

1890.
NEW ZEALAND.

GOLD AND OTHER MINERAL PRODUCTS.

(TABLES SHOWING THE QUANTITY EXPORTED FROM THE COLONY, &c.)

Presented to both Houses of the General Assembly by Command of His Excellency.

No. 1.

TABLE showing the QUANTITY and VALUE of GOLD ENTERED FOR DUTY for EXPORTATION from NEW ZEALAND for the Years ending the 21st March, 1889 and 1890, and the TOTAL QUANTITY and VALUE from 1857 to 31st March, 1890.

Name of Goldfield.	County or Borough.	Year ending 31st March, 1890.		Year ending 31st March, 1889.		Increase or Decrease for Year ending 31st March, 1890.		Total Quantity and Value from January, 1857, to 31st March, 1890.	
		Quantity.	Value.	Quantity.	Value.	Increase.	Decrease.		
Auckland	Thames Borough ..	Oz. 13,064	£ 51,774	..	..	..	..	..	..
	Ohinemuri County ..	2,525	10,092	..	..	..	..	..	..
	Coromandel County ..	4,338	17,178	..	..	..	..	..	..
	Thames County ..	11,380	43,796	..	..	..	..	..	..
	Piako County ..	631	2,446	..	..	..	..	..	..
	Te Aroha Town District	10	40	..	..	..	..	..	..
		<u>31,948</u>	<u>125,326</u>	<u>30,683</u>	<u>121,505</u>	<u>1,265</u>	<u>..</u>	<u>1,617,318</u>	<u>6,034,246</u>
Wellington ..	..	..	..	..	..	..	188	706	
Marlborough	Blenheim Borough ..	1,644	6,575	..	..	..	..	..	..
	Picton Borough ..	1,000	3,711	..	..	..	..	..	..
	Marlborough County ..	4,508	17,996	..	..	..	..	..	..
		<u>7,152</u>	<u>28,282</u>	<u>2,476</u>	<u>9,385</u>	<u>4,676</u>	<u>..</u>	<u>64,602</u>	<u>249,754</u>
Nelson	Collingwood County ..	3,251	12,322	..	..	..	..	..	..
	Waimea County ..	342	1,271	..	..	..	..	..	..
		<u>3,593</u>	<u>13,593</u>	<u>3,645</u>	<u>13,635</u>	<u>..</u>	<u>52</u>	<u>232,949</u>	<u>923,618</u>
West Coast	Buller County ..	9,673	38,632	..	..	..	..	..	..
	Inangahua County ..	23,108	92,304	..	..	..	..	..	..
	Grey County ..	27,149	108,531	..	..	..	..	..	..
	Westland County ..	27,545	110,126	..	..	..	..	..	..
	Brunnerton Borough ..	66	263	..	..	..	..	..	..
	Kumara Borough ..	2,640	10,561	..	..	..	..	..	..
	Hokitika Borough ..	337	1,349	..	..	..	..	..	..
Ross Borough ..	3,548	14,189	..	..	..	..	..	..
		<u>94,066</u>	<u>375,955</u>	<u>103,513</u>	<u>413,905</u>	<u>..</u>	<u>9,447</u>	<u>5,026,546</u>	<u>19,959,741</u>
Canterbury ..	..	..	..	24	96	..	24	48	192
Otago ..	Taieri County ..	255	1,022	..	..	..	..	..	..
	Tuapeka County ..	10,727	48,870	..	..	..	..	..	..
	Vincent County ..	11,506	45,960	..	..	..	..	..	..
	Maniototo County ..	5,507	22,188	..	..	..	..	..	..
	Waihemo County ..	811	3,250	..	..	..	..	..	..
	Waikouaiti County ..	1,164	4,656	..	..	..	..	..	..
	Waitaki County ..	1,396	5,584	..	..	..	..	..	..
	Bruce County ..	70	278	..	..	..	..	..	..
	Lake County ..	8,176	32,663	..	..	..	..	..	..
	Wallace County ..	5,011	20,024	..	..	..	..	..	..
	Southland County ..	4,212	16,846	..	..	..	..	..	..
	Clutha County ..	20	80	..	..	..	..	..	..
	Fiord County ..	48	192	..	..	..	..	..	..
	Unknown ..	48	175	..	..	..	..	..	..
	Alexandra Borough ..	202	814	..	..	..	..	..	..
Stewart Island ..	3	12	..	..	..	..	..	..
Dunedin* ..	15,845	63,404	..	..	..	..	..	..
		<u>65,001</u>	<u>260,018</u>	<u>68,561</u>	<u>273,381</u>	<u>..</u>	<u>3,560</u>	<u>4,742,317</u>	<u>18,718,436</u>
Totals ..		<u>201,760</u>	<u>803,174</u>	<u>208,902</u>	<u>831,907</u>	<u>5,941</u>	<u>13,083</u>	<u>11,683,968</u>	<u>45,886,693</u>

