregate of the monthly figures is divided by twelve. This method gives the man year that each plant operates. The change in method, therefore, affects the average annual employment as well as the average wages paid in seasonal industries, such as fruit and vegetable canning, fish canning, sawmills, etc.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

Table 1(b). - Principal Statistics of the Yukon Territory, 1931 to 1934.

Year	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
1931	8	475,180	38	68,353	20,881	122,424
1932	8	463,933	31	59,076	16,389	137,707
1933	7 ^x	452,263	27	50,358	14,983	116,811
1934	7 ^x	458,142	31	54,264	21,956	129,500

^x Includes: 3 central electric stations, 2 laundries, 1 shipbuilding and 1 bakery.

Table 2. - Principal Statistics of the Province of British Columbia and
the Yukon Territory Compared for 1933 and 1934.

Items	1933	1934	+ Increase - Decrease
Establishments reporting No.	1,697	1,777	+ 80
Capital invested \$	361,250,355	367,320,343	+ 6,069,988
Employees on salaries --			
Male No.	4,620	4,939	+ 319
Female No.	981	1,098	+ 117
Total salaries \$	8,678,529	9,499,825	+ 821,296
Employees on wages -- (monthly average) --			
Male No.	22,323	25,855	+ 3,532
Female No.	2,972	3,173	+ 201
Total wages \$	22,489,810	27,802,916	+ 5,313,106
Primary power equipment H.P.	854,643	1,103,239	+ 248,596
Cost of fuel \$	2,203,161	2,308,154	+ 104,993
Cost of materials used \$	70,297,698	88,292,928	+ 17,995,230
Gross value of products \$	145,490,955	176,721,398	+ 31,230,443
Net value of products ^{1/} \$	70,381,040	82,841,189	+ 12,460,149

^{1/} In accordance with the resolution passed by the Conference of British Commonwealth Statisticians held in 1935, the net value of products is now computed by subtracting the cost of materials as well as the cost of fuel and electricity from the gross value of the products. Prior to this, the cost of materials only was deducted.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF

Table 3. - Principal Statistics by Groups of Industries

Groups of Industries	Estab- lish- ments	Capital Invested	Employees on	
			Male	Female
	No.	\$	No.	No.
<u>1 9 3 3</u>				
Vegetable products	419	32,333,835	607	139
Animal products	178	18,135,682	464	70
Textiles and textile products	107	4,538,215	172	77
Wood and paper products	603	103,273,037	1,716	352
Iron and steel products	110	14,748,449	289	53
Non-ferrous metal products	26	40,422,373	378	62
Non-metallic mineral products	79	26,745,523	222	31
Chemicals and chemical products	39	15,991,275	160	33
Miscellaneous products	49	9,076,498	163	29
Central electric stations	87	95,985,468	449	135
TOTAL	1,697	361,250,355	4,620	981
<u>1 9 3 4</u>				
Vegetable products	433	32,350,016	578	144
Animal products	183	19,440,792	530	85
Textiles and textile products	108	4,325,449	182	83
Wood and paper products	674	100,897,217	1,893	376
Iron and steel products	98	19,254,683	294	59
Non-ferrous metal products	27	43,035,799	408	74
Non-metallic mineral products	76	26,827,505	201	26
Chemicals and chemical products	40	15,526,729	194	40
Miscellaneous products	55	9,517,275	192	36
Central electric stations	83	96,144,878	467	175
TOTAL	1,777	367,320,343	4,939	1,098

BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

for British Columbia and the Yukon Territory, 1934.

Salaries	Employees on Wages			Cost of Materials Used	Gross Value of Products
	Male	Female	Wages		
\$	No.	No.	\$	\$	\$
1,090,935	2,093	1,023	2,511,981	14,429,117	24,765,335
804,825	1,852	267	1,887,350	14,578,279	21,652,534
317,858	597	1,183	1,244,555	1,696,247	4,520,669
3,224,926	11,525	375	10,135,175	20,547,020	45,197,481
487,819	1,035	41	1,074,001	3,063,003	6,310,734
743,098	2,438	1	2,467,416	7,232,637	15,673,769
408,067	1,027	5	1,057,338	6,477,042	10,974,187
366,601	535	48	653,355	1,837,252	4,849,908
300,578	531	29	589,345	437,101	1,653,557
933,822	690	--	869,294	--	9,892,781
8,678,529	22,323	2,972	22,489,810	70,297,698	145,490,955
1,117,969	2,375	1,130	2,910,270	15,752,719	26,702,744
932,643	2,160	345	2,231,051	19,711,640	28,396,865
353,082	626	1,138	1,274,157	1,853,743	4,736,940
3,623,674	13,647	429	13,226,255	24,685,204	56,768,526
558,450	1,201	40	1,369,125	4,270,868	8,263,880
818,197	2,766	--	3,258,840	12,230,540	20,877,471
384,377	973	5	986,854	6,637,017	11,573,836
391,575	601	44	783,285	2,549,679	6,190,658
382,137	778	42	806,080	601,518	2,495,185
937,721	728	--	956,999	--	10,715,293
9,499,825	25,855	3,173	27,802,916	88,292,928	176,721,398

**MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.**

Table 4. - Principal Statistics of the Leading Industries of British Columbia and the Yukon Territory, 1934.

