

and capital to widely diversified industrial operations. This has been her distinguishing characteristic for at least a generation. Within that period, manufacturing establishments on a scale and with equipments in keeping with the latest demands for cheap and efficient production, have successively sprung up within her limits. Her increasing workshops have steadily added to her population and enhanced her wealth. Scarcely an important branch of industry is left altogether unrepresented.

Her factories, equipped with modern machinery and the latest labor saving devices to minimize the cost of production, maintain a daily output of innumerable articles of the metal, wood, and leather industries, of textile fabrics, and of glassware, pottery, and clothing. The curing and packing of meats, and canning of fruits and vegetables, are also carried on in accordance with advantageous methods peculiar to the western side of the Atlantic.

The last census of Canada, taken in 1881, shews how various the industries of Hamilton are, and gives a clear view of their relative importance in comparison with the manufactures of the whole of Canada. The capital invested in the industrial operations carried on in Hamilton is nearly one thirty-fourth of the whole capital invested in manufacturing industries throughout the whole Dominion, and the proportion of finished goods is nearly in the same ratio. The average annual wages of each person employed in Hamilton industries amounts to \$345.93. This includes the boys and girls as well as the adults employed, and is in excess of the average earnings of similar employees, taking the whole of Canada into account. Including the whole manufacturing population of Canada, the average yearly earnings per person employed amount to \$233.11. The exact returns of the Dominion census for 1881 are:

	Capital invested in Manufacturing Operations.	No. of Hands Employed.	Amount of Yearly Wages.	Value of Raw Materials.	Total Value Articles Produced.
Dominion of Canada.....	\$165,302,693	254,935	\$59,409,002	\$179,918,593	\$309,676,068
City of Hamilton.....	4,825,500	6,493	2,246,127	4,303,693	8,209,489

The same official census of the Dominion Government gives an analysis of the trades and industries thus summarized. The list of the Government is printed here just as it appears in the official census report. It is well worth perusal, and has a value apart from its relation to Hamilton, for it pictures, better than words, the daily life of a medium-sized Canadian city standing in fair repute with its neighbors for enterprise.

CENSUS RETURNS, 1881: INDUSTRIAL ESTABLISHMENTS OF HAMILTON.

INDUSTRY.	No. of Factories or Workshops.	EMPLOYEES.			Yearly Wages.	Value of Raw Material.	Value of Articles Produced.
		Men.	Women.	Boys.			
Furriers, Hatters, etc.	6	48	75		\$ 36,775	\$ 61,700	\$195,700
Jewellers and Watchmakers	5	11			2,360	4,825	13,100
Boat Building	3	3		1	860	1,525	1,525
Breweries	5	49	1		22,968	98,375	162,500
Bakers and Pastry Cooks	3	91	3		34,683	80,770	80,770
Tailors and Clothiers	5	183	235	4	27,500	325,475	590,510
Knitting and Hosiery	12	82			138,310	31,650	128,500
Tanners	4	23			8,060	82,700	99,400
Foundries and Machine Shops	18	561		18	240,260	397,150	839,400
Saddle and Harness Shops	12	11		4	18,540	44,600	88,985
Coppersmiths	20	16	260		43,500	10,950	10,950
Dress Making	19	155			35,044	88,440	157,852
Flour and Grist Mills	16	130			7,086	107,000	107,000
Carpenters and Joiners	37	82			35,510	49,995	152,850
Barrel and Cask Making	11	199			43,960	16,110	282,130
Brick and Tile Making	8	199			97,959	13,200	55,500
Cabinet and Furniture	11	175			44,566	40,070	109,570
Agricultural Implements	13	101			36,000	50,000	130,000
Bakeries	22	18			25,749	309,851	309,851
Blacksmithing	15	4,935	1,027	447	15,420	8,890	38,700
							\$5,200,486

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INDUSTRY.	No. of Factories or Workshops.	EMPLOYEES.			Yearly Wages.	Value of Raw Material.	Value of Articles Produced.
		Men.	Women.	Boys.			
Button Making	1	1			\$ 300	\$ 500	1,000
Car and Locomotive Works	1	439		25	217,154	70,349	287,503
Carpet Making	2	3		1	1,477	500	2,440
Coffee and Spice Mills	1			4	1,477	27,000	39,000
Cork Cutting	1	28			4,728	60	1,600
Cotton Factory	1	28	45	6	25,000	100,000	145,000
Fittings and Foundry Working	10	305		20	157,060	297,800	522,140
Fire-proof Safe Making	1	1			2,500	2,000	6,000
Glue Making	4	218		76	111,300	117,200	295,000
Indian Wares	1	12			1,200	1,000	8,000
Iron Smelting Furnace	1	40			3,000	4,000	10,000
Lamp and Chandelier Making	1	26		3	12,000	5,000	18,000
Mattress Making	2	2			700	100,000	150,000
Nail and Tack Factory	1	35		15	25,000	2,500	4,000
Native Wine Making	1	3			3,000	10,000	13,940
Paper Bag and Box Making	2	4		5	1,900	100	500
Plaster and Stucco Work	1	1			100,000	250,000	400,000
Rolling Mills	1	206		25	120,168	107,112	301,236
Sawing and Planing	1	310		32	81,700	81,700	121,500
Sewing Machine Works	65	4	128		5,000	10,000	15,000
Manufacture of Shaving Materials	1	4		3	3,200	40,000	54,000
Vinegar Factories	2	4			10,900	26,800	5,000
Whip Factories	4	40		23	1,300	36,000	40,000
Window Shade Factory	1	1			6,000	5,000	10,000
Butter Factory	1	15			12,710	25,880	42,600
Straw Working	1	1			1,000	500	2,000
Trunk and Box Making	6	32		6	7,000	37,000	70,000
Wig Making	1	18		2	15,250	25,400	25,400
Patent Machines	2	18		5	13,000	18,000	48,000
Medical Instrument Making	3	23		3	5,300	18,000	30,000
Paper Factory	1	6			4,500	10,000	10,000
Hosiery	4	6		20	5,800	40,650	50,650
Gas Works	1	24			9,000	18,000	2,950
Gold and Silver Smithing	2	2			1,000	800	4,200
Gun Making	2	6			1,730	25,000	58,000
Engine Building	2	50			26,000	25,025	45,600
Engraving and Lithographing	2	11		2	2,826	3,050	11,400
Aerated Water Manufacture	2	24		2	5,920	5,190	14,900
Carving and Gilding	5	14			2,000	10,000	10,000
Spinning Wheel Making	8	184		44	85,400	191,300	329,150
Wooden Working	1	1			1,100	300	1,600
Woolen Working	3	15		2	6,450	11,360	1,600
Saw Factories	1	1			9,040	72,500	134,500
Dyeing and Scouring	1	1			300	400	6,000
Edge Tool Making	1	6			2,500	58,150	124,900
Miscellaneous Wares	11	79		8	41,320	6,800	13,500
Chemical Products	2	3			7,800	1,950	1,950
Basket Binding	3	10		3	7,500	8,050	18,800
Shut, Door and Blind Factories	5	14			46,400	116,600	197,300
Ship Building	1	8			3,640	1,000	5,200
Ship Building	12	59			24,780	40,700	85,550
Printing and Book Binding	9	153		6	84,905	65,950	217,479
Printing Offices	3	66		3	4,800	18,000	28,600
Pump Making	1	1			23,750	18,850	23,035
Meat Curing	7	36			11,175	8,850	2,000
Painting, Glazing, etc.	1	8			230	230	2,000