* For quarter ended 30th June, 1890, division of counties cannot be given.

No. 2.

TOTAL QUANTITY and VALUE OF GOLD ENTERED FOR DUTY FOR EXPORTATION from the 1st January, 1857, to the 31st December, 1889. (This return shows the produce of the various goldfields. Gold entered at Nelson from Hokitika, Greymouth, and Westport is put under the head of "West Coast," and from Invercargill and Riverton under the head of "Otago.")

Year.	Auckland.		Nelson.		Marlborough.		West Coast.		Otago.		Wellington.		Canterbury.		Total.	
	Oz.	Value.	Oz.	Value.	Oz.	Value.	Oz.	Value.	Oz.	Value.	Oz.	Value.	Oz.	Value.	Oz.	Value.
1857	..	£	10,437	40,422	..	£	..	£	..	£	..	£	..	£	10,437	40,422
1858	..	1,192	13,226	51,272	..	..	..	..	..	..	..	..	..	..	13,534	52,464
1859	7,336	28,427	..	..	..	..	..	..	..	..	..	..	7,336	28,427
1860	4,588	17,585	..	..	..	..	..	..	..	..	..	..	4,588	17,585
1861	6,335	24,552	..	..	..	..	..	..	..	..	..	..	194,081	751,873
1862	..	4,098	10,422	40,386	..	..	..	..	187,696	727,321	..	..	..	..	410,862	1,591,389
1863	..	13,858	14,410	55,841	..	..	..	..	399,201	1,546,905	..	..	..	..	628,450	2,431,723
1864	..	3,448	10,552	37,120	..	..	..	..	614,387	2,380,750	..	..	..	..	480,171	1,856,837
1865	..	5,449	17,096	47,080	..	..	..	..	436,012	1,689,633	..	..	..	..	574,574	2,226,474
1866	..	17,463	7,650	29,643	1,463	95,231	289,897	1,127,370	259,139	1,004,163	..	..	..	..	735,376	2,844,517
1867	..	18,277	9,123	35,918	552,572	30,814	1,818	2,140,946	168,871	654,647	..	..	..	..	686,905	2,698,862
1868	..	53,660	168,874	5,989	38,396	501	1,978	2,018,874	171,649	686,596	..	..	..	..	637,474	2,504,326
1869	..	132,451	434,687	10,631	42,524	666	2,664	1,269,664	153,364	613,456	..	..	..	..	614,281	2,362,995
1870	..	85,534	319,146	12,244	46,692	1,852	7,408	1,121,525	165,152	660,694	30	120	..	..	544,880	2,157,585
1871	..	330,326	1,188,708	10,014	40,056	2,057	7,468	931,528	154,940	619,760	..	..	..	..	730,029	2,787,520
1872	..	104,890	369,341	8,175	32,700	2,057	8,228	690,296	157,674	630,696	..	..	..	..	445,370	1,731,261
1873	..	119,449	437,123	13,697	54,786	1,274	5,050	756,442	182,416	734,024	..	..	..	..	505,337	1,987,425
1874	..	76,910	305,068	5,642	22,158	1,198	4,748	631,203	135,107	542,154	..	..	..	..	376,388	1,505,331
1875	..	69,485	262,156	4,577	17,866	1,159	4,636	635,480	121,423	487,632	..	..	..	..	355,322	1,407,770
1876	..	56,057	221,905	14,018	55,862	450	1,796	531,274	118,477	473,491	..	..	..	..	322,016	1,284,328
1877	..	99,081	403,627	5,367	21,093	870	3,197	612,823	113,169	455,341	..	..	..	..	371,685	1,496,080
1878	..	55,982	230,454	4,463	17,233	404	1,617	578,508	105,003	422,277	..	..	..	..	310,486	1,240,079
1879	..	37,901	154,295	2,933	11,424	879	3,460	571,061	102,869	407,868	..	..	..	..	287,464	1,148,108
1880	..	42,720	176,416	3,222	12,223	1,550	5,650	575,258	113,666	457,705	..	..	..	..	306,248	1,227,252
1881	..	35,516	141,326	3,453	13,039	1,378	4,531	509,971	102,670	411,923	..	..	..	..	270,561	1,080,790
1882	..	33,059	131,007	3,289	12,434	1,852	5,400	519,978	83,446	383,804	10	37	..	..	251,204	1,002,720
1883	..	41,291	163,618	2,064	7,724	636	2,524	467,152	87,478	352,334	..	..	..	..	248,374	993,352
1884	..	36,087	143,564	2,159	8,002	1,079	4,306	446,517	78,810	318,932	101	380	..	..	229,946	921,797
1885	..	42,989	170,416	2,798	10,337	540	2,160	471,325	73,183	294,378	..	..	..	..	237,371	948,615
1886	..	32,271	128,140	2,532	9,979	404	1,451	446,287	79,104	317,543	47	169	..	..	227,079	903,569
1887	..	30,697	121,564	2,914	10,829	1,041	3,759	395,430	70,443	279,518	..	..	..	..	208,869	811,100
1888	..	35,223	139,555	3,027	11,320	699	2,547	400,405	62,107	347,142	..	..	..	..	201,210	801,066
1889	..	28,655	113,191	3,252	12,310	5,189	20,167	406,451	64,419	256,430	..	..	..	..	208,211	808,549
Totals ..	1,607,612	5,996,713	231,774	920,232	60,708	224,224	5,004,153	19,870,172	4,720,545	18,630,952	188	706	48	192	11,625,028	45,652,191