Industries	Estab-lish-ments	Capital Invested	Em-ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Sawmills	273	33,692,880	9,112	8,277,111	15,555,976	29,404,759
Fish curing and packing	99	11,717,485	1,624	1,533,943	9,587,865	15,078,813
Pulp and paper	6	50,142,875	2,566	3,538,509	3,925,204	13,278,736
Central electric stations	83	96,144,878	1,370	1,894,720	-	10,715,293
Petroleum products	6	5,673,903	397	562,431	5,790,434	8,249,971
Slaughtering and meat packing	13	4,443,957	693	784,527	6,215,478	7,521,042
Bread and other bakery products	275	3,048,451	1,489	1,328,293	2,198,984	4,595,181
Fruit and vegetable preparations	40	4,212,846	1,078	765,069	2,918,395	4,471,583
Printing and publishing	73	4,123,312	1,355	1,936,163	743,004	4,318,524
Sheet metal products	14	10,469,384	368	435,857	2,608,239	4,108,025
Coffee, tea and spices	8	1,669,126	143	161,472	2,838,562	3,822,668
Butter and cheese	36	1,753,372	390	444,940	2,522,376	3,541,497
Breweries	11	6,225,410	300	423,275	859,292	2,669,423
Coke and gas products	6	14,793,170	331	382,636	659,499	2,228,386

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

Table 4. - Principal Statistics of the Leading Industries of British Columbia and the
Yukon Territory, 1934. - (Concl'd.)

Industries	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Fertilizers	3	10,898,300	362	509,912	1,333,334	1,874,121
Dyeing, cleaning and laundry work ..	58	2,026,558	1,195	910,423	148,009	1,782,054
Printing and bookbinding	96	2,201,278	556	619,808	460,300	1,533,154
Boxes, wooden	20	1,241,350	621	475,711	681,445	1,477,950
Planing mills, sash and door factories	49	2,181,882	606	481,233	718,878	1,475,271
Castings and forgings	34	3,230,791	508	597,084	377,220	1,272,613
Furniture	49	1,334,502	481	397,191	466,937	1,189,165
Biscuits, confectionery, cocoa and chocolate	36	931,118	314	272,002	517,008	1,176,250
Shipbuilding and repairs	15	6,573,541	526	639,372	252,017	1,113,954
Acids, alkalies and salts	3	1,152,292	55	79,207	26,736	1,061,337
All other leading industries ^x	6	55,790,668	3,691	4,812,976	17,055,735	29,226,280
TOTAL, LEADING INDUSTRIES	1,312	335,673,329	30,131	32,263,865	78,440,927	157,186,050
TOTAL, ALL INDUSTRIES	1,777	367,320,343	35,065	37,302,741	88,292,928	176,721,398
PERCENTAGE OF LEADING INDUSTRIES TO TOTAL OF ALL INDUSTRIES	73.83	91.38	85.93	86.49	88.84	88.94

^x Includes: distilleries, sugar refineries, non-ferrous metal smelting and refining and explosives.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF

Table 5. Manufacturing Industries of

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Vegetable Products	433	32,350,016	578	144	1,117,969
Biscuits, confectionery, cocoa and chocolate	36	931,118	50	14	79,433
Bread and other bakery products.	275	3,049,451	195	51	228,214
Breweries	11	6,220,410	55	5	145,628
Coffee, tea and spices	8	1,669,126	29	8	74,327
Flour and feed mills	6	245,624	8	—	9,162
Foods, stock and poultry	9	2,117,092	31	17	55,612
Foods, miscellaneous	12	229,176	16	1	26,137
Fruit and vegetable preparations	40	4,212,846	108	32	202,290
Macaroni, vermicelli, etc.	4	232,829	7	1	9,786
Rice mills	6	394,216	2	1	5,800
Tobacco, cigars and cigarettes .	11	102,253	20	4	18,948
Wine	6	748,687	10	—	18,825
All other industries	9	12,193,188	57	10	243,807
Animal Products	183	19,440,792	530	85	932,643
Boots and shoes, leather	7	298,134	9	4	17,477
Butter and cheese	36	1,753,372	111	25	171,035
Dairy products, other	7	227,242	14	1	23,622
Fish curing and packing	99	11,717,495	251	25	409,940
Fur goods	5	129,510	5	4	12,275
Miscellaneous leather goods	3	143,001	4	1	7,651
Sausage and sausage casings	6	99,066	5	2	7,160
Slaughtering and meat packing ..	13	4,443,957	114	20	249,599
All other industries	7	629,025	17	3	33,884
Textiles and Textile Products	108	4,325,449	182	83	353,082
Awnings, tents and sails	6	351,242	14	2	24,973
Clothing, factory, women's	13	186,877	21	7	38,092
Dyeing, cleaning and laundry work	58	2,026,558	72	56	136,100
Furnishing goods, men's	12	264,043	17	1	25,438
Hats and caps	4	37,522	5	1	8,282
Hosiery and knitted goods	3	378,102	11	5	24,828
Woollen cloth	3	159,139	12	4	8,433
All other industries	9	921,966	30	7	86,936
Wood and Paper Products	674	100,897,217	1,893	376	3,623,674
Blue printing	6	19,414	5	—	6,897
Boat building	33	332,980	45	2	36,763
Boxes and bags, paper	8	677,659	26	12	88,069
Boxes, wooden	20	1,241,350	48	7	97,302
Coffins and caskets	3	141,589	6	—	12,429

BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

British Columbia and the Yukon Territory, 1934.

