

## INTERCHANGE. COMMERCE.

Customs and  
Excise.

By the Commonwealth of Australia Constitution Act (section 51) the power to make laws with respect to trade and commerce with other countries and among the States was conferred on the Federal Parliament, and by the same Act (section 86) the collection and control of duties of Customs and Excise passed to the Executive Government of the Commonwealth on 1st January, 1901. The first Commonwealth Customs Tariff was assented to on 16th September, 1902, and was made retrospective to 8th October, 1901. Uniform rates of duty were imposed in all the States, and all restrictions on trade between the States were removed with the exception of the right of Western Australia, under the Commonwealth Constitution Act, to levy duty on goods from other States during the first five years after the imposition of uniform duties. In 1906 certain amendments of the Tariff took place. In 1908 a revision of the Tariff was made retrospective to 8th August, 1907. This Tariff is given in detail on p. 465 of the *Year-Book* for 1908-9. In 1910 amendments of some rates of duty in the Tariff of 1908 came into force, and are given on p. 407 of the *Year-Book* for 1910-11, and further amendments which came into operation on 1st December, 1911, are given on p. 355 of the *Year-Book* for 1911-12.

A consolidation of the duties imposed by the Excise Acts in force on 1st January, 1909, is given on page 509 of the *Year-Book* 1908-9. The only amendment of the schedule as there stated is that the duty on sugar has been repealed.

Up to the end of 1902 each State published statistical information regarding its trade, showing countries from and to which articles were imported and exported. Under this arrangement there occurred material differences in the classification of the goods, making it practically impossible to institute accurate comparisons. Arrangements were accordingly made by the Federal Government for uniform tabulation of trade returns in each State, and the information so tabulated was issued for the first time in 1903, and maintained until 1910. On the 13th September of the latter year the Federal Government abandoned the collecting and recording of Inter-State imports and exports, and consequently the trade particulars since available relate exclusively to overseas imports and exports, *i.e.*, direct imports from and exports to countries outside Australia. A further curtailment of particulars in regard to exports took place in 1911, as the distinction that had previously been made between Victorian produce and Australian produce was not then observed, nor has it been subsequently.

Oversea  
imports and  
exports.

The total values and the values per head of population of imports from and exports to overseas countries for the thirteen years 1901-1913 are set forth hereunder :—

### VALUE OF OVERSEA IMPORTS AND EXPORTS, 1901 TO 1913.

Year.	Imports Oversea		Exports Oversea.	
	Total.	Per head of population.	Total.	Per head of population.
	£	£ s. d.	£	£ s. d.
1901 ...	12,686,880	10 10 6	13,075,259	10 16 11
1902 ...	12,857,725	10 11 5	10,369,335	8 10 6
1903 ...	12,339,615	10 2 7	11,185,012	9 3 8
1904 ...	12,743,375	10 9 1	16,172,694	13 5 4
1905 ...	12,957,855	10 11 5	14,028,641	11 8 11
1906 ...	14,855,163	12 0 0	18,110,020	14 12 6
1907 ...	17,101,022	13 12 10	17,112,298	13 13 0
1908 ...	16,433,382	12 19 6	15,165,031	11 19 6
1909 ...	16,531,981	12 18 1	17,842,876	13 18 6
1910 ...	20,002,606	15 7 11	18,188,236	14 0 0
1911 ...	21,850,963	16 10 9	18,915,716	14 6 4
1912 ...	25,081,074	18 10 5	19,113,121	14 2 3
1913 ...	24,387,073	17 10 10	17,835,395	12 16 7

The overseas trade of 1913 is considerably less than that of 1912, but during the period covered by the table imports have increased by £11,700,193, and exports by £4,760,136, which represent increases of £7 Os. 4d. and £1 19s. 8d. per head of population respectively.

The values of the combined overseas and inter-state trade, which are not available since 1909, were as follow, in the ten years 1900-1909 :—

Total imports  
and exports,  
1900-9.

### VALUE OF TOTAL IMPORTS AND EXPORTS, 1900 TO 1909.

Year.	Imports.		Exports.			
	Total.	Per Head of Population.	Gold.	Merchandise.	Total.	Per Head of Population.
	£	£ s. d.	£	£	£	£ s. d.
1900 ...	18,301,811	15 6 9	4,132,061	13,290,491	17,422,552	14 12 0
1901 ...	18,927,340	15 14 8	4,298,528	14,347,569	18,646,097	15 10 0
1902 ...	18,270,245	15 2 8	4,305,697	13,904,826	18,210,523	15 1 8
1903 ...	17,859,171	14 15 6	5,420,974	14,286,094	19,707,068	16 6 0
1904 ...	20,096,442	16 12 10	4,444,011	19,960,906	24,404,917	20 4 2
1905 ...	22,337,886	18 8 5	1,999,297	20,759,531	22,758,828	18 15 5
1906 ...	25,234,402	20 11 4	4,910,177	24,007,815	28,917,992	23 11 4
1907 ...	28,198,257	22 12 4	2,660,544	26,074,460	28,735,004	23 0 11
1908 ...	27,197,696	21 10 2	4,363,078	22,833,123	27,196,201	21 10 2
1909 ...	28,150,198	21 18 6	2,846,981	27,049,294	29,896,275	23 5 8

Imports from  
and exports to  
principal  
countries.

The value of Victorian trade with various overseas countries and the surplus of imports or exports in each case during 1913 are as follows:—

### IMPORTS FROM AND EXPORTS TO OVERSEA COUNTRIES, 1913.

Country.	Value of Imports into Victoria from each Country.	Value of Ex- ports from Victoria to each Country.	Victorian excess of Imports (+) Exports (-)
	£	£	£
United Kingdom .. .. .	14,096,121	9,095,329	+ 5,000,792
Canada .. .. .	289,586	5,383	+ 284,203
Ceylon .. .. .	378,207	164,455	+ 213,752
Fiji .. .. .	166,903	44,664	+ 122,239
Hong Kong .. .. .	133,519	152,632	- 19,113
India (including Burmah) .. .. .	1,080,851	166,115	+ 914,736
Mauritius .. .. .	117,314	26,860	+ 90,454
New Zealand .. .. .	772,194	834,354	- 62,160
Ocean Island .. .. .	170,735	15,327	+ 155,408
South African Union .. .. .	43,631	606,945	- 563,314
Straits Settlements .. .. .	132,642	133,814	- 1,172
Other British Possessions .. .. .	8,412	9,607	- 1,195
Argentina .. .. .	..	173,048	- 173,048
Asia Minor .. .. .	22,673	1,362	+ 21,311
Austria-Hungary .. .. .	38,145	58,652	- 20,507
Belgium .. .. .	683,083	767,749	- 84,666
Canary Islands .. .. .	..	127,542	- 127,542
Cape Verde Islands .. .. .	..	39,265	- 39,265
Chili .. .. .	22,281	..	+ 22,281
China .. .. .	24,808	65,071	- 40,263
East Indies—Borneo (Dutch) .. .. .	1,848	22,628	- 20,780
Celebes .. .. .	801	19,116	- 18,315
Java .. .. .	230,826	135,695	+ 95,131
Sumatra .. .. .	105,244	15,922	+ 89,322
Egypt .. .. .	13,027	149,545	- 136,518
France .. .. .	215,475	2,563,201	- 2,347,726
Germany .. .. .	1,738,678	1,029,433	+ 709,245
Holland (Netherlands) .. .. .	96,668	24,406	+ 72,262
Italy .. .. .	128,951	211,308	- 82,357
Japan .. .. .	328,127	176,638	+ 151,489
Norway .. .. .	357,740	729	+ 357,011
Peru .. .. .	65,130	112,571	- 47,441
Philippine Islands .. .. .	41,281	102,661	- 61,380
Portuguese East Africa .. .. .	..	99,914	- 99,914
Russia .. .. .	649	4,044	- 3,395
Siberia .. .. .	43,036	..	+ 43,036
South Sea Islands .. .. .	40,525	8,046	+ 32,479
Sweden .. .. .	191,787	3,336	+ 188,451
United States of America .. .. .	2,580,362	632,996	+ 1,947,366
Other Foreign Countries .. .. .	25,813	35,032	- 9,219
Total .. .. .	24,387,073	17,835,395	+ 6,551,678

The overseas trade in 1913 shows an excess in the value of imports amounting to £6,551,678, and it will be observed that this excess is due principally to the state of the trade with British countries. The excess in favour of imports from these countries was £6,134,630, there

being a balance of imports to the amount of £6,781,584 as regards the United Kingdom, India, Canada, Ceylon, Ocean Island, Fiji, and Mauritius; and a balance of exports amounting to £646,954 in respect of the remaining British countries. As regards foreign countries, the value of the imports from the United States was greater by £1,947,366 than that of exports thereto; while, on the other hand, exports to France showed a surplus over imports of £2,347,726. The value of all goods received from other foreign countries exceeded that of goods sent thereto by the sum of £817,408.

The value of the trade with the leading countries of the world in each of the last five years was as specified hereunder:—

### IMPORTS FROM AND EXPORTS TO PRINCIPAL COUNTRIES, 1909 TO 1913.

Countries.	1909.	1910.	1911.	1912.	1913.
Imports.					
From—	£	£	£	£	£
Other Australian States	11,618,217	*	*	*	*
New Zealand ...	861,313	925,819	978,677	999,958	772,194
United Kingdom ...	9,946,089	11,648,160	12,502,234	14,631,958	14,096,121
India, Burmah and Ceylon	980,719	1,358,721	1,128,654	1,124,888	1,459,058
South African Union	16,663	26,114	16,454	60,148	43,631
Other British Possessions	452,736	625,927	663,140	749,888	1,019,111
Belgium ...	338,908	418,719	608,891	613,955	683,083
France ...	152,441	184,207	250,411	226,343	215,475
Germany ...	1,205,359	1,338,612	1,631,455	1,878,043	1,738,678
United States of America	1,556,997	2,211,517	2,592,032	2,913,341	2,580,362
Other Foreign Countries	1,020,756	1,264,810	1,479,015	1,882,552	1,779,360
Total ...	28,150,198	20,002,606†	21,850,963†	25,081,074†	24,387,073†
Exports.					
To—	£	£	£	£	£
Other Australian States	12,053,399	*	*	*	*
New Zealand ...	1,117,807	945,019	805,029	781,723	834,354
United Kingdom ...	8,871,161	10,259,719	10,507,025	9,023,343	9,095,329
India, Burmah and Ceylon	548,070	334,936	802,255	2,476,143	330,570
South African Union	643,870	569,055	567,781	434,728	606,945
Other British Possessions	243,136	297,418	369,420	408,186	388,287
Belgium ...	747,510	809,609	755,106	812,674	767,749
France ...	1,954,548	2,441,502	2,407,978	2,136,898	2,563,201
Germany ...	872,461	1,071,391	801,302	1,287,540	1,029,433
United States of America	1,169,762	473,467	412,160	331,259	632,996
Other Foreign Countries	1,674,551	986,120	1,487,660	1,420,627	1,586,531
Total ...	29,896,275	18,188,236†	18,915,716†	19,113,121†	17,835,395†

\* No record.

† Exclusive of Inter-State trade.

In 1909, the last year for which such information is available, Victoria's trade with the other Australian States represented 41 per cent. of the total imports and 40 per cent. of the total exports, and the exports to such States exceeded the imports therefrom by £435,182. In each of the last five years exports were of greater value than imports in the trade with South Africa, Belgium, and France; but, in trade with the United Kingdom and the United States of America, the value of imports was greater than that of exports. There was an excess of exports in trade with New Zealand in 1909, 1910, and 1913, and with India, Burmah, and Ceylon in 1912; but in other years there was an excess of imports from those countries.

The principal articles imported from overseas countries into Victoria during the year 1913 are shown in the subjoined statement:—

### VALUES OF PRINCIPAL ARTICLES IMPORTED OVERSEA INTO VICTORIA, 1913.

Articles.	Values.	Articles.	Values.
	£		£
Acids .. ..	31,471	Electrical Articles and Materials ..	233,513
Ale, Beer, and Porter .. ..	122,494	Fancy Goods .. ..	119,289
Alkalies .. ..	64,654	Feathers, Dressed and Undressed ..	77,406
Animals—Horses .. ..	41,204	Fibre—Flax, Hemp, &c. ..	152,420
Apparel and Attire .. ..	993,922	Fish—Fresh and Preserved ..	204,411
Apparel—Minor articles for ..	149,499	Floor Coverings, Floor Rugs ..	251,781
Arms, Ammunition, and Explosives .. ..	209,491	Fruits—Dried and Preserved ..	32,418
Bags and Sacks .. ..	600,322	Fresh .. ..	145,187
Bags, Purses, N.E.I., Wallets, Baskets, Boxes, Trunks, &c. ..	90,449	Furniture .. ..	58,003
Belting—Composition, Leather, and Rubber .. ..	30,228	" minor articles for ..	31,177
Books, printed .. ..	260,024	Furs .. ..	37,258
Boots, Shoes, and Goloshes, &c. ..	141,287	Gelatine and Glue .. ..	19,407
" minor articles for ..	31,849	Glass and Glassware .. ..	181,166
Brass—Pipes and tubes, sheet, plate, &c. .. ..	31,454	Gloves .. ..	189,809
Brushware .. ..	45,992	Gold—Bullion and Specie ..	338,749
Calcium, Carbide of .. ..	30,242	Grain—	
Canvas and Duck .. ..	107,129	Rice .. ..	108,098
Caramel and Caramel Paste ..	15,335	Other—Prepared and Unprepared .. ..	28,594
Carpets and Carpeting .. ..	52,195	Gums, dry .. ..	43,723
Cement, Portland .. ..	67,788	Hats, Caps, and Bonnets ..	185,609
China, Porcelain and Earthenware ..	46,706	" minor articles for ..	61,150
Ware .. ..	24,916	Hessians, &c. .. ..	117,784
Clocks .. ..	94,126	Hops .. ..	29,602
Cocoa, Cocoa Beans, and Chocolate .. ..	47,447	Insecticides and Disinfectants, &c. .. ..	23,173
Coffee and Coffee and Chicory ..	153,985	Instruments—Musical, and parts thereof—	
Confectionery .. ..	118,866	Pianos .. ..	128,993
Copper—Pipes and tubes, sheet, plate, wire, &c. .. ..	148,046	Other .. ..	42,393
Cordage and Twines—	86,015	Instruments—	
Sewing Silks, Twists, Cottons, &c. .. ..	157,784	Surgical and Dental .. ..	37,595
Other .. ..	45,961	Scientific, &c. .. ..	16,127
Cosies, Cushions, Drapery for furniture, &c. .. ..	35,246	Kinematographs, Bioscopes, &c. .. ..	52,978
Cotton—Raw, Waste, &c. .. ..	82,015	Talking Machines, &c. ..	15,933
Curtains and Blinds .. ..	155,958	Iron and Steel—	
Cutlery .. ..	21,674	Bar, Rod, Angle, and Tee ..	362,075
Drugs and Chemicals .. ..	87,094	Girders, Beams, Joists, &c. ..	144,049
Dyes .. ..		Ingots and Blooms .. ..	67,206
Earthenware, Brownware, &c. ..		Pig .. ..	82,323
		Plate and Sheet .. ..	644,897
		Other .. ..	79,480
		Jewellery and Imitation Jewellery .. ..	141,045