No. 3.

TABLE showing the TOTAL QUANTITY of MINERAL ORES (the Product of Mines other than Gold), COAL, COKE, and KAURI GUM, EXPORTED from the Colony up to 31st December, 1889.

Year.	Silver.		Copper Ore.		Chrome Ore.		Antimony Ore.		Manganese Ore.		Hæmatite Ore.		Mixed Mineral Ore.		Coal.		Coko.		Kauri Gum.		Totals.			
	Oz.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Tons.	Value.	Ounces.	Tons.	Value.	
1853	..	£	..	£	..	£	..	£	..	£	..	£	..	£	..	£	..	£	830	15,972	..	830	15,972	
1854	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,661	28,864	..	1,661	28,864
1855	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	355	4,514	..	355	4,514
1856	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,440	18,591	..	1,440	18,591
1857	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,522	35,251	..	2,522	35,251
1858	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1,811	20,087	..	2,167	25,066
1859	..	5,000	..	..	..	25	..	..	..	..	..	..	..	..	..	..	..	..	2,010	20,776	..	2,263	23,501
1860	..	2,605	..	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	1,046	9,851	..	1,300	12,883
1861	..	1,590	..	..	..	116	..	..	..	..	..	..	..	..	..	..	..	..	856	9,888	..	1,018	11,708
1862	..	1,300	..	..	..	52	..	..	..	..	..	..	..	..	..	..	..	..	1,400	27,026	..	1,995	36,850
1863	..	1,024	..	..	..	3,843	..	..	..	..	..	..	..	..	..	..	..	..	2,228	60,590	..	2,996	65,500
1864	..	..	..	..	..	595	..	..	..	..	..	..	..	..	..	..	..	..	1,867	46,060	..	2,967	46,060
1865	..	..	..	..	..	768	..	..	..	..	..	..	..	..	..	..	..	..	2,535	70,572	..	3,077	72,287
1866	..	..	..	..	..	281	..	..	..	..	..	..	..	..	..	..	..	..	2,690	77,491	..	3,904	81,419
1867	..	2,700	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,850	111,307	..	3,600	115,100
1868	..	2,977	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,391	175,074	..	6,070	188,082
1869	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,054	167,958	..	7,522	192,715
1870	11,063	2,993	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,811	154,167	..	5,222	164,982
1871	37,123	11,380	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,884	85,816	..	3,558	96,321
1872	80,272	28,145	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,569	79,986	..	4,119	91,957
1873	37,064	9,910	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,231	138,523	..	5,371	149,272
1874	36,187	9,880	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2,888	109,234	..	5,935	129,372
1875	29,085	7,569	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,633	118,348	..	8,682	137,711
1876	12,633	9,171	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,445	132,975	..	12,420	154,687
1877	33,839	7,556	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,229	147,535	..	12,722	168,001
1878	23,019	5,755	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,725	242,817	..	17,177	275,799
1879	20,045	4,512	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,461	253,788	..	15,438	281,633
1880	20,005	4,500	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,533	260,369	..	14,019	271,016
1881	18,885	4,236	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6,518	336,606	..	14,953	350,086
1882	5,694	1,286	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	342,151	24,914	..	13,071	358,024
1883	16,826	3,785	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	299,762	16,624	..	316,386	362,779
1884	24,914	5,125	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	257,653	12,108	..	318,788	318,788
1885	16,624	3,169	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	362,449	20,809	..	51,666	419,844
1886	12,108	2,946	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	380,938	20,403	..	79,145	459,261
1887	20,809	3,458	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	329,590	24,105	..	97,828	439,260
1888	408	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	127,192	5,016	..	520,940	5,704,215
1889	24,105	4,043	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	127,192	5,016	..	520,940	5,704,215
Totals	521,973	128,885	1,394	17,862	5,666	37,367	1,858	25,069	14,821	50,287	51	220	14,047	68,762	349,086	348,782	6,734	10,907	127,192	5,016	124,521	973	520,940	5,704,215