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
2,375	1,130	2,910,270	15,752,719	10,495,747	26,702,744
109	141	192,569	517,008	633,955	1,176,250
1,012	241	1,100,079	2,198,984	2,254,912	4,595,181
240	-	277,647	839,292	1,776,613	2,669,423
55	51	87,145	2,838,562	975,051	3,822,668
18	-	14,855	310,597	55,632	376,240
130	8	120,700	592,362	241,317	850,878
18	11	18,320	193,553	172,513	370,055
380	558	562,779	2,918,395	1,504,733	4,471,583
20	10	17,908	113,095	65,715	184,185
26	-	22,336	451,874	77,080	533,883
12	16	14,842	54,960	39,004	95,210
29	-	24,944	149,833	173,801	326,092
326	94	456,146	4,574,204	2,525,441	7,231,096
2,160	345	2,231,051	19,711,640	8,319,495	28,396,865
117	24	110,435	255,505	189,200	449,964
225	29	273,905	2,522,376	956,826	3,541,497
31	3	42,343	104,420	183,802	294,616
1,182	166	1,124,003	9,587,865	5,301,434	15,078,813
8	13	19,727	68,977	50,497	121,067
20	8	23,554	30,307	67,230	98,547
21	2	12,387	94,348	38,277	134,963
478	81	534,928	6,215,478	1,232,936	7,521,042
78	19	89,769	832,364	299,293	1,156,356
626	1,138	1,274,157	1,853,743	2,768,649	4,736,940
29	25	47,997	158,918	98,581	258,859
26	106	89,187	279,918	192,729	475,453
379	688	774,323	148,009	1,547,205	1,782,054
27	137	96,414	305,069	270,148	578,469
5	16	21,459	36,809	49,587	87,591
27	71	60,616	101,761	164,366	268,950
17	20	21,684	47,530	52,703	101,963
116	75	162,477	775,729	393,330	1,183,632
13,647	429	13,226,255	24,685,204	30,703,366	56,768,526
12	2	7,571	4,937	17,378	23,460
96	-	64,345	57,393	145,764	206,701
71	57	101,320	412,734	432,393	851,212
490	76	377,909	681,445	767,211	1,477,950
17	4	17,860	22,837	61,879	86,204

MANUFACTURING INDUSTRIES OF THE PROVINCE OF

Table 5. - Manufacturing Industries of British

Name of Industry	Estab- lish- ments	Capital Invested	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Wood and Paper Products - (Concl'd.) -					
Cooperage	4	113,353	5	1	8,453
Engraving, stereotyping and electrotyping	9	210,302	28	6	46,026
Furniture	49	1,334,502	96	11	114,623
Lithographing	4	454,665	18	5	50,399
Miscellaneous paper products	6	1,002,015	22	5	39,831
Miscellaneous wooden products	11	760,297	25	5	92,902
Planing mills, sash and door factories	49	2,181,882	103	5	141,359
Printing and bookbinding	96	2,201,278	154	32	266,781
Printing and publishing	73	4,123,312	551	155	976,066
Pulp and paper	6	50,142,875	216	30	547,426
Sawmills	273	33,692,880	495	91	1,000,824
Sporting goods	4	21,547	8	2	10,993
Woodenware	3	62,822	5	1	6,679
Wood turning	3	82,534	4	-	6,283
All other industries	14	2,099,961	33	6	73,069
Iron and Its Products					
Automobiles	3	424,938	31	6	62,395
Automobile supplies	5	178,329	9	2	13,223
Boilers, tanks and engines	8	606,165	19	-	37,550
Castings and forgings	34	3,230,791	72	15	137,821
Hardware and tools	5	334,373	16	3	38,217
Iron and steel products, n.e.s.	4	84,985	3	-	1,726
Machinery	10	236,133	19	3	33,965
Primary iron and steel	4	97,500	4	-	6,255
Sheet metal products	14	10,469,384	55	21	104,491
Wire and wire goods	9	1,159,415	22	4	48,395
All other industries	2	2,432,670	44	5	74,412
Non-Ferrous Metal Products					
Brass and copper products	10	120,835	9	3	16,693
Electrical apparatus and supplies ..	6	107,303	8	5	14,691
Jewelry and silverware	7	61,350	9	-	7,871
All other industries	4	42,746,311	382	66	778,942
Non Metallic Mineral Products					
Aerated and mineral waters	22	316,831	21	3	35,217
Cement products	6	157,771	7	-	7,398
Clay products, from domestic clay ..	10	883,942	14	2	24,150
Coke and gas products	6	14,793,170	62	6	107,255

BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

Columbia and the Yukon Territory, 1934. - (Cont'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
20	-	17,146	57,420	34,482	93,080
38	7	58,875	24,384	149,256	177,662
343	31	282,568	466,937	703,754	1,189,165
59	15	87,167	135,317	219,333	358,471
59	32	80,797	483,864	200,362	691,451
104	23	87,156	348,114	273,527	629,213
496	2	339,874	718,878	717,336	1,475,271
306	64	353,027	460,300	1,052,000	1,533,154
603	46	960,097	743,004	3,528,227	4,318,524
2,270	50	2,991,083	3,925,204	8,516,558	13,278,736
8,506	20	7,276,287	15,555,976	13,525,179	29,404,759
7	-	2,835	9,082	11,033	20,251
12	-	10,312	18,479	25,289	45,034
16	-	8,732	23,042	27,155	51,177
122	-	101,294	535,857	295,250	857,051
1,201	40	1,369,125	4,270,868	3,860,309	8,263,880
45	-	56,320	128,388	87,511	218,938
26	-	29,039	46,970	69,835	118,916
103	-	123,519	152,438	245,887	404,967
420	1	459,263	377,220	859,217	1,272,613
66	3	57,137	117,980	241,565	365,676
10	-	4,127	7,596	14,031	22,102
45	-	46,797	43,311	109,961	155,327
32	-	30,431	35,886	183,728	233,961
256	36	331,366	2,608,239	1,463,214	4,108,025
91	-	98,588	528,920	360,549	899,402
107	-	132,538	223,920	224,811	463,953
2,766	-	3,258,840	12,230,540	6,505,003	20,877,471
41	-	38,838	33,509	79,293	117,897
26	-	22,909	55,304	66,573	125,154
38	-	38,117	35,656	52,773	89,853
2,661	-	3,158,976	12,106,071	6,306,364	20,544,567
973	5	986,854	6,637,017	4,484,539	11,573,836
63	2	49,763	91,568	176,380	272,367
6	-	4,825	6,787	12,695	20,606
120	-	76,182		167,312	194,437
263	-	275,381	659,499	1,384,852	2,228,386

MANUFACTURING INDUSTRIES OF THE PROVINCE OF

Table 5. - Manufacturing Industries of British

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Employees on Salaries		
			Male	Female	Salaries
			No.	No.	\$
Non-Metallic Mineral Products - (Concl'd.)					
Glass products	7	78,897	5	2	8,653
Lime	4	581,855	7	3	8,990
Petroleum products	6	5,673,903	64	6	138,324
Stone, monumental and ornamental	11	144,511	14	2	15,096
All other industries	4	4,196,625	7	2	38,794
Chemicals and Chemical Products .	40	15,526,729	194	40	391,575
Acids, alkalies and salts	3	1,152,292	8	1	17,980
Fertilizers	3	10,898,300	64	10	119,316
Medicinal and pharmaceutical preparations	4	15,153	7	5	19,152
Miscellaneous chemical products	5	80,130	5	2	5,499
Paints, pigments and varnishes.	8	1,521,604	40	13	84,523
Soaps and washing compounds ...	8	319,574	24	3	37,375
All other industries	9	1,539,676	46	6	107,730
Miscellaneous Products	55	9,517,275	192	36	382,137
Brooms, brushes and mops	8	251,178	11	3	17,610
Ice, artificial	9	1,370,725	18	6	34,859
Mattresses and springs	4	305,965	17	4	41,938
Shipbuilding and repairs	15	6,573,541	89	7	168,742
Signs, electric	5	537,987	25	8	64,954
Stamps and stencils, rubber and metal	3	48,102	11	1	14,923
Statuary, art goods and church supplies	5	43,605	7	5	11,060
All other industries	6	386,172	14	2	28,051
Central Electric Stations	83	96,144,878	467	175	937,721
TOTAL	1,777	367,320,343	4,939	1,098	9,499,825

BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

Columbia and the Yukon Territory, 1934. - (Concl'd.)