# VALUES OF PRINCIPAL ARTICLES IMPORTED OVERSEA INTO VICTORIA, 1913—continued.

Articles.	Values.	Articles.	Values.
	£		£
Kapok .. ..	35,493	Rails, Fishplates, &c. ..	234,080
Lamps and Lampware ..	61,882	Rubber and Rubber Manufac- tures .. ..	616,654
Leather .. ..	250,360	Rugs, Lap Dusters, Floor Rugs, &c. .. ..	23,230
Leather Manufactures, N.E.I. ..	13,887	Sago and Tapioca .. ..	16,875
Leatherware, minor articles for ..	13,298	Sausage Casings .. ..	33,456
Machines and Machinery—		Seeds .. ..	64,983
Agricultural .. ..	265,520	Silver—Bullion and Specie ..	104,091
Electrical and Gas .. ..	282,913	Skins and Hides .. ..	140,326
Engines .. ..	61,792	Soap .. ..	45,728
Motive Power .. ..	150,472	Spices .. ..	36,114
Printing .. ..	70,175	Spirits—	
Sewing .. ..	83,501	Brandy .. ..	45,318
Other .. ..	332,711	Gin and Schnapps .. ..	40,928
Machines and Machine Tools,		Whisky .. ..	174,823
N.E.I. .. ..	92,604	Other .. ..	47,945
Manures .. ..	231,757	Stationery, manufactured, &c. ..	96,074
Matches and Vestas .. ..	49,406	Stone, Marble, and Slate ..	40,192
Medicines .. ..	70,474	Sugar .. ..	350,943
Metals, Manufactures of—		Glucose .. ..	22,969
Bolts and Nuts .. ..	40,077	Sulphur, Brimstone .. ..	56,164
Pipes and Tubes .. ..	192,755	Tea .. ..	519,046
Wire .. ..	198,501	Tiles .. ..	20,449
Wire Netting .. ..	123,770	Timber—	
Other .. ..	564,302	Undressed N.E.I. .. ..	511,880
Nuts, Edible .. ..	45,510	Dressed, N.E.I. .. ..	300,995
Oilmen's Stores .. ..	60,270	Logs and Spars in the Rough .. ..	76,254
Oils, Bottled and in bulk—		Other .. ..	62,166
Benzine .. ..	134,513	Tinned Plates and Sheets (plain)	185,775
Kerosene .. ..	107,804	Tobacco, Cigars, and Cigarettes	398,751
Linseed .. ..	54,599	Tools of Trade (not being ma- chine tools) .. ..	198,020
Lubricating .. ..	65,625	Trimnings and Ornaments ..	182,576
Other .. ..	123,815	Turpentine .. ..	26,057
Paints and Colours .. ..	143,311	Varnishes .. ..	29,343
Paper—		Vehicles and parts thereof—	
Printing .. ..	335,588	Motor Bodies and Chassis ..	538,297
Writing and Typing .. ..	105,576	Other .. ..	252,709
Other, including Millboard, Strawboard, Paperhang- ings .. ..	225,086	Vessels (ships) .. ..	727,763
Perfumery, &c. .. ..	35,186	Watches and Chronometers ..	52,185
Photographic Goods and Access- ories .. ..	30,054	Waxes .. ..	40,761
Pickles and Sauces .. ..	21,807	Wines .. ..	60,472
Piece Goods—		Wood, Articles made of .. ..	50,735
Cottons and Linens .. ..	1,582,594	Yarns .. ..	243,753
Silks .. ..	446,700	All other Articles .. ..	847,192
Velvets and Velvetenees .. ..	397,658		
Woollens .. ..	723,605		
Other .. ..	88,298		
Pipes, Smoking .. ..	47,858		
		Total .. ..	24,387,073

## Principal exports.

The principal articles exported to oversea countries from Victoria during the year 1913 were as shown hereunder:—

# VALUES OF PRINCIPAL ARTICLES EXPORTED OVERSEA FROM VICTORIA, 1913.

Articles.	Values.	Articles.	Values.
	£		£
Ammonia, Sulphate .. ..	18,858	Fruits—Fresh, Dried, and Pre- served .. ..	186,089
Animals—		Gold—Bullion, Ore and Specie ..	624,264
Horses .. ..	55,356	Grain, &c.—	
Sheep .. ..	34,420	Wheat .. ..	2,053,454
Biscuits .. ..	42,150	Flour .. ..	710,416
Books (Printed), &c. .. ..	43,577	Other, Prepared and Un- prepared .. ..	57,664
Butter .. ..	1,681,987	Hay and Chaff .. ..	18,353
Confectionery, &c. .. ..	12,729		
Fodder (Compressed) .. ..	31,542		

# VALUES OF PRINCIPAL ARTICLES EXPORTED OVERSEA FROM VICTORIA, 1913—continued.

Articles.	Values.	Articles.	Values.
	£		£
Jams and Jellies .. ..	20,698	Rubber and Rubber Manufac- tures .. ..	76,788
Jewellery, Cameos, and Pre- cious Stones .. ..	50,925	Sausage Casings .. ..	45,965
Lard and Refined Animal Fats ..	68,663	Silver—Bullion, Ore, and Specie	82,809
Leather .. ..	227,497	Skins and Hides .. ..	1,688,409
Machines and Machinery—		Soap .. ..	30,256
Agricultural .. ..	194,464	Sugar .. ..	13,201
Other .. ..	72,990	Tallow—Unrefined .. ..	371,316
Manures .. ..	50,305	Tea .. ..	27,651
Meats—		Timber .. ..	11,827
Mutton and Lamb (Frozen) ..	1,296,741	Tin Ingots .. ..	232,817
Beef (Frozen) .. ..	146,106	Tobacco, Cigars, and Cigarettes	70,859
Rabbits and Hares (Frozen) ..	107,818	Vessels (ships) .. ..	345,000
Other .. ..	84,141	Wines .. ..	87,970
Metals, Manufactures of .. ..	22,723	Wool .. ..	6,282,291
Milk .. ..	53,903	All other Articles .. ..	345,413
Oilmen's Stores .. ..	24,927		
Oils—Bottled and in bulk .. ..	55,137		
Onions .. ..	12,253		
Ores other than Gold and Silver			
Ores .. ..	62,673	Total .. ..	17,835,395

Principal  
articles of  
trade.

A list of the principal articles of trade between Victoria and oversea countries during the last five years is as follows:—

# VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO OVERSEA COUNTRIES, 1909 TO 1913.

Articles.	Value in Year.				
	1909.	1910.	1911.	1912.	1913.
	£	£	£	£	£
<i>Imported into Victoria from Oversea Countries.</i>					
Piece Goods .. ..	2,904,304	3,267,755	3,388,987	3,525,788	3,238,855
Iron and Steel .. ..	781,347	1,064,648	1,177,275	1,294,912	1,380,030
Machines and Machinery .. ..	818,657	1,013,723	1,218,516	1,449,019	1,339,688
Metal Manufactures .. ..	859,687	970,688	1,145,484	1,398,562	1,119,405
Apparel and Attire .. ..	586,574	699,809	797,566	1,049,221	993,922
Timber .. ..	616,348	847,139	1,107,317	979,354	951,295
Vehicles and parts .. ..	315,332	403,548	530,012	842,840	791,006
Paper, Paperhangings, &c. ..	433,459	524,450	600,535	686,118	666,250
Rubber and Rubber Manufac- tures .. ..	305,696	396,419	568,740	543,125	616,654
Tea .. ..	420,720	503,152	517,172	527,618	519,046
Oils .. ..	379,212	472,160	432,768	602,593	486,356
Tobacco, Cigars, and Cigarettes	261,344	312,699	369,191	424,172	398,751
Gold—Bullion .. ..	407,260	411,976	541,268	333,796	238,749
All Other Articles .. ..	7,442,041	9,114,435	9,456,132	11,418,961	11,647,066
Total .. ..	16,531,981	20,002,606	21,850,963	25,081,074	24,387,073
<i>Exported from Victoria to Oversea Countries.</i>					
Wool .. ..	7,004,623	7,190,789	6,255,599	6,990,918	6,282,291
Wheat and Flour .. ..	3,440,777	3,701,039	4,221,961	2,436,654	2,763,870
Skins and Hides .. ..	1,088,384	1,296,516	1,089,451	1,329,400	1,688,409
Butter .. ..	1,100,459	1,780,044	2,361,587	1,545,771	1,681,987
Meat .. ..	513,866	912,192	996,388	935,293	1,634,806
Gold—Specie .. ..	2,037,927	423,264	1,084,479	3,155,987	611,025
Tallow .. ..	214,080	378,924	480,256	324,497	371,316
Tin Ingots .. ..	249,669	241,896	338,982	346,118	282,817
Leather .. ..	190,909	177,976	151,552	253,914	227,497
All Other Articles .. ..	2,002,182	2,080,596	1,935,461	1,794,569	2,291,377
Total .. ..	17,842,876	18,188,236	18,915,716	19,113,121	17,835,395

It is worthy of notice that, during the last five years, the larger portion of the oversea trade consisted of imports, also that these were composed mainly of manufactured goods, and contained a greater variety of articles than in the case of exports. The latter were accounted for almost entirely by a small number of agricultural, pastoral, or mineral products. The value of wool exported exceeded that of the four principal items included in the imports, while the value of the three leading articles exported almost equalled that of the thirteen leading articles imported. The varied nature of the imports is shown by the fact that the thirteen principal articles represented only 55 per cent. of the total value; in the case of the exports, on the other hand, 89 per cent. of the value came under nine headings.

Trade with  
United  
Kingdom. Victorian trade with the United Kingdom has increased from £16,874,668 in 1908 to £23,655,301 in 1912, and amounted to £23,191,450 in 1913. The value of imports exceeded that of exports by £1,816,804 in 1908, by £5,608,615 in 1912, and by £5,000,792 in 1913. The principal articles imported from and exported to the United Kingdom in the last six years were as follows—

### VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO THE UNITED KINGDOM, 1908 TO 1913.

Articles.	Value.					
Imported into Victoria from United Kingdom.	1908.	1909.	1910.	1911.	1912.	1913.
Piece Goods—	£	£	£	£	£	£
Cotton and Linen ..	1,064,356	1,248,104	1,424,097	1,511,023	1,517,049	1,478,876
Woolen ..	665,632	643,832	724,447	791,258	826,701	715,566
Velvets, &c. ..	358,984	448,431	459,633	352,376	427,864	346,383
Silk ..	295,572	293,066	323,947	323,193	299,954	292,338
Iron and Steel ..	524,988	606,430	770,696	800,117	885,441	925,224
Apparel and Attire ..	404,917	494,324	581,195	651,798	880,066	827,118
Machines, Tools, and Im- plements ..	451,195	550,399	641,408	688,147	912,090	751,667
Vessels (Ships) ..	460,000	264,000	310,500	10,000	245,210	705,000
Vehicles and Parts ..	197,352	234,833	266,537	306,493	460,073	457,529
Paper, Paperhangings, &c.	260,404	277,096	326,348	339,937	354,795	396,333
Books ..	174,746	205,041	208,635	251,904	267,200	229,853
All other Articles ..	4,427,590	4,680,533	5,610,717	6,475,988	7,555,515	6,970,234
Total ..	9,345,736	9,946,089	11,648,160	12,502,234	14,631,958	14,096,121
Exported from Victoria to United Kingdom.						
Wool ..	3,269,901	2,905,230	3,365,410	3,261,235	3,573,697	2,701,688
Butter ..	868,068	936,675	1,595,268	2,178,650	1,360,978	1,520,499
Meat, Frozen—						
Beef, Mutton and Lamb	407,078	414,443	796,255	815,147	781,126	1,387,961
Rabbits and Hares ..	82,335	80,729	67,921	65,351	55,626	104,723
Wheat and Flour ..	533,332	2,547,669	2,424,848	2,137,643	1,220,403	1,291,836
Hides and Skins ..	407,405	553,529	568,619	442,005	574,036	622,899
Tin Ingots ..	294,358	238,184	219,162	294,363	286,154	186,478
Tallow ..	104,555	174,096	286,850	318,780	190,428	172,547
Leather ..	147,111	130,566	92,704	84,782	169,138	157,068
Gold (Bullion and Specie)	811,160	213,020	34,098	313,372	342,011	58,000
Copper ..	189,991	250,882	285,320	48,299	160	
All other Articles ..	413,638	426,138	523,264	547,448	460,586	891,630
Total ..	7,528,932	8,871,161	10,259,719	10,507,025	9,023,343	9,095,329



Imports from the United Kingdom are chiefly made up of manufactures, while exports thereto from Victoria consist almost entirely of agricultural, pastoral, and mineral products. It will be observed in the figures for 1913 that, of the imports, piece goods and apparel and attire represent 26 per cent. of the total, also that, of the exports, wool is responsible for 30 per cent., and if to its value be added that of butter, frozen meat, and wheaten flour, 77 per cent. of the total is accounted for.

In 1913 the value of exports to New Zealand was about 8 per cent. more, and that of imports therefrom was nearly 4 per cent. less, than in 1908. In the latter up to 1913 there was an annual increase over the period, whilst in the former a substantial increase was recorded in 1909, the figures for which have not been reached since. The principal articles imported and exported during the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO NEW ZEALAND, 1908 TO 1913.

