



SUPPLEMENT  
TO THE  
**NEW ZEALAND GAZETTE**

OF  
THURSDAY, JANUARY 27, 1887.

Published by Authority.

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WELLINGTON, FRIDAY, JANUARY 28, 1887.

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Registrar-General's Office,  
Wellington, 28th January, 1887.

**F**URTHER results of the census of March last relating to Manufactories, Machines, and Works are published herewith for general information in a series of tables.

WM. R. E. BROWN,  
Registrar-General.

CENSUS, MARCH, 1886.—MANUFACTORIES, MACHINES, WORKS.

TABLE I.—Showing the Number of Manufactories, Works, &c., of the under-mentioned Descriptions, which were in Operation in the several Provincial Districts of New Zealand in March, 1886; with the Number of Hands, Amount of Machine-power employed, the Value of Manufactures for the Year 1885, the Approximate Value of Land, Buildings, Machinery and Plant, and a Comparison with the Industries returned in 1881.

Class.	Order.	Sub-Number.	Manufactories, Works, &c. [Classified according to the Sub-Orders of Class V. (Industrial) of the Occupations of the People.]	Provincial Districts (Number of Industries in)									Total Number of Industries.	Number of Hands employed.			Amount of Power employed (horse-power).	Value of all Materials used or operated upon during 1885. †	Value of all Manufactures or Produce (including repairs) for the Year 1885. ‡	Approximate Value of				Industries returned in 1881.		
				Auckland.	Taranaki.	Hawke's Bay.	Wellington.	Marlborough.	Nelson.	Westland.	Canterbury.	Otago.		Males.	Females.	Total.				Land.	Buildings.	Machinery and Plant.	Total.	Number of Works, &c.	Hands employed.	
																									M.	F.
V.	8	1	*Printing establishments (1) .. ..	28	5	8	23	3	10	6	16	36	135	1,999	108	2,107	H.P. 293	£ 60,268	£ 273,886	£ 79,300	£ 87,907	£ 164,516	£ 331,723	106	1,735	44
		2	Musical-instrument factories .. ..	1	..	..	..	..	..	..	..	2	3	7	..	7	..	730	800	2,000	330	3,130	1	3	..	
V.	8	8	Cartridge factory .. ..	1	..	..	..	..	..	..	..	..	1	7	14	21	7	..	..	..	..	..	..	..	..	..
		9	Machines, tools, implements— *Agricultural-implem manufactories	3	..	1	..	..	1	..	7	5	17	336	..	336	142	24,822	111,823	19,126	14,000	17,079	50,205	23	315	..
		10	Machinists and millwrights .. ..	5	..	..	..	..	..	..	..	5	5	90	..	90	28	4,850	14,840	4,500	5,550	5,770	15,820	8	90	..
		11	Carriages and harness— *Coach-building and painting works (2)	15	3	4	15	2	5	2	26	17	89	662	2	664	105	37,617	128,346	42,615	39,725	23,898	106,238	49	387	..
		11	Ships and boats— *Ship- and boat-building works (3)	31	..	1	5	2	3	..	5	6	53	172	..	172	47	21,471	56,132	7,921	3,683	5,490	17,094	25	100	..
			Block and pump manufactories .. ..	1	..	..	..	..	..	..	..	..	1	2	..	2	6	..	..	..	..	..	..	3	6	..
			Patent slips .. ..	..	..	..	1	..	..	..	2	1	4	15	..	15	86	1,400	3,100	1,750	3,125	28,520	33,395	4	31	..
		13	Furniture— *Furniture manufactories (4) .. ..	21	4	7	9	3	1	2	11	17	75	654	53	707	91	64,559	162,375	38,390	45,410	9,232	93,032	45	438	28
			Chair and wash-board manufactories ..	4	..	..	..	..	..	..	..	4	4	11	..	11	12	470	1,590	900	475	1,620	2,995	3	8	..
			Bellows-making manufactories .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	5	..
			Blind, Venetian, manufactories .. ..	1	..	..	3	..	..	..	1	2	7	39	..	39	21	2,723	6,470	3,400	3,050	1,500	7,950	..	..	..
		14	Chemicals— Baking-powder manufactories .. ..	2	..	..	..	..	..	..	..	2	2	6	3	9	..	3,000	4,120	1,200	1,050	150	2,400	..	..	..
			Chemical works .. ..	2	..	..	..	..	..	..	2	2	6	56	..	56	54	19,151	34,283	4,937	15,590	9,882	30,409	2	12	..
			Cleaning and dyeing works .. ..	2	..	..	1	..	1	..	1	5	10	21	12	33	3	325	4,510	2,080	3,400	670	6,150	10	16	10
			Fire-kindlers, manufacture of .. ..	1	..	..	..	..	..	..	..	..	1	3	1	4	..	..	..	..	..	..	..	..	..	..
			Hematite-paint factories .. ..	3	..	..	..	..	2	..	..	5	5	18	1	19	44	600	2,178	2,450	735	1,990	5,175	2	4	..
			Ointment, manufacture of .. ..	1	..	..	..	..	..	..	..	..	1	2	3	5	..	..	..	..	..	..	..	..	..	..
			Perfumery, manufacture of .. ..	1	..	..	..	..	..	..	..	..	1	2	2	4	..	..	..	..	..	..	..	..	..	..
V.	9	1	Textile fabrics— *Woolen mills .. ..	..	..	..	..	..	..	..	3	3	6	478	389	867	438	67,675	194,311	9,620	60,800	132,859	203,279	4	193	224
			Ornamental-silk factory .. ..	1	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	1	1	..
		2	Dress— *Boot factories .. ..	15	..	..	5	..	..	..	6	16	42	1,294	360	1,654	32	150,417	276,725	24,025	31,099	15,811	70,935	31	956	343
			*Clothing factories (5) .. ..	4	..	..	1	..	..	..	2	4	11	264	1,005	1,269	10	100,580	237,781	16,400	15,400	5,730	37,530	8	222	534
			Hat and cap factories (6) .. ..	1	..	..	2	..	..	..	2	3	8	46	72	118	..	6,622	13,695	9,330	4,435	1,025	14,790	8	34	24
			Oilskin manufactories (with sails) (7)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	11	8
			Stocking-weaving manufactories .. ..	1	..	..	..	..	..	..	..	4	5	5	163	168	..	2,650	6,200	1,350	1,600	950	3,900	2	..	2
			Fibrous materials— *Flax-mills .. ..	14	..	..	1	7	2	..	4	2	30	247	2	249	273	6,125	20,059	7,086	3,990	6,940	18,016	40	277	7
			*Rope- and twine-works .. ..	6	2	2	3	..	1	..	5	2	21	242	..	242	163	34,496	56,413	6,423	15,400	27,998	49,821	18	122	2
			Sail factories (also oilskins) .. ..	10	..	..	8	..	1	2	2	9	32	74	44	118	..	11,067	25,574	6,655	8,035	680	15,370	13	36	1
V.	10	1	Animal food— Bacon-curing establishments (8) .. ..	2	..	1	2	..	..	..	15	17	37	131	6	137	6	12,473	58,799	13,340	11,024	2,345	26,709	20	61	3
			*Cheese and butter factories (9) .. ..	16	1	1	6	..	..	..	3	9	36	91	19	110	147	23,145	43,094	9,517	20,261	17,735	47,513	..	..	..



CENSUS, MARCH, 1886.—MANUFACTORIES, MACHINES, WORKS.

TABLE I.—Showing the Number of Manufactories, Works, &c., of the under-mentioned Descriptions, which were in Operation in the several Provincial Districts of New Zealand in March, 1886; with the Number of Hands, Amount of Machine-power employed, the Value of Manufactures for the Year 1885, the Approximate Value of Land, Buildings, Machinery and Plant, and a Comparison with the Industries returned in 1881—*continued*.

