

## INTERCHANGE.

## COMMERCE.

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 there was a revision of the Tariff, which was made retrospective to 8th August, 1907. This Tariff is given in detail on page 465 of the *Year-Book* for 1908-9.

Amendments of some rates of duty in the Tariff of 1908 came into force in 1910, and further amendments came into operation on 1st December, 1911. These are given on page 407 of the *Year-Book* 1910-11 and page 355 of the *Year-Book* for 1911-12 respectively.

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 The only amendment of the schedule as there stated is that the duty on sugar has been repealed.

Proposed amendments of some rates of duties in the Customs and Excise Tariffs became operative on 3rd December, 1914, but the Bill has not yet been finally dealt with by Parliament.

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 oversea 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.

On the 23rd October, 1914, the Commonwealth Parliament passed the Trading with the Enemy Act which declares that any person trading with the enemy is guilty of an offence. The Customs Act (No. 19 of 1914) amends the *Customs Act* 1901-10 by giving the Governor-General authority to prohibit the exportation of goods in time of war. By virtue of the latter Act, proclamations prohibiting or controlling exports from the Commonwealth have been issued from time to time—hence the outbreak of war, in conjunction with the Acts mentioned, has materially affected the figures for the year 1914-15, as shown in the following tables.

In order that uniformity in statistical compilation should be secured, especially in the matter of production and trade statistics, an arrangement was made with the Commonwealth Statistician in September, 1914, to the effect that the annual tabulation of imports and exports be recorded for the year ended 30th June, instead of 31st December, as formerly.

Regulation of  
Trade during  
the War.

Trade Returns.  
Alteration of  
the Statistical  
Year.

Overseas  
imports and  
exports.

The total values and the values per head of population of imports from and exports to overseas countries for the ten years 1905 to 1914-15 are set forth hereunder:—

VALUE OF OVERSEA IMPORTS AND EXPORTS,  
1905 TO 1914-15.

Year.	Imports Oversea		Exports Oversea.	
	Total.	Per head of population.	Total.	Per head of population.
	£	£ s. d.	£	£ s. d.
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
1914-15	20,997,294	14 13 6	12,357,334	8 12 9

The overseas trade of 1913 was considerably less than that of 1912, but during the period 1905-1913 imports had increased by £11,429,218, and exports by £3,806,754, which represent increases of £6 19s. 5d. and £1 7s. 8d. per head of population respectively. The effects of the war and the drought are reflected in the figures for 1914-15, which, in proportion to population, are the lowest since 1905.

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

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 oversea countries and the surplus of imports or exports in each case during 1914-15 are as follows:—

IMPORTS FROM AND EXPORTS TO OVERSEA COUNTRIES,  
1914-15.

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 .. ..	12,395,553	8,348,731	+4,046,822
Canada .. ..	286,959	17,707	+ 269,252
Ceylon .. ..	406,555	46,642	+ 359,913
Fiji .. ..	142,714	40,945	+ 101,769
Hong Kong .. ..	111,334	121,506	- 10,172
India (including Burmah) .. ..	965,694	251,397	+ 714,297
Mauritius .. ..	7,663	19,352	- 11,689
New Zealand .. ..	786,601	912,471	- 125,870
Ocean Island .. ..	132,417	11,087	+ 121,330
South African Union .. ..	71,071	399,416	- 328,345
Straits Settlements .. ..	206,435	109,561	+ 96,874
Other British Possessions .. ..	7,323	6,455	+ 868
Alaska .. ..	10,001	..	+ 10,001
Argentine .. ..	177,525	2,013	+ 175,512
Asia Minor .. ..	4,492	197	+ 4,295
Belgium .. ..	154,708	14,911	+ 139,797
Chili .. ..	105,935	31,497	+ 74,438
China .. ..	35,392	48,433	- 13,041
Denmark .. ..	9,120	..	+ 9,120
East Indies—Borneo (Dutch) .. ..	19,166	8,030	+ 11,136
Celebes .. ..	1	8,893	- 8,892
Java .. ..	231,223	164,350	+ 66,873
Sumatra .. ..	89,388	12,727	+ 76,661
Egypt .. ..	4,552	31,512	- 26,960
France .. ..	84,348	248,640	- 164,292
Holland (Netherlands) .. ..	50,819	2,196	+ 48,623
Italy .. ..	126,718	106,329	+ 20,389
Japan .. ..	540,316	83,557	+ 456,759
Nauru Island .. ..	8,620	7,688	+ 932
Norway .. ..	376,785	1	+ 376,784
Philippine Islands .. ..	43,815	30,948	+ 12,867
Portugal .. ..	11,652	1,434	+ 10,218
Portuguese East Africa .. ..	..	23,297	- 23,297
Russia .. ..	1,777	26,151	- 24,374
Spain .. ..	20,140	370	+ 19,770
Sweden .. ..	153,319	650	+ 154,669
United States of America .. ..	2,668,565	1,162,825	+1,505,740
Other Foreign Countries .. ..	546,598	55,415	+ 491,183
<b>Total .. ..</b>	<b>20,997,294</b>	<b>12,357,334</b>	<b>+8,639,960</b>

The oversea trade in 1914-15 shows an excess in the value of imports amounting to £8,639,960. The excess in favour of imports from British countries was £5,235,049, there being a balance

of imports to the amount of £5,710,257 as regards the United Kingdom, India, Ceylon, Canada, Ocean Island, Fiji, and Straits Settlements; and a balance of exports amounting to £475,208 in respect of the remaining British countries. As regards foreign countries, the value of the imports from the United States was greater by £1,505,740 than that of exports thereto; while, on the other hand, exports to France showed a surplus over imports of £164,292. The value of all goods received from other foreign countries exceeded that of goods sent thereto by the sum of £2,063,463.

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,  
1910 TO 1914-15.