Articles.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
Imported into Victoria from New Zealand.						
Gold—Bullion .. .. .	£ 342,659	£ 407,215	£ 411,052	£ 541,132	£ 338,500	£ 238,613
Timber .. .. .	160,142	134,093	151,631	173,828	202,922	160,720
Skins and Hides .. .. .	105,080	110,146	99,847	68,248	48,515	76,485
Flax and Hemp .. .. .	53,992	59,750	57,717	17,965	32,116	62,531
Animals (horses, cattle, sheep, and pigs)	14,527	30,522	91,482	71,190	30,908	30,567
Fish .. .. .	13,646	16,705	17,150	21,679	23,159	17,254
Seeds .. .. .	16,425	13,952	18,667	9,254	20,526	12,582
Machines, Tools, and Implements .. .. .	7,224	7,083	6,226	6,220	10,722	4,236
Books .. .. .	1,952	3,709	3,931	5,390	2,951	3,545
Meat, preserved in tins .. .. .	4,624	2,618	2,142	1,577	7,421	1,251
All other Articles .. .. .	82,576	75,520	65,974	62,194	282,218	164,410
Total .. .. .	802,847	861,313	925,819	978,677	999,958	772,194
Exported from Victoria to New Zealand.						
Gold—Specie .. .. .	50,000	600,000	306,108	100,000	150,000	250,000
Rubber manufactures .. .. .	40,833	38,396	60,626	91,181	61,386	71,846
Tobacco, manufactured .. .. .	65,699	69,435	64,058	65,425	75,291	66,652
Manures .. .. .	22,687	14,915	19,542	27,798	30,881	42,265
Books .. .. .	22,802	24,396	26,846	36,964	44,267	33,711
Machinery .. .. .	34,097	35,692	37,579	31,575	35,728	27,527
Tea .. .. .	22,194	18,745	38,912	42,850	38,532	27,289
Rice and Rice Meal .. .. .	14,350	11,119	11,517	19,565	17,876	18,673
Leather .. .. .	25,429	22,900	26,938	24,375	19,475	15,058
Fruits—Dried .. .. .	8,925	1,418	4,725	5,321	17,059	7,775
All other Articles .. .. .	466,541	280,791	348,168	359,975	291,228	273,558
Total .. .. .	773,557	1,117,807	945,019	805,029	781,723	834,354

In 1913 the imports from New Zealand were less than the exports thereto by  $7\frac{1}{2}$  per cent. Leaving gold out of consideration, it will be observed that the articles imported are not very numerous, as, in 1913

the items specified accounted for about 69 per cent. of the total, whilst the varied character of the exports is evidenced by the fact that over the six years the nine leading items made up only 47 per cent. of the total.

Trade with India (including Burmah) and Ceylon, which amounted to 4 per cent. of the Victorian oversea trade in 1913, was greater by £312,774 than in 1908, the value of the imports being more by £549,719, but that of the exports less by £236,945. The principal articles interchanged during the last six years were as follows:—

### VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO INDIA AND CEYLON, 1908 TO 1913.

Articles.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
Imported into Victoria from India and Ceylon.	£	£	£	£	£	£
Bags and Sacks ..	336,739	414,848	600,472	405,166	264,596	588,270
Tea .. ..	313,122	363,165	422,943	400,641	443,239	451,389
Rice .. ..	48,761	49,544	55,578	67,854	118,629	89,245
Hessian .. ..	53,370	46,159	56,332	50,847	63,476	87,520
Rubber and Rubber Manufactures .. ..	5,143	2,336	19,473	10,618	43,539	66,904
Pig Iron .. ..	7,288	6,675	13,927	20,229	20,264	24,155
Coffee .. ..	10,677	18,886	17,606	22,087	27,227	22,904
Nuts .. ..	3,428	6,801	10,589	11,301	12,412	14,609
Cotton (raw) ..	8,458	8,425	21,476	14,563	11,680	9,813
Skins .. ..	39,996	25,619	64,126	10,628	20,543	7,506
All other Articles ..	82,357	86,705	127,163	114,720	99,283	96,843
<b>Total .. ..</b>	<b>909,339</b>	<b>1,027,163</b>	<b>1,409,685</b>	<b>1,128,654</b>	<b>1,124,888</b>	<b>1,459,058</b>
Exported from Victoria to India and Ceylon.						
Gold (Bullion and Specie) ..	372,889	399,602	162,601	611,792	2,299,703	144,087
Horses .. ..	63,156	60,171	80,880	67,764	57,681	37,769
Wool .. ..	21,600	15,915	21,693	20,797	16,463	23,886
Wheat and Flour ..	56,019	17,761	9,888	11,683	20,234	19,698
Hay and Chaff ..	4,647	4,562	8,644	10,606	15,003	14,333
Soap .. ..	7,562	6,890	7,800	8,969	8,815	11,709
Biscuits .. ..	5,097	6,195	6,475	6,179	6,084	6,834
Butter .. ..	5,366	4,705	6,307	6,531	7,169	6,396
Oats .. ..	2,595	5,392	5,890	5,952	1,309	3,553
Tallow .. ..	3,384	2,897	3,367	3,200	2,459	54,401
All other Articles ..	25,200	31,519	30,922	48,782	41,223	
<b>Total .. ..</b>	<b>567,515</b>	<b>555,609</b>	<b>344,467</b>	<b>802,255</b>	<b>2,476,143</b>	<b>330,570</b>

The import trade from India and Ceylon is largely made up of jute goods, tea, and rice, whose value in 1913 formed over 83 per cent. of the total. In return gold was the leading item of exchange, outside of which the export trade in horses was the only business of importance, all other exports in 1913 being responsible for only 45 per cent. of the total.

Trade with  
Belgium.

Imports from Belgium have increased by 84 per cent. in the last six years, and exports thereto by 53 per cent. in the same period. That country accounted for about 3 per cent. of Victoria's oversea trade in each of the years 1908 and 1913. The principal articles of trade with Belgium in the last six years were as follows :—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO BELGIUM, 1908 TO 1913.

Articles.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
Imported into Victoria from Belgium.						
Iron and Steel .. ..	£ 78,287	£ 73,758	£ 121,098	£ 168,073	£ 127,968	£ 205,932
Glass and Glassware .. ..	31,845	40,531	39,671	52,672	52,521	54,718
Copper .. ..	15,699	11,714	9,748	3,802	21,361	28,872
Cameos and Precious Stones .. ..	43,105	35,567	34,858	59,419	31,596	26,947
Vehicles, and parts .. ..	8,660	14,452	16,771	30,205	33,854	25,910
Paper, Paperhangings, &c. .. ..	22,408	14,807	20,748	24,722	25,290	25,052
Wire and Wire Netting .. ..	19,785	21,415	20,868	23,028	24,342	24,272
Confectionery .. ..	1,526	621	968	5,359	22,951	22,122
Piece Goods .. ..	9,296	9,815	16,506	19,552	20,794	20,700
Wine .. ..	15,472	14,819	7,554	20,656	17,178	15,779
All other Articles .. ..	124,210	101,409	129,929	201,403	206,100	232,779
Total .. ..	370,293	338,908	418,719	608,891	613,955	683,083
Exported from Victoria to Belgium.						
Wool .. ..	335,589	458,475	381,183	365,026	442,832	387,793
Hides and Skins .. ..	96,999	204,490	241,635	194,814	233,806	280,705
Tallow .. ..	1,502	9,040	18,993	55,650	24,358	40,085
Wheat .. ..		9,896	105,239	78,800	59,362	30,945
Cameos and Precious Stones .. ..	3,087	1,626	1,791	3,132	17,393	9,085
Leather .. ..	23,755	22,700	23,397	9,050	11,119	6,010
Ores—Silver, Lead, &c. .. ..	35,689	34,936	23,342	22,098	16,370	120
All other Articles .. ..	3,386	6,347	14,029	26,536	7,434	13,006
Total .. ..	500,007	747,510	809,609	755,106	812,674	767,749

In each of the last six years exports to Belgium exceeded imports therefrom. In exports the principal articles in 1913 were wool and hides and skins, together representing 87 per cent. of the total; if to these be added the other five articles specified in the above table, less than 2 per cent. is unaccounted for.

With France, the principal trade is in exports, which in 1913 amounted to £2,563,201, as against imports of £215,475. The increase in the total trade in the last six years was £1,010,617, viz., exports £973,773, and imports £36,844. The principal

Trade with  
France.

articles imported from and exported to France in the years 1908 to 1913 were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO FRANCE, 1908 TO 1913.

Articles.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
Imported into Victoria from France.						
	£	£	£	£	£	£
Cream of Tartar ..	48,668	41,778	33,314	50,002	51,323	47,463
Piece Goods ..	10,218	11,443	15,504	28,935	34,867	34,330
Wine ..	6,660	2,957	12,817	11,874	10,588	17,021
Rubber Manufactures ..	1,960	615	2,171	3,554	4,753	15,899
Vehicles, and parts ..	2,860	2,116	22,524	26,117	10,911	9,678
Cameos and Precious Stones	3,953	17,707	3,183	9,774	7,108	5,128
Gelatine, &c. ..	2,100	2,278	6,034	5,589	4,102	4,040
Corks, Cork Mats, &c. ..	7,639	6,090	5,201	6,965	4,698	3,148
Acids ..	14,437	6,162	4,951	9,691	3,562	1,822
All other Articles ..	80,136	61,295	78,508	97,910	94,476	76,946
Total ..	178,631	152,441	184,207	250,411	226,343	215,475
Exported from Victoria to France.						
Wool ..	1,330,715	1,683,732	1,967,053	1,465,492	1,668,081	1,792,625
Hides and Skins ..	246,898	243,352	397,204	390,989	437,967	675,689
Wheat ..	4,103	5,040	49,075	499,428	1,197	43,545
Tallow ..	4,366	10,385	24,074	38,822	24,955	40,122
Horns ..	827	1,093	255	995	272	611
All other Articles ..	2,519	10,946	3,841	12,252	4,426	10,609
Total ..	1,589,428	1,954,548	2,441,502	2,407,978	2,136,898	2,563,201

Imports direct from France, of which more than one-fifth consisted of cream of tartar, did not in 1913 indicate the extent to which articles produced in France were received in Victoria, as it is shown on page 239 that goods of French origin to the extent of £879,718 were imported in that year. The value of exports was practically covered by that of wool and hides and skins, as all other items accounted for less than 4 per cent. of the total.

The trade with Germany amounted to £3,321,138 in 1908, and £2,768,111 in 1913, or to  $10\frac{1}{2}$  and  $6\frac{1}{2}$  per cent. respectively of the total with oversea countries. The imports for 1913 were worth £433,076 more, but the exports £986,103 less, than in 1908, though if gold be excluded the exports would show an

increase of £423,897 during the period. The principal articles interchanged with Germany during the last six years were as follows.—

### VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO GERMANY, 1908 TO 1913.

Articles.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
<b>Imported into Victoria from Germany.</b>						
Rubber and Rubber Manufactures .. ..	£ 57,777	£ 95,373	£ 60,279	£ 110,029	£ 109,123	£ 147,570
Machines, Tools, and Implements .. ..	89,810	70,191	84,557	127,718	123,100	127,781
Pianos .. ..	78,784	69,753	81,523	119,392	149,602	110,658
Apparel and Attire .. ..	46,009	62,059	74,351	82,381	95,703	98,354
Wire and Wire Netting .. ..	131,718	112,284	136,739	125,627	97,436	98,080
Piece Goods .. ..	68,819	53,956	65,851	60,900	80,851	76,352
Paper, Paperhangings, &c. .. ..	110,103	56,024	77,494	91,416	83,719	66,609
Vehicles and parts .. ..	27,557	23,777	16,523	24,533	60,922	82,383
Glass and Glassware .. ..	34,673	26,758	33,523	39,973	58,259	58,740
Iron and Steel .. ..	24,213	31,662	61,167	39,174	78,205	48,267
All other Articles .. ..	636,139	603,522	646,605	810,312	950,073	823,844
<b>Total ..</b>	<b>1,305,602</b>	<b>1,205,359</b>	<b>1,338,612</b>	<b>1,631,455</b>	<b>1,878,043</b>	<b>1,738,678</b>
<b>Exported from Victoria to Germany.</b>						
Wool .. ..	533,050	792,840	952,760	688,166	934,723	716,127
Tin Ingots .. ..	1,250	..	5,542	10,842	33,397	79,659
Apples—Fresh .. ..	9,630	17,405	14,080	17,213	28,149	63,544
Wheat .. ..	..	9,003	39,089	11,931	16,873	39,945
Ores .. ..	2,958	1,436	3,770	3,072	16,146	36,817
Sausage Casings .. ..	11,698	10,596	12,431	13,400	15,170	14,471
Hides and Skins .. ..	31,961	17,733	9,908	7,711	4,465	11,468
Tallow .. ..	59	940	11,100	15,803	3,282	6,478
Gold—Specie .. ..	1,410,000	..	..	..	200,000	..
All other Articles .. ..	14,930	22,508	22,711	33,164	35,335	60,924
<b>Total ..</b>	<b>2,015,536</b>	<b>872,461</b>	<b>1,071,391</b>	<b>801,302</b>	<b>1,287,540</b>	<b>1,029,433</b>

The articles imported from Germany are very varied in character, as may be seen from the fact that only half their total value is accounted for in the ten leading items shown above. In exchange for the imports, 59 per cent. of their value was returned in merchandise in 1913. Of the exports for that year 70 per cent. consisted of wool.

Trade with the United States in 1913 amounted to **Trade with United States.** £3,213,358, of which £2,580,362 represented imports. As compared with the year 1908, this trade had increased by £555,901, there having been a growth of £498,768 in imports and of £57,133 in exports. The exports in 1913 were worth 46 per cent. less than in 1909, but 91 per cent. more than in 1912, the reduction

since 1909 being due principally to a shrinkage in exports of wool. The principal articles included in the trade with the United States in the last six years were as follows :—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO THE UNITED STATES, 1908 TO 1913.