Class.	Order.	Sub-Number.	Manufactories, Works, &c. [Classified according to the Sub-Orders of Class V. (Industrial) of the Occupations of the People].	Provincial Districts (Number of Industries in)								Total Number of Industries.	Number of Hands employed.			Amount of Power employed (horse-power).	Value of all Materials used or operated upon during 1885; †	Value of all Manufactures or Productions (including repairs) for the Year 1885; ‡	Approximate Value of				Industries returned in 1881.			
				Auckland.	Taranaki.	Hawke's Bay.	Wellington.	Marlborough.	Nelson.	Westland.	Canterbury.		Otago.	Males.	Females.				Total.	Land.	Buildings.	Machinery and Plant.	Total.	Number of Works, &c.	Hands employed.	
				M.	F.	Total.								M.	F.											
V.	12	2	Coal—																							
			*Collieries (1) .. .. .	7	..	..	..	..	11	..	9	52	79	1,448	..	1,448	1,038	..	255,326	..	..	148,773	148,773	51	992	..
			Gasworks .. .. .	4	1	1	2	1	1	2	4	4	20	344	..	344	111	64,653	194,653	73,626	134,450	448,329	656,405	17	188	..
		3	Stone, clay, and earthenware—																							
			*Brick, tile, and pottery manufactories (2) .. .. .	29	3	9	23	2	5	..	16	39	126	594	4	598	539	..	91,797	66,363	34,916	50,132	151,411	127	666	19
			Glass manufactory .. .. .	1	..	..	..	..	..	..	..	..	1	4	..	4	..	..	..	..	..	..	..	1	..	..
			Limeworks (3) .. .. .	8	..	2	2	1	2	1	..	8	24	80	..	80	62	8,815	16,928	10,970	14,000	8,320	33,290	23	63	..
			Stone quarries (building) (4) .. .. .	5	..	..	..	..	..	..	2	7	14	196	..	196	93	2,000	19,217	3,420	2,330	7,816	13,566	10	136	..
		5	Precious-stone-cutting work .. .. .	1	..	..	..	..	..	..	..	..	1	2	..	2	3	..	..	..	..	..	..	..	..	..
V.	12	6	Metals—																							
			Barbed-wire manufactories .. .. .	..	..	..	..	..	..	..	2	..	2	43	..	43	5	7,000	9,700	1,400	400	2,050	3,850	..	..	..
			Boiler-making works .. .. .	2	..	..	..	..	..	..	..	..	2	13	..	13	10	833	2,340	1,580	400	600	2,580	..	..	..
			Cycle manufactories .. .. .	..	..	..	..	..	..	..	2	..	2	8	..	8	..	175	1,301	500	172	365	1,037	..	..	..
			Heel- and toe-plate manufactories (5) .. .. .	2	..	..	..	..	..	..	..	1	3	17	..	17	18	850	2,410	330	270	450	1,050	..	..	..
			*Iron and brass foundries (6) .. .. .	13	..	2	8	..	2	2	11	20	58	1,748	2	1,750	627	97,438	351,739	67,658	53,218	119,062	239,938	35	952	1
			Mining (antimony) works .. .. .	..	..	..	..	1	..	..	..	..	1	35	..	35	25	..	..	..	..	..	..	..	..	..
			Mining (copper) works .. .. .	..	..	..	..	..	1	..	..	..	1	100	..	100	18	..	..	..	..	..	..	..	..	..
			Mining (manganese) works .. .. .	1	..	..	..	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	..	..	2	19
			*Quartz-mining (gold) works .. .. .	32	..	..	1	45	1	..	22	101	1,156	..	1,156	1,729	..	374,837	..	..	211,021	211,021	84	1,147	..	
			*Hydraulic gold-mining .. .. .	..	..	..	1	14	5	..	104	124	617	..	617	891	..	74,190	..	..	224,787	224,787	..	..	..	
			Pyrites-saving machine .. .. .	..	..	..	..	..	..	..	1	..	1	7	..	7	..	30	..	..	..	..	..	..	..	
			Spouting and ridging manufactories (7) .. .. .	2	..	..	2	..	..	..	6	10	70	..	70	13	20,250	25,478	2,850	3,170	4,650	10,670	9	20	..	
			Tinware manufactories .. .. .	1	..	1	..	..	..	..	..	..	3	40	..	40	..	5,400	8,500	2,000	1,500	1,570	5,070	..	..	..
			Totals, Census 1886 .. .. .	508	52	100	254	73	202	52	340	687	2,268	23,161	2,494	25,655	19,315	..	7,436,649	(8) 1,481,416	(8) 1,448,412	(8) 2,767,289	(8) 5,697,117	..	..	..
			Totals, Census 1881 .. .. .	366	43	71	189	72	142	40	296	424	1,643	16,599	1,339	17,938	13,601	..	Not obtained	(9) 1,993,330	(9) 1,612,141	(9) 3,605,471	..	..	..	
			Totals, Census 1878 .. .. .	278	29	41	137	54	134	51	243	304	1,271	13,728	449	14,177	..	..	Not obtained	(9) 1,761,694	(9) 1,289,378	(9) 3,051,072	..	..	..	

\* For full particulars respecting this industry, including value of manufactures or productions, see special table, *post*. † The contents of this column can only be regarded as very roughly approximate. ‡ For information as to quantities manufactured or produced, see special tables, pp. 175-186, and the final note to this table.

(1) Value of plant not stated in three cases. (2) One in connection with coal-mine. (3) One in connection with paint factory. Value of land and plant not stated in two cases. (4) Value of produce not stated in one case. (5) One in connection with iron foundry. (6) Two in connection with other industries. Value of manufactures not stated in one case. (7) Value of manufactures not stated in one case. (8) These totals represent the full amounts for all the above-specified industries (excepting that the value of lands used for mining is not included, and that the values of Crown lands have been omitted throughout). They are in excess of the separate details if added together, as the values are not given when the number of any particular industry is so small that the particulars of that industry would be identified. (9) The value of buildings, machinery, and plant connected with flax-mills and quartz-crushing works not returned in 1881 or 1878.

NOTE.—At some establishments two or more distinct industries were carried on. In such cases *each* industry has been counted for the purposes of the above table, but, if the particulars of power, hands, and plant employed were not separately shown in any return, the whole have been treated as belonging to the most important work.

The following information is supplied as to quantities of manufactures or productions in case of certain industries for which no special tables have been considered necessary:—

Musical-instrument factories: 5 pianos, 6 harmoniums.

Machinists and millwrights: Engines, value £2,285; saw-mill machinery, value £4,196; bone-mill machinery, value £750; quartz-crushing machinery, value £1,250.

Blind-works (Venetian): 4,953 number of blinds, 9 revolving shutters.

Chemical works: 292 tons sulphuric acid, 2 tons nitric acid, 14 tons muriatic acid, 424 tons superphosphate of lime, 1,850 tons artificial manures and bonedust, and various, besides £12,820 in value.

Hematite paint: 109 tons.

Hat and cap factories: 18,933 dozen hats and caps. In one important case quantity manufactured not given.

Hosiery factories: 8,635 dozen pairs socks and stockings, and 400 jerseys.

Sail, tent, and oilskin manufacture: 180 sails, 2,273 tents and flies, 10,248 oilskins, 5,348 horse-covers, 764 rick-cloth and tarpaulins, 1,000 yards hydraulic hose, besides £128 in value.

Biscuit factories: 1,694 tons biscuits and various.

Confectionery-works: 435 tons confectionery, besides £400 in value.

Coffee- and spice-works: 230 tons coffee, 374 tons chicory, 135 tons pepper and spices, 220 tons various, besides £90 in value.

Colonial wine-making: 6,260 gallons wine.

Sauce- and pickle-making: 10,293 dozen pints sauces, 550 dozen pints pickles.

Bone-mills: 1,033 tons bonedust, besides various £767 in value.

Brush manufactories: 385 dozen brushes, 6,224 dozen brooms, besides £1,877 in value.

Basket and perambulator manufactories; 3,713 baskets, 1,845 perambulators.

Chaff-cutting works: 11,636 tons chaff cut.

Cooperages: 11,409 casks and tierces, 20,900 kegs and firkins, 2,000 buckets and tubs, 413 churns, and 5,490 miscellaneous articles.

Paper-mills: 440 tons paper.

Gasworks: 403,276,900 cubic feet gas, 7,097 tons coke, 179,582 gallons tar, besides other residuals, £4,359 in value.

Limekilns: 266,445 bushels lime, 4,000 bushels Portland cement.

Stone quarries: 387,909 feet building stone, 2,018,186 feet rubble, &c.

Heel- and toe-plate manufactories: 4,374 gross heel- and toe-plates.

MANUFACTORIES, MACHINES, WORKS.

TABLE II.—General Summary of certain Manufactories, Works, &c. (specified in the preceding Table I.), in Operation in the several Provincial Districts of New Zealand in the Month of March, 1886, with the Number of Hands, the Nature and Amount of Power employed, and the Value of Manufactures for the Year 1885; also the Approximate Value of the Land, Buildings, and Machinery and Plant.

—	Number of Industries, Works, &c.	Number of Hands employed.		Industries classified according to Machine-power employed.													Amount of Horse-power.	Value of Manufactures, &c. (including Repairs), for the Year 1885.	Approximate Value of			Total Value of Land, Buildings, Machinery, and Plant.	
		M.	F.	Steam.	Steam and Gas.	Steam and Water.	Steam and Wind.	Steam, Water, Compr'd Air, and Electr'y.	Water.	Water, Steam, and Gas.	Water and Gas.	Wind.	Wind and Gas.	Gas.	Compress'd Air.	Horse.			Manual and Un-specified.	Land.	Buildings.		Machinery and Plant.
Auckland .. ..	508	5,985	486	187	3	4	..	..	51	1	2	1	..	20	..	19	220	5,190	£ 2,086,576	£ 478,950	£ 379,656	£ 756,310	£ 1,614,916
Taranaki .. ..	52	403	17	15	..	..	..	..	10	..	..	2	..	..	..	4	21	720	£ 120,370	£ 91,715	£ 37,896	£ 44,737	£ 174,348
Hawke's Bay .. ..	100	941	10	43	2	1	..	..	6	..	..	..	..	6	..	6	36	875	£ 326,078	£ 63,745	£ 50,802	£ 95,537	£ 210,084
Wellington .. ..	254	2,886	189	123	1	3	..	..	26	..	2	..	..	3	..	18	78	2,170	£ 921,525	£ 240,938	£ 148,778	£ 333,647	£ 723,363
Marlborough .. ..	73	533	7	24	..	1	1	..	9	..	..	..	..	1	..	4	33	540	£ 97,134	£ 24,496	£ 23,440	£ 40,990	£ 88,926
Nelson .. ..	202	2,038	26	88	..	..	..	..	48	..	..	1	..	2	..	3	60	1,844	£ 400,298	£ 73,926	£ 45,314	£ 271,459	£ 390,699
Westland .. ..	52	377	3	20	..	1	..	..	8	..	..	1	1	3	..	1	17	734	£ 92,162	£ 7,497	£ 11,735	£ 197,795	£ 217,027
Canterbury .. ..	340	3,676	638	139	2	1	..	..	29	..	2	1	..	14	..	14	138	2,300	£ 1,434,108	£ 271,228	£ 282,328	£ 381,109	£ 934,665
Otago .. ..	687	6,322	1,118	176	..	7	..	1	94	..	..	1	..	17	1	49	341	4,942	£ 1,958,398	£ 228,921	£ 468,463	£ 645,705	£ 1,343,089
Totals, Census 1886	2,268	23,161	2,494	815	8	18	1	1	281	1	6	7	1	66	1	118	944	19,315	£ 7,436,649	£ 1,481,416	£ 1,448,412	£ 2,767,289	£ 5,697,117
Totals, Census 1881	1,643	16,599	1,339	568	1	21	3	..	221	..	..	4	..	32	..	139	654	13,601	..	£ 1,993,330	..	£ 1,612,141	£ 3,605,117
Totals, Census 1878	1,271	13,728	449	438	..	26	3	..	175	..	..	1	..	..	..	97	531	9,583	..	£ 1,761,694	..	£ 1,289,378	£ 3,051,072

PRINTING ESTABLISHMENTS.