Employees on Wages			Cost of Materials Used	Value of Products	
Male	Female	Wages		Net	Gross
No.	No.	\$	\$	\$	\$
13	1	11,066	11,873	27,323	40,101
77	--	42,401	--	130,967	153,856
325	2	423,607	5,790,434	2,280,689	8,249,971
18	--	17,669	19,165	47,563	69,311
88	--	85,960	57,691	256,758	344,801
601	44	783,285	2,549,679	3,245,168	6,190,658
46	--	61,227	26,736	1,018,213	1,061,337
288	--	390,596	1,333,334	212,170	1,874,121
16	20	33,948	21,060	62,975	85,717
8	--	8,943	17,467	24,560	42,916
91	11	95,421	432,691	456,274	894,693
19	11	24,391	137,560	171,146	312,997
133	2	168,759	580,831	1,299,830	1,918,877
778	42	806,080	601,518	1,783,543	2,495,185
65	6	53,527	89,048	88,333	179,394
87	2	79,443	12,690	225,084	282,672
60	15	60,403	153,961	158,728	317,561
430	--	470,630	252,017	818,617	1,113,954
72	--	82,478	47,752	316,770	375,291
12	--	8,342	5,947	32,591	39,439
19	16	19,368	24,952	41,289	67,082
33	3	31,889	15,151	102,131	119,792
728	--	956,999	--	10,675,370	10,715,295
25,855	3,173	27,802,916	88,292,928	82,841,189	176,721,398

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

Table 6. - Statistics of the Cities, Towns and Villages in the Province of
British Columbia and the Yukon Territory having Three
or More Establishments in 1934.

Note: - The following table does not include figures of Central
Electric Stations.

Cities, Towns and Villages	Estab- lish- ments	Capital Invested	Em- ployees	Salaries and Wages	Cost of Materials Used	Gross Value of Products
	No.	\$	No.	\$	\$	\$
Vancouver	773	84,254,515	13,206	13,595,812	34,258,919	63,475,103
New Westminster	79	12,941,179	1,985	1,912,336	6,056,557	10,386,562
Victoria	134	10,171,244	1,899	1,973,317	2,195,182	6,256,963
Prince Rupert	18	4,475,354	266	367,075	1,187,092	1,880,000
North Vancouver	21	3,908,228	380	430,924	777,411	1,550,735
Port Alberni	9	1,414,476	355	394,759	607,965	1,528,808
Kelowna	23	935,700	386	270,860	439,791	995,199
Nelson	22	1,422,280	276	303,879	479,845	981,000
Vernon	17	799,745	175	167,971	340,571	672,351
Duncan	8	526,249	305	226,098	315,750	671,432
Port Moody	3	727,794	173	173,800	282,128	532,096
Mission	10	387,513	109	87,543	223,151	398,572
Cranbrook	8	278,576	76	86,102	130,686	299,121
Kamloops	13	357,486	126	89,837	123,764	287,817
Nanaimo	23	249,883	117	100,796	92,222	268,638
Fernie	5	789,751	45	52,600	119,047	247,758
Alberni	5	262,895	114	77,619	138,830	235,491
Revelstoke	12	147,891	37	32,211	45,369	130,405
Salmon Arm	5	76,884	21	17,856	91,170	127,201
Port Coquitlam	6	75,181	44	37,676	49,463	122,137
Merritt	6	108,720	44	27,616	45,298	114,534
Courtenay	4	124,447	38	26,706	70,018	109,912
Armstrong	5	107,100	30	26,342	47,591	109,094
Chilliwack	8	92,597	45	33,564	34,661	99,421
Creston	4	63,327	38	21,069	40,179	73,857
White Horse	3	109,211	20	33,374	20,107	63,410
Enderby	3	38,433	8	6,326	42,808	59,441
Terrace	6	58,374	29	23,341	16,754	50,859
Prince George	7	72,338	17	12,864	23,281	43,902
Grand Forks	3	60,395	14	11,919	16,565	42,710
Abbotsford	3	27,593	13	7,166	18,519	38,099
Ladysmith	4	29,240	16	9,993	13,492	35,137
Rossland	5	27,277	16	9,750	9,745	29,108
Quesnel	3	20,818	8	8,558	14,072	27,030
Cumberland	3	27,075	10	9,062	8,494	19,271
Smithers	3	27,550	3	1,980	4,503	9,865
Vanderhoof	3	9,754	3	1,400	4,310	7,334
Kaslo	3	17,018	4	2,345	1,089	3,661

NOTE: - Trail is also an important manufacturing centre. Statistics, however, cannot

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

be published.

Table 7. - Principal Statistics of the Industries Located in the City of
Vancouver, British Columbia, 1934.