ARTICLES.	Value.					
	1908.	1909.	1910.	1911.	1912.	1913.
Imported into Victoria from the United States.						
	£	£	£	£	£	£
Machines, Tools, and Im- plements .. .. .	316,072	275,114	386,178	477,271	494,569	505,743
Timber .. .. .	292,139	141,269	249,808	325,668	326,885	321,429
Tobacco, Cigars, and Cigarettes .. .. .	190,792	140,945	249,345	286,783	220,255	230,504
Oil .. .. .	202,342	226,155	301,867	207,004	335,901	228,976
Iron and Steel .. .. .	58,801	51,422	76,225	115,671	163,042	161,038
Leather .. .. .	50,045	54,319	30,207	50,396	75,927	124,232
Vehicles, and parts .. .. .	31,533	24,166	47,702	85,905	147,943	116,658
Wire and Wire Netting .. .. .	78,440	51,923	52,978	89,781	96,724	74,534
Piece Goods .. .. .	25,445	18,736	27,554	65,981	66,370	36,993
Paper, Paperhangings, &c. .. .. .	96,685	51,054	56,530	43,592	74,393	33,962
Rails, Fishplates, &c. .. .. .	109,368	53,203	129,530	139,686	41,828	2,760
All other Articles .. .. .	629,932	468,691	603,593	704,294	869,504	743,534
Total .. .. .	2,081,594	1,556,997	2,211,517	2,592,032	2,913,341	2,580,362
Exported from Victoria to the United States.						
Wool .. .. .	496,739	1,103,807	391,985	362,072	260,318	500,202
Hides and Skins .. .. .	41,025	57,867	63,719	35,687	60,891	89,530
Eucalyptus Oil .. .. .	1,102	1,747	1,986	3,926	1,060	4,993
Leather .. .. .	1,555	1,762	3,208	3,601	2,064	1,194
Copper in matte .. .. .	21,264	..	535	..	..	..
Silver in matte .. .. .	3,895	..	61	..	..	..
Gold in matte .. .. .	4,138	..	54	..	..	..
All other Articles .. .. .	6,145	4,579	11,919	6,874	6,926	37,077
Total .. .. .	575,863	1,169,762	473,467	412,160	331,259	632,996

The imports from the United States cover a wide range of articles, as after the four leading items, which account for 50 per cent., the next largest seven are responsible for only 21 per cent. of the total, and 29 per cent. of the whole is made up of articles of much smaller value. The exports to that country in 1913 were equivalent to less than one-fourth of the imports, and consisted principally of wool, which accounted for 79 per cent. of the total.

The value of the imports from different countries does not represent the value of the produce of such countries received by Victoria. In the next table the country of shipment is contrasted with the country of origin of the oversea imports for 1913.

### OVERSEA IMPORTS, 1913—COUNTRY OF SHIPMENT AND COUNTRY OF ORIGIN.

Country.	Value of Oversea Imports.		Percentage of Oversea Imports.	
	Imported from each Country.	Produced in each Country.	Imported from each Country.	Produced in each Country.
	£	£		
Canada ... ..	289,586	338,297	1·187	1·387
Ceylón ... ..	378,207	379,405	1·551	1·556
Fiji ... ..	166,903	165,788	·684	·680
Hong Kong ... ..	133,519	1,860	·548	·008
India (including Burmah)	1,080,851	1,093,371	4·432	4·483
Mauritius ... ..	117,314	117,318	·481	·481
New Zealand ... ..	772,194	657,264	3·166	2·695
Ocean Island ... ..	170,735	170,647	·700	·700
South African Union ...	43,631	41,713	·179	·171
Straits Settlements ...	132,642	142,987	·544	·586
United Kingdom ...	14,096,121	11,592,734	57·802	47·536
Other British Countries	8,412	56,192	·034	·230
Austria-Hungary ...	·38,145	127,961	·156	·525
Belgium ... ..	683,083	362,951	2·801	1·488
Brazil ... ..	400	69,497	·002	·285
China ... ..	24,808	163,568	·102	·671
France ... ..	215,475	879,718	·884	3·608
Germany ... ..	1,738,678	2,498,961	7·129	10·247
Holland (Netherlands) ...	96,668	135,561	·396	·556
Italy ... ..	128,951	249,644	·529	1·024
Japan ... ..	328,127	331,692	1·345	1·360
Java ... ..	230,826	233,751	·947	·958
Norway ... ..	357,740	392,635	1·467	1·610
Peru ... ..	65,130	88,783	·267	·364
Philippine Islands ...	41,231	44,128	·169	·181
Portugal ... ..	5,847	55,510	·024	·228
Russia ... ..	649	70,132	·003	·288
Siberia ... ..	43,036	43,804	·177	·180
South Sea Islands ...	40,525	40,699	·166	·167
Spain ... ..	2,667	37,240	·011	·152
Sumatra ... ..	105,244	105,847	·432	·434
Sweden ... ..	191,787	229,791	·786	·942
Switzerland ... ..	2,680	434,941	·011	1·783
United States ... ..	2,580,362	2,854,023	10·581	11·703
Other Foreign Countries	74,849	178,660	·307	·733
Total ... ..	24,387,073	24,387,073	100·000	100·000

Australian  
produce  
exported.

An examination of the various articles of Australian produce exported from Victoria to overseas countries reveals the fact that about 89 per cent. of the total is covered by the eight articles specified below.—

**PRINCIPAL ARTICLES OF AUSTRALIAN PRODUCE EXPORTED FROM VICTORIA TO OVERSEA COUNTRIES, 1909 TO 1913.**

Principal Articles.	1909.	1910.	1911.	1912.	1913.
	£	£	£	£	£
Gold (Bullion, Ore and Specie) ... ..	1,937,829	264,614	638,308	2,880,010	624,264
Butter ... ..	1,100,459	1,780,044	2,361,587	1,545,771	1,681,987
Flour ... ..	642,508	609,960	629,427	600,267	710,416
Wheat ... ..	2,798,269	3,091,079	3,592,534	1,836,387	2,053,454
Meat, Frozen—					
Mutton and Lamb ... ..	402,376	760,575	798,508	762,344	1,296,741
Other ... ..	100,651	127,426	142,898	126,953	268,320
Skins and Hides ... ..	1,088,271	1,296,421	1,089,258	1,328,817	1,685,700
Tallow ... ..	214,080	378,924	480,256	324,497	371,316
Wool ... ..	7,004,623	7,190,789	6,255,599	6,990,918	6,282,291
All other articles ... ..	1,792,923	1,888,876	1,947,642	1,970,128	1,775,789
TOTAL ... ..	17,081,989	17,388,708	17,936,017	18,366,092	16,750,278
Per Head of Population	£ s. d. 13 6 9	£ s. d. 13 7 9	£ s. d. 13 11 6	£ s. d. 13 11 3	£ s. d. 12 0 11
Percentage of Total Exports ... ..	95·74	95·60	94·82	96·09	93·92

Those articles of Australian produce exported overseas which are not specified in the above table, but are grouped under the heading "All other Articles," represent only  $10\frac{1}{2}$  per cent. of the total merchandise in 1909, 11 per cent. in 1910 and in 1911,  $10\frac{3}{4}$  per cent. in 1912, and 11 per cent. in 1913. The most conspicuous variations in 1913, as compared with 1912, occur in the cases of gold, wool, frozen meats, and skins and hides, in the first two of which there are decreases of £2,255,746 and £708,627 respectively, and in the other two, increases of £675,764 and £356,883 respectively.



Distribution of  
Australian  
produce.

The subjoined table shows the destination under general headings of Australian produce exported from Victoria in each of the past five years :—

### EXPORTS OF AUSTRALIAN PRODUCE, 1909 TO 1913.

Destination.	1909.	1910.	1911.	1912.	1913.
	£	£	£	£	£
Australian States ...	9,067,782	*	*	*	*
United Kingdom ...	8,800,572	10,092,947	10,222,247	8,864,218	8,606,317
Other British Possessions	1,892,028	1,550,563	1,906,761	3,582,434	1,637,256
Foreign Countries ...	6,389,389	5,745,198	5,807,009	5,919,440	6,506,705
Total ...	26,149,771	17,388,708†	17,936,017†	18,366,092†	16,750,278†

\* No record.

† Exclusive of exports to Australian States.

Of the Australian produce exported in 1909, 35 per cent. was sent to the sister States, 34 per cent. to the United Kingdom, 7 per cent. to "Other British Possessions," and 24 per cent. to foreign countries.

Trade between  
Australian  
States.

The following statement illustrates the development of Inter-State trade in each of the Australian States between the time of Federation and nine years after :—

### TRADE BETWEEN AUSTRALIAN STATES, 1900 AND 1909.

State.	Value of Trade with Other States.					
	1900.			1909.		
	Imports.	Exports.	Excess of Imports (+) Exports (-)	Imports.	Exports.	Excess of Imports (+) Exports (-)
Victoria .. ..	£ 6,364,167	£ 5,257,188	+1,106,979	£ 11,613,217	£ 12,053,399	-435,182
New South Wales ..	10,164,080	9,979,214	+184,866	17,146,943	15,792,608	+1,354,335
Queensland ..	3,067,278	5,412,381	-2,345,603	5,594,309	8,982,846	-3,388,537
South Australia ..	4,225,870	4,013,678	+207,192	6,239,257	4,177,986	+2,061,271
Western Australia ..	2,675,156	1,125,031	+1,550,125	3,084,578	2,060,537	+1,024,041
Tasmania .. ..	1,372,552	1,071,829	+300,723	2,387,854	3,003,732	-615,928

The Victorian export trade grew from £5,257,188 in 1900 to £12,053,399 in 1909, there being thus an increase in the nine years of £6,796,211, or 129 per cent. In New South Wales, Queensland, South Australia, Western Australia, and Tasmania, exports showed increases of 58 per cent., 66 per cent., 4 per cent., 83 per cent., and 180 per cent. respectively. The import trade of Victoria increased during the same period by 83 per cent., as compared with increases of 69 per cent. in New South Wales, 82 per cent. in Queensland, 48 per cent. in South Australia, 15 per cent. in Western Australia, and 74 per cent. in Tasmania. The growth of exports exceeded that of imports by £1,542,161 in Victoria, by £1,042,934 in Queensland, by £526,084 in Western Australia, and by £916,651 in Tasmania; whereas the growth of imports exceeded that of exports by £1,169,469 in New South Wales, and by £1,854,079 in South Australia.

Net revenue of  
Customs  
Department.

The following are the net amounts of Customs and Excise duty collected in Victoria in each of the last five years, the principal items being shown separately:—

#### REVENUE OF CUSTOMS DEPARTMENT, 1908-9 TO 1912-13.

Heads of Revenue.	1908-9.	1909-10.	1910-11.	1911-12.	1912-13
	£	£	£	£	£
<b>Import Duty—</b>					
Alcoholic Liquors ...	552,780	549,828	615,332	647,474	655,313
Narcotics ...	253,229	266,715	440,328	434,913	459,874
Sugar... ..	36,886	47,005	45,351	21,821	397,189
All other Articles ...	1,353,676	1,495,213	2,086,343	2,456,624	2,569,625
<b>Total ...</b>	<b>2,196,571</b>	<b>2,358,761</b>	<b>3,187,354</b>	<b>3,560,902</b>	<b>4,082,001</b>
<b>Excise Duty—</b>					
Spirits ... ..	68,486	84,139	101,587	110,171	111,812
Beer ... ..	181,303	189,868	208,254	227,398	229,108
Tobacco ... ..	169,842	175,156	249,104	260,880	254,869
Sugar... ..	229,409	229,981	270,656	291,960	57,703
Starch ... ..	5,748	895	...	...	...
Agricultural machinery ... ..	Dr. 41	...	...	...	...
<b>Total ...</b>	<b>654,747</b>	<b>680,039</b>	<b>829,601</b>	<b>890,409</b>	<b>653,492</b>
<b>Miscellaneous ...</b>	<b>10,650</b>	<b>10,211</b>	<b>13,215</b>	<b>11,122</b>	<b>14,645</b>
<b>Grand Total ...</b>	<b>2,861,968</b>	<b>3,049,011</b>	<b>4,030,170</b>	<b>4,462,433</b>	<b>4,750,138</b>

These figures have been furnished by the Customs Department, and the discrepancies between the totals for 1910-11, 1911-12, and 1912-13 in the above table and those given in part "Finance" of the *Year-Book* are due to refunds recorded at the Treasury but not at the Customs House. The item "Miscellaneous" in the above table is distributed between Customs and Excise duties in part "Finance."

The amounts given for the first two years are net, after making inter-state adjustments and deducting drawbacks and refunds; but those for the last three years have been reduced by drawbacks and refunds only. No record has been kept since 1st July, 1910, of goods which, being imported into or manufactured in the State, afterwards passed into another State for consumption, and consequently no adjustment of duties paid has been possible between the States concerned. The net debit against Victoria on this account amounted to £564,746 for the financial year 1909-10, so that the total duties shown for each subsequent year may be assumed to be overstated to at least that extent.

**Drawback.** Drawback is a refund of the duty paid on imported goods which are subsequently exported. It is allowed not only on goods exported in the same condition as when imported, but also upon imported goods which have been subjected to some process of manufacture in Victoria. The following are the figures for the last ten years:—

**REFUND OF DUTY ON EXPORTS (DRAWBACK), 1904 TO 1913.**

Year.							Amount Paid as Drawback.
							£
1904	...	...	...	...	...	...	18,840
1905	...	...	...	...	...	...	20,275
1906	...	...	...	...	...	...	15,962
1907	...	...	...	...	...	...	15,103
1908	...	...	...	...	...	...	25,920
1909	...	...	...	...	...	...	21,873
1910	...	...	...	...	...	...	23,295
1911	...	...	...	...	...	...	21,955
1912	...	...	...	...	...	...	21,670
1913	...	...	...	...	...	...	24,343

From 1872, when the system of allowing drawback was first introduced, to the end of 1913, the total amount of duty repaid as drawback was £3,094,030. The goods on which drawback is allowed are included in the general exports.

## INTER-STATE COMMISSION.

**Inter-state  
Commission.**

The Inter-State Commission is a body incorporated under the terms of Act No. 33 of 1912 of the Commonwealth of Australia. The members of the Commission, of whom there are three, were appointed on 5th August, 1913.

