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REPORT
 on the
 MANUFACTURING STATISTICS
 of the
 PROVINCE OF QUEBEC
 1927

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

OTTAWA

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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

CENSUS OF INDUSTRY

Dominion Statistician: R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
 Chief, Census of Industry: J. C. Macpherson

MANUFACTURES OF QUEBEC

1927

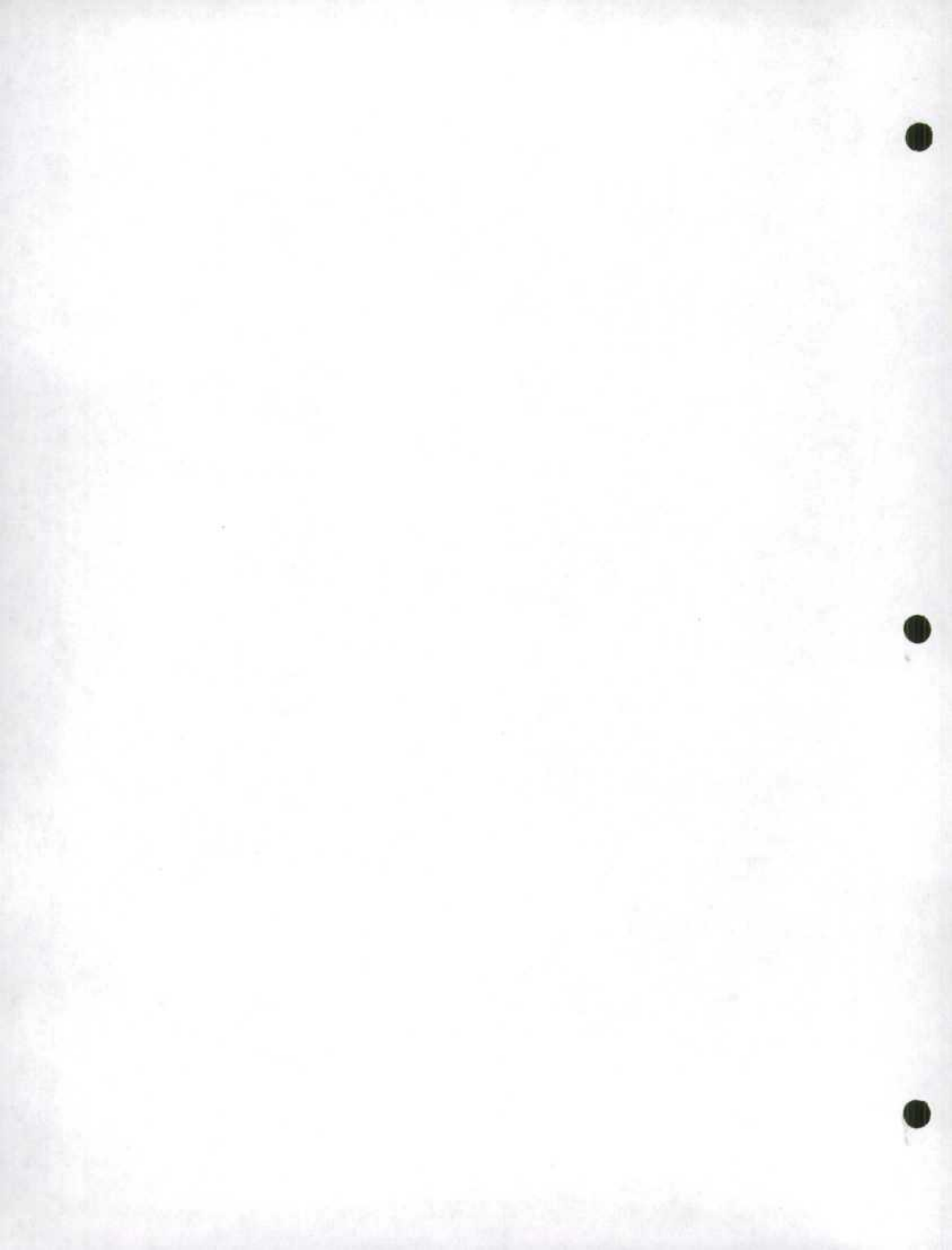
Ottawa, August, 1929. A report on the manufacturing industries of the Province of Quebec is herewith presented for the calendar year 1927. A comparison of the principal industrial statistics for the years 1926 and 1927 is given in the summary table following and also the increase or decrease in each of the principal statistical items.

Other tables of the report dealing with the principal phases of industrial activity appear in the following order:

- Table 1. Forty leading industries of the province of Quebec, 1927.
- Table 2. Principal statistics by groups of industries, 1926 and 1927.
- Table 3. Principal statistics of industries in each group, 1927.
- Table 4. Capital invested by groups of industries, 1927.
- Table 5. Employees, salaries and wages, 1927.
- Table 6. Fuel consumption by groups of industries, 1927.
- Table 7. Power installation by groups of industries, 1927.
- Table 8. Principal Statistics of the cities and towns of the province in order of value of production, 1927.

Principal Statistics, Province of Quebec, compared 1926 and 1927.

Principal Statistics		1926	1927	Increase + Decrease -
Establishments reporting	No.	7,164	7,206	+ 42
Capital invested	\$	1,216,975,958	1,376,654,019	+ 159,678,061
Employees on salaries -				
Male	No.	18,106	18,969	+ 863
Female	No.	4,149	4,782	+ 633
Total salaries	\$	42,621,293	45,886,411	+ 3,265,118
Employees on wages -				
Male	No.	114,024	125,519	+ 11,495
Female	No.	44,390	46,824	+ 2,434
Total wages	\$	146,704,852	157,838,586	+ 11,133,734
Outside piece workers -				
Male	No.	65	105	+ 40
Female	No.	439	480	+ 41
Total amount paid	\$	119,001	239,288	+ 120,287
Cost of fuel	\$	16,333,447	16,471,746	+ 138,299
Primary power equipment	H.P.	1,994,062	2,227,384	+ 233,322
Cost of materials	\$	442,927,613	474,361,396	+ 31,433,783
Gross value of products	\$	905,300,824	990,582,995	+ 85,282,171
Net value of products	\$	462,373,211	516,221,599	+ 53,848,388



MANUFACTURES OF QUEBEC, 1927.

Forty Leading Industries of Quebec

The principal statistics of the forty leading industries of the province of Quebec are presented in Table 1, for the calendar year 1927. The leading industry of Quebec in 1927 in point of production was the pulp and paper industry, with the cotton industry in second place and tobacco, cigars and cigarettes in third place. In capital investment, the electric power industry leads with the pulp and paper industry second and cottons third. The forty industries represented 80.34 per cent of the total number of establishments reported for the province whilst capital investment was 85.36 per cent, employees 81.73 per cent, salaries and wages 81.10 per cent, cost of materials 82.19 per cent and value of production 82.22 per cent.

Table 1. Forty Leading Industries of the Province of Quebec, 1927.