Industries	Estab- lish- ments No.	Capital Invested \$	Em- ployees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Sawmills	23	5,286,206	2,049	1,763,751	3,234,873	6,128,077
Slaughtering and meat packing	11	3,979,623	546	601,035	4,233,985	5,237,909
Sheet metal products	14	10,469,384	368	435,857	2,608,239	4,108,025
Coffee, tea and spices ..	7	1,620,623	133	149,547	2,798,297	3,764,968
Bread and other bakery products	116	2,009,374	946	874,460	1,413,329	2,926,248
Printing and publishing .	15	2,344,273	798	1,112,345	529,490	2,913,105
Fruit and vegetable preparations	10	1,735,240	388	327,250	1,268,431	1,871,264
Coke and gas products ...	3	12,991,722	233	267,487	532,716	1,824,508
Fish curing and packing .	10	967,512	190	233,827	1,215,062	1,687,907
Butter and cheese	8	614,541	163	211,247	822,434	1,510,238
Printing and bookbinding.	71	1,759,009	456	509,972	403,801	1,326,141
Dyeing, cleaning and laundry work	28	1,295,122	747	583,333	98,025	1,154,389
Furniture	36	1,258,954	432	369,562	455,026	1,148,629
Biscuits, confectionery, cocoa and chocolate ..	25	723,861	244	203,826	431,557	985,986
Castings and forgings ...	23	1,951,507	367	439,052	294,815	930,291
Wire and wire goods	8	1,157,162	116	146,323	528,480	898,062
Boxes and bags, paper ...	7	642,959	156	181,189	394,594	816,806
Planing mills, sash and door factories	22	758,019	306	228,737	456,236	766,215
Foods, stock and poultry.	5	1,993,021	166	157,337	476,457	704,164
Miscellaneous paper goods	6	1,002,015	118	120,628	483,864	691,451
Furnishing goods, men's .	9	229,440	159	110,048	285,229	547,203
Boxes, wooden	6	576,348	242	179,971	245,452	519,686
Clothing, factory, women's	13	186,877	160	127,279	279,918	475,453
Shipbuilding and repairs.	8	1,123,444	242	257,221	108,007	473,287
Leather boots and shoes .	6	287,799	146	124,147	248,197	436,067
Boilers, tanks and engines	8	606,135	122	161,069	152,438	404,967
Signs, electric	5	537,967	105	147,432	47,752	375,291
Foods, miscellaneous	12	229,176	46	44,457	193,553	370,055
Hardware and tools	5	334,373	88	95,354	117,980	365,676
Lithographing	4	454,665	97	137,566	135,317	358,471
Miscellaneous wooden products	10	405,682	108	131,900	158,067	345,574

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

Table 7. - Principal Statistics of the Industries Located in the City of
Vancouver, British Columbia, 1934. - (Cont'd.)

Industries	Estab- lish- ments No.	Capital Invested \$	Em- plovees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Paints, pigments and varnishes	5	453,206	60	73,210	165,307	325,320
Soaps and washing compounds	5	315,350	52	60,643	136,838	310,408
Dairy products, other .	3	194,493	43	61,405	99,191	277,444
Hosiery and knitted goods	3	378,102	114	85,444	101,761	268,930
Mattresses and springs.	3	226,058	76	86,704	126,487	259,799
Awnings, tents and sails	5	316,201	63	63,781	156,515	246,748
Automobiles	3	424,938	82	118,715	128,388	218,938
Aerated and mineral waters	8	173,485	60	56,561	56,954	188,597
Macaroni, vermicelli, etc.	4	232,829	38	27,694	113,095	184,185
Brooms, brushes and mops	6	248,390	83	70,652	88,588	178,473
Engraving, stereotyping and electrotyping ..	9	210,302	79	104,901	24,384	177,662
Ice, artificial	5	1,036,206	78	76,080	7,590	161,027
Rice mills	4	37,936	9	7,560	108,060	134,458
Boat building	6	140,234	69	59,118	41,214	132,803
Sausage and sausage casings	5	98,066	28	18,142	92,648	129,863
Machinery	9	208,842	54	62,475	34,531	121,327
Fur goods	5	129,510	30	32,002	68,977	121,067
Electrical apparatus and supplies	4	90,003	34	32,848	52,105	114,110
Miscellaneous leather goods	3	143,001	33	31,205	30,307	98,547
Hats and caps	4	37,522	27	29,741	36,809	87,581
Coffins and caskets ...	3	141,589	27	30,289	22,837	86,204
Medicinal and pharmaceu- tical preparations .	4	15,153	48	53,100	21,060	85,717
Jewelry and silverware.	5	41,271	40	40,922	33,393	81,612
Cooperage	3	106,870	25	24,284	50,281	80,905
Brass and copper products	8	88,449	27	28,514	23,741	78,593
Statuary, art goods and church supplies	5	43,605	47	30,428	24,952	67,082
Tobacco, cigars and cigarettes	7	65,185	30	23,231	37,504	67,065
Automobile supplies ...	4	140,804	27	30,925	32,605	66,916

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

Table 7. - Principal Statistics of the Industries Located in the City of
Vancouver, British Columbia, 1934. - (Concl'd.)

Name of Industry	Estab- lish- ments No.	Capital Invested \$	Em- plovees No.	Salaries and Wages \$	Cost of Materials Used \$	Gross Value of Products \$
Stone, monumental and ornamental	7	112,814	25	24,626	14,752	53,135
Glass Products	7	78,897	21	19,719	11,873	40,101
Stamps and stencils, rubber and metal ..	3	48,102	24	23,265	5,947	39,439
Cement products	6	157,771	13	12,223	6,787	20,606
Sporting goods	4	21,547	17	13,828	9,082	20,251
Blue printing	4	13,254	15	11,431	4,166	19,516
Miscellaneous chemical products	3	23,474	7	4,875	9,166	14,242
Iron and steel products, n.e.s. ..	3	29,209	6	2,837	3,213	9,155
All other vegetable products	12	12,533,135	557	823,220	5,193,573	8,401,960
All other animal products	5	163,549	53	52,862	89,653	183,829
All other textiles and textile products ..	10	725,123	186	175,280	663,469	955,552
All other wood and paper products	11	513,290	98	111,294	111,107	261,024
All other iron and steel products	4	2,530,170	192	243,636	252,834	628,914
All other non-metallic mineral products ..	5	995,349	49	70,805	1,098,962	1,840,584
All other chemicals and chemical products	10	355,828	54	68,550	76,198	290,506
All other miscellaneous products	7	683,320	69	83,578	140,394	288,795
TOTAL	773	84,254,515	13,206	13,595,812	34,258,919	63,475,105