The Commission is charged with the duty of investigating all matters which, in the opinion of the Commission, ought, in the public interest, to be investigated affecting—

- (a) the production of, and trade in, commodities;
- (b) the encouragement, improvement, and extension of Australian industries and manufactures;
- (c) markets outside Australia, and the opening up of external trade generally;
- (d) the effect and operation of any Tariff Act or other legislation of the Commonwealth in regard to revenues, Australian manufactures, and industry, and trade generally;
- (e) prices of commodities;
- (f) profits of trade and manufacture;
- (g) wages and social and industrial conditions;
- (h) labour, employment and unemployment;
- (i) bounties paid by foreign countries to encourage shipping or export trade;
- (j) population;
- (k) immigration; and
- (l) other matters referred to the Commission by either House of the Parliament, by resolution, for investigation.

Further, the Commission may investigate all matters affecting—

- (a) the extent of diversions or proposed diversions, or works or proposed works for diversions, from any river and its tributaries, and their effect or probable effect on the navigability of rivers that, by themselves or by their connexion with other waters, constitute highways for Inter-State trade and commerce;
- (b) the maintenance and the improvement of the navigability of such rivers;
- (c) the abridgment by the Commonwealth by any law or regulation of trade or commerce of the rights of any State or the residents therein to the reasonable use of the waters of rivers for conservation or irrigation;
- (d) the violation by any State, or by the people of any State, of the rights of any other State, or the people of any other State, with respect to the waters of rivers.

The Act requires that all rates fixed or made by any common carrier for any service rendered in respect of Inter-State commerce, or which affect Inter-State commerce, shall be reasonable and just, and prohibits all such rates which are unreasonable or unjust, and all undue preferences upon State railways in respect of Inter-State commerce.

## SHIPPING.

Victorian shipping as dealt with in the succeeding tables refers to vessels trading with other States and overseas countries. Vessels trading on the Victorian coast and on the River Murray have not been taken into consideration, although in the particulars of the shipping of the port of Melbourne given on page 248 *post*, shipping trading on the Victorian coast is included. The number of vessels entered and cleared, their total tonnage, and the number of men forming their crews in each of the last five years were as follows :—

## SHIPPING INWARD AND OUTWARD, 1909 TO 1913.

	1909.	1910.	1911.	1912.	1913.
<b>Vessels Entered—</b>					
Number ... ..	2,174	2,308	2,335	2,399	2,481
Tons ... ..	4,506,973	4,952,273	5,148,184	5,426,146	5,950,035
● Average tonnage ...	2,073	2,146	2,205	2,262	2,398
Crews ... ..	137,128	145,845	153,184	163,055	176,844
<b>Vessels Cleared—</b>					
Number ... ..	2,157	2,312	2,347	2,385	2,469
Tons ... ..	4,514,298	4,954,773	5,156,952	5,410,801	5,902,277
Average tonnage ...	2,093	2,143	2,197	2,269	2,391
Crews ... ..	136,833	145,567	152,683	161,611	175,704

The vessels entered from inter-state and overseas ports during 1913 were greater in number than in any other year except 1853 and 1854. It is to the tonnage, not the number of vessels, however, that we must look for an indication of the increase or decrease in shipping. The aggregate net tonnage for 1913 was greater than that of any previous year, and exceeded that of 1912, the next in volume, by 523,889 tons. The departures to inter-state and overseas ports in 1913 exceeded the departures in any other year except 1854, and represented an increase over the previous year of 84 vessels, and of 491,476 in the aggregate net tonnage. In 1913 steamers numbered 2,308 of the vessels entered, and 2,296 of the vessels cleared, their tonnage aggregating 5,859,198 and 5,813,087 respectively.

The inward shipping of 1913 included 46 vessels in ballast, of an aggregate tonnage of 96,792, whilst the outward shipping included 362 vessels in ballast, having an aggregate tonnage of 515,189.

Shipping with  
principal  
countries.

The more important of the countries having shipping communication with Victoria in 1913 are set out in the following statement:—

### SHIPPING WITH PRINCIPAL COUNTRIES, 1913.

Countries.	ENTERED.		CLEARED.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
Australian States ... ..	1,783	3,509,138	1,934	3,897,363
United Kingdom ... ..	220	1,154,434	202	1,005,003
New Zealand ... ..	93	189,328	103	335,487
Other British ... ..	103	251,852	80	182,243
Total British Countries	2,199	5,104,752	2,319	5,420,096
France ... ..	15	43,291	21	66,801
Germany ... ..	82	297,516	55	206,649
United States ... ..	66	200,892	2	6,921
Other Foreign ... ..	119	303,584	72	201,810
Total Foreign Countries	282	845,283	150	482,181
Total ... ..	2,481	5,950,035	2,469	5,902,277

Nationality of  
vessels.

The nationality of vessels entered and cleared at Victorian ports in each of the years 1909 to 1913 was as shown hereunder:—

### NATIONALITY OF VESSELS ENTERED AND CLEARED, 1909 TO 1913.

Year.	NUMBER OF VESSELS.				TONNAGE OF VESSELS.			
	Australian.	Other British.	Foreign.	Total.	Australian.	Other British.	Foreign	Total.
Entered.								
1909...	1,249	682	243	2,174	1,679,938	2,156,974	670,061	4,506,973
1910...	1,327	746	235	2,308	1,765,041	2,504,249	682,983	4,952,273
1911...	1,347	724	264	2,335	1,855,341	2,534,846	757,997	5,148,184
1912...	1,372	749	278	2,399	1,880,992	2,713,182	831,972	5,426,146
1913...	1,444	741	296	2,481	2,278,624	2,757,350	914,061	5,950,035
Cleared.								
1909...	1,245	673	239	2,157	1,695,525	2,152,599	666,174	4,514,298
1910...	1,327	752	233	2,312	1,772,253	2,501,349	681,171	4,954,773
1911...	1,351	729	267	2,347	1,852,717	2,544,239	759,996	5,156,952
1912...	1,356	752	277	2,385	1,866,304	2,720,180	824,317	5,410,801
1913...	1,447	731	291	2,469	2,276,338	2,722,324	903,615	5,902,277

The proportions of the shipping of each nationality as tabulated, to the total entered and cleared for the respective years in their proper sequence from 1909 to 1913 are, Australian vessels, 58, 58, 58, 57, 58 per cent., Australian tonnage, 37, 36, 36, 35, 39 per cent.; other British vessels 31, 32, 31, 31, 30 per cent.; other British tonnage 48, 50, 49, 50, 46 per cent.; foreign vessels, 11, 10, 11, 12, 12 per cent., and foreign tonnage 15, 14, 15, 15, 15 per cent.

In the next table further details of the nationality of the shipping for the year 1913 are given :—

### NATIONALITY OF SHIPPING, 1913.

Nationality.	Entered.		Cleared.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
<b>British—</b>				
Australian ...	1,444	2,278,624	1,447	2,276,338
United Kingdom ...	560	2,541,834	550	2,508,257
New Zealand...	176	210,446	176	208,997
South African ...	5	5,070	5	5,070
<b>Total British ...</b>	<b>2,185</b>	<b>5,035,974</b>	<b>2,178</b>	<b>4,998,662</b>
<b>Foreign—</b>				
Austro-Hungarian ...	8	16,470	8	16,470
Belgian ...	1	2,074	1	2,074
Danish ...	1	2,159	1	2,159
Dutch ...	13	32,136	13	32,136
French ...	33	93,692	33	94,514
German ...	160	573,258	158	570,937
Italian ...	3	4,838	2	3,082
Japanese ...	25	81,342	24	77,960
Norwegian ...	34	67,438	34	66,524
Russian ...	6	9,962	6	9,744
Swedish ...	12	30,692	11	28,015
<b>Total Foreign ...</b>	<b>296</b>	<b>914,061</b>	<b>291</b>	<b>903,615</b>
<b>Total ...</b>	<b>2,481</b>	<b>5,950,035</b>	<b>2,469</b>	<b>5,902,277</b>

Vessels on  
Victorian  
register.

The vessels on the Victorian register on 31st December, 1913, were as follows, the ports of registration and net tonnage being distinguished:—

### VESSELS ON THE VICTORIAN REGISTER, 1913.

Port of Registration.	Steamers.		Sailing Vessels.		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Melbourne ... ..	204	117,890	195	31,449	399	149,339
Geelong ... ..	3	449	5	360	8	809
Port Fairy ... ..	3	621	...	...	3	621
Total ... ..	210	118,960	200	31,809	410	150,769

During 1913 there were added to the register 12 steamers with net tonnage of 15,290, and 9 sailing vessels with a tonnage of 1,779; whilst 7 steamers having net tonnage of 16,118, and 26 sailing vessels having a tonnage of 13,381, were taken off the register.

The following statement, compiled by the Marine Underwriters' and Salvage Association of Victoria, shows the number and net tonnage of vessels on the registers of all the Australian States and New Zealand on 30th June, 1913:—

### VESSELS OWNED IN AUSTRALASIA, 1913.

States, &c.	Steamers.		Sailing Vessels.		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Victoria ... ..	192	115,536	209	33,041	401	148,577
New South Wales ... ..	548	91,670	592	45,403	1,140	137,073
Queensland ... ..	98	14,977	199	8,981	297	23,958
South Australia ... ..	116	58,969	214	18,477	330	77,446
Western Australia ... ..	44	20,480	405	11,378	449	31,858
Tasmania ... ..	59	8,373	159	7,963	218	16,336
Total Australia ... ..	1,057	310,005	1,778	125,243	2,835	435,248
Fiji ... ..	8	725	6	900	14	1,625
New Guinea ... ..	...	...	3	43	3	43
New Zealand ... ..	283	121,857	332	35,331	615	157,188
Total ... ..	1,348	432,587	2,119	161,517	3,467	594,104

Compared with 1912, vessels owned in Australia have increased by 17 in number and by 16,279 in tonnage.

### PORT OF MELBOURNE.

Port of  
Melbourne.

The port of Melbourne is under the control of the Melbourne Harbor Trust, which has 9·19 miles of wharfs, piers, and jetties in the River Yarra, Victoria Dock, and Hobson's Bay. The area of these wharfs is 45 acres 16 perches, of which 16 acres 2 roods are under sheds. According to a return prepared by the



Harbor Master the total number of vessels berthed within the port of Melbourne in 1913 comprised 4,284 steamers, 21 ships, 67 barques, 19 brigs, 179 schooners, 378 ketches, and 636 lighters, with registered tonnage aggregating 7,003,970. The tonnage of imports was 2,725,888, and that of exports 1,369,608. The floating plant of the Trust in commission includes 7 dredges, 1 steam tug, 9 steam hopper barges, 10 iron towing hopper barges, 2 steam launches, 2 motor launches, and 1 Lobnitz rock breaker. The material dredged and disposed of during 1913 amounted to 2,512,640 cubic yards, viz., 1,210,828 cubic yards from Hobson's Bay, and 1,301,812 cubic yards from the river Yarra and Victoria Dock. Since the establishment of the Trust, the river dredgings have amounted to 29,011,003, and the bay dredgings to 16,726,845 cubic yards, making a total of 45,737,848 cubic yards. Of the dredgings, 32,382,208 cubic yards were deposited in deep water, and 13,355,640 were landed and deposited for reclamation work. The average cost of dredging, towing, and depositing in 1913 was 6·29d. per cubic yard.

Some idea of the relative importance of Melbourne and Sydney, in comparison with the principal ports in the world, is obtainable from the following table:—

### SHIPPING AT PRINCIPAL PORTS IN THE WORLD, 1912.†

Ports.	Entered.			Cleared.		
	Foreign or Oversea Trade.	Coasting Trade.	Total.	Foreign or Oversea Trade.	Coasting Trade.	Total.
<i>British.</i>	Tonnage.	Tonnage.	Tonnage.	Tonnage.	Tonnage.	Tonnage.
Melbourne ..	2,370,410	3,768,156	6,138,566	*	*	*
Sydney ..	3,265,282	5,228,777	8,494,059	*	*	*
Cardiff ..	6,236,944	4,811,931	11,048,875	9,168,115	2,042,276	11,210,391
Liverpool (including Birkenhead) ..	7,253,016	3,337,275	10,590,291	7,446,873	4,232,074	11,678,947
London ..	10,800,716	5,761,278	16,561,994	8,748,008	7,865,067	16,613,075
Newcastle, and North and South Shields ..	6,421,195	4,259,547	10,680,742	7,632,672	3,285,398	10,918,070
Southampton ..	5,217,992	1,469,857	6,687,849	4,651,179	1,524,371	6,175,550
Colombo ..	7,348,900	*	*	7,347,144	*	*
Singapore ..	8,223,272	*	*	8,220,974	*	*
Victoria (Hong Kong) ..	10,805,536	*	*	10,809,459	*	*
<i>Foreign.</i>						
Antwerp† ..	13,233,677	*	*	13,272,665	*	*
Hamburg ..	11,830,949	*	*	11,945,239	*	*
Marseilles ..	8,051,321	*	*	8,198,874	*	*
Rotterdam ..	10,624,499	*	*	10,609,814	*	*
New York ..	13,428,950	*	*	13,366,893	*	*
Rio de Janeiro ..	5,212,713	*	*	5,198,784	*	*
Monte Video ..	8,244,375	*	*	8,121,453	*	*

\* Not available.

† The information for foreign ports relates to the year 1911.

‡ The figures relating to entrances and clearances at Belgian ports are stated in net tonnage, according to the system in force in that country, under which the deduction from the gross tonnage for the space occupied by the propelling power is less than that adopted in the United Kingdom. The recorded net tonnage of steamers is accordingly greater in the Belgian returns than that recorded for the same vessels when entering or clearing at ports in the United Kingdom.

Docks in  
Australasia.