TABLE III.—Showing the Number of Printing Establishments in New Zealand in Operation in March, 1886, the Hands and Power employed, the Value of the Production for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Establishments.	Number of Hands employed.		Machine-power used.						Amount of Horse-power.	Total Value of Production.	Approximate Value of			
		M.	F.	Steam.	Water.	Water and Gas.	Steam, Water, and Gas.	Gas.	Gas and Steam.			Hand.	Land.	Buildings.	Machinery and Plant.
Auckland <sup>(1)</sup> .. ..	28	351	40	..	4	..	1	4	1	18	75	£ 88,790	£ 13,875	£ 19,020	£ 28,300
Taranaki <sup>(2)</sup> .. ..	5	71	..	..	3	..	..	..	..	4	4	£ 3,005	£ 1,640	£ 1,500	£ 4,100
Hawke's Bay <sup>(3)</sup> .. ..	8	104	1	..	..	..	..	4	..	2	9	£ 10,605	£ 3,950	£ 2,550	£ 9,250
Wellington <sup>(4)</sup> .. ..	23	384	19	3	7	1	..	2	1	9	59	£ 40,192	£ 24,960	£ 15,120	£ 30,718
Marlborough <sup>(5)</sup> .. ..	3	28	3	1	..	..	..	..	..	2	3	£ 3,850	£ 1,320	£ 1,150	£ 1,770
Nelson <sup>(6)</sup> .. ..	10	73	1	1	..	..	..	1	..	8	5	£ 2,800	£ 1,705	£ 1,720	£ 9,870
Westland .. ..	6	56	..	1	..	..	..	3	..	2	6	£ 15,250	£ 1,130	£ 1,140	£ 5,970
Canterbury <sup>(7)</sup> .. ..	16	389	18	1	2	1	..	4	2	6	42	£ 32,955	£ 19,195	£ 23,096	£ 32,115
Otago <sup>(8)</sup> .. ..	36	543	26	4	7	..	..	9	..	16	90	£ 76,439	£ 11,525	£ 22,611	£ 42,423
Totals .. ..	135	1,999	108	11	23	2	1	27	4	67	293	£ 273,886	£ 79,300	£ 87,907	£ 164,516
Totals, Census 1881 .. ..	106	1,735	44	15	13	..	..	19	1	58	150	..	£ 99,449	..	£ 129,717

(1) Two recently started. (2) Value of production not given in three cases employing 53 hands; value of materials not stated in four cases. (3) Value of production not given in four cases employing 32 hands; value of materials not stated in three cases. (4) Value of production not given in seven cases; one not in operation in 1885, and one in operation only one month. (5) Value of materials not given in one case. (6) In four cases value of production not stated, and in one case value of land, buildings, and plant not stated. (7) Value of production not stated in five cases. (8) One not in operation in 1885, two for six months only; in two cases value of production not given; in five cases value of land and buildings not stated.  
NOTE.—Value of materials operated upon, £60,268 (roughly approximate).

AGRICULTURAL-IMPLEMENT MANUFACTORIES.

TABLE IV.—Showing the Number of Agricultural-implement Manufactories in New Zealand in Operation in March, 1886, the Hands and Power employed, the Quantity and Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.		Manufactures for the Year 1885.											Approximate Value of		
		Males.	Females.	Steam.	Hand.	Amount of Horse-power.	Ploughs.	Harrow.	Seed-sowers.	Chaff-cutters.	Binders.	Drays.	Fencing Standards.	Stamp-extractors, Grubbers, Rollers, &c.	Value of Manufactures for the Year 1885 (including Repairs).	Land.	Buildings.	Machinery and Plant.	
																			No.
Auckland ..	3	16	2	1	15	128	21	2	..	..	..	..	38	3,400	£ 456	£ 360	£ 1,044		
Hawke's Bay and Nelson	2	10	1	1	4	..	6	7	..	..	..	..	5	3,491	1,200	550	440		
Canterbury ..	7	152	7	..	60	39	136	9	11	..	36	50	16	39,480	12,270	5,780	8,105		
Otago ..	5	158	4	1	63	424	378	89	60	30	25	50	16	65,452	5,200	7,310	7,490		
Totals ..	17	336	14	3	142	591	541	107	71	30	61	100	75	111,823	19,126	14,000	17,079		
Totals, Census 1881	23	315	..	..	..	..	..	..	..	..	..	..	..	..	27,582	..	16,272		

NOTE.—The value of the materials used was returned as £24,822 (roughly approximate).

COACH-BUILDING.

TABLE V.—Showing the Number of Coach-building Establishments in New Zealand in Operation in March, 1886, the Hands and Power employed, the Number and Descriptions of Vehicles built, and the Value of all Manufactures (including Repairs) for the Year 1885; also the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.				Amount of Horse-power.	Manufactures for the Year 1885.*							Total Value of all Manufactures (including Repairs).	Approximate Value of		
		M.	F.	Steam.	Water.	Gas.	Hand.		Buggies, Carriages, Dogcarts, Phaetons.	Coaches.	Drays and Wagons.	Expresses.	Springcarts.	Other and Undescribed Vehicles.	Land.		Buildings.	Machinery and Plant.	
																			No.
Auckland ..	15	154	1	1	..	..	14	15	30	2	59	..	55	249	33,445	11,820	9,270	6,460	
Taranaki ..	3	16	..	..	..	..	3	..	2	..	3	..	9	13	2,780	450	950	670	
Hawke's Bay ..	4	46	..	..	..	..	4	..	38	2	31	15	29	57	10,632	3,180	1,930	950	
Wellington ..	15	118	1	2	..	..	13	11	53	..	39	7	37	122	22,597	4,085	4,155	3,580	
Marlborough ..	2	13	..	..	..	..	2	..	7	..	11	5	11	7	2,348	1,200	1,850	660	
Nelson ..	5	32	..	..	1	..	4	3	24	1	13	2	10	39	5,062	2,210	1,525	340	
Westland ..	2	14	..	..	..	..	2	..	1	3	20	2	4	..	2,173	200	150	150	
Canterbury ..	26	159	..	6	..	1	19	47	86	..	26	..	84	87	30,783	13,765	15,400	7,651	
Otago ..	17	110	..	3	..	..	14	29	91	1	58	7	53	50	18,526	5,705	4,495	3,437	
Totals ..	89	662	2	12	1	1	75	105	332	9	260	38	292	624	128,346*	42,615	39,725	23,898	
Totals, Census 1881	49	387	..	..	..	..	..	..	..	..	..	..	..	..	..	35,570	..	10,760	

\* The sum £128,346 represents the total value of all manufactures (including repairs), but the numbers of carriages, &c., stated are not the full number of vehicles built, as in several cases the values only of the manufactures for the year have been given.

NOTE.—Value of materials operated upon, £37,617 (roughly approximate).

SHIP- AND BOAT-BUILDING.

TABLE VI.—Showing the Number of Ship- and Boat-building Yards in Operation in March, 1886, the Number and Value of Vessels and Boats built during the Year 1885, the Value of Materials used, the Value of Repairs executed, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	No. of Hands employed.		Machine-power used.		Amount of Horse-power.	Number of Vessels built during the Year 1885.					Number of Boats built.	Value of Imported Material used.	Value of Material produced in the Colony.	Value of Labour, &c.	Total Value of Manufactures.†	Total Value of all Repairs.	Approximate Value of		
		M.	F.	Steam.	Hand.		Wood.	Steel.	Wood.	Wood.	Steel.							Land.	Buildings.	Machinery and Plant.
Auckland ..	31*	129	3	28	22	21	..	3	1	..	316	£ 8,543	£ 7,362	£ 14,708	£ 30,613	£ 6,282	£ 6,191	£ 1,973	£ 2,010	
Hawke's Bay ..	1	3	..	1	25	..	1	..	..	..	31	1,773	406	3,480	5,659	1,073	1,370	740	1,650	
Wellington ..	5	14	1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Marlborough ..	2	4	..	2	..	2	..	1	..	..	25	184	602	2,197	2,983	191	300	920	1,750	
Nelson ..	3	8	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Canterbury ..	5	8	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Otago ..	6*	6	..	6	..	1	..	..	..	1	31	1,575	1,026	5,260	7,861	1,470	†60	†50	†80	
Totals ..	53	172	4	49	47	24	1	4	1	1	403	12,075	9,396	25,645	47,116	9,016	7,921	3,683	5,490	
Totals, Census 1881	25	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8,068	..	2,500	

\* One in connection with iron foundry. † In three cases value of land and building not stated. ‡ Evidently the cost price of the construction of the boats and vessels (i.e., the value of materials and labour) has been given in returns for the total value.

WOOLLEN FACTORIES.