Countries.	1910.	1911.	1912.	1913.	1914-15.
Imports (Oversea).					
From—	£	£	£	£	£
New Zealand ...	925,819	978,677	999,958	772,194	786,601
United Kingdom ...	11,648,160	12,502,234	14,631,958	14,096,121	12,395,553
India, Burmah and Ceylon	1,358,721	1,128,654	1,124,888	1,459,058	1,372,249
South African Union	26,114	16,454	60,148	43,631	71,071
Other British Pos- sessions	625,927	663,140	749,888	1,019,111	894,845
Belgium ...	418,719	608,891	613,955	683,083	154,708
France ...	184,207	250,411	226,343	215,475	84,348
Germany ...	1,338,612	1,631,455	1,878,043	1,738,678	*474,410
United States of America	2,211,517	2,592,032	2,913,341	2,580,362	2,668,565
Other Foreign Coun- tries	1,264,810	1,479,015	1,882,552	1,779,360	2,094,944
Total ...	20,002,666	21,850,963	25,081,074	24,387,073	20,997,294
Exports (Oversea).					
To—					
New Zealand ...	945,019	805,029	781,723	834,354	912,471
United Kingdom ...	10,259,719	10,507,025	9,023,343	9,095,329	8,348,731
India, Burmah and Ceylon	334,936	802,255	2,476,143	330,570	298,039
South African Union	569,055	567,781	434,728	606,945	399,416
Other British Pos- sessions	297,418	369,420	408,186	388,287	326,613
Belgium ...	809,609	755,106	812,674	767,749	14,911
France ...	2,441,502	2,407,978	2,136,898	2,563,201	248,640
Germany ...	1,071,391	801,302	1,287,540	1,029,433	*36,552
United States of America	473,467	412,160	331,259	632,996	1,162,825
Other Foreign Coun- tries	986,120	1,487,660	1,420,627	1,586,531	609,136
Total ...	18,188,236	18,915,716	19,113,121	17,835,395	12,357,334

\* Approximately one month's 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 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 1910, 1913, and 1914-15, and with India, Burmah, and Ceylon in 1912; but in other years there was an excess of imports from those countries. Prior to the war trade with Germany showed an excess of imports, and that with Belgium an excess of exports.

The principal articles imported from oversea countries into Victoria during the year 1914-15 are shown in the sub-joined statement:—

VALUES OF PRINCIPAL ARTICLES IMPORTED OVERSEA INTO VICTORIA, 1914-15.

Articles.	Values.	Articles.	Values.
	£		£
Acids .. .. .	42,047	Electrical Articles and Materials	169,389
Ale, Beer, and Porter .. .. .	89,943	Fancy Goods .. .. .	99,963
Alkalies .. .. .	75,071	Feathers, Dressed and Undressed .. .. .	30,789
Animals—Horses .. .. .	22,160	Fibre—Flax, Hemp, &c. .. .. .	97,801
Apparel and Attire .. .. .	823,574	Fish—Fresh and Preserved, &c. .. .. .	240,437
Arms, Ammunition, and Explosives .. .. .	162,688	Floor Coverings, Floor Rugs .. .. .	171,108
Bags and Sacks .. .. .	413,146	Fruits—Dried and Preserved .. .. .	19,170
Bags, Purses, N.E.I., Wallets, Baskets, Boxes, Trunks, &c. .. .. .	51,325	"    Fresh .. .. .	145,133
Belting—Composition, Leather, and Rubber .. .. .	19,847	Furniture .. .. .	33,952
Books, printed .. .. .	227,956	Furs .. .. .	21,908
Boots, Shoes, and Goggles, &c. .. .. .	161,954	Gelatine and Glue .. .. .	15,031
Brass—Pipes and tubes, sheet, plate, &c. .. .. .	53,189	Glass and Glassware .. .. .	140,893
Brushware .. .. .	39,426	Gloves .. .. .	121,194
Butter .. .. .	150,078	Gold—Bullion and Specie .. .. .	132,476
Buttons, Buckles, &c. .. .. .	59,455	Grain—	
Calcium Carbide of .. .. .	31,847	Barley .. .. .	51,067
Canvas and Duck .. .. .	140,072	Bran, Pollard .. .. .	82,002
Caramel and Caramel Paste .. .. .	33,481	Maize .. .. .	70,265
Carpets and Carpeting .. .. .	89,679	Oats .. .. .	197,785
Cement, Portland .. .. .	50,972	Wheat .. .. .	322,472
China, Porcelain and Porcelain Ware .. .. .	31,370	Rice .. .. .	99,782
Clocks .. .. .	18,927	Other—Prepared and Un-prepared .. .. .	25,366
Cocoa, Cocoa Beans, and Chocolate .. .. .	77,510	Gums, dry .. .. .	30,408
Coffee, and Coffee and Chicory .. .. .	39,663	Hats, Caps, and Bonnets .. .. .	125,388
Confectionery .. .. .	124,256	"    minor articles for	25,292
Copper—Pipes and tubes, sheet, plate, wire, &c. .. .. .	124,263	Hay and Chaff .. .. .	32,467
Cordage and Twines—		Hessians, &c. .. .. .	112,855
Sewing Silks, Twists, Cottons, &c. .. .. .	156,749	Hops .. .. .	18,326
Other .. .. .	65,001	Insecticides and Disinfectants, &c. .. .. .	12,120
Cosies, Cushions, Drapery for furniture, Quilts, &c. .. .. .	130,008	Instruments—Musical, and parts thereof—	
Cotton—Raw, Waste, &c. .. .. .	30,670	Pianos .. .. .	50,804
Curtains and Blinds .. .. .	29,680	Other .. .. .	20,450
Cutlery .. .. .	71,025	Instruments—	
Drugs and Chemicals .. .. .	174,738	Surgical and Dental .. .. .	35,577
Dyes .. .. .	22,968	Scientific, &c. .. .. .	11,906
Earthenware, Brownware, &c. .. .. .	68,228	Kinematographs, Bioscopes, &c. .. .. .	24,809
		Talking Machines, &c. .. .. .	7,168
		Iron and Steel—	
		Bar, Rod, Angle, and Tee .. .. .	249,504
		Girders, Beams, Joists, &c. .. .. .	90,469
		Ingots and Blooms .. .. .	45,006

VALUES OF PRINCIPAL ARTICLES IMPORTED OVERSEA INTO VICTORIA,  
1914-15—continued.