The following particulars relating to the dry and floating docks in Australasia have been taken from *Lloyd's Register* :—

## DOCKS IN AUSTRALIA AND NEW ZEALAND.

Port.		Description of Dock.	Extreme Length. Length on Bottom.	Breadth at Entrance	Height of Sill above Bottom of Dock.	Depth on Sill at High Water, Ordinary Spring Tides.
			ft. in.	ft. in.	ft. in.	ft. in.
Albany	W.A.	Small floating dock ..	{ 130 0 121 0	{ 22 2	3 0	6 10
Brisbane	Q.	Government Dry Dock	431 6	53 0	3 2	19 0
Clarence River	N.S.W.	Dry dock ..	110 0	42 0	3 0	8 6
Launceston	Tas.	Floating dry dock ..	160 0	37 0	0 6	12 6
Melbourne	V.	Graving Dock ..	{ 520 0 510 0	{ 70 0 (top) 60 0 (bottom)	4 0	23 6
"	"	" " ..	{ 430 0 420 0	{ 64 0 (top) 52 0 (bottom)		
"	"	Alfred Graving Dock	{ 470 0 459 0	{ 80 0	2 6	26 0
"	"	Floating Dry Dock ..	{ 216 0 200 0	{ 36 0	1 0	12 6
Sydney	N.S.W.	Mort's Graving Dock	{ 640 0 640 0	{ 69 0	4 6	18 0
"	"	New Graving Dock ..	700 0	83 0 (top)	4 0	28 9
"	"	Floating Dock ..	{ 320 0 317 0	{ 44 0	..	..
"	"	" " ..	{ 109 0 100 0	23 0 extreme	..	..
"	"	Pontoon Floating Dock	195 0 (on blocks)	60 6 (inside walls)	..	..
"	"	Floating Dock ..	163 0	40 0	..	12 0
"	"	Fitzroy Graving Dock	{ 477 0 463 0	{ 59 0	1 4	21 6
"	"	Sutherland Dock ..	{ 637 0 630 0	{ 84 0	3 6	32 0
"	"	Drake's Floating Dock	{ 150 0 150 0	{ 40 0	5 0	8 0
Auckland	N.Z.	Graving Dock ..	{ 312 0 300 0	{ 43 0	1 6	13 6
"	"	Calliope Graving Dock	{ 566 0 521 0	{ ..	1 7	33 0
Lyttelton	"	Graving Dock ..	{ 481 6 450 0	{ 62 0	2 0	23 0
Port Chalmers	"	Dry Dock ..	{ 348 0 328 0	{ 50 0	3 0	19 6
"	"	" " ..	500 0	70 0	3 0	22 0

# LIGHTHOUSES AND LIGHTS, 1913.

Where situated.	Description.	Nature.	Power in Lighthouse. (Units of 1,000 Candles.)			Colour.	Distance Visible.	Persons employed	Ordinary Expenditure during the Financial Year 1912-13.	Capital Cost.
			White.	Red.	Green.					
Cape Nelson	Dioptric	Fixed	4½	3½	..	White*	Miles.	3	£ 537	£ 16,178
Auxiliary	Dioptric	"	..	..	..	Red	19	2	353	2,573
Portland	Dioptric	Fixed and Flashing	..	{ 1½ff. }	..	Green	12	2	354	3,857
Port Fairy	"	"	..	..	..	Red	9	2	..	..
Warrnambool (upper light)	"	Fixed	..	..	..	White	14	2	350	7,917
(lower light)	"	"	..	..	..	Red	5	..	..	..
Cape Otway	"	Triple Flashing	24	..	..	White	24	4	673	10,367
Auxiliary	"	Fixed	7½	5½	..	Red	4 to 8	..	..	..
Split Point	Dioptric	"	..	..	..	Red†	18	3	522	11,838
Auxiliary	"	"	..	..	..	White	3	..	..	..
Port Phillip—	Dioptric	Occulting	22	13	..	White and Red	17	3	540	4,113
Point Lonsdale	Catadioptric	Fixed	2½	..	..	White	17	..	..	..
Queenscliff (high)	Dioptric	"	2	1	..	Red and White	10 & 14	3	1,436	19,071
(low)	"	"	2	1	..	"	11	..	..	..
West Channel Pile Light	"	"	2½	2½	..	"	13	4	542	9,456
South Channel (Eastern Light)	"	"	..	10	..	"	10	..	..	..
(pile)	"	"	..	..	..	White	10	..	59	..
Schnapper Point	"	Occulting	2½	1½	..	Red and White	12	3	739	5,005
Gellibrand Point (Pile Light)	"	Fixed and Flashing	{ 4½ff. }	..	..	White	23	..	..	..
Cape Schanck	Catadioptric	"	48½ff.	..	..	Red	3	3	638	19,278
Auxiliary	"	Fixed	189	..	..	White	27	4	1,003	24,433
Wilson's Promontory	Dioptric	Flashing (Group)	4½	..	..	White	15	3	447	13,225
Cliffy Island	"	Flashing	30	12	..	White*	21	3	553	21,785
Cape Everard	Holophotal	Double Flashing	30	7	..	White	20	3	774	22,631
Gabo Island	Catadioptric	Occulting	..	..	..	..	..	..	..	..
Total									9,520	191,727

\* Red sectors between the limits of white light and shore at either side.

† White sectors between the limits of red light and shore at either side.

Lighthouses.

The following return contains particulars of the lighthouses and lights on the Victorian coast.—

## LIGHTHOUSES AND LIGHTS.

Interchange.

## POSTS, TELEGRAPHS AND TELEPHONES.

The Department of Posts and Telegraphs was transferred to the Federal Government by proclamation on 1st March, 1901.

**Rates of postage.** The rates of postage in force within the Commonwealth and Papua are as follows :—

Letters ...	...	...	...	...	1d. per half ounce
Letter-cards ...	...	...	...	...	{ Single, 1d. each
					{ Reply, 1d. each half
Post-cards ...	...	...	...	...	{ Single, 1d. each
					{ Reply, 1d. each half
Printed papers (other than newspapers) ...	...	...	...	...	½d. per 2 ounces
Books printed in Australia ...	...	...	...	...	½d. per 8 ounces
Books printed outside Australia ...	...	...	...	...	½d. per 4 ounces
Magazines printed and published in Australia ...	...	...	...	...	each ½d. per 8 ounces
Magazines printed and published outside Australia ...	...	...	...	...	each ½d. per 4 ounces
Commercial papers, patterns, samples, and merchandise as prescribed ...	...	...	...	...	1d. per 2 ounces
Newspapers printed and published in Australia ...	...	...	...	...	½d. per 10 ounces
Newspapers printed and published outside Australia ...	...	...	...	...	½d. per 4 ounces

The rate of postage on letters from the Commonwealth to the United Kingdom and the Oversea Dominions, British colonies and protectorates, is 1d. per half-ounce.

**Cable rates.** The ordinary rate for cabling to the United Kingdom is 3s. per word, and the deferred rate is 1s. 6d. per word. In January, 1913, the Pacific Cable Board instituted a tariff for week-end cable letters available to and from the United Kingdom with Australia and New Zealand. The rate is 9d. per word, with a minimum charge of 18s., plus inland telegraph charges when incurred. Messages may be lodged up to midnight on Saturday.

**Postal returns.** The post-offices in the State on 31st December, 1913, numbered 1,749, and in addition there were 883 receiving offices (principally loose-bags), 12 travelling offices, and 1,575 letter boxes. The postal and telegraphic staff numbered 4,486 persons, and there were in addition 4,964 non-official post masters, mail contractors, and casual employes employed part time only in the service. The postal routes in 1913 covered a distance of 15,630 miles, of which 3,608 were by railway, the distance traversed being 8,461,085 miles, including 4,410,788 railway miles. In the following table is shown the business done by the Postal Department in each of the last five years :—

## POSTAL RETURNS, 1909 TO 1913.

—	1909.	1910.	1911.	1912.	1913.
Posted and Received—					
Letters and Post-cards ...	133,601,053	143,483,191	159,092,001	175,588,805	206,748,316
Newspapers ...	32,294,427	53,058,881	36,125,728	37,826,929	40,950,516
Packets ...	17,568,819		20,951,712	20,631,887	18,292,538
Parcels ...	620,536	682,104	720,245	764,821	893,934
Total ...	184,084,835	197,224,176	216,889,686	234,812,442	266,885,304

Registered letters and articles are included in this statement, and numbered 1,373,605 in 1913. The total number of letters, newspapers, packets, and parcels passing through the post-office in 1913 exceeded the number for 1912 by 14 per cent. A clear idea of the magnitude of the postal matter dealt with will be obtained when it is stated that in 1913 the letters posted and received represented 149 and the newspapers, packets, and parcels, 43 per head of the population.

The next table gives in three groups the destination of letters, newspapers, packets, and parcels posted, whether for delivery inland, in other States, or in countries outside the Commonwealth, and shows whence those received came, whether from other States or from outside countries.

### POSTAL SERVICE—INLAND, INTER-STATE AND INTERNATIONAL: 1909 TO 1913.

Service.	1909.	1910.	1911.	1912.	1913.
LETTERS AND POSTCARDS.					
Posted for delivery inland .. ..	107,177,515	115,297,888	121,078,121	129,610,388	152,736,053
"    "    in other States ..	9,679,546	9,862,272	13,636,148	15,177,996	15,201,166
"    "    outside the States ..	3,160,464	3,492,222	5,179,176	6,780,247	7,687,758
Total .. ..	120,017,525	128,652,382	139,893,445	151,568,631	175,624,977
Received from other States .. ..	9,467,320	10,166,441	13,248,800	15,220,243	16,977,659
"    "    outside the States ..	4,116,208	4,664,368	5,949,756	8,799,931	14,145,680
Total .. ..	13,583,528	14,830,809	19,198,556	24,020,174	31,123,339
NEWSPAPERS.					
Posted for delivery inland .. ..	10,368,160	12,881,083	12,658,570	10,894,399	14,980,478
"    "    in other States ..	12,135,234	11,036,628	11,926,548	13,934,813	14,548,365
"    "    outside the States ..	2,333,076	2,556,198	3,200,478	3,153,631	3,332,069
Total .. ..	25,336,470	26,473,909	27,785,596	27,982,843	32,860,912
Received from other States .. ..	3,430,794	3,477,307	3,984,990	4,748,731	4,762,405
"    "    outside the States ..	3,527,163	5,067,664*	4,355,142	5,095,250	3,327,199
Total <sup>†</sup> .. ..	6,957,957		8,340,132	9,844,081	8,089,604
PACKETS.					
Posted for delivery inland .. ..	11,111,471	12,214,311	13,577,951	13,084,847	11,725,748
"    "    in other States ..	2,565,516	2,848,168	2,659,704	2,577,753	3,095,332
"    "    outside the States ..	980,376	1,194,054	1,213,746	1,400,431	1,149,648
Total .. ..	14,657,363	16,256,533	17,451,401	17,063,031	15,970,728
Received from other States .. ..	1,735,735	1,753,468	2,048,596	1,870,407	1,511,567
"    "    outside the States ..	1,175,721	†	1,451,715	1,698,449	810,243
Total <sup>†</sup> .. ..	2,911,456		3,500,311	3,568,856	2,321,810
PARCELS.					
Posted for delivery inland .. ..	365,228	399,173	410,290	421,342	508,652
"    "    in other States ..	142,648	156,501	169,352	184,457	213,047
"    "    outside the States ..	19,245	19,367	18,784	21,248	23,573
Total .. ..	527,121	575,041	598,426	627,047	745,272
Received from other States .. ..	63,033	74,609	82,678	90,678	96,935
"    "    outside the States ..	30,382	32,454	39,141	47,096	51,677
Total .. ..	93,415	107,063	121,819	137,774	148,612

\* Includes packets, no distinction having been made in the post-office between newspapers and packets from outside the Commonwealth for this year.

† Included with newspapers.

**Dead letters, &c.** Dead letters in 1913 numbered 604,169, of which 34,808 were irregularly posted. These letters contained money amounting to £15,983, as well as other articles of value, and were disposed of as follows :—Returned to writers, 423,434 ; destroyed, 100,745 ; returned to other States or countries as unclaimed, 79,990. There were also 1,032,334 undelivered packets and newspapers, of which 195,417 were returned to the senders, 807,762 were destroyed, and 29,155 were returned to other States and countries. The large number of Electoral Referenda packets returned to the senders (81,000) is partly responsible for the inflation in the number of dead packets and newspapers dealt with in the year 1913.

**Money orders and postal notes.** There are 534 money order offices in the State, which, in 1913, issued 376,961 orders for £1,673,878. Of these 238,720 for £1,262,684 were inland, 42,171 for £208,004 inter-state, and 96,070 for £203,190 international orders. The orders paid in the same year numbered 408,988, and were for an aggregate amount of £1,922,665, the inland being 243,349 for £1,263,629, the inter-state 117,188 for £517,547, and the international 48,451 for £141,489. Inland postal notes paid totalled 2,272,001 for £849,013, Victorian notes paid in other States 623,704 for £215,334, and the notes of other States paid in Victoria 416,912 for £177,967. The following is a comparative statement of the business done since 1908 :—

#### MONEY ORDERS AND POSTAL NOTES, 1909 TO 1913.

—	1909.	1910.	1911.	1912.	1913.
<b>Money Orders Issued—</b>					
Number ...	245,911	262,925	279,622	316,538	376,961
Amount ... £	1,031,215	1,101,609	1,139,505	1,261,829	1,673,878
<b>Money Orders Paid—</b>					
Number ...	324,240	332,522	338,384	355,540	408,988
Amount ... £	1,363,064	1,418,857	1,437,537	1,506,658	1,922,665
<b>Postal Notes—</b>					
Victorian—Paid in Victoria £	702,642	739,754	770,740	811,606	849,013
Victorian—Paid in Other States £	124,354	138,674	164,301	181,540	215,334
Of Other States—Paid in Victoria £	147,515	151,737	160,462	168,771	177,967

The value of money orders issued has increased year by year, the issues of 1913 exceeding those of 1912 by £412,049, and those of 1909 by £642,663. Of orders paid those of 1913 exceed those of 1912 by £416,007, and those of 1909 by £559,601.

The business in postal notes has increased considerably, the amount of Victorian notes paid within the State during 1913 being £146,371 in excess of the amount paid in 1909. The business with the other States exhibited great improvement during the period embraced in the table, Victorian notes paid in other States during 1913 showing an increase of £90,980 over 1909, and notes of other States paid in Victoria an increase of £30,452 for the same period.

Telegraphs  
and  
telegrams.