TABLE VII.—Showing the Number of Woollen Factories in Operation in March, 1886, the Hands and Power employed, the Quantity and Value of Articles manufactured during the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.				Machine-power used.		Amount of Horse-power.	Wool used in 1885.		Manufacture for the Year 1885.						Approximate Value of			
		Males.		Females.		Steam.	Steam and Water.		Quantity.	Value.	Tweed.	Cloth.	Flannel.	Blankets.	Shawls and Rugs.	Other.	Total Value.	Land.	Buildings.	Machinery and Plant.
		Men.	Boys.	Women.	Girls.															
Auckland.*								lb.	£	yds.	yds.	yds.	Pairs	No.	£	£	£	£		
Wellington.*																				
Canterbury†	3	132	42	86	64	3	..	110	688,000	23,341	209,975	90,900	200	6,050	2,273	Pants, hose, and yarns	60,703	1,420	22,000	45,750
Otago	3	228	76	177	62	2	1	328	1,236,932	44,334	432,593	25,719	254,454	8,308	15,681	Hose and yarns	133,608	8,200	38,800	87,109
Totals	6	360	118	263	126	5	1	438	1,924,932	67,675	642,568	116,619	254,654	14,358	17,954	Pants, hose, and yarns	194,311	9,620	60,800	132,859
Totals, Census 1881	4	193		224		..	..	..	..	..	..	..	..	..	..	..	..	36,000	..	62,500

\* One in course of erection.

† Two mills only started in 1886.

BOOT AND SHOE FACTORIES.

TABLE VIII.—Showing the Number of Boot and Shoe Factories in New Zealand in Operation in March, 1886, the Power and Hands employed, the Quantity and Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.			Amount of Horse-power.	Boots and Shoes made.		Uppers.		Leggings.		Total Value.	Approximate Value of		
		M.	F.	Water.	Gas.	Hand.		No. of Pairs.	Value.	No. of Pairs.	Value.	No. of Pairs.	Value.		Land.	Buildings.	Machinery and Plant.
Auckland	15	371	92	..	2	13	10	234,276	£ 84,839	7,530	£ 2,876	450	£ 150	£ 87,865	£ 10,955	£ 11,769	£ 6,340
Wellington	5	155	45	3	..	2	8	96,825	32,998	..	..	..	..	32,998	1,450	2,250	1,270
Canterbury	6	442	119	..	4	2	11	222,700	107,802	..	..	..	..	107,802	6,100	10,200	4,475
Otago	16	326	104	2	1	13	3	117,060	44,747	8,000	3,313	..	..	48,060	5,520	6,880	3,726
Totals	42	1,294	360	5	7	30	32	670,861	270,386	15,530	6,189	450	150	276,725	24,025	31,099	15,811
Totals, Census 1881	31	956	343	..	..	..	..	..	..	..	..	..	..	..	33,100	..	13,267

NOTE.—Value of materials operated upon, £150,417 (roughly approximate).



CLOTHING FACTORIES.

TABLE IX.—Showing the Number of Clothing Factories in New Zealand in Operation in March, 1886, the Hands and Power employed, the Quantity and Value of Articles manufactured, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	No. of Works.		Number of Hands employed.		Machine-power used.			Amount of Horse-power.	Suits.	Trousers.	Coats.	Shirts.	Meat-bags.	Hose and Half-hose.	Undescribed Value.	Total Value.	Approximate Value of		
	Males.	Females.	Water.	Gas.	Hand.	Land.	Buildings.										Machinery and Plant.		
Auckland and Wellington ..	5	26	19	1	1	3	4	4,470	18,960	220	2,244	56,000	1,600	..	48,656	8,900	6,700	1,505	
Canterbury* and Otago ..	6	238	81	..	1	5	6	285,000	..	..	2,500	..	..	1,200	189,125	7,500	8,700	4,225	
Totals ..	11	264	100	1	2	8	10	289,470	18,960	220	4,744	56,000	1,600	1,200	237,781	16,400	15,400	5,730	

\* One in connection with woollen mill.  
 NOTE.—The value of materials used during 1885 was returned as £100,580 (roughly approximate).

FURNITURE FACTORIES.

TABLE X.—Showing the Number of Furniture Factories in Operation in March, 1886, the Hands and Power employed, the Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.				Amount of Horse-power.	Value of Manufactures for the Year 1885.	Approximate Value of			
		Males.	Females.	Steam.	Water.	Gas.	Hand.			Land.	Buildings.	Machinery and Plant.	
Auckland ..	21*	169	13	..	1	..	3	15	37	£ 32,455	£ 14,125	£ 14,200	£ 3,555
Taranaki ..	4†	13	1	..	..	..	..	4	..	1,560	700	900	110
Hawke's Bay ..	7	56	5	..	..	..	..	5	4	16,960	1,950	2,700	540
Wellington ..	9	81	6	..	..	..	..	8	4	25,590	6,475	4,655	1,080
Marlborough ..	3	17	1	..	..	..	..	3	..	3,600	2,500	1,100	90
Nelson ..	1	12	1	..	..	..	..	..	2	1,435	800	1,425	106
Westland ..	2	3	..	..	..	..	..	1	5	..	..	..	..
Canterbury ..	11	116	14	..	..	..	..	8	24	30,100	7,930	5,650	1,725
Otago ..	17†	187	12	..	..	..	..	15	15	50,675	3,910	14,780	2,026
Totals ..	75	654	53	8	4	4	59	91	162,375	38,390	45,410	9,232	
Totals, Census 1881	45	438	28	..	..	..	..	..	..	71,415	..	4,512	

\* One not in operation in 1885. Value of materials operated upon not given in twelve cases. † Value of materials not stated in two cases. Value of land, buildings, and plant not stated in one case. ‡ One in connection with saw-mill; one with boot factory. Value of materials not given in four cases.  
 NOTE.—Value of materials operated upon, £64,559 (roughly approximate).

CHEESE AND BUTTER FACTORIES.

TABLE XI.—Showing the Number of Dairy Factories in New Zealand in Operation in March, 1886, the Hands and Power employed, the Quantity and Value of the Produce for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Factories.		Number of Hands employed.		Machine-power used.		Amount of Horse-power.	Cheese.		Butter.		Bacon.		Total Value of all Produce.	Approximate Value of		
	M.	F.	Steam.	Hand.	Quantity.	Value.		Quantity.	Value.	Quantity.	Value.	Land.	Buildings.		Machinery and Plant.		
	Tons.	£	lb.	£	Tons.	£		£	£	£	£	£	£		£		
Auckland ..	16*	39	5	13	3	64	254	11,730	264,320	1,187	9	602	13,519	5,440	7,201	7,576	
Taranaki ..	1	2	..	1	..	8	..	..	..	..	..	..	2,269	320	1,110	1,180	
Hawke's Bay ..	1	3	..	1	..	3	50	2,269	..	..	..	..	..	..	..	..	
Wellington ..	6	12	2	5	1	19	151	7,388	3,360	90	..	..	7,478	394	1,838	3,666	
Canterbury ..	3	9	3	3	..	24	125	6,346	..	..	..	..	6,346	851	4,747	1,600	
Otago ..	9†	26	9	7	2	29	243	12,810	6,937	372	7	300	13,482	2,512	5,365	3,713	
Totals ..	36	91	19	30	6	147	823	40,543	274,617	1,649	16	902	43,094	9,517	20,261	17,735	

\* Three not in operation in 1885, and one in connection with meat-freezing. † One working for only two months.  
 NOTE.—Bacon-curing was carried on at 37 establishments not connected with dairy factories, having 137 hands employed. 1,091 tons of bacon and hams were cured in 1885, valued at £58,087; other produce, £712. The approximate value of land and buildings was £24,364, and of plant, £2,435.  
 The value of materials operated upon at the dairy factories given above was returned as £23,145 (roughly approximate).

FLAX-MILLS.

TABLE XII.—Showing the Number of Flax-mills in Operation in the Month of March, 1886; with the Number of Machines used, the Number of Hands and Power employed, and the Quantity of Flax manufactured, during the Year 1885.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.				Amount of Horse-power.	Number of Machines used.	By whom patented.					Raw Material.		Phormium, dressed.		Approximate Value of			
		M.	F.	Steam.	Water.	Steam and Water.	Hand.			Price.	Gibbons.	Anderson.	Dougall.	Not stated.	Tons	£	Tons	£	£	£	£	
Auckland*	14	61	1	2	12	..	..	98	15	10	2	..	1	2	Tons 1,720	£ 1,091	Tons 217	£ 3,240	£ 1,495	£ 995	£ 1,545	
Wellington	1	30	..	1	..	..	..	25	5	..	..	..	..	5	4,380	2,596	722	9,484	3,045	1,130	3,950	
Marlborough†	7	89	1	3	4	..	..	80	16	7	..	1	..	8	..	..	..	..	..	..	..	..
Nelson	2	21	..	1	1	..	..	34	2	2	..	..	..	..	1,222	1,232	185	2,900	516	1,350	650	
Canterbury‡	4	36	..	1	2	1	..	28	6	..	..	..	..	6	1,731	1,054	256§	4,130§	1,900	440	715	
Otago	2	10	..	..	1	..	1	8	4	..	..	..	..	4	120	152	17	305	130	75	80	
Totals	30	247	2	8	20	1	1	273	48	19	2	1	1	25	9,173	6,125	1,397	20,059	7,086	3,990	6,940	
Totals, Census 1881	40	277	7	9	37	..	..	329	47	..	..	..	..	..	..	..	1,382‡	..	..	..	..	

\* Five in operation for part of year only. † One not in operation in 1885. ‡ One in operation for part of year only. § Also 10 tons twine, value £300.

ROPE, CORDAGE, AND TWINE WORKS.