Industries	Estab- lish- ments No.	Capital	Employees No.	Salaries and Wages	Cost of Materials	Value of Products
Pulp and paper	50	295,505,452	16,663	22,268,204	43,155,848	114,405,475
Cotton yarn and cloth	17	58,511,702	14,221	11,197,832	29,051,358	55,096,042
Cigars, cigarettes, etc.	41	29,399,823	5,163	4,784,433	15,089,020	48,602,509
Electric light and power	166	308,580,159	3,532	4,653,844	8,016,448	41,778,415
Railway rolling stock	10	37,484,546	10,720	15,609,976	22,780,450	40,795,460
Sawmills	1,056	37,528,360	10,596	5,219,406	19,957,369	29,631,518
Butter and cheese	1,450	8,319,105	2,213	1,232,842	23,348,280	29,101,969
Boots and shoes, leather	113	19,199,715	9,744	9,362,266	14,639,173	28,801,652
Flour and feed mills	370	9,992,556	1,041	1,147,981	23,357,675	26,588,146
Clothing, men's factory	137	16,114,652	7,091	7,358,732	13,487,549	26,401,653
Slaughtering and meatpacking	19	8,198,053	1,857	2,320,115	19,033,538	24,143,265
Clothing, women's factory	193	9,517,803	6,006	5,908,049	13,380,414	23,327,233
Electrical apparatus	16	24,801,682	5,548	7,015,521	9,580,542	20,402,198
Breweries	9	20,563,180	1,635	2,047,128	6,161,446	20,065,498
Bread and other bakery products	838	12,498,864	4,258	4,498,791	10,171,046	19,310,546
Rubber goods including footwear	13	11,099,371	4,693	4,009,562	6,336,349	18,133,255
Castings and forgings	69	22,714,064	4,600	5,505,020	7,036,071	16,853,990
Machinery	27	19,661,837	3,796	4,820,352	6,369,128	16,416,131
Non-ferrous metal smelting and refining	3	22,596,525	2,296	2,961,130	5,059,200	16,410,013
Printing and publishing	62	14,355,470	3,259	2,902,257	7,209,626	12,713,480



MANUFACTURES OF QUEBEC, 1927.

Forty leading industries of Canada - Concluded

Industries	Estab- lish- ments No.	Capital \$	Employees No.	Salaries and Wages \$	Cost of Materials \$	Value of Products \$
Tobacco, chewing, smoking and snuff	29	9,266,490	1,754	1,584,841	5,535,740	13,941,113
Planing mills, sash and door factories, etc.	304	12,714,796	3,259	2,902,257	7,209,626	12,713,480
Hosiery, knit goods and fabric gloves	36	12,333,556	3,851	2,937,753	6,779,118	12,373,290
Biscuits and confectionery	49	9,697,473	3,319	2,552,742	6,057,127	11,759,187
Furnishing goods, men's	68	7,855,525	4,286	2,525,032	6,546,981	11,372,228
Petroleum products	5	12,665,994	785	1,150,663	11,192,165	11,254,506
Paints and varnishes	17	11,973,810	1,055	1,458,140	4,853,069	10,419,371
Shipbuilding and repairs	5	14,409,753	2,683	3,489,359	3,530,591	10,115,022
Printing and bookbinding	241	9,106,343	3,072	3,693,325	2,984,152	9,150,348
Sheet metal products	21	9,436,436	1,908	2,025,205	4,523,976	8,955,089
Acids, alkalis, salts and compressed gases	10	10,405,094	710	1,025,391	4,118,125	8,548,937
Fur goods	84	6,553,591	1,474	1,668,294	5,649,725	8,462,455
Distilleries	7	8,824,874	401	500,129	1,861,525	8,386,316
Explosives, ammunition, fireworks and matches	7	11,933,512	1,479	1,392,852	3,859,320	7,732,605
Hardware and tools	26	10,171,728	1,516	1,542,770	1,676,674	7,640,697
Hats and caps	66	2,979,482	2,378	2,052,570	3,399,655	7,382,106
Gas, illuminating and fuel	4	6,883,966	800	1,108,697	2,065,794	6,663,667
Steel and rolled products, pig iron and ferro-alloys	10	10,056,862	1,660	2,143,270	1,392,396	6,433,538
Dyeing, cleaning and laundry work	76	6,943,417	2,858	2,572,895	1,059,382	6,201,024
Furniture and upholstered goods	65	4,271,046	2,047	2,076,324	2,440,513	5,980,070
Total Forty leading industries	5,789	1,175,126,667	160,267	165,225,990	389,906,204	814,463,501
Grand total, all industries	7,206	1,376,654,019	196,094	203,724,997	474,361,396	990,582,995
Percentage of forty leading industries to totals for the province	80.34	85.36	81.73	81.10	82.19	82.22

Note: Other leading industries of Quebec, statistics of which cannot be given because there are fewer than three establishments in each industry are: Sugar Refineries, Aluminium Products, Cement and Bridge-building.



MANUFACTURES OF QUEBEC, 1927.

Principal Statistics of Manufactures by Groups of Industries, 1926 and 1927.

Table 2 shows the principal statistics of the ten groups into which all industry has been divided. The vegetable products group occupies first place during both years in value of production followed in order by the wood and paper and textile groups. In employment the textile group in 1927 stood in first place with the wood and paper group second, the iron and steel products third and the vegetable products group fourth. In capital investment the electric power industry was first, the wood and paper group was second and the textile group third.

Table 2. Principal Statistics by Groups of Industries, Province of Quebec, 1926 and 1927.