Articles.	Values.	Articles.	Values.
Iron and Steel— <i>continued.</i>	£	Piece Goods—	£
Pig .. .. .	90,438	Cottons and Linens ..	1,552,608
Plate and Sheet .. ..	507,218	Silks .. .. .	593,228
Other .. .. .	54,850	Velvets and Velveteens ..	289,306
Jewellery and Imitation Jewel- lery, &c. .. .. .	107,470	Woolens .. .. .	621,928
Kapok .. .. .	27,562	Other .. .. .	105,021
Lamps and Lampware .. ..	50,408	Pipes, Smoking .. .. .	30,713
Leather .. .. .	208,203	Rails, Fishplates, &c. ..	133,330
Leather Manufactures, N.E.I. ..	12,354	Rubber and Rubber Manufac- tures .. .. .	384,940
Machines and Machinery—		Sago and Tapioca .. .. .	15,930
Agricultural .. .. .	187,380	Sausage Casings .. .. .	24,743
Electrical and Gas .. .. .	338,295	Seeds .. .. .	104,654
Engines .. .. .	41,125	Silver—Bullion and Specie ..	254,279
Machines and Machine Tools, N.E.I. .. .. .	55,240	Skins and Hides .. .. .	108,704
Motive Power .. .. .	204,742	Soap .. .. .	32,468
Printing .. .. .	22,622	Spices .. .. .	39,655
Sewing .. .. .	45,444	Spirits—	
Other .. .. .	311,546	Brandy .. .. .	49,907
Manures .. .. .	205,924	Gin and Schnapps .. .. .	38,579
Matches and Vestas .. .. .	39,438	Whisky .. .. .	162,599
Medicines .. .. .	67,255	Other .. .. .	42,119
Metals, Manufactures of—		Stationery, manufactured, &c. ..	85,488
Bolts and Nuts .. .. .	36,561	Stone, Marble, and Slate ..	30,997
Pipes and Tubes .. .. .	182,152	Sugar (produce of Cane) .. ..	56,544
Wire .. .. .	130,314	Sulphur, Brimstone .. .. .	50,075
Wire Netting .. .. .	67,089	Tea .. .. .	596,737
Other .. .. .	599,990	Tiles .. .. .	20,342
Nuts, Edible .. .. .	41,092	Timber .. .. .	700,719
Oilmen's Stores .. .. .	60,826	Tinned Plates and Sheets (plain)	198,457
Oils, Bottled and in bulk—		Tobacco, Cigars, and Cigarettes	203,734
Benzine .. .. .	182,368	Tools of Trade (not being ma- chine tools) .. .. .	136,208
Kerosene .. .. .	142,678	Trimnings and Ornaments ..	200,320
Linseed .. .. .	38,785	Turpentine .. .. .	15,727
Lubricating .. .. .	70,416	Varnishes .. .. .	26,000
Other .. .. .	103,674	Vehicles and parts thereof—	
Paints and Colours .. .. .	152,864	Motor Bodies and Chassis ..	288,519
Paper—		Other .. .. .	291,259
Printing .. .. .	320,506	Vessels (ships) .. .. .	213,200
Writing and Typing .. .. .	101,463	Watches and Chronometers ..	41,031
Other, including Millboard, Strawboard, Paperhang- ings .. .. .	220,475	Waxes .. .. .	38,687
Perfumery, &c. .. .. .	31,082	Wines .. .. .	22,642
Personal and Household Effects	24,524	Wood, Articles made of .. ..	54,508
Photographic Goods and Access- ories .. .. .	17,975	Yarns .. .. .	192,707
Pickles and Sauces .. .. .	18,749	All other Articles .. .. .	639,692
		Total .. .. .	20,997,294

The principal articles exported to oversea countries from Victoria during the year 1914-15 were as shown here-  
under:—

VALUES OF PRINCIPAL ARTICLES EXPORTED OVERSEA  
FROM VICTORIA, 1914-15.

Articles.	Values.	Articles.	Values.
Ammonia, Sulphate .. .. .	£	Fodder .. .. .	£
Animals—	36,364	Fruits—Fresh, Dried, and Pre- served .. .. .	14,892
Horses .. .. .	106,959	Gold—Bullion, Ore and Specie ..	446,799
Sheep .. .. .	15,257	Grain, &c —	
Apparel and Attire .. .. .	15,915	Wheat .. .. .	160,642
Bark (Tanning) .. .. .	11,954	Flour .. .. .	191,214
Biscuits .. .. .	39,313	Other, Prepared and Un- prepared .. .. .	66,285
Books (Printed), &c. .. .. .	33,600	Hay and Chaff .. .. .	40,099
Butter .. .. .	821,940		
Confectionery, &c. .. .. .	11,098		
Copper .. .. .	63,009		

VALUES OF PRINCIPAL ARTICLES EXPORTED OVERSEA FROM VICTORIA,  
1914-15—continued.

Articles.	Values.	Articles.	Values.
	£		£
Jams and Jellies .. ..	36,625	Personal Effects, &c. ..	14,929
Jewellery, Cameos, and Precious Stones .. ..	11,843	Piece Goods .. ..	20,573
Lard and Refined Animal Fats .. ..	22,863	Plants, Trees, and Bulbs .. ..	11,914
Lead .. ..	144,734	Rags .. ..	10,729
Leather .. ..	495,801	Rubber and Rubber Manufactures .. ..	79,886
Machines and Machinery—		Sausage Casings .. ..	38,195
Agricultural .. ..	13,238	Silver—Bullion, Ore, and Specie .. ..	49,403
Mining .. ..	34,748	Skins and Hides .. ..	885,075
Other .. ..	41,639	Soap .. ..	43,730
Manures .. ..	48,265	Stearine .. ..	19,186
Meats—		Tallow—Unrefined .. ..	192,400
Mutton and Lamb (Frozen) .. ..	1,248,085	Tea .. ..	43,479
Beef (Frozen) .. ..	384,804	Timber .. ..	11,181
Rabbits and Hares (Frozen) .. ..	127,721	Tin Ingots .. ..	109,337
Other .. ..	276,391	Tobacco, Cigars, and Cigarettes .. ..	69,450
Metals .. ..	14,481	Vehicles and Parts .. ..	11,690
Metals, Manufactures of .. ..	19,453	Wines .. ..	35,101
Milk .. ..	77,503	Wool .. ..	5,237,304
Oilmen's Stores .. ..	18,573	All other Articles .. ..	233,645
Oils—Bottled and in bulk .. ..	34,949		
Onions .. ..	12,381		
Ores other than Gold and Silver .. ..			
Ores .. ..	57,065	Total .. ..	12,357,334

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, 1910 TO 1914-15.