TABLE XIII.—Showing the Number of Rope and Twine Works in Operation in the Colony in March, 1886, the Hands and Power employed, the Quantity and Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.					Material used during the Year 1885.						Manufacture for the Year 1885.									Total Value.	Approximate Value of			
		M.	F.	Steam.	Water.	Horse.	Manual or Unspecified.	Amount of Horse-power.	Phormium.		Manilla.		Other Materials.		Phormium.			Manilla Hemp.			Other Materials.				Land.	Buildings.	Machinery and Plant.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Rope.	Twine.	Lines.	Value.	Rope.	Twine.	Value.	Rope.	Twine.	Value.											
		Tons	£	Tons	£	Tons	£	Tons cwt.	Tons cwt.	Tons cwt.	£	Tons	Tons	£	Tons cwt.	Tons cwt.	£											
Auckland	6	116	..	1	..	..	5	45	100	1,750	325	12,350	17	650	70 0	..	22 10	3,242	310	..	20,100	15 0	..	750	24,092	2,510	8,530	19,262
Taranaki	2	2	..	..	1	..	1	14	7	96	..	..	..	..	4 10	1 10	1 0	372	..	..	..	..	..	372	10	15	110	
Hawke's Bay	2	8	..	..	..	..	2	..	18	396	..	..	3	200	14 0	..	3 0	630	..	..	..	2 10	300	930	288	170	50	
Wellington	3	8	..	..	..	1	2	1	20	180	..	..	1	10	6 10	1 3	6 0	559	..	..	..	0 15	20	579	255	325	96	
Nelson	1	3	..	..	1	..	..	9	53	749	65	2,410	39	1,450	35 0	6 0	6 0	1,515	34	30	3,700	5 8	30 0	1,875	7,090	2,260	2,335	5,470
Canterbury	5	72	..	3	2	..	..	59	59	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Otago	2	33	..	1	..	..	1	35	90	1,525	335	12,730	..	..	85 0	..	5 0	2,750	190	145	20,600	..	..	..	23,350	1,100	4,025	3,010
Totals	21	242	..	5	4	1	11	163	288	4,696	725	27,490	60	2,310	215 0	8 13	43 10	9,068	534	175	44,400	20 8	33 5	2,945	56,413	6,423	15,400	27,998
Totals, Census 1881	18	122	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9,735	8,285

NOTE.—Canterbury: One newly started, with 40 tons imported flax, value £1,200, for making into binding-twine; machinery in course of erection.

FISH CURING AND PRESERVING.

TABLE XIV.—Showing the Number of Fish Curing and Preserving Establishments in New Zealand in Operation in March, 1886, the Hands employed, the Quantity and Value of the Produce for 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	No. of Works.	Number of Hands employed.		Fish cured.		Fish tinned.		Total Value.	Approximate Value of		
		M.	F.	Quantity.	Value.	Quantity.	Value.		Land.	Buildings.	Machinery and Plant.
Auckland ..	6*	29	..	lb. 572,800	£ 1,476	lb. 80,350	£ 1,732	£ 3,208	£ 1,860	£ 1,162	£ 541
Marlborough ..	3	14	I	134,120	1,895	..	..	1,895	200	880	245
Westland ..	I	I	..	787,760	6,174	84,200	905	7,079	600	1,569	1,089
Otago ..	11	76	..								
Totals ..	21	120	I	1,494,680	9,545	164,550	2,637	12,182	2,660	3,611	1,875
Totals, Census 1881	14	64	4	..	..	..	..	..	2,655		905

\* One in connection with meat-preserving works, and one in operation for part of year only.  
 NOTE.—The value of materials used was returned as £2,457 (roughly approximate).

MALTHOUSES.

TABLE XV.—Showing the Number of Malthouses in New Zealand in Operation in March, 1886, the Number of Hands employed, the Quantity and Value of Malt made, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	No. of Works.	Number of Hands employed.	Motive-power employed.				Horse-power.	Barley malted.		Approximate Value of		
			M.	Steam.	Wind.	Gas.		Hand.	Quantity.	Value.	Land.	Buildings.
Auckland ..	2*	11	..	I	I	..	7	Bushels. 38,600	£ 8,185	£ 1,100	£ 11,000	£ 550
Wellington ..	3†	4	..	..	..	3	..	16,000	4,000	400	2,300	50
Marlborough ..	2	3	..	..	..	2	..	20,209	4,800	120	2,100	40
Nelson ..	5‡	15	..	..	..	5	..	87,600	22,185	9,125	6,375	2,100
Canterbury ..	11§	27	..	..	..	11	..	124,305	29,300	5,200	9,315	170
Otago ..	12	25	I	..	..	11	5	103,586	27,545	2,680	7,225	450
Totals ..	35	85	I	I	I	32	12	390,300	96,015	18,625	38,315	3,360
Totals, Census 1881	34	67	..	..	..	..	..	..	..	47,850		666

\* Value of materials not stated in two cases. † Value of materials not stated in one case. ‡ One in connection with brewery. § Four in connection with breweries. || Five in connection with breweries; one in operation for six months only.  
 NOTE.—The value of the materials operated upon was returned as £51,515 (roughly approximate).

COLLIERIES.

TABLE XVI.—Showing the Number of Collieries in New Zealand in Operation in March, 1886, the Hands and Power employed, the Produce for the Year 1885, and Approximate Value of Machinery and Plant.

Provincial Districts.	Number of Works.	No. of Hands employed.	Machine-power used.						Amount of Horse-power.	Description of Coal.					Tons.	Value.	Approximate Value of Machinery and Plant.
			M.	Steam.	Water.	Wind.	Compressed Air.	Horse.		Manual or Unspecified.	Brown.	Pitch.	Lignite.	Bituminous.			
Auckland ..	7*	281	6	..	..	..	..	I	310	5	..	I	I	..	111,801	£ 56,080	£ 27,435
Nelson ..	11	660	8	..	..	..	..	I	2	353	..	..	2	9	218,389	123,463	68,925
Canterbury ..	9†	102	2	..	..	..	..	2	5	55	6	..	I	I	22,357	11,435	10,165
Otago ..	52‡	405	8	5	I	I	4	33	320	13	8	31	..	..	128,811	64,348	42,248
Totals ..	79	1,448	24	5	I	I	7	41	1,098	24	8	35	11	I	481,358	255,326	148,773
Totals, Census 1881	51	992	12	3	I	..	12	23	484	..	..	..	..	..	277,918	..	121,079

\* One in operation part of year only. † Also 1,860 tons coke, value £2,000. ‡ Four for part of year only; value of plant not stated in three cases. § Four not in operation in 1885, and five for part of year only.

## GRAIN-MILLS.

TABLE XVII.—Showing the Number of Mills for grinding and dressing Grain in Operation in New Zealand in March, 1886; with the Nature and Amount of the Power employed, the Quantity and Value of Grain operated upon, the Quantity and Value of Flour and Meal produced during the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Mills.	Number of Hands employed.		Motive-power employed.						Amount of Horse-power.	Number of Pairs of Stones.	Grain operated upon during the Year 1885.			Produce for the Year 1885.			Approximate Value of		
		Males.		Steam.	Steam and Water.	Water.	Wind.	Gas and Water.	Steam and Wind.			Wheat.	Other Grain.	Value.	Flour.	Meal.	Value.	Land.	Buildings.	Machinery and Plant.
Auckland .. .. .	15 <sup>(1)</sup>	80	9	1	5	..	..	..	486	38*	442,475	2,500	84,319	10,275	2,203	118,625	29,285	23,260	24,090	
Taranaki .. .. .	5 <sup>(2)</sup>	7	1	..	4	..	..	..	70	12	36,365	2,952	5,811	923	143	6,992	1,510	3,250	2,150	
Hawke's Bay .. .. .	4 <sup>(3)</sup>	7	2	..	2	..	..	..	37	5	26,510	..	4,260	560	..	4,460	1,130	950	2,650	
Wellington .. .. .	14	29	7	1	6	..	..	..	174	29	178,723	5,066	29,385	3,724	628	40,269	4,150	8,120	10,550	
Marlborough .. .. .	3	7	1	..	2	..	..	..	69	8	41,986	1,988	7,550	1,023	53	10,150	1,750	2,550	2,950	
Nelson .. .. .	8 <sup>(4)</sup>	15	5	..	3	..	..	..	98	15	47,124	5,016	7,833	999	167	10,150	2,060	3,400	3,800	
Canterbury .. .. .	32 <sup>(5)</sup>	140	8	..	22	1	1	..	466	88†	1,306,405	187,931	211,318	27,722	9,515	275,340	19,485	35,505	35,985	
Otago .. .. .	40 <sup>(6)</sup>	163	14	4	22	..	..	..	740	129	1,305,444	429,425	240,762	28,999	6,622	288,844	16,659	43,080	50,985	
Totals .. .. .	121	448	47	6	66	1	1	..	2,140	324‡	3,385,032	634,878	591,238	74,225	19,331	754,830	76,029	120,115	133,160	
Totals, Census 1881	131	450	49	11	68	..	..	3	2,128	355	..	..	..	69,251	7,143	..	207,085	150,093		

\* And seven sets of rollers. † And two sets of rollers. ‡ And nine sets of rollers.

(<sup>1</sup>) One not in operation in 1885, and two for part of year only. (<sup>2</sup>) One not in operation in 1885. (<sup>3</sup>) One not in operation during 1885, and one only part of year. (<sup>4</sup>) Two not in operation in 1885. Two mills gristing only. Value of produce not stated. (<sup>5</sup>) Two not in operation in 1885, and one for part of year only. (<sup>6</sup>) Two not in operation in 1885.