Name of Industry	Estab-lish-ments No.	Capital \$	Employees		Salaries \$	Employees on Wages		Wages \$	Cost of Materials \$	Value of Products \$
			Male No.	Female No.		Male No.	Female No.			
1926										
Vegetable products	1,366	129,819,260	2,568	545	6,468,881	13,324	7,750	16,263,381	99,101,026	188,894,546
Animal products	2,024	55,261,148	1,523	416	3,656,061	11,591	5,522	14,194,111	68,445,960	100,334,128
Textiles and textile products	622	135,713,194	2,325	911	6,204,960	15,853	23,631	28,960,783	91,924,268	160,288,806
Wood and paper products	2,156	340,598,494	3,884	851	9,103,446	30,617	2,974	34,341,385	78,695,813	186,187,225
Iron and its products	215	119,082,337	2,391	420	5,472,503	22,164	1,038	27,863,145	45,788,716	99,303,655
Non-ferrous metals and products	77	52,078,203	1,478	437	3,265,255	5,028	1,301	6,992,816	15,602,697	37,651,627
Non-metallic mineral products	260	60,733,609	871	174	1,674,345	5,716	659	6,482,286	17,278,460	37,946,596
Chemicals and allied products	168	46,529,563	961	247	2,805,201	3,117	1,075	3,648,695	17,357,304	38,350,256
Miscellaneous industries	107	33,191,851	805	148	2,024,174	4,785	440	5,714,247	8,733,367	22,793,285
Central Electric Stations	169	243,968,299	1,300	-	1,946,467	1,829	-	2,244,003	-	31,550,700
Total Quebec Groups	7,164	1,216,975,958	18,106	4,149	42,621,293	114,024	44,390	146,704,852	442,927,613	905,300,824
1927										
Vegetable products	1,444	137,988,392	2,831	640	6,890,827	13,902	8,061	17,476,689	104,278,528	206,575,850
Animal products	1,900	55,936,499	1,621	436	3,845,287	12,217	5,706	14,223,489	69,853,367	104,062,709
Textiles and textile products	673	152,667,099	2,702	1,073	6,972,669	17,362	25,183	32,202,850	88,643,408	168,127,803
Wood and paper products	2,196	395,038,003	4,206	890	10,153,584	37,007	3,177	36,822,378	87,678,804	206,394,651
Iron and its products	219	120,206,095	2,333	465	5,626,629	22,052	1,034	27,992,648	46,879,902	105,411,748
Non-ferrous metal products	78	56,050,733	1,537	482	3,684,603	6,408	1,375	8,826,653	18,717,439	46,100,896
Non-metallic mineral products	250	68,167,009	839	180	1,764,942	5,914	642	7,064,983	18,785,521	41,998,406
Chemicals and allied products	170	47,918,692	889	231	2,494,937	3,136	1,173	3,951,159	18,501,220	39,843,250
Miscellaneous industries	110	34,101,338	901	162	2,271,356	5,322	473	6,803,470	13,006,759	30,289,267
Central Electric Stations	166	308,580,159	1,110	223	2,181,577	2,199	-	2,472,267	8,016,448	41,778,415
Total Quebec Groups	7,206	1,376,654,019	18,969	4,782	45,886,411	125,519	46,824	157,838,586	474,361,396	990,582,995



MANUFACTURES OF QUEBEC, 1927.

The principal statistics of the industries comprised in the ten main groups are shown in Table 3 for the calendar year 1927. Increases appear in all the principal statistics when compared with the previous year as is shown in the summary table on page one of this report. Capital investment increased by approximately 13.1 per cent, employment by 8.5 per cent, salaries and wages by 7.6 per cent, materials by 7.1 per cent and value of products by 9.4 per cent.

Table 3. Principal Statistics of Industries in Each Group, 1927.

Name of Industry	Estab- lish- ments No.	Capital	Salaried Employees			Wage earners			Cost of Materials	Value of Products	
			Male No.	Female No.	Salaries \$	Male No.	Female No.	Wages \$		Gross	Net
QUEBEC	7,206	1,376,654,109	18,969	4,782	45,886,411	125,519	46,824	157,838,586	474,361,396	540,582,995	505,221,452
1. Vegetable products	1,444	137,988,322	2,831	64	6,830,827	13,902	8,061	17,470,689	104,342,523	206,515,858	107,297,222
Biscuits, confectionery, etc.	49	9,697,473	471	95	890,818	1,209	1,553	1,661,924	6,057,127	11,759,141	5,102,062
Bread and other bakery products	838	12,498,864	90	42	207,842	3,877	279	4,270,949	10,171,046	19,301,540	12,111,500
Breweries	9	20,563,180	189	15	509,563	1,418	13	1,537,565	6,162,446	20,065,450	13,921,052
Cigars and cigarettes	41	29,399,823	803	194	2,081,909	1,420	2,746	2,702,524	15,003,320	40,062,509	33,533,180
Coffee and spices	11	3,061,233	103	30	250,742	158	53	200,386	4,312,576	5,351,210	1,038,634
Distilleries	7	8,824,874	52	7	123,207	273	69	371,727	1,862,525	4,336,310	6,524,771
Food and grain mills	279	1,650,181	5	-	4,580	324	-	122,298	2,187,259	2,539,476	352,217
Flour mills	91	8,342,375	137	23	454,187	550	2	566,926	21,174,376	24,048,670	2,878,294
Fruit and vegetable canning, etc.	27	2,312,484	57	25	97,908	303	455	231,778	2,021,333	43,023,827	52,454
Ice cream cones	3	104,490	3	1	6,160	6	8	8,768	28,102	99,200	21,258
Linseed oil and oil cake	3	1,159,351	11	1	45,034	102	1	107,664	2,755,140	3,305,661	550,523
Macaroni and vermicelli	3	816,220	34	9	62,560	88	83	97,414	621,686	995,098	373,412
Maple Syrup and sugar	5	248,260	8	1	15,136	26	1	22,175	753,896	1,072,529	318,635
Miscellaneous food industries	12	373,858	29	10	55,206	80	30	76,587	470,433	633,138	362,705
Miscellaneous vegetable products	4	695,427	15	2	38,870	90	3	101,885	735,984	1,572,119	843,135
Pickles, vinegar and cider	6	323,121	10	1	26,000	30	2	35,787	451,869	6,297,643	1,457,774
Rubber footwear	4	9,790,218	42	120	735,872	2,147	1,569	2,885,921	5,475,875	16,102,020	10,626,145
Rubber goods	9	1,309,153	44	13	102,868	258	121	284,901	860,474	2,031,235	1,170,761
Syrups	6	183,402	16	-	23,446	19	18	24,607	230,319	319,055	88,735
Tobacco, chewing, smoking, etc.	29	9,266,490	167	27	625,725	649	911	959,116	5,535,740	13,941,113	8,405,373
All other industries	8	17,367,935	166	20	528,914	908	144	1,179,602	17,567,260	22,892,348	5,325,088
2. Animal products	1,900	55,936,499	1,621	436	3,845,287	12,217	5,706	14,223,489	69,853,367	104,062,709	34,209,342
Bolting, leather	5	1,069,334	37	10	114,380	98	1	109,792	469,177	778,470	309,293
Boot and shoe findings	10	1,430,526	33	3	95,585	204	80	197,434	471,489	1,114,058	641,569
Boots and shoes, leather	113	19,199,715	622	173	1,560,060	5,456	3,493	7,802,206	14,639,173	28,001,652	14,162,479
Butter and cheese	1,450	8,319,105	-	-	-	2,213	-	1,232,842	23,348,280	29,101,959	5,753,689
Fish curing and packing	90	416,327	27	1	17,615	698	502	112,347	466,797	730,372	263,575
Fur dressing and dyeing	6	1,054,441	35	4	127,683	424	79	444,751	179,090	1,344,985	1,165,355



MANUFACTURES OF QUEBEC, 1927.

Table 3.- Principal Statistics of Industries in each group, 1927 - Cont'd.