Articles.	Value in Year.				Ended 30th June, 1915.
	1910.	1911.	1912.	1913.	
	£	£	£	£	£
<i>Imported into Victoria from Oversea Countries.</i>					
Piece Goods .. ..	3,267,755	3,388,987	3,525,788	3,238,855	3,162,086
Machines and Machinery .. ..	1,013,728	1,218,516	1,449,019	1,339,688	1,206,394
Iron and Steel .. ..	1,064,648	1,177,275	1,294,912	1,380,030	1,037,485
Metal Manufactures .. ..	970,888	1,145,484	1,398,562	1,119,405	1,016,106
Apparel and Attire .. ..	699,809	797,566	1,049,221	993,922	823,574
Timber .. ..	847,139	1,107,317	979,354	951,295	700,719
Paper, Paperhangings, &c. .. ..	524,450	600,535	686,113	666,250	642,444
Tea .. ..	503,152	517,172	527,618	519,046	596,737
Vehicles and parts .. ..	403,548	530,012	842,340	791,006	579,778
Oils .. ..	472,160	432,768	602,593	486,356	537,921
Rubber and Rubber Manufactures .. ..	396,419	568,740	543,125	616,654	384,940
Tobacco, Cigars, and Cigarettes .. ..	312,699	369,191	424,172	398,751	303,734
Gold—Bullion .. ..	411,976	541,268	338,796	238,749	131,176
All Other Articles .. ..	9,114,435	9,456,132	11,418,961	11,647,066	9,874,200
Total .. ..	20,002,606	21,850,963	25,081,074	24,387,073	20,997,294
<i>Exported from Victoria to Oversea Countries.</i>					
Wool .. ..	7,190,789	6,255,599	6,990,918	6,282,291	5,237,304
Meat .. ..	912,192	996,388	935,293	1,634,806	2,037,001
Skins and Hides .. ..	1,296,516	1,089,451	1,329,400	1,688,409	885,075
Butter .. ..	1,780,044	2,361,587	1,545,771	1,681,987	821,940
Leather .. ..	177,976	151,552	253,914	227,497	495,801
Gold—Specie .. ..	428,264	1,084,470	3,155,987	611,025	400,120
Wheat and Flour .. ..	3,701,039	4,221,961	2,436,654	2,763,870	351,856
Tallow .. ..	378,924	480,256	324,497	371,816	192,400
Tin Ingots .. ..	241,896	338,982	346,118	282,817	109,337
All Other Articles .. ..	2,080,596	1,935,461	1,794,569	2,291,377	1,826,500
Total .. ..	18,188,236	18,915,716	19,113,121	17,835,395	12,357,334



It is worthy of notice that 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, and mineral products. During the last five years the value of wool exported exceeded that of the three principal items included in the imports, while the value of wool, meat, butter, and wheat and flour exported 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 54 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.

Victorian trade with the United Kingdom increased from £18,817,250 in 1909 to £23,655,301 in 1912 and to £23,191,450 in 1913, from which it receded to £20,744,284 in 1914-15. The value of imports exceeded that of exports 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, 1909 TO 1914-15.

Articles.	Value.					Year ended 30th June, 1915.
	1909.	1910.	1911.	1912.	1913.	
<b>Imported into Victoria from United Kingdom.</b>						
	£	£	£	£	£	£
Piece Goods—						
Cotton and Linen ..	1,248,104	1,424,097	1,511,023	1,517,049	1,478,876	1,480,357
Woolen ..	648,832	724,447	791,258	826,701	715,566	620,488
Velvets, &c. ..	448,431	459,633	352,376	427,864	346,833	259,395
Silk ..	293,066	323,947	323,193	299,954	292,338	370,653
Iron and Steel ..	606,430	770,696	800,117	885,441	925,224	790,151
Machines, Tools, and Im- plements ..	550,899	641,408	688,147	912,090	751,667	746,547
Apparel and Attire ..	494,324	581,195	651,798	880,066	827,118	685,392
Paper, Paperhangings, &c.	277,096	326,348	339,937	354,795	396,353	359,246
Vehicles and Parts ..	234,833	266,537	306,493	460,073	457,529	323,723
Books ..	205,041	208,635	251,904	267,200	229,853	197,098
Vessels (Ships) ..	264,000	310,500	10,000	245,210	705,000	182,000
All other Articles ..	4,680,533	5,610,717	6,475,988	7,555,515	6,970,234	6,380,533
<b>Total ..</b>	<b>9,946,089</b>	<b>11,648,160</b>	<b>12,502,234</b>	<b>14,631,958</b>	<b>14,096,121</b>	<b>12,395,553</b>
<b>Exported from Victoria to United Kingdom.</b>						
Wool ..	2,905,230	3,865,410	3,261,235	3,573,697	2,701,688	3,901,335
Meat, Frozen—						
Beef, Mutton and Lamb	414,443	796,255	815,147	781,126	1,387,961	1,618,931
Rabbits and Hares ..	80,729	67,921	65,351	55,626	104,723	127,506
Butter ..	936,675	1,595,268	2,178,650	1,360,978	1,520,499	647,627
Hides and Skins ..	553,529	568,619	442,005	574,036	622,899	575,345
Leather ..	130,566	92,704	84,782	169,138	157,068	422,970
Tallow ..	174,096	286,850	318,730	190,428	172,547	163,594
Tin Ingots ..	238,184	219,162	294,363	286,154	186,478	92,482
Copper ..	250,882	285,320	48,299	160	..	63,000
Wheat and Flour ..	2,547,669	2,424,848	2,137,643	1,220,403	1,291,836	35,768
Gold (Bullion and Specie)	213,020	34,098	313,372	342,011	58,000	1,029
All other Articles ..	426,138	523,264	547,448	469,586	891,630	699,144
<b>Total ..</b>	<b>8,871,161</b>	<b>10,259,719</b>	<b>10,507,025</b>	<b>9,023,343</b>	<b>9,095,329</b>	<b>8,348,731</b>

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 from 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 wheat and flour, 77 per cent. of the total is accounted for.

The trade with New Zealand for the year ended 30th June, 1915, shows little variation from that in 1912 or 1913, being greater by £92,524 than in the latter, but less by £82,609 than in the former year. 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, 1909 TO 1914-15.