## FRUIT-PRESERVING AND JAM-MAKING.

TABLE XVIII.—Showing the Number of Fruit-preserving and Jam Factories in Operation in March, 1886, the Number of Hands employed, the Quantity and Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.			Amount of Horse-power.	Materials used during 1885.				Manufactures for the Year 1885.						Approximate Value of			
		M.	F.	Steam.	Water.	Manual.		Fruit.	Sugar.	Others. Value.	Total Value.	Fruit, Bottled and Preserved.		Jam made.		Other Preserves.		Total Value of all Manufactures.	Land.	Buildings.	Machinery and Plant.
												Quantity.	Value.	Quantity.	Total Value.	Quantity.	Value.				
Auckland .. .. .	7*	30	12	..	..	7	..	Tons.	Tons.	£	£	lb.	£	lb.	£	lb.	£	£	£	£	
Wellington and Nelson .. .. .	4	39	17	3	1	..	13	23	11	67	1,383	29,080	583	73,050	1,575	1,000	75	2,233	1,900	925	685
Canterbury .. .. .	4	11	8	3	..	1	8	210	150	..	8,000	..	..	674,720	13,152	..	..	13,152	1,060	1,650	1,950
Otago .. .. .	5†	66	33	2	..	3	12	10	8	..	472	3,300	95	30,480	700	..	..	795	900	200	200
Totals .. .. .	20	146	70	8	1	11	33	225	173	1,790	10,897	..	..	784,960	16,112	..	..	16,112	1,800	4,200	5,050
Totals .. .. .	20	146	70	8	1	11	33	468	342	1,857	20,752	32,380	678	1,563,210	31,539	1,000	75	32,292	5,660	6,975	7,885

\* One in connection with meat-preserving works, and one with biscuit factory. † Two in connection with general grocery stores. Two not in operation in 1885, and one for part of year only.

AERATED WATERS AND CORDIAL MANUFACTORIES.

TABLE XIX.—Showing the Number of Aerated Waters and Cordial Manufactories in New Zealand in Operation in March, 1886, the Power and Hands employed, the Quantity and Value of the Produce for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Manu- factories.	Number of Hands employed.		Machine-power used.							Amount of Horse- power.	Produce for the Year 1885.					Approximate Value of		
		M.	F.	Steam.	Steam and Gas.	Water.	Water and Gas.	Gas.	Horse.	Hand.		Aerated Waters.	Cordials.	Tonic Beer.	Miscellaneous.	Total Value of all Kinds.	Land.	Buildings.	Machinery and Plant.
Auckland .. .. .	27*	74	7	4	..	..	1	..	..	21	33	Dozen. 257,094	Dozen. 3,677	Dozen. 21,049	..	£ 21,449	£ 12,370	£ 8,065	£ 5,477
Taranaki .. .. .	4	6	..	..	..	..	..	..	..	4	..	14,200	235	..	..	1,413	435	810	850
Hawke's Bay .. .. .	6†	13	..	2	1	..	..	..	..	3	11	45,650	810	..	5 tons ice	5,789	930	920	4,010
Wellington .. .. .	15‡	38	2	8	..	5	..	1	..	1	33	244,780	1,486	..	..	14,720	3,915	3,075	5,813
Marlborough .. .. .	6§	10	..	2	..	1	..	..	..	3	8	34,600	334	..	..	3,976	400	1,130	1,890
Nelson .. .. .	4	8	..	1	..	..	..	..	..	3	2	19,624	330	..	..	2,550	770	860	2,545
Westland .. .. .	5	9	..	1	..	..	..	..	1	3	7	16,393	260	..	..	2,520	412	1,590	1,510
Canterbury .. .. .	19	47	..	4	..	..	..	3	..	12	14	185,324	1,794	..	..	15,205	6,605	3,660	7,335
Otago .. .. .	26¶	59	..	..	..	10	..	3	5	8	24	123,990	4,102	..	300 galls. colonial wine, 76 galls. ginger beer, 15 doz. cider	26,476	5,223	5,428	7,450
Totals .. .. .	112	264	9	22	1	16	1	8	6	58	132	941,655	13,028	21,049	..	94,098	31,060	25,538	36,880
Totals, Census 1881 ..	79	223	5	18	..	7	..	5	11	38	108	637,144	10,284	6,350	..	..	36,201	..	30,700

\* One in operation for part of year only, one in connection with brewery, one with sauce, and one with sugar factory. † Value of materials not stated in three cases. ‡ Value of materials not stated in three cases; one in operation three months. § Value of materials not stated in one case; two in connection with brewery. || Value of materials not stated in ten cases; one in operation for only part of year. ¶ Two in connection with breweries; two not in operation in 1885.

NOTE.—The value of the materials operated upon was returned as £21,397 (roughly approximate).

BREWERIES.

TABLE XX.—Showing the Number of Breweries in Operation in New Zealand in March, 1886; also the Number of Hands, Horses, and Drays employed, the Quantity and Value of Materials used, the Quantity and Value of Beer brewed during the Year 1885, and the Approximate Value of Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Breweries.	Number of Hands employed.	Motive-power.						Amount of Horse- power.	Number of Horses employed.	Number of Drays and Wagons employed.	Materials used during the Year 1885.				Beer made during the Year 1885.		Approximate Value of		
			Steam.	Water.	Steam, Wind.	Wind.	Horse.	Hand.				Sugar.	Malt.	Hops.	Value.	Quantity.	Value.	Land.	Buildings.	Machinery and Plant.
Auckland .. .. .	15	96	12	..	..	..	3	98	34	26	lb. 222,659	Bushels. 82,868	lb. 106,055	£ 35,684	Gallons. 1,224,350	£ 76,712	£ 17,010	£ 55,805	£ 18,080	
Taranaki .. .. .	5	9	1	..	..	1	2	8	10	6	33,222	6,406	7,166	2,818	74,098	6,555	405	3,020	1,575	
Hawke's Bay .. .. .	6*	28	3	1	..	..	2	28	15	9	117,141	14,734	20,026	7,053	215,784	18,598	3,690	3,912	3,500	
Wellington .. .. .	11	50	9	..	..	..	2	74	19	17	228,081	41,619	46,844	19,059	595,196	37,378	8,365	8,250	6,808	
Marlborough .. .. .	6	18	..	..	1	..	5	4	15	11	35,440	6,171	7,415	2,628	89,616	6,231	1,220	2,960	1,790	
Nelson .. .. .	12†	37	5	..	..	..	7	34	23	23	29,298	17,501	22,508	7,104	225,684	18,542	5,595	8,800	4,915	
Westland .. .. .	7	16	5	..	..	..	2	29	13	11	66,667	9,717	10,610	5,507	110,424	11,410	595	3,200	2,582	
Canterbury .. .. .	19	94	11	..	..	..	8	52	54	44	283,210	68,472	89,539	23,513	946,624	69,806	16,180	32,275	17,133	
Otago .. .. .	17	127	11	3	..	..	3	74	41	31	361,332	169,708	115,285	37,703	1,253,959	79,950	36,216	33,400	26,475	
Totals .. .. .	98	475	57	4	1	1	34	401	224	178	1,377,050	417,196	425,448	141,069	4,735,735	325,182	89,276	151,622	82,858	
Totals, Census 1881 ..	99	526	..	..	..	..	..	..	218	169	..	..	..	..	..	..	233,218	..	84,180	

\* One in operation for two months only. † One in operation for part of year only.

SOAP AND CANDLE WORKS.

TABLE XXI.—Showing the Number of Soap and Candle Factories in New Zealand in Operation in March, 1886, the Hands and Power employed, the Quantity and Value of Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed. M.	Machine-power used.		Amount of Horse-power.	Total Value of all Materials used during the Year 1885.	Manufactures or Produce for the Year 1885.					Approximate Value of			
			Steam.	Manual.			Soap.		Candles.		Other Manufactures.	Total Value of all Manufactures.	Land.	Buildings.	Machinery and Plant.
							Quantity.	Value.	Quantity.	Value.					
Auckland .. .. .	4	51	4	..	130	£ 13,950	cwt. 19,200	£ 18,600	cwt. 3,840	£ 7,690	£ ..	£ 26,290	£ 2,200	£ 4,750	£ 15,850
Hawke's Bay .. .. .	1	7	1	..	10	£ 14,183	16,016	14,505	6,438	15,863	..	30,368	1,742	4,130	10,800
Wellington .. .. .	3	36	3	..	85										
Nelson .. .. .	1	5	1	..	6	£ 10,825	17,164	16,623	8	16	..	16,639	1,468	1,929	2,050
Canterbury .. .. .	5	24	5	..	59										
Otago .. .. .	4	81	3	1	130	£ 33,993	29,034	24,842	10,322	31,024	1,582	57,448	3,400	9,261	18,348
Totals .. .. .	18	204	17	1	420	£ 72,951	81,414	74,570	20,608	54,593	1,582	130,745	8,810	20,070	47,048
Totals, Census 1881 ..	15	108	..	..	..	..	..	..	..	..	..	..	15,550	..	17,690

SAW-MILLS.