Name of Industry	Estab- lish- ments No.	Capital \$	Salaried Employees			Wage-earners			Cost of Materials \$	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
			No.	No.	\$	No.	No.	\$		\$	\$
2. Animal products - Concluded.											
Fur goods	84	6,553,591	188	106	525,486	505	675	1,142,808	5,649,725	8,462,455	2,012,730
Gloves and mittens, leather	14	1,918,025	95	32	194,269	288	533	602,991	1,463,461	2,798,548	1,335,087
Harness and saddlery	37	1,096,817	56	13	83,402	151	16	144,234	378,166	735,884	357,718
Leather goods, n.e.s.	9	199,877	19	6	42,130	63	88	99,905	190,830	409,502	218,672
Leather tanned	45	4,998,275	57	4	140,077	632	28	577,165	2,816,252	4,081,275	1,265,023
Sausages and sausage casings	12	565,367	7	4	29,623	79	4	95,440	389,723	641,829	252,106
Slaughtering and meatpacking	19	8,198,053	417	75	842,813	1,207	158	1,477,302	19,033,538	24,143,265	5,109,727
Trunks, bags, etc.	3	721,584	23	3	61,884	176	47	173,965	306,963	786,839	479,876
All other industries	3	195,462	5	2	10,280	23	2	10,307	50,703	131,606	80,903
3. Textile products											
Awnings, tents and sails	10	572,991	24	5	37,262	52	38	75,771	382,680	634,154	251,474
Bags, cotton and jute	5	2,498,502	32	12	90,365	100	227	202,812	3,500,231	4,049,916	549,685
Batting	4	2,092,389	33	19	110,658	91	62	135,444	819,171	1,440,422	621,251
Clothing, men's factory	137	16,114,652	541	184	1,406,782	2,824	3,542	5,951,950	13,487,549	26,401,653	12,914,104
Clothing, women's factory	193	9,517,803	405	228	1,202,058	1,258	4,115	4,705,991	13,380,414	23,327,233	9,946,819
Cordage, rope and twine	4	1,082,006	22	7	69,596	177	20	183,293	785,497	1,229,512	444,015
Corsets	5	2,964,118	142	148	209,060	13	602	337,656	1,276,742	2,234,840	958,098
Cotton and wool waste	3	232,992	8	3	26,539	40	7	37,228	412,952	530,710	117,758
Cotton goods, n.e.s.	9	511,964	12	5	33,120	38	149	115,317	512,577	801,791	289,214
Cotton thread	3	3,827,757	52	17	136,283	137	394	408,151	1,585,462	3,840,893	2,255,431
Cotton yarn and cloth	17	58,511,702	380	58	1,097,581	7,809	5,974	10,100,251	29,051,358	55,096,042	26,044,684
Dyeing, cleaning and laundry work	76	6,943,417	154	83	459,024	1,223	1,398	2,113,871	1,009,382	6,201,024	5,191,642
Furnishing goods, men's	68	7,855,525	231	104	492,829	503	3,448	2,032,203	6,546,981	11,372,228	4,825,247
Hats and caps	66	2,979,482	267	87	503,425	689	1,335	1,549,195	3,399,655	7,382,106	3,982,451
Hosiery, knit goods and fabric gloves	36	12,333,556	198	60	588,817	1,202	2,391	2,348,936	6,779,118	12,373,290	5,594,172
Oiled and waterproof clothing	10	499,969	27	8	65,375	69	46	122,437	510,665	935,169	424,504
Silk goods	9	16,255,544	94	31	191,835	386	901	819,137	2,086,804	4,154,444	2,067,640
Woollen cloth	10	2,605,153	20	3	45,202	258	282	431,039	1,031,372	1,827,119	795,747
Woollen goods, n.e.s.	4	2,973,275	38	3	147,482	197	133	261,127	1,051,448	2,416,445	1,364,997
All other industries	4	2,294,302	22	8	59,376	296	119	271,091	1,033,350	1,878,812	845,462



MANUFACTURES OF QUEBEC, 1927.

Table 3. Principal Statistics of Industries in each group, 1927 - Cont'd.

Name of Industry	Estab- lish- ments No.	Capital	Salaried Employees			Wage-earners			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
4. Wood and Paper products	2,196	395,038,003	4,206	1,090	10,153,584	37,007	4,067	46,975,962	87,678,804	206,394,651	118,715,847
Boats and canoes	11	126,588	4	-	7,080	34	-	33,001	26,086	83,651	57,565
Boxes and bags, paper	29	4,394,524	101	41	280,992	402	798	743,095	2,100,089	4,240,769	2,140,680
Boxes and packing cases	28	2,105,760	55	12	138,896	489	53	378,137	763,109	1,670,191	907,082
Carriages, wagons and sleighs	228	1,970,884	55	7	105,539	577	1	605,725	430,086	1,562,750	1,132,664
Clothes pins	3	115,220	3	-	10,730	121	31	91,330	49,370	248,936	199,566
Coffins and caskets	10	639,675	5	2	22,876	95	11	86,645	197,115	426,243	229,128
Cooperage	9	184,222	9	-	6,008	31	-	29,021	82,748	140,766	58,018
Furniture and upholstery	65	4,271,046	161	37	334,433	1,760	89	1,741,891	2,440,513	5,980,070	3,539,557
Lasts, trees and pegs	10	961,850	47	10	103,716	286	79	248,008	201,251	1,175,893	974,642
Lithographing and engraving	26	3,380,578	110	26	364,033	523	190	756,223	1,024,241	2,939,867	1,915,626
Miscellaneous wood products	18	410,937	14	3	24,142	177	1	137,318	98,898	421,710	322,812
Paper goods, n.e.s.	6	478,245	6	3	21,996	79	17	92,217	347,123	644,639	297,516
Planing mills, sash, doors, etc.	304	12,714,796	247	29	434,706	2,972	11	2,467,551	7,209,626	12,713,480	5,503,854
Printing and bookbinding	241	9,106,343	418	139	1,005,812	1,845	67	2,697,823	2,984,152	9,150,348	6,166,196
Printing and publishing	62	14,355,470	1,091	282	1,922,196	2,005	490	3,150,612	3,771,151	14,912,908	11,141,757
Pulp and paper	50	295,505,452	1,390	246	4,258,767	14,513	514	18,009,437	43,155,848	114,405,475	71,249,627
Roofing paper, wall board, etc.	3	2,769,383	45	14	147,139	115	2	138,016	1,153,883	2,421,912	1,268,029
Sawmills	1,056	37,528,360	314	15	571,909	10,260	7	4,647,497	19,957,369	29,631,518	9,674,149
Sporting goods	4	84,700	-	-	-	9	-	10,328	10,973	27,123	16,150
Stationery and envelopes	5	931,562	14	5	58,873	66	115	150,074	498,529	821,130	322,601
Stereotyping and electrotyping	5	480,403	30	9	87,225	110	-	196,992	79,278	489,590	410,312
Wood turning	13	729,119	17	4	40,864	210	45	168,971	358,314	700,052	341,738
All other industries	10	1,792,886	70	6	205,652	328	53	256,776	739,052	1,585,630	846,578
5. Iron and its products	219	120,206,095	2,333	465	5,626,629	22,052	1,034	27,992,648	46,879,902	105,411,748	58,531,846
Agricultural implements	12	4,337,631	48	5	74,991	168	-	144,175	163,934	545,015	381,081
Automobile supplies	7	164,400	16	3	29,656	33	12	49,757	106,541	262,857	156,316
Boilers, tanks and engines	4	337,948	7	-	17,805	100	-	119,212	112,459	335,118	222,659
Castings and forgings	69	22,714,064	575	124	1,333,915	2,799	102	4,171,105	7,036,071	16,853,990	9,817,919
Hardware and tools	26	10,171,728	130	45	368,734	879	462	1,174,036	1,676,674	7,640,697	5,964,023
Iron and steel products, n.e.s.	21	1,747,454	62	13	182,085	492	-	525,380	1,168,127	2,325,004	1,154,877
Machinery	27	19,661,837	537	159	1,243,494	2,956	144	3,576,898	6,369,128	16,416,131	10,047,003
Railway rolling stock	10	37,484,546	636	32	1,456,994	10,024	28	14,152,982	22,780,450	40,795,460	18,015,010
Sheet metal products	21	9,436,436	150	56	477,940	1,457	245	1,547,265	4,523,976	8,955,089	4,431,113
Steel and rolled products, pig iron, etc.	10	10,056,862	110	10	1,456,994	1,500	3	1,094,707	1,352,356	6,433,538	5,041,742
Structural iron and steel	10	1,792,886	70	6	205,652	328	53	256,776	739,052	1,585,630	846,578