Articles.	Value.					
	1909.	1910.	1911.	1912.	1913.	Year ended 30th June, 1915.
Imported into Victoria from New Zealand.						
Timber .. .. .	£ 184,093	£ 151,681	£ 173,828	£ 202,922	£ 160,720	£ 134,515
Gold—Bullion .. .. .	407,215	411,052	541,132	338,500	238,613	130,951
Skins and Hides .. .. .	110,146	99,847	68,248	48,515	76,485	78,190
Flax and Hemp .. .. .	59,750	57,717	17,965	32,116	62,531	28,218
Seeds .. .. .	13,952	18,667	9,254	20,526	12,582	26,506
Fish .. .. .	16,705	17,150	21,679	23,159	17,254	21,204
Animals (horses, cattle, sheep, and pigs)	30,522	91,482	71,190	30,908	30,567	7,646
Machines, Tools, and Implements ..	7,083	6,226	6,220	10,722	4,236	5,475
Books .. .. .	3,709	3,931	5,390	2,951	3,545	4,597
Meat, preserved in tins .. .. .	2,018	2,142	1,577	7,421	1,251	2,217
All other Articles .. .. .	75,520	65,974	62,194	282,218	164,410	347,082
<b>Total .. .. .</b>	<b>861,313</b>	<b>925,819</b>	<b>978,677</b>	<b>999,958</b>	<b>772,194</b>	<b>786,601</b>
Exported from Victoria to New Zealand.						
Gold—Specie .. .. .	600,000	806,108	100,000	150,000	250,000	275,000
Rubber manufactures .. .. .	38,396	60,826	91,181	61,386	71,846	77,382
Tobacco, manufactured .. .. .	69,435	64,068	65,425	75,291	66,652	66,357
Manures .. .. .	14,915	19,542	27,798	30,881	42,265	48,265
Tea .. .. .	18,745	38,912	42,850	38,532	27,289	42,623
Books .. .. .	24,396	26,846	36,964	44,267	33,711	28,325
Machinery .. .. .	35,692	37,579	31,575	35,728	27,527	26,614
Rice and Rice Meal .. .. .	11,119	11,517	19,565	17,876	18,673	25,869
Fruits—Dried .. .. .	1,418	4,725	5,321	17,059	7,775	20,205
Leather .. .. .	22,900	26,938	24,375	19,475	15,058	13,716
All other Articles .. .. .	280,791	348,168	359,975	291,228	273,558	288,135
<b>Total .. .. .</b>	<b>1,117,807</b>	<b>945,019</b>	<b>805,029</b>	<b>781,723</b>	<b>884,354</b>	<b>912,471</b>

In 1914-15 the imports from New Zealand were less than the exports thereto by 14 per cent. Leaving gold out of consideration, it will be observed that in the same year the items specified accounted for about 47 per cent. of the total in the case of imports, and 55 per cent. in the case of exports.

Trade with India and Ceylon. Trade with India (including Burmah) and Ceylon, which amounted to 5 per cent. of the Victorian oversea trade in 1914-15, was greater by £87,516 than in 1909, the value of the imports being more by £345,086, but that of the exports less by £257,570. The principal articles interchanged during the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO INDIA AND CEYLON, 1909 TO 1914-15.

Articles.	Value.					
	1909.	1910.	1911.	1912.	1913.	Year ended 30th June, 1915.
Imported into Victoria from India and Ceylon.	£	£	£	£	£	£
Tea .. .. .	363,165	422,943	400,041	443,239	451,389	486,645
Bags and Sacks .. .. .	414,848	600,472	405,166	264,596	588,270	410,879
Hessian .. .. .	46,159	56,332	50,847	63,476	87,520	100,932
Rice .. .. .	49,544	55,578	67,854	118,629	89,245	86,159
Rubber and Rubber Manu- factures .. .. .	2,336	19,473	10,618	43,539	66,904	72,093
Pig Iron .. .. .	6,675	13,927	20,229	20,264	24,155	47,368
Coffee .. .. .	16,886	17,606	22,087	27,227	22,904	17,485
Nuts .. .. .	6,801	10,589	11,301	12,412	14,509	12,127
Skins .. .. .	25,619	64,126	10,628	20,543	7,506	10,966
Cotton (raw) .. .. .	8,425	21,476	14,563	11,680	9,813	3,043
All other Articles .. .. .	86,705	127,163	114,720	99,283	96,843	124,752
<b>Total .. .. .</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>	<b>1,372,249</b>
Exported from Victoria to India and Ceylon.						
Horses .. .. .	60,171	80,880	67,764	57,681	37,769	97,449
Gold (Bullion and Specie)	399,602	162,601	611,792	2,299,703	144,087	45,314
Hay and Chaff .. .. .	4,562	8,644	10,606	15,003	14,333	36,818
Wool .. .. .	15,915	21,693	20,797	16,463	23,886	28,127
Wheat and Flour .. .. .	17,761	9,888	11,683	20,234	19,698	17,433
Biscuits .. .. .	6,195	6,475	6,179	6,084	7,904	8,098
Soap .. .. .	6,890	7,800	8,969	8,815	11,709	7,933
Butter .. .. .	4,705	6,307	6,531	7,169	6,834	4,227
Oats .. .. .	5,392	5,890	5,952	1,309	6,396	2,446
Tallow .. .. .	2,897	3,367	3,200	2,459	3,553	1,260
All other Articles .. .. .	31,519	30,922	48,782	41,223	54,401	48,934
<b>Total .. .. .</b>	<b>555,609</b>	<b>344,467</b>	<b>802,255</b>	<b>2,476,143</b>	<b>330,570</b>	<b>298,039</b>

The import trade from India and Ceylon is largely made up of jute goods, tea, and rice, whose value in 1914-15 formed over 79 per cent. of the total. In return horses, gold, hay, and chaff, and wool were in that year the leading items of exchange, all other exports being responsible for only 30 per cent. of the total.

Imports from Belgium increased by 102 per cent. between 1909 and 1913, but exports thereto increased by only 3 per cent. in the same period. That country accounted for about 3 per cent. of Victoria's oversea trade in the years immediately preceding 1914-15. 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, 1909 TO 1914-15.