No. 4.

TABLE showing the COMPARISON in QUANTITY and VALUE of GOLD ENTERED for DUTY for EXPORTATION for the Years ending the 31st December, 1888 and 1889; also the TOTAL VALUE since January, 1853.

Name of Metal or Mineral.	For Year ending the 31st December, 1889.		For Year ending the 31st December, 1888.		Total from the 1st January, 1853, to the 31st December, 1889.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Precious metals—	Oz.	£	Oz.	£	Oz.	£
Gold	203,211	808,549	201,219	801,066	11,625,028	45,652,191
Silver	24,105	4,043	403	71	521,973	128,835
Total gold and silver	227,316	812,592	201,622	801,137	12,147,001	45,781,026
Mineral produce, including kauri-gum—	Tons.	£	Tons.	£	Tons.	£
Copper-ore .. .. .	..	..	2	75	1,394	17,862
Chrome-ore .. .. .	..	..	..	..	5,666	37,367
Antimony-ore	493	5,319	376	6,246	1,858	25,069
Manganese-ore	1,080	2,569	1,085	2,404	14,821½	50,287
Hæmatite-ore .. .. .	..	..	..	..	51	220
Mixed minerals	199	9,985	162	2,955	14,047	68,762
Coal exported	79,490	76,228	64,192	61,367	337,866	336,552
Coke exported	2,132	3,407	953	1,646	6,724	10,907
Coal output of mines in the colony	506,955	253,477	549,703	274,851	5,323,268	2,661,633
Kauri-gum	7,519	329,590	8,482	380,933	127,192½	5,016,124
Total quantity and value of minerals	597,868	680,575	624,955	730,477	5,832,888	8,224,783
Value of gold and silver, as above .. .. .	..	812,592	..	801,137	..	45,781,026
Total value of minerals produced, including gold and silver .. .. .	..	1,493,167	..	1,531,614	..	54,005,809

No. 5.

TABLE showing the INCREASED PRODUCTION OF COAL, Year by Year, during the last Eleven Years, and the DECREASE of COAL IMPORTED for the same Period.

Year.	Coal raised in the Colony.		Coal Imported.		
	Tons.	Yearly Increase or Decrease.	Tons.	Plus or Minus.	Increase and Decrease.
1878	162,218	..	174,148	..	..
1879	231,218	+ 69,000	158,076	-	16,072
1880	299,923	+ 68,705	123,298	-	34,778
1881	337,262	+ 37,339	129,962	+	6,664
1882	378,272	+ 41,010	129,582	-	380
1883	421,764	+ 43,492	123,540	-	6,042
1884	480,831	+ 59,069	148,444	+	24,904
1885	511,063	+ 30,232	130,202	-	18,242
1886	534,353	+ 23,290	119,873	-	10,329
1887	558,620	+ 24,267	107,230	-	12,643
1888	613,895	+ 55,275	101,341	-	5,889
1889	586,445	- 27,450	128,063	+	26,722

No. 6.