MANUFACTURES OF QUEBEC, 1927.

Table 3. Principal Statistics of Industries in each group, 1927 - Cont'd.

Name of Industry	Estab-lish-ments	Capital	Salaried employeés			Wage-earners			Cost of Materials	Value of Products	
			Male	Female	Salaries	Male	Female	Wages		Gross	Net
	No.		No.	No.		No.	No.				
6. Non-ferrous metal products	78	56,050,733	1,537	482	3,684,603	6,408	1,375	8,828,653	18,717,439	46,100,856	27,383,457
Brass and copper products	20	5,971,323	184	30	741,382	868	66	1,098,348	1,913,526	5,181,059	3,267,533
Electrical apparatus and supplies	16	24,801,682	1,111	377	2,610,440	2,531	1,129	4,405,081	9,580,542	20,402,198	10,821,656
Lead, tin and zinc products	8	856,475	15	6	53,940	38	1	45,166	858,175	1,190,060	332,605
Misc. non-ferrous products	4	152,965	10	2	34,535	24	3	23,593	42,490	112,127	69,637
Precious metal products	27	1,671,763	54	45	178,778	440	172	661,163	1,263,506	2,804,639	1,541,133
All other industries	3	22,596,525	163	22	365,828	7,107	4	2,595,302	5,059,200	16,410,013	11,350,813
7. Non-Metallic mineral products	250	68,167,009	839	180	1,764,942	5,914	642	7,064,583	18,785,521	41,998,406	23,212,885
Aerated and mineral waters	92	3,842,867	140	23	242,323	520	28	557,100	1,383,065	3,500,478	2,117,413
Asbestos and allied products	4	2,346,749	29	4	71,550	190	19	158,085	591,430	1,229,658	638,228
Cement	3	14,670,629	46	6	107,791	859	-	1,138,863	-	5,383,058	5,383,058
Cement products	31	559,037	53	2	70,156	231	2	200,047	228,334	662,765	454,431
Clay, products, domestic	20	10,771,722	71	7	149,938	1,001	-	918,480	-	2,734,738	2,734,738
Clay products from imported ore	5	991,083	29	3	68,824	207	6	253,028	171,640	848,561	676,921
Gas, illuminating and fuel	4	6,883,966	202	76	473,833	522	-	634,064	2,065,794	6,663,667	4,597,073
Glass products	9	5,802,961	83	27	158,944	925	150	1,238,046	1,777,065	5,652,540	3,875,475
Lime	15	1,716,394	18	-	32,415	262	-	227,582	-	606,667	606,667
Misc. non-metallic mineral products	11	6,791,709	37	8	79,083	257	433	412,645	1,075,700	2,305,948	1,230,248
Petroleum products	5	12,665,994	93	22	194,066	666	4	956,597	11,192,165	11,254,508	62,343
Stone, monumental and ornamental	49	911,863	32	1	68,219	236	-	305,816	262,986	838,892	575,906
All other industries	2	212,035	6	1	7,800	38	-	23,830	37,342	96,526	59,504
8. Chemicals and allied products	170	47,918,692	809	231	2,494,937	3,136	1,173	3,951,159	18,501,220	39,843,250	21,342,030
Acids, alkalis, salts and compressed gases	10	10,405,094	100	25	327,776	585	-	657,615	4,118,125	8,543,937	4,430,812
Coal tar and its products	5	1,794,349	14	1	30,052	56	-	72,193	801,051	1,233,037	431,906
Explosives, ammunition, fireworks and matches	7	11,933,512	118	15	258,579	860	486	1,134,273	3,659,320	7,732,605	3,073,285
Inks, dyes and colours	6	207,097	16	5	39,737	19	21	32,290	119,213	329,369	210,156
Medicinal and pharmaceutical preparations	41	4,601,814	163	60	464,617	272	271	446,896	1,393,424	4,057,655	2,664,231
Misc. chemical industries	43	2,586,169	132	42	342,156	283	113	326,990	1,321,128	2,672,620	1,351,492
Paints and varnishes	17	11,972,810	218	52	666,443	720	105	791,697	4,853,089	10,419,371	5,566,282
Soaps, washing compounds and toilet preparations	35	3,452,096	120	31	350,369	250	177	365,283	1,543,637	4,049,065	2,506,228
Wood distillation	5	957,751	8	-	15,238	34	-	83,397	407,203	782,392	305,1--
All other industries	1	8,000	-	-	-	7	-	525	5,030	7,200	2,170

MANUFACTURES OF QUEBEC, 1927.

Table 3. Principal Statistics of Industries in each group, 1927 - Concluded.



MANUFACTURES OF QUEBEC, 1927.

Table 3. Principal Statistics of Industries in each group, 1927 - Concluded.