There are 1,648 telegraph offices in the State, 461 of which are attached to the railway service. Of the mileage of line and wire, 4,256 miles of line carrying 14,063 miles of wire are controlled by the Postal Department, and 3,372 miles of line carrying 5,340 miles of wire by the Railway Department. The length of lines and wire open, and the number of telegrams sent from Victorian offices, and of those received from outside the State in each of the last five years, were as follows :—

### TELEGRAPHS AND TELEGRAMS, 1909 TO 1913.

	1909.	1910.	1911.	1912.	1913.
Number of Offices ...	1,258	1,374	1,455	1,538	1,648
Miles open—					
Line (poles) ...	7,161	7,182	7,273	7,455	7,628
Wire ...	16,386	16,405	17,403	18,649	19,403
Telegrams despatched—					
Inland ...	1,795,539	1,943,019	2,017,997	1,994,436	1,969,752
Inter-State ...	685,412	733,051	790,403	882,051	902,969
International ...	75,649	81,667	86,264	92,750	98,320
Total ...	2,556,600	2,757,737	2,894,664	2,969,237	2,971,041
Telegrams received—					
Inter-State ...	779,603	842,104	923,911	950,015	1,006,618
International ...	73,645	79,730	84,129	89,709	92,456
Total ...	853,248	921,834	1,008,040	1,039,724	1,099,074

The total telegrams despatched in 1913 exceeded those despatched in the previous year by 1,804, although inland telegrams show a falling off to the extent of 24,684, which is doubtless due to the extension of telephonic facilities. Compared with 1909 the telegrams despatched in 1913 showed an increase of 414,441, of which 174,213 were inland, 217,557 inter-state, and 22,671 international. Telegrams received from outside the State have increased by 245,826 since 1909. In 1913 the value of inland telegrams was £84,277, of inter-state despatched £72,621, of inter-state received £76,525, of international despatched £107,808, and of international received £90,140.

**Telephones.** The telephone exchanges were worked by a private company until September, 1887, in which month the business, buildings, and plant were purchased by the Government. The following statement shows for the past five years the length of lines

and wire open and the number of subscribers, telephones, and private lines :—

### TELEPHONES, 1909 TO 1913.

	1909.	1910.	1911.	1912.	1913.
Miles Open—					
Lines (Poles and under-ground					
Cables) ... ..	1,553	1,820	2,071	2,467	2,902
Wire) ... ..	56,967	85,725	118,521	153,400	189,193
Subscribers ... ..	16,673	20,236	22,859	26,562	30,640
Telephones ... ..	23,928	26,627	30,817	35,541	39,968
Private Lines ... ..	462	471	525	530	548

The length of wire has increased by 232 per cent., and the number of subscribers by 84 per cent., since 1909. The subscribers given in the table are direct connexions, the actual number of telephones in use having been 39,968 in 1913. This number represents an increase of 12½ per cent. as compared with 1912, and of 67 per cent. as compared with 1909.

The revenue of the Post and Telegraph Department amounted to £1,172,639 in 1913, the items being postage £665,783, commission on money orders and postal notes £31,805, telegrams, cablegrams, &c., £160,877, telephones, &c., £272,964, and various £41,210. In addition, unpaid services rendered to other Departments were valued at £210. It is estimated that the number of stamps and pre-payment forms sold for postal and telegraphic purposes in 1913 was 143,302,289, and the value thereof £795,817. The ordinary expenditure of the Department amounted to £1,157,841 in 1913, whilst capital expenditure on buildings, furniture, &c., telegraph lines, and telephone exchanges amounted to £324,329. The items of ordinary expenditure were :—Salaries, &c., £719,418; inland mail services, £138,425; British and foreign mail services, £52,828; cable subsidies, &c., £4,500; maintenance of buildings, &c., £127,005; and miscellaneous, £115,665. In the following table the revenue and expenditure of the Department are summarized for the last five years :—

### REVENUE AND EXPENDITURE OF POST AND TELEGRAPH DEPARTMENT, 1909 TO 1913.

	1909.	1910.	1911.	1912.	1913.
	£	£	£	£	£
Revenue ... ..	883,682	962,495	1,005,027	1,068,516	1,172,639
Value of unpaid Services ... ..	5,761	5,761	5,761	5,761	210
Revenue Earned ... ..	889,443	968,256	1,010,788	1,074,277	1,172,849
Expenditure (ordinary) ... ..	766,267	835,920	935,821	1,009,851	1,157,841
Surplus ... ..	123,176	132,336	74,967	64,426	15,008
Capital Expenditure ... ..	167,031	243,875	315,728	501,740	324,329



## RAILWAYS.

Victorian  
Railways,  
length and  
cost.

All railways in Victoria available for general traffic are, with the one exception referred to on page 262, the property of the State, and are under the management of three Commissioners appointed by the Government.

The succeeding tables relate to the State railways, the motive power of which, with the exception of the St. Kilda to Brighton Electric Street Railway, is steam. Parliament has, however, sanctioned the electrification of the Melbourne Suburban Railways, and it is expected that the conversion will be completed in 1917. The gauge of the lines is 5 ft. 3 in., with the exception of 121·9 miles of single lines, of which the gauge is 2 ft. 6 in. The following table shows the length of double and single lines, the cost of construction, and the average cost per mile at the close of each of the last five years :—

RAILWAYS, LENGTH AND COST OF CONSTRUCTION, 30TH JUNE, 1909, TO 30TH JUNE, 1913.

—	1909.	1910.	1911.	1912.	1913.
Length of Lines on 30th June—					
Double Lines (miles)	307·51	307·51	321·03	321·03	325·71
Single Lines (miles)	3,155·36	3,236·42	3,255·42	3,354·42	3,374·69
Total ...	3,462·87	3,543·93	3,576·45	3,675·45	3,700·40
	£	£	£	£	£
Cost of Construction	32,987,611	33,332,350	33,784,264	34,258,950	34,732,556
Average Cost per mile	9,497	9,405	9,446	9,321	9,386

In addition to the lines embraced in this table, the following were in course of construction on 30th June, 1913 :—

	5-ft. 3-in. Gauge.	Miles.
White Cliffs to Yelta ...	...	9½
Gheringhap to Maroona ...	...	100½
Bairnsdale to Orbost ...	...	60
Crowland to Navarre ...	...	23
Benalla to Tatong ...	...	18½
Rushworth to Colbinabbin ...	...	12
Chillingollah to Manangatang ...	...	18½
		<u>242½</u>

and the following lines had been authorized, but their construction had not been commenced :—

	5-ft. 3-in. Gauge.	Miles
Tallangatta to Cudgewa ...	...	42½
Swan Hill to Piangil ...	...	27½
Sea Lake towards Pier Millan ...	...	17½
Heywood to Mumbannar ...	...	39½
Elmore to Cohuna ...	...	57½
Hamilton to Cavendish ...	...	15½
Rainbow towards Nypo ...	...	10½
Linton to Skipton ...	...	12½
		<u>224</u>

Cost of  
railways and  
equipment.

The capital cost of lines opened, works, rolling-stock and equipment at 30th June in each of the last five years was as follows:—

### CAPITAL COST OF RAILWAYS AND EQUIPMENT, 1909 TO 1913.

30th June.	£
1909 ... ..	42,392,007
1910 ... ..	43,091,478
1911 ... ..	44,021,212
1912 ... ..	45,603,114
1913 .. ..	47,076,911

The cost given is the actual cost of construction, exclusive of expenses of floating loans, &c. Of the capital expended to 30th June, 1913, £3,890,866 was derived from the general revenue, and the balance (£43,186,045) from loans. The latter liability is represented by debentures and stock outstanding to the nominal amount of £44,566,760, on which the annual interest payable is £1,591,033, or at the average rate of 3·57 per cent. The nominal amount of loans, however, was reduced by £1,380,715—the cost of flotation, together with the discount at time of flotation. It has been computed that, whilst the nominal rate of interest on loans outstanding on 30th June, 1913, was 3·57 per cent., the real interest on the net proceeds available for railway construction was 3·68 per cent.

The capital expenditure incurred in respect of lines now closed for traffic was approximately £392,741, and for surveys of lines not constructed £374,064.

Railway  
traffic.

The mileage and the traffic of the railways since 30th June, 1908, are given in the following table:—

### RAILWAYS—MILEAGE AND TRAFFIC, 1908-9 TO 1912-13.

	Year ended 30th June.				
	1909.	1910.	1911.	1912.	1913.
Miles Constructed ...	3,462·87	3,543·93	3,576·45	3,675·45	3,700·40
„ Dismantled ...	18·03	18·03	18·03	18·03	18·03
„ Closed to Traffic	29·93	29·93	29·93	29·93	29·93
„ Open for Traffic	3,414·91	3,495·97	3,528·49	3,627·49	3,652·44
Train Mileage ...	11,628,792	12,045,866	13,319,572	14,203,681	14,648,489
Passengers carried ...	82,286,112	86,642,160	95,206,713	105,909,650	113,430,526
Goods and Live Stock Carried (Tons)	4,166,786	4,468,440	4,967,627	5,297,685	5,150,404

The mileage given in the above tables relates to lines of railway, irrespective of the number of tracks, the actual length of which open for traffic on 30th June, 1913, was 3,997·42 miles of main tracks, and 680·69 miles of sidings.

The passenger traffic of 1912-13 was the heaviest experienced by the Railway Department, passenger journeys exceeding those of the second heaviest year—1911-12—by 7,520,876, and those of 1910-11,

the next in volume, by 18,223,813. Of the passenger journeys in 1912-13, 104,920,265 were made by metropolitan-suburban, and 8,510,261 by country passengers, these exceeding by 7,082,051 and 438,825 respectively the corresponding numbers of journeys for the previous year. The tonnage of goods and live stock carried in 1912-13 was less than that for 1911-12 by 147,281, but exceeded that for 1910-11, which now stands third in importance, by 182,777. The items of goods carried in 1912-13 showing greatest tonnage were:—Wheat, 609,795 tons; stone, gravel, and sand, 607,866 tons; firewood, 484,336 tons; minerals (including coal, coke, ores, &c.), 390,114 tons; and hay, straw, and chaff, 302,082 tons. Live stock carried in the same year had an aggregate weight of 411,420 tons, and comprised 45,810 horses, 371,217 cattle, 5,497,968 sheep, and 283,198 pigs. Comparing 1912-13 with 1908-9 the passenger traffic had increased by 31,144,414 passengers, or 38 per cent., and the goods and live stock carried by 983,618 tons, or 24 per cent.; whilst the number of train miles run had been increased by 3,019,697 miles, or by 26 per cent.

The receipts and working expenses of the Railway Department during the last five financial years were as follows:—

### RAILWAY RECEIPTS AND EXPENDITURE, 1908-9 TO 1912-13.

	Year ended 30th June.				
	1909.	1910.	1911.	1912.	1913.
<b>Receipts—</b>	£	£	£	£	£
Passenger Fares ...	1,797,000	1,884,614	2,076,498	2,322,067	2,445,324
Freight on Goods and Live Stock	2,081,378	2,238,895	2,476,563	2,528,380	2,373,978
Sundries ...	308,687	332,239	356,001	383,532	402,969
<b>Total ...</b>	<b>4,189,065</b>	<b>4,455,748</b>	<b>4,909,062</b>	<b>5,233,979</b>	<b>5,222,271</b>
<b>Working Expenses—</b>	£	£	£	£	£
Way and Works...	626,532	645,279	804,810	894,671	933,809
Rolling-stock ...	998,028	1,230,784	1,268,264	1,397,020	1,471,346
Transportation ...	644,660	687,952	770,663	905,805	953,976
General Charges*	254,709	263,720	265,586	257,590	245,870
<b>Total ...</b>	<b>2,523,929</b>	<b>2,827,735</b>	<b>3,109,323</b>	<b>3,455,086</b>	<b>3,605,001</b>
<b>Net Receipts ...</b>	<b>1,665,136</b>	<b>1,628,013</b>	<b>1,799,739</b>	<b>1,778,893</b>	<b>1,617,270</b>
<b>Percentage of Expenses to Receipts</b>	<b>60·25</b>	<b>63·46</b>	<b>63·34</b>	<b>66·01</b>	<b>69·03</b>

\* Including pensions and gratuities.

The receipts of the railways in 1912-13 are £11,708 less than in 1911-12, but exceed all other years. Passenger fares show a satisfactory advance, but receipts for the carriage of goods and live stock have fallen off considerably, the most conspicuous decreases being wool, £41,483; firewood, £22,232; timber, £16,693; wheat, £16,290; and live stock, £12,960. Working expenses in 1912-13 exceed those in the previous year by £149,915, or 4 per cent., and this increase is due to the improved train facilities which have been provided in a greater proportion than the increase in traffic, to the higher cost of materials, &c., and to the concessions which have been made to the staff.

**Reduction in  
freights.**

During the year 1911-12 reductions in freights representing an estimated annual value of £76,000 were made. The principal commodities which benefited by the reductions are—agricultural produce, flour from country mills for export, manures (including lime), frozen meat from country works, sheep and lambs for freezing works, firewood and mining timber, colonial spirits, beehives and honey, wrought-iron pipes for water works trusts, &c., chicory roots, beet sugar, leather (on the up journey), wattle bark and hides for country tanneries, vehicle wheels (in the rough and unfinished), trees (fruit and shelter), and cuttings.

**Railway  
interest  
charges  
compared  
with net  
revenue.**

The amount of interest on current loans allocated to railways together with the expenditure incurred by the Treasury in connexion with the payment of such interest is compared with the net revenue of the Department for the last five years in the following statement:—

**RAILWAY INTEREST CHARGES AND EXPENSES AND NET  
REVENUE, 1908-9 TO 1912-13.**

Year.				Interest, &c.	Net Revenue.
				£	£
1908-9	...	...	...	1,430,693	1,665,136
1909-10	...	...	...	1,472,917*	1,628,013
1910-11	...	...	...	1,516,764*	1,799,739
1911-12	...	...	...	1,513,102*	1,778,893
1912-13	...	...	...	1,595,020	1,617,270

\* After deduction of interest credited on Railway Surplus, &c., viz., £8,052 in 1909-10, £12,126 in 1910-11, and £15,689 in 1911-12.

The excellent position of the railways in recent years is exhibited by this table, the figures showing that in each of the last five years there was a considerable surplus after payment of working expenses, pensions, and gratuities, special expenditure and charges on account of previous years, and interest charges and expenses. The surplus was £235,043 in 1908-9, £155,096 in 1909-10, £282,975 in 1910-11, £265,791 in 1911-12, and £22,250 in 1912-13.