TABLE XXII.—Showing the Number of Saw-mills and Sash and Door Manufactories in Operation in New Zealand in March, 1886, the Power and Hands employed, the Quantity and Value of the Produce for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Mills.	Hands.		Motive-power employed.						Amount of Horse-power.	Sawn Timber.		Wrought Timber.					Total Value.	Approximate Value of				
		M.	F.	Steam.	Water.	Steam and Water.	Gas.	Horse.	Unspecified.		Quantity.	Value.	Flooring, Lining, Skirting, Boarding, Planed, &c.		Moulding.		Doors and Sashes.		Posts, Rails, &c.	Land.	Buildings.	Machinery and Plant.	
													Quantity.	Value.	Quantity.	Value.	Quantity.						Value.
Auckland .. .. .	49*	2,068	1	42	2	1	1	..	3	1,756	Feet. 92,716,425	£ 390,872	Sup. feet. 21,511,031	£ 125,614	Run. feet. 3,080,419	£ 11,591	£ 23,394	£ 28,400	£ 6,608	£ 563,085	£ 174,758	£ 59,892	£ 241,002
Taranaki .. .. .	8	138	..	7	1	..	..	..	..	164	5,142,600	18,277	1,070,000	5,280	119,400	937	4,500	3,150	2,803	30,447	3,643	3,895	14,831
Hawke's Bay .. .. .	22†	307	..	19	3	..	..	..	..	347	19,196,844	76,568	2,689,565	8,531	1,497,000	1,748	3,650	2,279	1,307	90,433	27,780	8,250	22,285
Wellington .. .. .	41‡	782	5	40	..	..	..	1	..	871	28,315,965	127,053	5,340,804	27,404	2,761,150	13,294	8,845	10,100	2,826	180,677	76,995	14,265	58,025
Marlborough .. .. .	14§	176	..	13	1	..	..	..	..	295	8,632,480	26,652	1,039,629	4,408	4,000	31	..	..	20	31,111	9,042	2,710	16,030
Nelson .. .. .	44	324	2	36	7	..	1	..	..	547	9,293,312	32,954	1,975,800	10,078	324,700	2,523	4,200	2,930	265	48,750	24,487	7,754	21,422
Westland .. .. .	13	100	2	7	5	1	..	..	..	237	4,249,381	16,267	782,350	4,377	111,934	428	..	..	197	21,269	3,260	1,260	6,500
Canterbury .. .. .	27	298	1	27	..	..	..	..	..	361	7,831,490	35,297	1,803,000	11,238	632,000	3,056	3,200	1,625	2,375	53,591	59,594	5,650	17,870
Otago .. .. .	50¶	838	..	45	5	..	..	..	..	978	31,074,388	88,675	9,294,611	38,743	4,039,350	9,903	21,140	16,459	4,570	158,350	13,520	14,455	54,920
Totals .. .. .	268	5,031	11	236	24	2	2	1	3	5,556	206,452,885	812,615	45,506,790	235,673	12,569,953	43,511	68,929	64,943	20,971	1,177,713	393,079	118,131	452,885
Totals, Census 1881 ..	223	4,198	40	200	22	1	..	..	..	4,264	..	..	..	..	..	..	..	..	..	..	397,084	..	376,544

\* Nine only working part of the year. † Three not in operation whole of year. ‡ Two mills not in operation during 1885. § One mill in operation part of year only. || Three mills in operation part of year only. ¶ Four mills in operation part of year only.

BRICK, TILE, AND POTTERY MANUFACTORIES.

TABLE XXIII.—Showing the Number of Brick, Tile, and Pottery Manufactories in New Zealand in Operation in March, 1886, the Power and Hands employed, the Quantity and Value of the Manufactures for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power employed.				Amount of Horse-power.	Number of Machines for		Manufacture for the Year 1885.								Approximate Value of						
		M.	F.	Steam.	Water.	Horse.	Hand.		Tempering or Crushing Clay.	Making Bricks and Pottery.	Bricks made.			Pottery made.				Total Value of all Kinds of Manufactures.	Land.	Buildings.	Machinery and Plant.				
											Common.	Fire-bricks.	Value of all Kinds.	Drain-pipes.	Tiles.	Flower-pots.	Miscellaneous Value.					Total Value of Pottery.			
Auckland ..	29*	204	..	12	..	17	..	236	28	32	No.	No.	£	No.	No.	No.	£	£	£	£	£	£	£	£	£
Taranaki ..	3	4	..	..	..	1	2	2	3	2	18,414,228	50,000	31,728	49,550	358,000	8,000	5,300	9,784	41,512	13,358	10,447	26,985	169	85	
Hawke's Bay ..	9†	23	1	2	..	6	1	24	7	2	310,000	..	814	..	..	2,904	10	35	849	70	85	169	927	635	
Wellington ..	23‡	104	..	7	..	14	2	76	22	11	1,066,000	..	2,448	..	..	2,500	50	100	2,548	1,908	635	927	635	927	
Marlborough ..	4	8	..	..	..	2	2	2	2	..	3,875,000	..	9,348	105,850	1,250	9,840	1,100	5,523	14,871	12,160	3,815	4,699	20	30	
Nelson ..	5	25	..	2	..	2	1	23	3	4	650,000	..	1,610	..	..	..	..	..	1,610	315	20	30	1,110	1,110	
Canterbury ..	16§	60	..	4	..	12	..	62	16	12	740,000	122,000	2,707	8,550	4,000	..	6	1,154	3,867	20,810	2,120	1,110	3,497	3,497	
Otago ..	39¶	166	3	8	..	27	4	114	37	24	1,973,420	58,226	4,276	97,318	10,694	89,760	732	3,267	7,543	8,522	10,817	3,497	12,715	12,715	
Totals ..	126	594	4	35	..	81	10	539	118	87	7,275,264	200,000	12,504	577,767	51,600	32,000	3,556	6,493	18,997	9,220	6,977	12,715	50,132	50,132	
Totals, Census 1881	127	666	19	22	2	85	18	345	..	..	28,490,500	80,430	..	592,960	623,720	315,550	..	..	..	..	77,030	..	28,735	28,735	

\* Four in operation part of year only. † One not in operation in 1885. ‡ One in operation part of year only. § One in operation part of year only; one in connection with coal-mine. ¶ Two not in operation in 1885, and four for only part of year.

BOILING-DOWN, MEAT-PRESERVING, AND MEAT-FREEZING ESTABLISHMENTS.

TABLE XXIV.—Showing the Number of Boiling-down, Meat-preserving, and Meat-freezing Establishments in New Zealand in Operation in March, 1886, the Hands and Power employed, the Produce for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	No. of Works, &c.	No. of Hands employed.		Machine-power employed.				Amount of Horse-power.	Produce for the Year 1885.												Total Value of all Produce for the Year 1885.	Approximate Value of							
		M.	F.	Steam.	Steam and Water.	Water.	Gas.		Hand.	Frozen Sheep.		Frozen Beef.		Preserved Meats.		Tallow.		Corned Beef.		Bone-dust.		Neats-foot and Trotter Oil.		Bones, Horns, Hoofs, &c.		Land.	Buildings.	Machinery and Plant.	
										Carcases.	Value.	Quantity.	Value.	Quantity.	Value.	Quan.	Value.	Casks.	Value.	Quan.		Value.	Quan.	Value.	Quan.				Value.
Auckland ..	8 <sup>(1)</sup>	46	..	6	..	..	2	142	No.	£	lb.	£	lb.	£	Tons.	£	No.	£	Tons.	£	Gall.	£	Tons.	£	£	£	£	£	£
Taranaki ..	2	107	16	2	..	..	..	405	22,422	11,211	260,596	2,776	2,163,642	27,046	322	5,868	1,279	3,996	950	5,900	100	20	80	320	57,137	79,672	21,000	12,138	12,138
Hawke's Bay ..	6	145	2	4	1	..	1	202	110,000	66,000	50,000	625	140,000	2,333	960	19,121	..	..	..	..	410	103	120	120	88,302	9,750	22,470	23,230	23,230
Wellington ..	7	237	..	6	1	..	..	232	93,744	76,290	727,800	10,613	2,022,954	31,021	2,079	47,179	2,543	8,250	324	1,921	1,054	213	143	673	176,160	44,222	33,100	20,333	20,333
Marlborough ..	4 <sup>(2)</sup>	39	..	3	..	..	1	29	..	..	..	..	..	..	56	1,169	..	..	..	..	45	12	..	..	1,181	70	750	2,300	2,300
Canterbury ..	5 <sup>(3)</sup>	159	..	5	..	..	..	414	131,343	81,724	272,000	2,830	814,000	13,500	642	11,014	..	..	2	3	200	40	90	270	109,381	15,250	31,147	24,025	24,025
Otago ..	12 <sup>(4)</sup>	87	..	5	..	1	6	288	106,105	53,051	11,234	140	52,626	1,711	432	7,393	..	..	400	2,800	800	200	..	..	65,295	11,215	37,746	29,739	29,739
Totals ..	44	820	18	31	2	1	10	1,712	463,614	288,276	1,321,630	16,984	5,526,382	82,640	5,457	111,195	6,029	20,108	2,575	19,419	3,469	833	673	2,423	543,878	172,529	148,393	122,040	122,040
Totals, Census 1881	40	465	3	38	..	1	1	352	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	62,525	..	34,320	34,320

\* Miscellaneous.

<sup>(1)</sup> One not in operation in 1885. The Auckland Frozen-meat and Storage Company is tabulated with Taranaki.

<sup>(2)</sup> Hands employed for only part of year on this business.

<sup>(3)</sup> One in operation for five months only.

<sup>(4)</sup> Four not in operation in 1885.

FELLMONGERING, TANNING, CURRYING, AND WOOL-SCOURING ESTABLISHMENTS.