Name of Industry	Estab- lish- ments No.	Capital	Salaried employees			Wage-earners			Cost of Materials	Value of Products	
			Male No.	Female No.	Salaries	Male No.	Female No.	Wages		Gross	Net
9. Miscellaneous industries	110	34,101,338	901	162	2,271,356	5,322	473	6,803,470	13,006,759	30,289,267	17,282,508
Artificial feathers and flowers	3	127,608	15	12	33,930	6	80	45,171	81,030	205,403	124,373
Brooms, brushes and mops	23	372,353	19	12	30,820	193	23	111,400	217,153	503,275	286,122
Candles and tapers	9	474,956	6	1	17,366	36	17	40,083	192,840	407,215	214,375
Mattresses and springs	17	2,503,185	61	17	261,949	478	53	631,061	1,972,185	4,040,063	2,067,878
Musical instruments	10	6,105,191	119	44	315,141	929	112	1,100,590	2,034,499	4,623,011	2,588,512
Regalias and society emblems	4	42,526	3	-	9,620	4	9	9,963	39,266	77,109	37,843
Shipbuilding and repairs	5	14,409,753	253	19	489,701	2,403	8	2,999,658	3,530,591	10,115,022	6,584,431
Stamps and stencils	4	165,197	19	4	40,514	39	-	45,445	25,868	152,183	126,315
Stationary and art goods	13	125,676	12	4	25,636	93	20	116,987	28,614	294,818	266,204
Toys and games	3	32,200	-	-	-	11	1	3,580	1,566	8,015	6,449
Umbrellas	4	191,517	5	1	22,124	17	37	37,682	142,988	263,227	120,239
All other industries	15	9,551,176	389	48	1,035,555	1,113	113	1,661,850	4,740,159	9,599,926	4,859,767
10. Central electric stations	166	308,580,159	1,110	223	2,181,577	2,199	-	2,472,267	8,016,448	41,778,415	33,761,967



MANUFACTURES OF QUEBEC, 1927.

Capital Investment

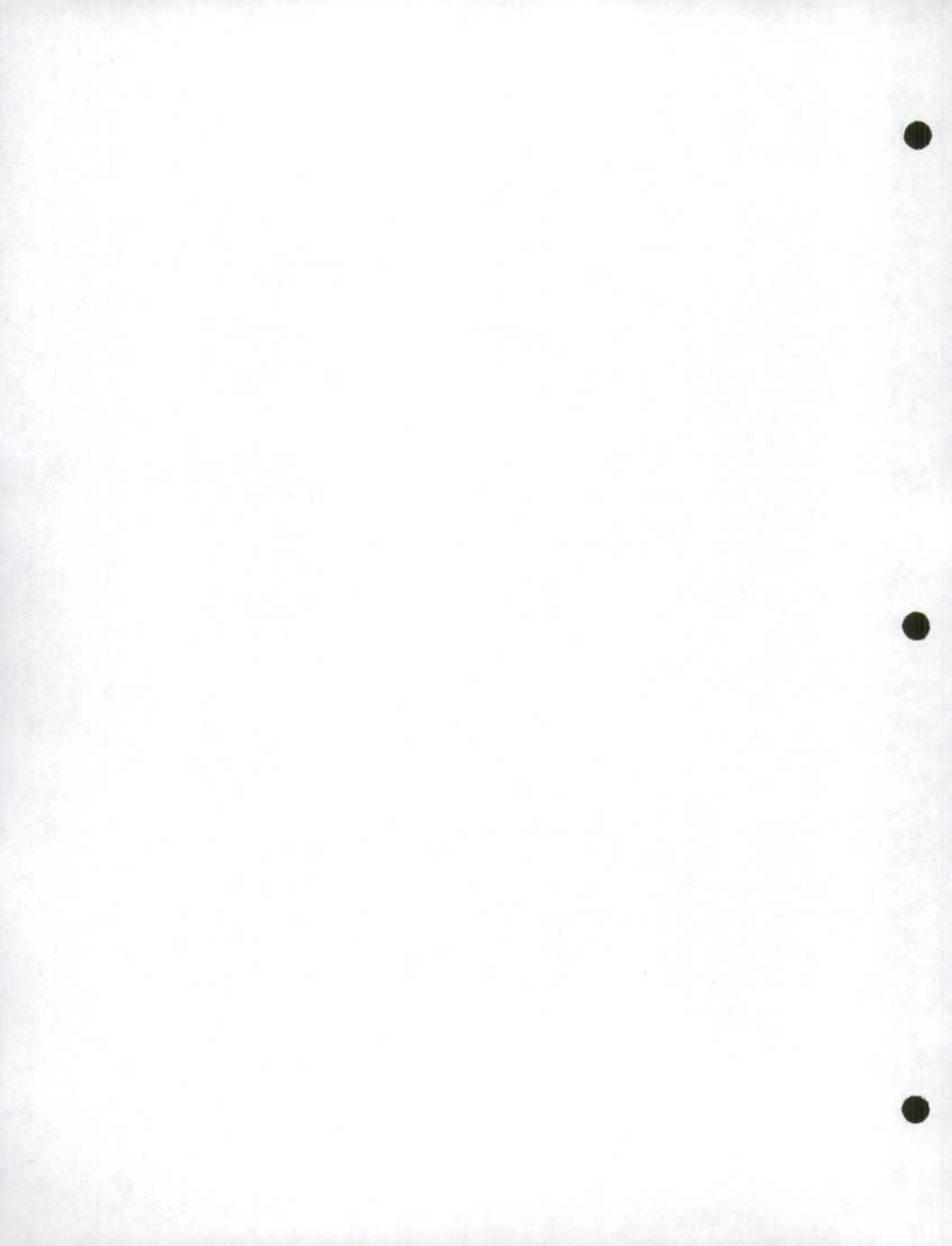
The statistics of capital investment in the manufacturing industries of the province of Quebec are presented in Table 4, for the calendar year 1927 by groups of industries. The statistics are given under two main heads - fixed capital which includes land, buildings, machinery and tools and working capital which includes (a) materials and stocks on hand, fuel and miscellaneous supplies on hand and (b) cash, trading and operating accounts and bills receivable. The total capital investment which in 1923 amounted to \$1,009,898,982 advanced to \$1,044,113,969 in 1924, to \$1,136,033,133 in 1925, to \$1,216,975,958 in 1926 and to \$1,376,654,019 in 1927. The increase in 1923-4 was \$34,214,989 or 3.4 per cent, in 1924-5 it was \$91,919,164 or 8.1 per cent, in 1925-6 it was \$80,942,825 or 7.1 per cent, and in 1926-7 had further advanced to \$159,678,061 or 13.1 per cent.

The wood and paper group stands first in total capital investment with \$395,038,003 or 28.7 per cent with the electric power plants in second place with \$308,580,159 or 22.4 per cent. Textiles and textile products stand third, vegetable products fourth and iron and its products fifth, followed in order by non-metallic mineral products, animal products, non-ferrous metal products, chemical and allied products and miscellaneous industry products. The average capital investment per establishment for the past six years shows a continued steady growth. In 1922 the average capital per establishment was \$130,907. In 1923 it had increased to \$141,403, an increase of \$10,496 per establishment or 8 per cent; in 1924 it had increased to \$152,492, an increase over 1923 of \$11,089 or 7.84 per cent; in 1925 it had increased to \$162,407, an increase of \$9,915 per establishment or 6.5 per cent; in 1926 it had increased to \$170,153, an increase of \$7,746 or 4.8 per cent and in 1927 it had further increased to \$191,042 or 12.27 per cent.

Table 4. Capital Invested by Groups of Industries in Quebec, 1927.