**Railway earnings and expenses per mile.**

The earnings, expenses, and net profits per mile of railway open for the years ended 30th June, 1909 to 1913 were as follows :—

**RAILWAY RECEIPTS AND EXPENDITURE PER TRAIN  
MILE, 1908-9 TO 1912-13.**

	1908-9.	1909-10.	1910-11.	1911-12.	1912-13.
Average Number of Miles Open for Traffic	3,402	3,446	3,510	3,548	3,644
Gross Earnings per Mile ...	£ 1,231	£ 1,293	£ 1,399	£ 1,475	£ 1,433
Expenses per Mile ..	742	821	886	974	989
Net Profits per Mile	489	472	513	501	444

This table excludes all consideration of the interest payable on railway loans and expenses of paying the same which are given in the preceding table.

The inventory of the rolling-stock at 30th June, 1913, showed that there were at that time 668 locomotives, 1,399 carriages, 15,868 trucks, and 698 vans and sundry stock, of which 12 locomotives, 25 carriages, 210 trucks, and 2 luggage vans were narrow-gauge stock. The electric railway stock comprised 22 combined cars and trailers. During the year 1912-13, the following new stock (built at the Newport workshops, with the exception of 3 carriages and 716 trucks) was put into service :—46 locomotives, 128 carriages, 1,623 trucks, and 31 vans and sundry stock. The capital cost of the broad-gauge stock was £8,665,401, of the narrow-gauge £74,197, and of the electric railway stock £22,189.

**Railway staff.** The number of officers and employes in the railway service and the amount of salaries and wages (including travelling and incidental expenses) paid in each of the last five financial years were as set forth below :—

**RAILWAY STAFF—NUMBERS, SALARIES, ETC.**

Year.	Number of Employes.	Amount of Salaries and Wages Paid.
		£
1908-9 ... ..	14,639	1,846,754
1909-10 ... ..	16,839	2,006,433
1910-11 ... ..	19,927	2,366,873
1911-12 ... ..	22,504	2,832,398
1912-13 ... ..	23,808	3,098,657

Figures relating to the Railway Construction Branch are not included in the above statement, but particulars of the staff on the St. Kilda and Brighton Electric Street Railway are included.

The one railway in Victoria not belonging to the State system which is open for general traffic is that between Kerang and Koondrook, and owned and worked by the municipality of the Shire of Kerang. This railway is 13 miles 73 chains in length, and up to the end of 1913 cost £40,110 for construction and equipment. For the year 1913 the gross receipts were £4,714, the working expenses were £2,529, and the amount paid in interest and towards redemption was £1,809. The train mileage for the same year was 20,000.

A statement of freights in respect of commodities affecting rural producers has been supplied by the General Passenger and Freight Agent of the Victorian Railways, and is herewith appended:—

### VICTORIAN RAILWAY GOODS RATES.

Commodities.	50 miles.	100 miles.	150 miles.	200 miles.	250 miles.	300 miles.	350 miles.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Rate per ton.							
Agricultural Produce, in truck loads of 6 tons*	5 6	8 6	9 4	10 6	11 6	12 4	13 2
Potatoes, in truck loads of 6 tons	4 6	8 6	9 4	10 6	11 6	12 4	13 2
Dairy Produce, consisting of Eggs, Butter, Milk, Cream, Cheese, Hams and Bacon (minimum, 1 ton)†	9 5	17 4	23 7	29 8	33 10	37 11	42 1
Fresh Fruit†	6 2	11 2	14 8	18 1	20 8	23 2	25 10
Fresh Meat, in 5-ton lots; Fencing Wire, in lots of 10 tons and upwards; Woolpacks and Cornsacks, in truck loads of 6 tons	8 3	14 11	19 6	24 1	27 6	30 11	34 5
Poultry†	13 2	24 1	32 9	41 3	47 0	52 9	58 5
Wool†	17 0	33 6	43 0	49 3	55 6	61 9	68 0
Agricultural Machinery and Implements, Binder Twine†	17 3	34 0	50 6	63 0	75 6	84 0	92 3
Fencing Wire, in truck loads of 6 tons	11 0	21 0	31 0	38 5	45 10	49 5	53 0
Wire Netting, in truck loads of 6 tons	4 3	7 6	10 6	12 3	14 2	15 10	17 4
Manures, in 5-ton lots	2 10	4 3	5 4	6 4	7 4	8 5	8 10
Rate per truck.							
Live Stock .. .. .	38 0	73 6	86 0	113 0	141 0	168 6	196 0

\* Agricultural Produce includes Wheat, Oats, Barley, Maize, Beet, Hay, Straw, Flour, Bran, Pollard, Sharps and Malt. Also Wine, Fruit, Jams, Jellies, Sauces, and Pickles, produce of the Commonwealth, consigned direct for export.

† These commodities are subject to the Tariff for "Smalls," and, when consigned in lots up to 3 cwt., the charges are slightly higher than *pro rata* of the tonnage rates.

Fares on  
Victorian  
Railways.

A summary of passenger fares has also been obtained from the same source.

### VICTORIAN RAILWAY PASSENGER FARES.

Distance.	Single.		Return.			
	1st Class.	2nd Class.	1st Class.	2nd Class.	1st Class Holiday Excursion.	2nd Class Holiday Excursion.
Miles.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
50 ..	7 6	5 0	12 6	8 4	10 1	6 8
100 ..	15 0	10 0	25 0	16 8	20 3	13 8
150 ..	22 6	15 0	37 6	25 0	30 4	20 3
200 ..	30 0	20 0	50 0	33 4	40 3	26 11
250 ..	37 6	25 0	62 6	41 8	50 7	33 7
300 ...	44 6	29 8	74 0	49 6	60 6	40 3
350 ..	51 4	34 2	85 6	57 0	70 6	47 2

Cheap excursion tickets, at the rate of 1½d. per mile for first class return and 1d. per mile for second class return, are issued to and from Melbourne and the various country stations as may be advertised from time to time.

From the 15th November to the 30th April each year return tickets are issued to the various seaside and mountainous district resorts from all stations throughout Victoria at holiday excursion fares, and are available for two months from date of issue.

Oversea freights to London on the undermentioned articles of primary produce have been supplied by the Exports Superintendent :—

### OVERSEA FREIGHTS, MELBOURNE TO LONDON, ETC.

Butter	...	...	{ (Per P. and O. steamers), 2s. 6d. per box
			" Orient " 2s. 4d. "
			" Other " 2s. "
Cheese	...	...	½d. per lb. (subject to variation in freight)
Lamb	...	...	½d. "
Mutton	...	...	½d. "
Beef	...	...	½d. "
Veal	...	...	½d. "
Ham and Bacon	...	...	½d. "
Rabbits	...	...	{ 55s. per ton to London, Liverpool, and Hull
			65s. " Manchester
Fruit	...	...	{ 60s. " per Orient steamers
			65s. " other steamers
Wheat	...	...	30s. per ton (subject to variation in freight)
Wool—	...	...	
Greasy	...	...	½d. per lb. to London
Scoured	...	...	½d. " "
All case Goods	...	...	{ (Ordinary cargo) 60s. per ton per mail steamers
			" 40s. " other "

## TRAMWAYS.

**Victorian tramways.** The various tramway systems in the State comprise 45·925 miles of cable lines, double track; 49·2735 miles of electric lines, of which 22·402 miles are double, and 26·8715 miles single track; 14·725 miles of horse-lines, of which 6·475 miles are double and 8·25 miles single track; and a steam tramway of 1 mile, double track.

The towns other than the metropolis having tramway systems which are represented in these figures are:—Ballarat, with 13·1 miles of electric lines and 1·75 miles of horse lines; Bendigo, with 8·6625 miles of electric lines; Geelong, with 4·91 miles of electric lines; and Sorrento, with 1 mile of steam tramway.

The electric street railway, St. Kilda to Brighton, under the management of the Victorian Railways Commissioners, is not referred to in this connexion, being included under the heading Railways.

The following table contains a summary of particulars relating to all tramways in Victoria:—

VICTORIAN TRAMWAYS, 1909-10 TO 1912-13.

Financial Year.	Tram Mileage.	Passengers Carried.	Traffic Receipts.	Expenditure.	Rolling Stock.	Persons Employed.
			£	£		
1909-10	12,241,747	80,342,341	669,683	556,957*	1,093	2,200*
1910-11	13,069,693	89,168,324	747,065	583,891*	1,098	2,424*
1911-12	14,141,316	101,590,969	846,305	594,081*	1,115	2,472*
1912-13	15,037,261	110,422,624	911,245	659,160*	1,171	2,592*

\* Including particulars relating to omnibus lines of the Melbourne Tramway and Omnibus Company.

**Melbourne tramways.** The tramways worked by the Melbourne Tramway and Omnibus Company are held under lease expiring on 1st

July, 1916, and were constructed by the Melbourne Tramway Trust, under authority of Parliament, Act No. 47 Vict. No. 765. The Trust is composed of representatives of all the municipalities in the streets of which tramways were authorized to be constructed under the Act referred to. On the security of the municipal properties and revenues and of the tramways, the Trust issued debentures, at 4½ per cent., for £1,650,000, for which it received £1,705,794 in cash. The obligations of the company leasing the tramways are to provide its own rolling-stock, keep the tramways in repair, and hand the same over to the Trust at the expiration of the lease, pay the interest on the money borrowed by the Trust, and contribute to a sinking fund for the extinction of the Trust's loan. The sinking fund amounted to £1,591,350 at 1st January, 1914.



The following table has been compiled from information furnished by the secretary of the Melbourne Tramway and Omnibus Company :—

**TRAMWAYS OF THE MELBOURNE TRAMWAY AND OMNIBUS COMPANY, 1903-4 TO 1913-14.**

Year ended 30th June.	Tram Mileage.	Passengers Carried.	Traffic Receipts.
			£
1904 ... ..	8,968,928	49,183,742	444,495
1905 ... ..	8,932,073	50,297,357	448,740
1906 ... ..	9,032,523	52,925,654	469,079
1907 ... ..	9,536,397	59,069,280	506,635
1908 ... ..	9,810,808	63,954,512	545,269
1909 ... ..	9,856,345	66,522,463	565,601
1910 ... ..	10,010,975	68,695,853	581,390
1911 ... ..	10,636,440	76,295,825	644,187
1912 ... ..	11,313,212	84,926,712	715,524
1913 ... ..	11,839,473	89,359,248	751,091
1914 ... ..	12,056,510	91,438,777	766,426

The length of lines open on 30th June, 1914, comprised 43·675 miles of double track cable tramways, and 4·475 miles of double track horse tramways. The traffic of each of the last ten years has successively eclipsed that of any former year, 1913-14 exceeding 1912-13 by 2,079,529 passengers. The number of tram miles run in 1913-14 shows an increase of 217,037 over the number for 1912-13.

In addition to the lines of the Melbourne Tramway and Omnibus Company, there are within or on the fringe of the metropolitan area 23·601 miles of electric tramways (18·947 miles being double track and 4·654 miles single track), 2½ miles of cable tramways (double track), and 8·5 miles of horse tramways (2 miles being double and 6½ miles single track). Of these, the most recently constructed are the Prahran-Malvern electric tramways, which are controlled by a Trust representing the municipalities of Prahran and Malvern. They are 15·701 miles in length, and have cost £421,141 to construct and equip. The remaining metropolitan tramways and their mileage are the North Melbourne-Essendon electric lines, 7·9 miles; the Northcote-Preston cable line, 2½ miles; the Sandringham-Beaumaris horse line, 7 miles, and the Coburg horse line, 1½ miles. The traffic particulars of these lines are as follow :—

**OTHER METROPOLITAN TRAMWAYS.**

Financial Year.	Miles of Track.	Tram Mileage.	Passengers Carried.	Traffic Receipts.
				£
1908-9 ... ..	17·78	860,000	4,755,000	26,500
1909-10 ... ..	23·275	1,104,164	6,713,825	42,071
1910-11 ... ..	23·392	1,306,688	7,997,735	56,940
1911-12 ... ..	25·879	1,554,482	10,675,443	74,503
1912-13 ... ..	34·351	1,848,639	14,344,054	96,960

**Country tramways.** In country towns there were in 1913, 25·6725 miles of electric tramways, 1·75 miles of horse tramway, and 1 mile of steam tramway, of which the traffic particulars for the last five financial years are subjoined.

### TRAMWAYS IN COUNTRY TOWNS.

Financial Year.	Miles of Track.	Tram Mileage.	Passengers Carried.	Traffic Receipts.
				£
1908-9 ... ..	23·0	1,166,000	4,700,000	43,623
1909-10 ... ..	23·2	1,126,608	4,932,663	46,222
1910-11 ... ..	23·975	1,126,565	4,874,764	45,938
1911-12 ... ..	26·63	1,273,622	5,988,814	56,278
1912-13 ... ..	28·4225	1,349,149	6,719,322	63,193

### LICENSED VEHICLES.

**Licensed vehicles in Melbourne.**

The licensing of vehicles plying, kept, or let out for hire within the city of Melbourne or for a distance of 8 miles beyond the city boundaries is controlled by the Melbourne City Council. The appended statement gives details of vehicles and drivers licensed annually during the last five years.

### LICENSED VEHICLES IN MELBOURNE, 1909 TO 1913.

	1909.	1910.	1911.	1912.	1913.
<i>For Passenger Traffic.</i>					
Cabs (4 wheel) ... ..	547	528	527	527	517
" (Hansoms) ... ..	238	238	235	251	237
Omnibuses ... ..	51	40	28	11	9
Tram Cars ... ..	422	428	429	432	432
" Dummies ... ..	353	360	359	389	389
Motor Cars ... ..	...	...	7	29	25
" Omnibuses ... ..	...	...	...	...	43
Total ... ..	1,611	1,594	1,585	1,639	1,652
<i>For Conveyance of Goods.</i>					
Drivers licensed ... ..	1,826	1,732	1,912	2,643	2,534

**Motor cars, &c.** The use of motor cars and motor cycles in Victoria is regulated by Act No. 2237, under the provisions of which every motor car and motor cycle must be registered with the Chief Commissioner of Police, and the registration renewed annually. On 31st December, 1913, the number of motor cars registered was 6,765, and the number of motor cycles 4,520. No person may drive a motor car or motor cycle upon any public highway without having been licensed for that purpose. On 31st December, 1913, the number of drivers of motor cars and motor cycles licensed by the Chief Commissioner was 13,300.