TABLE XXV.—Showing the Number of Fellmongering, Tanning, Currying, and Wool-scouring Establishments in New Zealand in March, 1886, the Hands and Power employed, the Produce for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.				Amount of Horse-power.	Number of Tan-pits.	Tons of Bark used for Tanning: Kind, and where produced.						Total Tons of Bark used.	Value of all Kinds of Materials used during the Year 1885.	Manufacture or Produce for the Year 1885.					Approximate Value of					
		M.	F.	Steam.	Water.	Wind.	Horse.			Hand.	Wattle.		Portland Ground, Victoria.	Volcanat, Calcutta.	Sumac, Italy.			Red-pine, N.Z.	Black-birch, N.Z.	Quantity of					Total Value of all Kinds of Produce or Manufacture.	Land.	Buildings.	Machinery and Plant.
											Australia.	Tasmania.								Wool scoured.	Skins stripped of Wool.	Hides tanned.	Skins tanned.	Others.				
Auckland ..	9	117	..	6	..	..	3	51	238	525	700	..	..	..	10	1,235	£ 31,614	lb. 752,414	No. 123,312	No. 23,906	No. 98,732	6,210‡	£ 81,321	£ 8,165	£ 9,155	£ 4,700		
Taranaki ..	3	8	..	2	..	..	1	10	30	..	10	..	..	..	..	10	3,600	89,000	25,500	400	1,000	..	5,000	1,050	610	500		
Hawke's Bay ..	11 <sup>(1)</sup>	121	..	4	..	..	7	166	16	20	3	..	..	..	..	23	2,139	907,590	172,584	1,000	2,900	60,844‡	53,503	928	2,125	2,805		
Wellington ..	12	184	1	6	..	..	6	117	298*	926	103	..	..	..	..	1,029	35,098	845,300	375,600	34,615	215,767	111,114§	113,544	7,980	10,450	14,470		
Marlborough ..	6 <sup>(2)</sup>	22	..	..	..	..	6	..	19	26	..	..	..	..	12	38	643	231,748	25,500	750	4,100	..	11,024	1,420	1,330	605		
Nelson	4	16	..	2	..	..	2	14	26	15	10	..	..	..	25	50	1,060	134,773	46,000	1,070	2,900	20,250	9,840	910	2,220	1,650		
Westland																												
Canterbury ..	22 <sup>(3)</sup>	285	..	7	..	..	15	82	66	264	390	..	..	4	730	1,388	50,053	3,664,770	407,520	22,256	413,971	27,308‡	242,190	12,135	21,545	10,925		
Otago ..	30 <sup>(4)</sup>	334	5	9	..	..	21	77	217†	234	80	2	10	..	20	..	346	22,709	2,056,343	438,982	12,716	128,538	{ 96,434; 60¶	118,493	7,942	10,895	4,235	
Totals ..	97	1,087	6	36	..	..	61	517	910*†	2,010	1,296	2	10	4	20	777	4,119	146,916	8,681,938	1,614,998	96,713	867,908	..	634,915	40,530	58,330	39,890	
Totals, Census 1881	119	838	21	28	13	2	74	300	..	..	..	..	..	..	..	..	..	..	1,163,235 and 24,401 bales	..	..	..	..	..	88,156	..	47,926	

\* And 40 tubs. † And 9 tubs. ‡ Pelts. § Basils. || Hides and skins, salted. ¶ Rabbit- and calf-skins.

(1) One in connection with boiling-down establishment. Value of materials used not stated in two cases. Value of land and buildings not given in one case. (2) Value of materials used not stated in two cases. (3) Two works in operation part of year only. (4) One not in operation in 1885. One in connection with meat-freezing, and one with boiling-down establishment.



IRON AND BRASS FOUNDRIES.

TABLE XXVI.—Showing the Number of Iron and Brass Foundries in New Zealand in Operation in March, 1886, the Hands and Power employed, the Manufactures and Value of Work for the Year 1885, and the Approximate Value of the Land, Buildings, and Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.		Machine-power used.						Amount of Horse-power.	Iron Castings.	Brass Castings.	Other Manufactures.	Various Machines.	Kitchen-ranges.	Colonial Ovens.	Total Value of all Manufactures, including Repairs.	Approximate Value of		
		M.	F.	Steam.	Water.	Steam and Water.	Water and Gas.	Gas.	Hand.									Land.	Buildings.	Machinery and Plant.
Auckland ..	13*	270	..	9	I	..	..	I	2	77	Tons. 183	Tons. 1	..	No. ..	No. 180	No. 46	£ 59,094	£ 9,168	£ 8,543	£ 17,276
Hawke's Bay ..	2	14	..	2	..	..	..	..	..	10	25	1	3 wool-presses	..	..	..	1,700	1,600	850	1,550
Wellington ..	8†	338	..	6	..	I	I	..	..	138	982	..	..	..	..	300	77,290	11,750	5,600	17,800
Nelson ..	2	40	..	2	..	..	..	..	..	26	175	5	50 tons wrought iron-work	..	..	..	5,850	1,650	900	2,965
Westland ..	2‡	29	..	2	..	..	..	..	..	20	45	..	..	..	..	..	4,628	350	800	3,250
Canterbury ..	11	426	2	9	..	..	..	..	2	99	95	..	..	26	180	..	95,014	18,760	17,325	21,579
Otago ..	20§	631	..	17	I	..	..	..	2	257	785	5	45 tons lead piping, 1,328 ft. iron fluming	50	300	120	108,163	24,380	19,200	54,642
Totals ..	58	1,748	2	47	2	I	I	I	6	627	2,290	12	..	76	660	466	351,739	67,658	53,218	119,062
Totals, Census 1881	35	952	I	..	..	..	..	..	..	..	..	..	..	..	..	..	..	83,581	..	71,686

\* One commenced December, 1885; one in connection with ship-building. † Value of manufactures not stated in one case. ‡ Value of materials used and amount of castings not stated in one case. § One in connection with saw-mill.  
 Note.—The value of materials operated upon during 1885 was returned as £97,438 (roughly approximate).

## QUARTZ MINES AND MACHINERY.

TABLE XXVII.—Showing the Gold Quartz Mines and Quartz-crushing Machinery in Operation in New Zealand in March, 1886, with the Nature and Amount of Power, the Number of Hands employed, the Amount in Tons of Quartz crushed, the Quantity of Gold produced during the Year 1885, and the Approximate Value of Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.	Machine-power used.					Amount of Horse-power.	Gold produced.	Silver produced.	Quartz crushed.	Value of Gold per oz.	Approximate Value of Machinery and Plant.
			Steam.	Water.	Steam and Water.	Steam, Water, Compressed Air, and Electricity.	Manual and Unspecified.						
Auckland ..	32*	389	8	21	2	..	1	770	Oz. 82,672	Oz. 1,991	Tons. 55,618	£ s. d. 2 16 5	£ 58,675
Wellington ..	1	10	1	..	..	..	..	20	..	..	..	..	6,000
Nelson ..	45	468	8	17	1	..	19	535	25,949	..	38,417	3 17 7	117,552
Westland ..	1	2	..	..	..	..	1	..	15	..	50	3 18 0	1,100
Otago ..	22†	287	4	11	1	1	5	404	10,695	..	12,701	3 15 7	27,694
Totals ..	101	1,156	21	49	4	1	26	1,729	119,331	1,991	106,786	..	211,021
Totals, Census 1881	84	1,147	21	38	7	..	18	1,463	84,184	..	98,460	..	..

\* Seven not in full work during the year.

† Two not in operation in 1885, one for four months only.

## HYDRAULIC GOLD-MINING.

TABLE XXVIII.—Showing the Number of Hydraulic Gold-mining Works in Operation in New Zealand in March, 1886, the Number of Hands, the Nature and Amount of Power employed, the Quantity of Gold produced in the Year 1885, and the Approximate Value of Machinery and Plant.

Provincial Districts.	Number of Works.	Number of Hands employed.	Machine-power used.					Amount of Horse-power.	Gold produced.	Value of Gold per oz.	Approximate Value of Machinery and Plant.		
			Steam.	Water.	Steam and Water.	Horse.	Manual and Unspecified.						
Marlborough ..	..	15*	92	..	14	1	..	40	Oz. 2,313	£ s. d. 3 17 0	£ 6,970		
Nelson ..	..	5†	128	2	3	..	..	422	4,237	3 16 0	155,730		
Westland ..	..	104†	397	4	15	..	1	84	429	13,136	3 15 0	62,087	
Otago ..	..	..	..	..	..	..	..	..	..	..	..	..	
Totals ..	..	..	124	617	6	32	1	1	84	891	19,686	..	224,787

\* One protected for six months. † One not yet bottomed, one extending tail-race. ‡ Six not in operation during 1885, two for part of year only, four chiefly prospecting, six chiefly engaged forming tail-race.

## FISHING, OYSTER GATHERING AND DREDGING.

TABLE XXIX.—Showing the Fishing and Oyster-getting Business of New Zealand as on the 28th March, 1886, with Particulars of Boats, Nets, and Value of Buildings used.

Provincial Districts.	Number of Fisheries.			Fisheries.					Oyster gathering and dredging.				Buildings used for Fishing Purposes.
	Carried on by Single Persons.	Carried on by Partnerships.	Totals.	Boats used.			Nets used.		Boats used.		Dredges used.		
				No.	Tonnage.	Value.	No.	Value.	No.	Value.	No.	Value.	
Auckland ..	59	16	75	85	335	£ 3,798	129*	£ 972	11†	£ 1,078	..	..	£ 699
Taranaki ..	1	1	2	4	3	35	22	79	..	..	..	..	..
Hawke's Bay ..	8	5	13	19	19	151	69	225	..	..	..	..	13
Wellington ..	19	11	30	50	78	658	159	715	..	..	..	..	42
Marlborough ..	6	3	9	22	36	824	40	265	..	..	..	..	1,020
Nelson ..	16	..	16	21	31	208	40	154	..	..	..	..	31
Canterbury ..	18	6	24	36	74	674	356	799	..	..	..	..	267
Otago ..	86	31	117	177	344	2,983	233†	1,412	9	1,990	21	57	1,746
Totals ..	213	73	286	414	920	9,331	1,048	4,621	20	3,068	21	57	3,818

\* In fifteen cases no nets given.

† In eight cases no nets given.

‡ Eleven boats, of value of £1,078, used in rock-oyster gathering.