Groups of Industries	Fixed Capital		Working Capital		Total Capital
	Land, buildings, machinery and tools	Materials and stocks on hand, fuel and miscellaneous supplies	Cash, trading and operating accounts and bills receivable		
Vegetable products	69,202,936	39,883,979	28,901,477	137,985,392	
Animal products	25,764,889	17,801,970	12,369,640	55,936,499	
Textiles and textile products	77,034,096	38,171,325	37,461,678	152,667,099	
Wood and paper products	292,160,859	62,271,780	40,605,364	395,038,003	
Iron and its products	71,027,607	24,566,600	24,611,888	120,206,095	
Non-ferrous metal products	33,870,707	14,200,406	7,979,620	56,050,733	
Non-metallic mineral products	49,628,675	11,293,009	7,245,325	68,167,009	
Chemicals and allied products	27,381,438	10,542,364	9,994,890	47,918,692	
Miscellaneous industry products	16,630,600	8,677,609	8,793,129	34,101,338	
Central electric stations	295,487,714	2,758,766	10,333,679	308,580,159	
Totals, Quebec	958,189,521	230,167,808	188,296,690	1,376,654,019	

MANUFACTURES OF QUEBEC, 1927.
Employees, Salaries and Wages, 1927



MANUFACTURES OF QUEBEC, 1927.

Employees, Salaries and Wages, 1927

The number of persons at employment by classes and sex is shown by groups of industries in table 5. Employment in the province is highest in the textile group with 46,320, the wood and paper group being next with 45,280 followed in order by the iron group, the vegetable group and the animal products group, all of which had approximately a total employment of 20,000 and up. The textile group moreover is the highest employer of female labor in the province there being 25,183 out of a total employment of 46,824 or 53.78 per cent.

In the total payments for salaries and wages the wood and paper group is first with \$46,975,962, with the textile group in second place with \$39,175,519 and the iron group third with \$33,619,277.

The amounts paid for salaries and wages are the total payments to all employees irrespective of the sex of the employee. The average of salaries and wages for Canada and the province of Quebec on this basis are compared in the statement following and shows that while the average salary is higher in Quebec by \$32.79 yet the average wage falls below the Canada average by \$80.66 and in the combined salary and wages average by \$82.27.

	Average salary	Average wages	Combined average salaries and wages
Canada	\$ 1,899.19	\$996.50	\$1,121.18
Quebec	1,931.98	915.84	1,038.91
Variation (+ or -)	+ 32.79	-80.66	-82.27

Table 5. Employees, Salaries and Wages by groups of Industries for Quebec, 1927.

Groups of Industries	Salaried employees			Wage-earners			Totals	
	Male	Female	Salaries	Male	Female	Wages	Employees	Salaries & Wages
	No.	No.	\$	No.	No.	\$	No.	\$
Vegetable products	2,831	640	6,890,827	13,902	8,061	17,476,689	25,434	24,367,516
Animal Products	1,621	436	3,845,287	12,217	5,706	14,223,489	19,980	18,068,776
Textile and textile products	2,702	1,073	6,972,669	17,362	25,183	32,202,850	46,320	39,175,519
Wood and paper products	4,206	890	10,153,584	37,007	3,177	36,822,378	45,280	46,975,962
Iron and its products	2,333	465	5,626,629	22,052	1,034	27,992,648	25,004	33,619,277
Non-ferrous metal products	1,537	482	3,684,603	6,408	1,375	8,828,653	9,802	12,513,256
Non-metallic mineral products	839	180	1,764,942	5,914	642	7,064,983	7,575	8,829,925
Chemicals and allied products	889	231	2,494,937	3,136	1,173	3,951,159	5,429	6,446,096
Miscellaneous industry products	901	162	2,271,356	5,322	473	6,803,470	6,058	9,074,826
Central electric stations	1,110	223	2,181,577	2,199	-	2,472,267	3,532	4,653,844
Total of Quebec groups	18,969	4,782	45,886,411	125,519	46,824	157,838,586	196,094	203,724,997

MANUFACTURES OF QUEBEC, 1927.

Fuel Consumption

The quantity and the cost value at the works of the various classes of fuel consumed by the industries of the Province of Quebec during the calendar year 1927 are shown in Table 6. The total cost of all fuel amounted to \$16,471,746 and of this total \$12,681,930 or nearly 77 per cent represented the cost of coal of all kinds. Oil for fuel stands second in importance with an outlay of \$2,167,046 or 13.1 per cent of the total cost. Wood takes third place with an expenditure of \$528,180; followed in order of importance by gas \$387,658, other fuel \$347,142, coke \$277,436 and gasoline \$82,354.

The consumption of fuel by groups shows the wood and paper group with a total expenditure of \$5,941,887 as the largest consumer. Next in order is the non-metallic group with \$3,648,135, the iron and steel group with \$1,983,014 and the vegetable products group with \$1,831,737.

Table 6. Fuel Consumption by Groups of Industries, 1927.

	Bituminous Coal	Anthracite Coal	Lignite Coal	Coke	Gasoline	Oil	Wood	Gas	Other Fuel	Total
Vegetable products	915,923	137,081	1,951	93,744	20,193	263,763	257,030	133,180	8,872	1,831,737
Animal products	264,028	35,393	343	3,604	7,415	8,414	14,876	8,770	243,576	586,419
Textiles and textile products	1,052,712	125,189	36,268	13,194	14,534	65,257	11,843	18,604	9,150	1,346,751
Wood and paper products	4,795,109	854,068	10,266	3,386	25,712	88,873	90,954	36,386	37,133	5,941,887
Iron and steel products	1,011,908	104,326	4,163	66,146	5,303	702,434	26,050	53,610	9,074	1,983,014
Non-ferrous metal products	163,367	29,387	167	49,573	1,184	55,227	797	35,537	323	335,562
Non-metallic mineral products	2,503,740	31,466	800	17,228	7,082	921,753	116,509	47,923	1,634	3,648,135
Chemicals and allied products	325,527	71,570	-	22,048	728	17,382	1,543	16,316	36,665	491,779
Miscellaneous industry products	172,228	8,392	-	8,513	35	42,320	2,578	37,332	38	271,436
Central Electric Stations	26,558	-	-	-	268	1,623	6,000	-	677	35,026
TOTAL	11,231,100	1,396,872	53,958	277,436	82,354	2,167,046	528,180	387,658	347,142	16,471,746



MANUFACTURES OF QUEBEC, 1927.

Power Equipment in Industries of the Province of Quebec

The statistics of power equipment installed in the manufacturing industries of the Province of Quebec are shown by groups of industries for the calendar year 1927 in Table 7. Power developed by steam increased by 14,760 h.p., by water 218,848 h.p. whilst internal combustion engines decreased by 286 h.p. Electric motors in industry are of two classes: the first being those driven by purchased power and the second those driven by power generated by the establishment. In 1927 there was an increase in the first class of 231,119 h.p. or 36.7 per cent as compared with the preceding year and a decrease in the second class of 14,983 h.p. or 15.35 per cent. The total available horse power for manufacturing purposes in 1927 was 3,088,698, an increase over 1926 of 464,441 h.p. or 17.7 per cent. The cost of electricity purchased during 1927 for lighting, heating and power amounted to \$14,193,860 as compared to \$10,425,283 in 1926.