The item "all other vegetable products" includes: 2 breweries, 1 distillery, 2 flour and feed mills, 2 foods, breakfast, 2 ice cream cones, 1 rubber goods, including footwear, 1 sugar refinery and 1 wine.

The item "all other animal products" includes: 1 fur dressing and dyeing, 2 gloves and mittens, leather, and 2 leather tanneries.

The item "all other textiles and textile products" includes: 1 bags, cotton and jute, 1 carpets, mats and rugs, 1 clothing, factory, men's, 2 cotton and wool waste, 2 gloves and mittens, fabric, 2 woollen cloth and 1 woollen goods, n.e.s.

The item "all other wood and paper products" includes: 1 excelsior, 2 flooring, hardwood, 2 roofing paper, wallboard, etc., 2 trade composition, 2 woodenware and 2 wood turning.

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE
YUKON TERRITORY, 1934.

The item "all other iron and steel products" includes: 2 bridge and structural steel work and 2 primary iron and steel.

The item "all other non-metallic mineral products" includes: 1 cement, 2 clay products from domestic clay, 1 miscellaneous non-metallic mineral products, and 1 petroleum products.

The item "all other chemicals and chemical products" includes: 1 coal tar distillation, 2 cleaning preparations, 1 fertilizers, 2 gases, compressed, 2 inks, printing and writing, and 2 toilet preparations.

The item "all other miscellaneous products" includes: 2 lead, tin and zinc products, 1 aircraft, 2 motion pictures, 1 regalia and society emblems, and 1 scientific and professional equipment.

Table 8. - Capital Invested in British Columbia and the Yukon Territory, 1929-1934.

Groups of Industries	Fixed Capital	Working Capital			Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Materials on hand, Stocks in process, Fuel and Miscellaneous supplies, etc.	Inventory value of finished products on hand	Cash, bills and accounts receivable, Prepaid expenses, etc.	
	\$	\$	\$	\$	\$
Vegetable products ..	14,949,662	3,697,312	5,870,696	7,832,346	32,350,016
Animal products	10,447,093	1,660,774	4,772,243	2,560,682	19,440,792
Textiles and textile products	2,839,522	603,983	301,311	580,633	4,325,449
Wood and paper products	76,088,151	5,928,806	5,397,488	13,482,772	100,897,217
Iron and its products	7,908,711	2,351,504	866,246	8,128,222	19,254,683
Non-ferrous metal products	20,600,675	5,450,862	9,363,437	7,620,825	43,035,799
Non-metallic mineral products	22,951,396	999,298	1,828,235	1,048,576	26,827,505
Chemicals and allied products	11,884,886	1,130,518	1,704,467	806,858	15,526,729
Miscellaneous industries	8,017,322	404,312	404,872	690,769	9,517,275
Central electric stations	89,316,831	1,774,760	-	5,053,287	96,144,878
TOTAL, 1934	265,004,249	24,002,129	30,508,995	47,804,970	367,320,343
1933	271,090,393	23,748,195	27,158,984	39,252,783	361,250,355
1932	272,688,048	22,625,617	25,853,051	41,712,725	362,879,441
1931	285,587,353	30,917,109	22,361,396	43,659,756	382,525,614
1930	287,655,141	62,956,105	-	52,717,052	403,328,298
1929	271,164,015	60,815,766	-	62,887,152	394,866,933

MANUFACTURING INDUSTRIES OF THE PROVINCE OF BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

Table 9. - Power Equipment in British Columbia and the Yukon Territory, 1929 to 1934.