TABLE showing the OUTPUT of COAL from the various Mining Districts, and the Comparative INCREASE and DECREASE, for the Years 1888 and 1889, together with the TOTAL APPROXIMATE QUANTITY of COAL produced since the Mines were opened.

Name of District.	Output of Coal.		Plus or Minus.	Increase or Decrease.	Approximate Total Output of Coal up to 31st December, 1889.
	1888.	1889.			
Kawakawa	33,145	27,000	-	6,145	710,625
Whangarei, Kamo, and Whauwhau	19,091	15,314	-	3,777	229,999
Waikato	56,302	51,941	-	4,361	475,931
Pelorus .. .. .	..	..	..	..	711
West Wanganui	4,181	3,574	-	607	32,694
Westport	130,486	137,033	+	36,547	815,277
Reefton	3,255	3,471	+	216	37,174
Greymouth	188,448	137,904	-	50,544	1,257,832
Malvern	12,631	12,194	-	437	244,470
Timaru	300	476	+	176	2,524
Otago	148,984	150,461	+	1,477	1,877,684
Southland	17,072	17,077	+	5	134,356
Totals	613,895	586,445	-	27,450	5,819,277

No. 7.

TABLE showing the DIFFERENT CLASSES of COAL from the MINES in the COLONY.

Name of Coal.	Output of Coal.		Plus or Minus.	Increase or Decrease.	Approximate Total Output of Coal up to the 31st December, 1889.
	1888.	1889.			
	Tons.	Tons.		Tons.	Tons.
Bituminous	359,555	335,511	-	24,044	2,820,198
Pitch	81,309	87,445	+	6,136	891,393
Brown	156,136	144,010	-	12,126	1,941,735
Lignite	16,895	19,479	+	2,584	165,951
Totals	613,895	586,445	-	27,450	5,819,277

No. 8.

TABLE showing the NUMBER of COAL-MINES in OPERATION, the NUMBER of MEN EMPLOYED, and the OUTPUT of COAL per MAN.

Number of Mines working.	Number of Miners employed in each Mine.	Total Number of Men employed.	Output of Coal during 1889.	Average Output per Man.
105	1 to 4 men in each	169	Tons. 39,079	Tons. 232
16	5 to 10 "	117	33,414	285
7	11 to 20 "	73	27,333	374
16	21 men and upwards	1,358	486,619	358
144		1,717	586,445	341

H. A. GORDON, M.A. Inst. M.E.,
Inspecting Engineer.

No. 9.

RETURN showing the QUANTITY and VALUE of COALS IMPORTED INTO and EXPORTED FROM NEW ZEALAND during the Year ended the 31st December, 1889.

Imported.			Exported.		
Countries whence imported.	Quantity.	Value.	Countries to which exported.	Quantity.	Value.
	Tons.	£		Tons.	£
Victoria	212	194	United Kingdom	47,115	50,451
New South Wales	126,425	112,906	Victoria	2,184	1,995
Queensland	1,391	918	New South Wales	11,686	10,584
Cape Colony	35	35	Queensland	135	169
			South Australia	7,737	5,237
			Western Australia	695	730
			Norfolk Island	18	25
			Fiji	4,397	3,140
			Hongkong	3,787	3,409
			France	265	331
			China	165	104
			Java	2,447	2,447
			South Sea Islands	5,774	5,725
Totals	128,063	114,053	Totals	86,405	84,347

NOTE.—Foreign Coal: Included in exportation to—United Kingdom, 15 tons, value £19; New South Wales, 2,571 tons, value £3,185; Queensland, 135 tons, value £169; Norfolk Island, 1 ton, value £2; Fiji, 193 tons, value £216; France, 265 tons, value £331; South Sea Islands, 3,735 tons, value £4,197. The remainder is New Zealand produce.

Department of Trade and Customs,
Wellington, 29th May, 1890.

W. S. MCKELLAR,
Secretary and Inspector.

No. 10.

NUMBER of MINERS EMPLOYED during the Years ending 31st March, 1889 and 1890.