Table 7. Power Equipment in the Province of Quebec, 1927.

	Steam engines and turbines	Internal combustion engines	Hydraulic turbines or water wheels	Total primary power	Electric motors		Total electric motors	Total power equipment for manufacturing purposes
	H.P.	H.P.	H.P.	H.P.	Operated by purchased power	Operated by owned power	H.P.	H.P.
Vegetable products	11,837	1,435	14,208	27,480	37,097	6,637	43,734	64,577
Animal products	2,816	1,057	238	4,111	12,598	10	12,608	16,709
Textiles and textile products	7,986	34	14,814	22,834	44,641	6,860	51,501	67,475
Wood and paper products	106,836	5,106	183,452	295,394	589,895	55,665	645,560	885,289
Iron and steel products	17,265	188	1,231	18,684	77,076	3,752	80,828	95,760
Non-ferrous metal products	6,025	-	51,150	57,175	18,682	7,780	26,462	75,857
Non-metallic mineral products	7,744	138	1	7,883	48,235	312	48,547	56,118
Chemicals and allied products	3,603	57	8,380	12,040	12,917	1,661	14,578	24,957
Miscellaneous industry products	1,040	35	-	1,075	20,173	-	20,173	21,248
Central electric stations	31,865	88	1,748,755	1,780,708	-	-	-	919,394 ^{1/}
TOTAL	197,017	8,138	2,022,229	2,227,384	861,314	82,677	943,811	2,227,384

1/ Less horsepower rating of motors in preceding groups operated by power purchased from Central Electric Stations.



Principal Statistics of Cities and Towns of Quebec, 1927

Table 8 shows the principal industrial statistic for 47 cities and towns in the province whose production exceeded one million dollars in 1927. The total gross value of production of the 47 urban centres amounted to \$851,551,165 in a total for the entire province of \$990,582,995, representing approximately 86 per cent. The manufactured products of the City of Montreal represented 54.54 per cent of the total for the province.

Table 8. Principal Statistics of 47 Cities and Towns in order of value of production, 1927.

City or Town	Estab- lish- ments	Capital	Employ- ees	Salaries and Wages	Cost of Materials	Value of Products
	No.	\$	No.	\$	\$	\$
Montreal	1,823	552,788,702	98,353	113,797,512	259,104,230	540,267,591
Three Rivers	54	67,037,070	7,384	8,046,150	18,212,158	44,303,881
Quebec	263	43,080,873	9,764	8,319,755	15,504,295	35,258,333
Shawinigan Falls	20	65,494,137	2,338	2,971,236	7,929,420	20,609,086
Sherbrooke	76	23,045,210	4,451	4,455,171	7,990,106	18,429,959
Lachine	25	18,891,354	2,523	4,022,855	7,414,042	15,878,574
Montreal East	4	23,848,875	1,539	2,168,136	10,878,433	15,633,773
Pull	38	13,771,199	2,672	2,791,622	4,850,619	11,623,773
Valleyfield	24	10,864,298	2,889	2,315,430	3,354,163	10,061,326
Granby	28	8,951,300	2,436	2,071,855	4,256,776	9,965,459
Magog	13	4,752,328	1,422	1,102,047	6,093,027	8,806,061
Grand'Mere	15	51,557,070	1,280	2,001,173	2,366,241	8,773,013
St. Hyacinthe	48	9,094,056	2,537	1,855,489	4,378,924	7,921,597
Kanogami	3	13,810,035	933	1,442,263	2,498,940	7,907,530
St. Jerome	28	4,838,863	1,884	1,485,763	2,914,787	7,420,036
Port Alfred	3	23,005,283	920	1,276,226	2,136,492	7,328,575
St. John	30	7,321,056	2,360	2,317,893	3,133,175	6,442,514
Drummondville	17	17,820,681	1,438	1,168,244	3,091,883	5,324,262
East Angus	5	13,393,927	793	853,680	2,769,051	5,046,840
Lauzon	5	4,047,221	604	664,855	1,694,578	4,756,774
La Tuque	10	7,958,221	601	865,721	1,880,173	4,304,363
Beloeil	8	4,299,950	234	303,165	2,503,466	4,279,459
Victoriaville	24	4,167,054	1,164	920,463	1,363,790	4,052,011
Pononaona	3	11,444,207	499	826,835	1,735,745	3,517,837
St. Joseph d'Alma	5	11,208,201	473	720,808	809,825	3,492,074
Chicoutimi	20	13,159,946	670	701,034	1,892,482	3,394,780
Verdun	9	1,683,193	797	763,083	1,625,809	3,166,780
Barthier	11	4,223,520	389	301,878	675,018	2,603,617
Sorel	19	3,479,337	1,394	1,123,241	859,566	2,534,861
Beauharnois	9	5,283,360	563	509,622	1,107,881	2,469,913
Windor	7	3,670,991	491	569,845	953,500	2,196,104
Joliette	37	1,712,630	562	426,394	987,911	2,082,518
Bromptonville	3	413,743	341	402,461	1,185,897	1,958,191
Coaticook	24	2,436,990	728	450,162	1,010,258	1,893,666
Candler	4	2,961,636	449	466,585	775,321	1,866,494
Marieville	10	1,584,135	489	391,004	985,335	1,862,530
Essexingham	14	2,787,741	364	390,059	748,948	1,645,873
Cowansville	11	2,203,149	484	439,339	699,534	1,628,840
Longueuil	7	2,322,587	249	356,391	97,014	1,470,216
Outremont	3	593,118	449	477,868	550,619	1,369,816
Jonquiere	10	1,672,726	216	311,331	534,047	1,317,869
Rock Island	15	2,162,484	365	323,353	624,206	1,301,180
Cap de la Madeleine	6	316,330	119	81,573	1,003,492	1,189,400
Montmagny	20	3,113,564	357	317,111	409,375	1,065,879
St. Remi	11	597,460	134	85,971	839,110	1,059,343
Asbestos	10	1,350,822	165	176,243	572,735	1,056,843
Bimouaki	10	3,270,225	351	308,009	431,555	1,011,746
Total 47 Cities & Towns	2,842	1,079,499,768	161,617	178,136,904	397,434,072	851,551,165
Total for the province	7,206	1,376,654,019	196,094	203,724,297	474,361,396	990,582,995
Per cent of 47 Cities and towns to the totals for the province	39.44	78.41	82.42	87.44	83.78	85.97

Notes: The towns of Foster and La Salle with a total production of \$7,413,292 are not included in the totals of the leading cities and towns having less than three establishments reporting.

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