Articles.	Value.					Year ended 30th June, 1915.
	1909.	1910.	1911.	1912.	1913.	
Imported into Victoria from Belgium.	£	£	£	£	£	£
Iron and Steel .. ..	73,758	121,098	168,073	127,967	205,932	39,960
Glass and Glassware .. ..	40,531	39,671	52,672	52,521	54,718	11,232
Confectionery .. ..	621	968	5,359	22,951	22,122	6,719
Vehicles, and parts .. ..	14,452	16,771	30,205	63,854	25,910	6,597
Cameos and Precious Stones..	35,567	34,858	59,419	31,596	26,947	5,800
Paper, Paperhangings, &c. ..	14,807	20,748	24,722	25,290	25,052	5,354
Piece Goods .. ..	9,815	16,506	19,552	20,794	20,700	4,628
Wire and Wire Netting .. ..	21,415	20,868	23,028	24,342	24,272	4,350
Copper .. ..	11,714	9,748	3,802	21,361	28,872	3,741
Wine .. ..	14,819	7,554	20,656	17,178	15,779	1,238
All other Articles .. ..	101,409	129,929	201,403	206,100	232,779	65,089
Total .. ..	338,908	418,719	608,891	613,955	683,083	154,708
Exported from Victoria to Belgium.						
Hides and Skins .. ..	204,490	241,635	194,814	233,806	280,705	11,577
Wool .. ..	458,475	381,183	365,026	442,832	387,793	1,924
Tallow .. ..	9,040	18,993	55,650	24,358	40,085	..
Wheat .. ..	9,896	105,239	78,300	59,362	30,945	..
Cameos and Precious Stones ..	1,626	1,791	3,132	17,393	9,085	605
Leather .. ..	22,700	23,397	9,050	11,119	6,010	..
Ores—Silver, Lead, &c. ..	34,936	23,342	22,098	16,370	120	..
All other Articles .. ..	6,347	14,029	26,536	7,434	13,006	805
Total .. ..	747,510	809,609	755,106	812,674	767,749	14,911

During the five years ended 1913 exports to Belgium exceeded imports therefrom. In exports the principal articles were wool and hides and skins, together representing 82 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.

Trade with  
France.

With France there was, on account of the war, considerable interruption in trade in 1914-15, up to which year the principal trade was in exports. These amounted in 1913 to £2,563,201, as against imports of £215,475. The increase in the total trade in the five years ended 1913 was £671,687, viz., exports £608,653, and imports £63,034. The principal articles imported from and exported to France in the years 1909 to 1914-15 were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO FRANCE, 1909 TO 1914-15.

Articles.	Value.					Year ended 30th June, 1915.
	1909.	1910.	1911.	1912.	1913.	
<b>Imported into Victoria from France.</b>						
	£	£	£	£	£	£
Piece Goods .. ..	11,443	15,504	28,935	34,867	34,330	14,252
Cream of Tartar .. ..	41,778	33,314	50,002	51,328	47,463	13,871
Rubber Manufactures .. ..	615	2,171	3,554	4,753	15,899	5,601
Vehicles, and parts .. ..	2,116	22,524	26,117	10,911	9,678	4,330
Wine .. ..	2,957	12,817	11,874	10,538	17,021	3,281
Acids .. ..	6,162	4,951	9,691	3,562	1,822	2,317
Cameos and Precious Stones .. ..	17,707	3,183	9,774	7,108	5,128	1,896
Gelatine, &c. .. ..	2,278	6,034	5,589	4,102	4,040	1,500
Corks, Cork Mats, &c. .. ..	6,090	5,201	6,965	4,698	3,148	1,232
All other Articles .. ..	61,295	78,508	97,910	94,476	76,946	36,068
<b>Total .. ..</b>	<b>152,441</b>	<b>184,207</b>	<b>250,411</b>	<b>226,343</b>	<b>215,475</b>	<b>84,348</b>
<b>Exported from Victoria to France.</b>						
Hides and Skins .. ..	243,352	397,204	390,989	437,967	675,689	194,992
Wool .. ..	1,683,732	1,967,053	1,465,492	1,668,081	1,792,625	42,334
Wheat .. ..	5,040	49,075	499,423	1,197	43,545	1,699
Tallow .. ..	10,385	24,074	38,822	24,955	40,122	670
Horns .. ..	1,093	255	995	272	611	..
All other Articles .. ..	10,946	3,841	12,252	4,426	10,609	8,945
<b>Total .. ..</b>	<b>1,954,548</b>	<b>2,441,502</b>	<b>2,407,978</b>	<b>2,136,898</b>	<b>2,563,201</b>	<b>248,640</b>

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 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, which amounted to 6½ per cent. of the total with oversea countries in 1913, was discontinued early in the year under review (1914-15) owing to the outbreak of war and the passing of the *Trading with the Enemy Act* 1914. The principal articles interchanged with Germany during the six years 1908 to 1913 are shown in the subjoined table:—

**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	140,602	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	136,736	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	60,972	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	823,384
<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	792,340	952,760	688,166	984,723	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	36,317
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	60,294
<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 were very varied in character, as may be seen from the fact that only half their total value was 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 1914-15 amounted to £3,831,390, of which £2,668,565 represented imports. As compared with the year 1913 this trade had increased by £618,032, there having been a growth of £88,203 in imports and

of £529,829 in exports. The exports in 1914-15 were worth 84 per cent. more than in 1913, and were exceeded in value only in the year 1909. 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, 1909 TO 1914-15.

ARTICLES.	Value.					
	1909.	1910.	1911.	1912.	1913.	Year ended 30th June 1915.
Imported into Victoria from the United States.	£	£	£	£	£	£
Machines, Tools, and Im- plements .. .. .	275,114	386,178	477,271	494,569	505,743	481,222
Oil .. .. .	226,155	301,867	207,004	335,901	228,975	237,423
Timber .. .. .	141,269	249,808	325,668	326,885	321,429	220,900
Vehicles, and parts ..	24,166	47,702	85,905	147,943	116,658	143,289
Iron and Steel .. ..	51,422	76,225	115,671	163,042	161,038	140,919
Tobacco, Cigars, and Cigarettes .. .. .	140,945	249,345	286,783	220,255	230,504	120,865
Leather .. .. .	54,319	30,207	50,396	75,927	124,232	106,441
Paper, Paperhangings, &c.	51,054	56,530	43,592	74,393	33,962	80,299
Wire and Wire Netting	51,923	52,978	89,781	96,724	74,534	50,545
Piece Goods .. .. .	18,736	27,554	65,981	66,370	36,993	42,860
Rails, Fishplates, &c. ..	53,203	129,530	139,686	41,828	2,760	3,496
All other Articles ..	468,691	603,593	704,294	869,504	743,534	1,040,306
<b>Total ..</b>	<b>1,556,907</b>	<b>2,211,517</b>	<b>2,592,032</b>	<b>2,913,341</b>	<b>2,580,362</b>	<b>2,668,565</b>
<b>Exported from Victoria to the United States.</b>						
Wool .. .. .	1,103,807	391,985	362,072	260,318	500,202	1,066,144
Hides and Skins .. ..	57,867	63,719	35,637	60,891	89,530	75,389
Eucalyptus Oil .. ..	1,747	1,986	3,926	1,060	4,993	2,185
Leather .. .. .	1,762	3,208	3,601	2,064	1,194	1,422
All other Articles ..	4,579	12,569	6,874	6,926	37,077	17,685
<b>Total ..</b>	<b>1,169,762</b>	<b>473,467</b>	<b>412,160</b>	<b>331,259</b>	<b>632,996</b>	<b>1,162,825</b>