Mining District.	Alluvial Miners.		Quartz-miners.		Totals.		Grand Total	
	European.	Chinese.	European.	Chinese.	European.	Chinese.	1889.	1890.
AUCKLAND—								
North Hauraki .. .. .	..	..	420	..	420	..	300	420
South Hauraki .. .. .	..	..	1,161	..	1,161	..	847	1,161
Te Aroha .. .. .	..	..	105	..	105	..	105	105
	..	..	1,686	..	1,686	..	1,252	1,686
MARLBOROUGH—								
Pelorus .. .. .	..	..	54	..	404	..	646	404
Wairau	350	..	..	..	..	..	..	..
	350	..	54	..	404	..	646	404
NELSON—								
Bâton .. .. .	..	..	..	..	..	..	..	..
Wangapeka	40	..	2	..	42	..	9	42
Sherry and Tadmor .. .. .	..	..	..	..	..	..	..	..
Collingwood, Takaka, and West Wanganui	150	4	40	..	190	4	260	194
Motuëka .. .. .	..	..	..	..	..	..	..	..
Inangahua	125	250	400	..	525	250	810	775
Ahaura	500	250	20	..	520	250	789	770
Charleston	250	..	..	..	250	..	250	250
Westport, including Addison's, Northern Terraces, Waimangaroa, North Beach, Mokihinui, Karamea, and Lower Buller Valley	335	5	20	..	355	5	359	360
Lyell	42	1	40	..	82	1	96	83
Murchison	146	49	..	..	146	49	197	195
Owen	3	..	8	..	11	..	25	11
	1,591	559	530	..	2,121	559	2,795	2,680
WESTLAND—								
Ross	200	50	10	..	210	50	320	260
Stafford and Goldsborough	450	200	..	..	450	200	670	650
Hokitika and Kanieri	653	107	..	..	653	107	650	760
Kumara	520	100	..	..	520	100	610	620
Greymouth .. .. .	..	..	..	..	..	..	..	..
Arnold	805	458	..	..	805	458	1,251	1,263
Greenstone .. .. .	..	..	..	..	..	..	..	..
Okarito	90	1	..	..	90	1	91	91
Jackson's Bay	36	..	..	..	36	..	19	36
	2,754	916	10	..	2,764	916	3,611	3,680
OTAGO—								
Hindon	106	6	56	..	162	6	66	168
Tuapeka	480	400	40	..	520	400	920	920
Clyde	45	18	..	..	45	18	40	63
Cromwell	320	185	50	..	370	185	570	555
Alexandra	145	40	20	..	165	40	195	205
Roxburgh	255	56	..	..	255	56	245	311
Black's	155	40	15	..	180	40	194	220
Tapanui	30	30	..	..	30	30	60	60
Waikaia, Upper Waikaia, Nokomai, Waikaka, and Waikawa	191	155	10	..	201	155	329	356
Longwood and Merrivale	15	..	6	..	21	..	..	..
Orepuki	110	..	..	..	110	..	512	501
Roundhill	70	300	..	..	70	300	..	..
Wakatipu Goldfields—Arrow, Mace-town, Cardrona, Kawarau, Bracken's, and Motatapu	340	60	25	..	365	60	480	425
Queenstown	350	100	100	..	450	100	650	550
Naseby, Kyeburn, Clarke's and Mt. Burster	150	143	..	..	150	143	370	293
Hamilton, Sowburn, &c.	35	20	..	..	35	20	..	55
Hyde and Fullerton's	65	20	6	..	71	20	62	91
Serpentine .. .. .	..	..	..	..	..	..	31	..
Macrae's, Strath-Taieri, and Shag Valley	45	70	15	..	60	70	115	130
Maerewhenua	60	..	..	..	60	..	72	60
St. Bathans and Ida Valley	128	20	..	..	128	20	165	148
Nenthorn	6	..	100	..	106	..	44	106
Wyndham	120	..	..	..	120	..	..	120
	3,231	1,663	443	..	3,674	1,663	5,120	5,337
SUMMARY.								
AUCKLAND .. .. .	..	..	1,686	..	1,686	..	1,252	1,686
MARLBOROUGH	350	..	54	..	404	..	646	404
NELSON	1,591	559	530	..	2,121	559	2,795	2,680
WESTLAND	2,754	916	10	..	2,764	916	3,611	3,680
OTAGO	3,231	1,663	443	..	3,674	1,663	5,120	5,337
Totals	7,926	3,138	2,723	..	10,649	3,138	13,424	13,787

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