Groups of Industries	Electric Motors							
	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water-wheels	Total Primary Power	Operated by purchased power	Operated by power generated by establishment	Total Electric Motors	Total Power equipment for manufacturing purposes
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Vegetable products	2,190	93	60	2,343	9,661	238	9,899	12,004
Animal products	2,837	2,468	1,068	6,373	5,159	358	5,517	11,532
Textiles and textile products	1,173	-	-	1,173	1,589	37	1,626	2,762
Wood and paper products .	108,933	4,138	108,276	221,347	30,556	110,964	141,520	251,903
Iron and steel products .	676	217	10	903	14,970	-	14,970	15,873
Non-ferrous metal products	8,000	288	14,035	22,323	123,779	9,990	133,769	146,102
Non-metallic mineral products	1,668	468	3	2,139	12,895	265	13,160	15,034
Chemicals and allied products	336	48	-	384	22,666	-	22,666	23,050
Miscellaneous products ..	3,590	316	-	3,906	8,582	-	8,582	12,488
TOTAL, MANUFACTURING INDUSTRIES, 1934	129,403	8,036	123,452	260,891	229,857	121,852	351,709	490,748
1933	112,024	5,792	123,721	241,537	211,436	116,506	327,942	452,973
1932	109,881	5,107	123,401	238,389	206,911	102,023	308,934	445,300
1931	115,199	4,887	122,997	243,083	213,754	108,113	321,867	456,837
1930	125,967	7,178	100,098	233,243	196,679	91,760	288,439	429,922
1929	122,922	7,411	100,004	230,337	190,910	91,381	282,291	421,247
CENTRAL ELECTRIC STATIONS, 1934	48,788	4,172	559,531	612,491	-	-	-	612,491
1933	48,801	4,149	560,156	613,106	-	-	-	613,106
1932	48,666	3,983	559,881	612,530	-	-	-	612,530
1931	48,830	3,977	502,255	555,062	-	-	-	555,062
1930	46,143	3,911	509,785	559,839	-	-	-	559,839
1929	46,493	3,251	413,785	463,529	-	-	-	463,529

MANUFACTURING INDUSTRIES OF THE PROVINCE OF

Table 10. - Cost of Fuel and Electricity, by Groups of

Groups of Industries	Bituminous Coal		Anthracite and Lignite	Coke
	Quantity	Value	Coal	
	Tons	\$	\$	\$
Vegetable products	28,558	117,410	1,665	9,837
Animal products	11,545	88,303	62	351
Textiles and textile products	1,495	9,208	49	210
Wood and paper products	12,986	64,508	431	945
Iron and its products	453	4,666	322	3,121
Non-ferrous metal products	3,279	14,974	-	9,651
Non-metallic mineral products	8,590	42,504	1,301	118,741
Chemicals and chemical products	2,162	11,646	-	592
Miscellaneous products	571	6,045	428	738
Central electric stations	2,440	7,658	-	-
TOTAL COST OF FUEL AND ELECTRICITY	72,079	366,922	4,258	144,186

Table 11. - Fuel Consumed in the Manufacturing Industries

Kinds of Fuel	Unit of Measure	1930		1931	
		Quantity	Value	Quantity	Value
			\$		\$
Bituminous Coal -					
Canadian	Ton	221,388	1,159,619	198,886	983,261
Imported	"	220	3,516	433	4,606
Anthracite coal	"	310	4,520	-	-
Lignite Coal -					
Canadian	Ton	675	5,922	3,541	19,519
Imported	"	123	1,126	12	74
Coke	"	13,757	101,745	14,081	96,953
Gasoline	Gallon	241,037	66,656	135,192	33,618
Fuel oils	"	37,765,092	1,493,453	30,945,374	1,201,616
Wood	Cord	180,864	375,197	166,790	333,015
Gas, manufactured	M cu. ft.	744,568	150,395	409,990	114,403
Other fuel	-	-	133,609	-	244,259
TOTAL COST OF FUEL	-	-	3,495,758	-	3,031,324

BRITISH COLUMBIA AND THE YUKON TERRITORY, 1934.

Industries, Province of British Columbia and the Yukon Territory, 1934.

Gasoline	Fuel Oils	Wood	Gas	Other Fuel	Total Cost of Fuel	Cost of Electricity
\$	\$	\$	\$	\$	\$	\$
1,072	41,676	49,813	35,651	23,025	280,149	174,129
5,411	103,580	31,183	4,154	31,465	264,509	101,221
6,510	15,016	13,280	2,227	28,515	75,015	39,533
50,185	616,340	63,309	7,632	252,033	1,055,383	324,573
1,185	18,624	2,483	10,250	2,239	42,890	89,813
26	54,389	570	12,730	8,352	100,692	2,041,236
1,264	152,860	15,662	43,189	12,687	388,208	64,072
713	16,177	3,308	1,031	5,565	39,032	356,779
873	10,352	2,101	1,716	100	22,353	87,771
-	26,909	5,356	-	-	39,923	-
67,239	1,055,923	187,065	118,580	363,981	2,308,154	3,279,127

of British Columbia and the Yukon Territory, 1930 to 1934.

1932		1933		1934	
Quantity	Value	Quantity	Value	Quantity	Value
	\$		\$		\$
165,163	861,733	80,285	404,424	71,772	363,483
456	5,667	105	1,507	307	3,439
-	-	121	1,449	162	1,904
2,068	13,099	722	5,166	357	2,354
161	754	19	227	-	-
14,739	93,796	24,409	130,575	25,149	144,186
121,641	35,018	137,706	35,618	260,553	67,239
26,034,786	907,876	27,103,861	966,335	29,331,335	1,055,923
125,494	316,350	142,696	346,104	65,791	187,065
603,681	129,571	450,497	106,699	-	118,580
-	187,261	-	205,057	-	363,981
-	2,551,125	-	2,203,161	-	2,308,154

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