The imports from the United States cover a wide range of articles; as after the seven leading items, which in 1914-15 accounted for 54 per cent. of their amount, the next largest four were responsible for only 7 per cent. of the total, and 39 per cent. of the whole was made up of articles of much smaller value. The exports to that country in the same year were equivalent to about 44 per cent. of the imports, and consisted principally of wool, which accounted for 92 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 1914-15.

OVERSEA IMPORTS, 1914-15—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 ... ..	286,959	331,376	1·367	1·578
Ceylon ... ..	406,555	407,849	1·936	1·942
Fiji ... ..	142,714	142,494	·680	·679
Hong Kong ... ..	111,334	1,969	·530	·009
India (including Burmah)	965,694	991,112	4·599	4·720
Mauritius ... ..	7,663	7,766	·036	·037
New Zealand ... ..	786,601	500,414	3·746	2·383
Ocean Island ... ..	132,417	132,376	·631	·630
South African Union	71,071	337,266	·338	1·606
Straits Settlements ...	206,435	79,407	·983	·378
United Kingdom ... ..	12,395,553	10,295,715	59·034	49·033
Other British Countries	7,323	137,834	·035	·656
Alaska ... ..	10,001	21,575	·048	·103
Argentine Republic ...	177,525	179,485	·845	·855
Austria-Hungary ... ..	4,981	39,069	·024	·186
Belgium ... ..	154,798	110,476	·737	·526
Borneo (Dutch) ... ..	19,166	25,028	·091	·119
Brazil ... ..	1,561	104,125	·007	·496
Chili ... ..	105,935	106,273	·505	·506
China ... ..	35,392	146,057	·169	·696
Cuba ... ..	2,527	23,616	·012	·112
Denmark ... ..	9,120	15,689	·043	·075
France ... ..	84,348	679,627	·402	3·237
Germany ... ..	474,410	695,430	2·259	3·312
Holland (Netherlands) ...	50,819	156,845	·242	·747
Italy ... ..	126,718	172,191	·604	·820
Japan ... ..	540,316	547,129	2·573	2·606
Java ... ..	231,223	210,110	1·101	1·001
Norway ... ..	376,785	404,103	1·794	1·925
Peru ... ..	...	3,243	...	·015
Philippine Islands	43,815	44,528	·209	·212
Portugal ... ..	11,652	26,843	·056	·128
Russia ... ..	1,777	37,286	·008	·178
Spain ... ..	20,140	54,731	·096	·261
Sumatra ... ..	89,388	147,189	·426	·701
Sweden ... ..	155,319	153,437	·740	·731
Switzerland ... ..	2,622	460,640	·013	2·194
United States ... ..	2,668,565	2,954,500	12·709	14·071
Other Foreign Countries	78,162	112,491	·372	·536
Total ... ..	20,997,294	20,997,294	100·000	100·000



**Australian produce exported.** An examination of the various articles of Australian produce exported from Victoria to oversea countries reveals the fact that in 1914-15 about 85 per cent. of the total was covered by the nine articles specified below :—

**PRINCIPAL ARTICLES OF AUSTRALIAN PRODUCE EXPORTED FROM VICTORIA TO OVERSEA COUNTRIES, 1910 TO 1914-15.**

Principal Articles.	1910.	1911.	1912.	1913.	Year ended 30th June, 1915.
	£	£	£	£	£
Gold (Bullion, Ore and Specie) ... ..	264,614	638,308	2,880,010	624,264	446,788
Butter ... ..	1,780,044	2,361,587	1,545,771	1,681,987	820,124
Flour ... ..	609,960	629,427	600,267	710,416	191,214
Wheat ... ..	3,091,079	3,592,534	1,836,387	2,053,454	160,642
Leather ... ..	164,474	143,036	245,707	221,454	492,553
Meat, Frozen—					
Mutton and Lamb ... ..	760,575	798,508	762,344	1,296,741	1,248,085
Other ... ..	127,426	142,898	126,953	268,320	531,867
Skins and Hides ... ..	1,296,421	1,089,258	1,328,817	1,685,700	884,997
Tallow ... ..	378,924	480,256	324,497	371,316	192,400
Wool ... ..	7,190,789	6,255,599	6,990,918	6,282,291	5,237,304
All other articles ... ..	1,724,402	1,804,606	1,724,421	1,554,335	1,825,078
<b>TOTAL ... ..</b>	<b>17,388,708</b>	<b>17,936,017</b>	<b>18,366,092</b>	<b>16,750,278</b>	<b>12,031,052</b>
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Per Head of Population	13 7 9	13 11 6	13 11 3	12 0 11	8 8 2
Percentage of Total Oversea Exports ...	95·60	94·82	96·09	93·92	97·36

Those articles of Australian produce exported oversea which are not specified in the above table, but are grouped under the heading "All other Articles," represented only 10 per cent. of the oversea exports in 1910 and in 1911, 9 per cent. in 1912 and in 1913, and 15 per cent. in 1914-15.

**Distribution of Australian produce.** The subjoined table shows the destination under general headings of Australian produce exported from Victoria to overseas countries in each of the past five years:—

EXPORTS OF AUSTRALIAN PRODUCE, 1910 TO 1914-15.

Destination.	1910.	1911.	1912.	1913.	1914-15.
	£	£	£	£	£
United Kingdom ...	10,092,947	10,222,247	8,864,218	8,606,317	8,283,608
Other British Possessions	1,550,563	1,906,761	3,582,434	1,637,256	1,692,457
Foreign Countries ...	5,745,198	5,807,009	5,919,440	6,506,705	2,054,987
Total ...	17,388,708	17,936,017	18,366,092	16,750,278	12,031,052

Of the Australian produce exported overseas in 1914-15, 69 per cent. was sent to the United Kingdom, 14 per cent. to "Other British Possessions," and 17 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 year preceding Federation and the ninth year thereafter.

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	£ 11,618,217	£ 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	5,412,881	-2,345,603	5,594,309	8,982,846	-3,388,537
South Australia ..	4,225,870	4,018,678	+207,192	6,239,257	4,177,986	+2,061,271
Western Australia ..	2,675,156	1,125,081	+1,550,125	3,084,578	2,060,537	+1,024,041
Tasmania .. ..	1,872,552	1,071,829	+800,723	2,387,854	3,003,782	-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, £1,042,934 in Queensland, by £526,084 in Western Australia, and £916,651 in Tasmania; whereas the growth of imports exceeded that of exports by £1,169,469 in New South Wales, and £1,854,079 in South Australia.

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, 1910-11 TO  
1914-15.

Heads of Revenue.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.
	£	£	£	£	£
<b>Import Duty—</b>					
Alcoholic Liquors ...	615,332	647,474	655,313	652,416	687,599
Narcotics ...	440,328	434,913	459,874	434,413	434,447
Sugar... ..	45,351	21,821	397,189	74,735	11,957
All other Articles ...	2,086,343	2,456,694	2,569,625	2,612,855	2,395,549
<b>Total ...</b>	<b>3,187,354</b>	<b>3,560,902</b>	<b>4,082,001</b>	<b>3,774,419</b>	<b>3,529,552</b>
<b>Excise Duty—</b>					
Spirits ... ..	101,587	110,171	111,812	113,184	129,821
Beer ... ..	208,254	227,398	229,108	260,825	401,041
Tobacco ... ..	249,104	260,880	254,869	265,237	282,412
Sugar... ..	270,656	291,960	57,703	3,945	1,481
<b>Total ...</b>	<b>829,601</b>	<b>890,409</b>	<b>653,492</b>	<b>643,191</b>	<b>814,755</b>
Miscellaneous ...	13,215	11,122	14,645	12,685	12,522
<b>Grand Total ...</b>	<b>4,030,170</b>	<b>4,462,433</b>	<b>4,750,138</b>	<b>4,430,295</b>	<b>4,356,829</b>

These figures have been furnished by the Customs Department, and the discrepancies between the totals in the 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 table is distributed between Customs and Excise duties in part "Finance."

The amounts shown for the five years are exclusive of drawbacks and refunds, but no allowance has been made for Inter-State adjustments. 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.

#### 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 oversea 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 626 *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, 1910 TO 1914-5.

	1910.	1911.	1912.	1913.	Year ended 30th June, 1915.
<b>Vessels Entered—</b>					
Number ...	2,308	2,335	2,399	2,481	2,324
Tons ...	4,952,273	5,148,184	5,426,146	5,950,035	5,290,063
Average tonnage ...	2,146	2,205	2,262	2,398	2,276
Crews ...	145,845	153,184	163,055	176,844	157,209
<b>Vessels Cleared—</b>					
Number ...	2,312	2,347	2,385	2,469	2,329
Tons ...	4,954,773	5,156,952	5,410,801	5,902,277	5,308,817
Average tonnage ...	2,143	2,197	2,269	2,391	2,279
Crews ...	145,567	152,683	161,611	175,704	157,745

The figures for the year 1914-15 in the above table compare favorably with the average of the last five-year period. For the twelve months ended 30th June, 1915, steamers numbered 2,166 of the vessels entered, and 2,169 of the vessels cleared, their tonnage aggregating 5,207,530 and 5,229,973 respectively.

The inward shipping of 1914-15 included 95 vessels in ballast, of an aggregate tonnage of 302,307, whilst the outward shipping included 456 vessels in ballast, having an aggregate tonnage of 701,368.

The more important of the countries having shipping communication with Victoria in 1914-15 are set out in the following statement:—

### SHIPPING WITH PRINCIPAL COUNTRIES, 1914-15.

Countries.	ENTERED.		CLEARED.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
Australian States ... ..	1,732	3,246,141	1,890	3,658,856
United Kingdom ... ..	179	946,522	156	806,673
New Zealand ... ..	83	143,756	74	211,386
Other British ... ..	133	400,700	129	414,265
<b>Total British Countries</b>	<b>2,127</b>	<b>4,737,119</b>	<b>2,249</b>	<b>5,091,180</b>
France ... ..	6	17,627	7	22,186
Germany ... ..	18	64,544	3	11,629
United States ... ..	62	182,282	17	35,396
Other Foreign ... ..	111	288,491	53	148,426
<b>Total Foreign Countries</b>	<b>197</b>	<b>552,944</b>	<b>80</b>	<b>217,637</b>
<b>Total ... ..</b>	<b>2,324</b>	<b>5,290,063</b>	<b>2,329</b>	<b>5,308,817</b>

The nationality of vessels entered and cleared at Victorian ports in each of the years 1910 to 1914-15 was as shown hereunder:—

### NATIONALITY OF VESSELS ENTERED AND CLEARED, 1910 TO 1914-15.

Year.	NUMBER OF VESSELS.				TONNAGE OF VESSELS.			
	Australian.	Other British.	Foreign.	Total.	Australian.	Other British.	Foreign	Total.
	Entered.							
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
1914-15	1,480	709	135	2,324	2,294,137	2,633,365	362,561	5,290,063
	Cleared.							
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
1914-15	1,484	712	133	2,329	2,303,739	2,645,617	359,461	5,308,817

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 1910 to 1914-15 are, Australian vessels, 58, 58, 57, 58 and 64 per cent., Australian tonnage, 36, 36, 35, 39 and 43 per cent.; other British vessels 32, 31, 31, 30 and 30 per cent.; other British tonnage 50, 49, 50, 46 and 50 per cent.; foreign vessels, 10, 11, 12, 12 and 6 per cent., and foreign tonnage 14, 15, 15, 15, and 7 per cent.

In the next table further details of the nationality of the shipping for the year 1914-15 are given:—

## NATIONALITY OF SHIPPING, 1914-15.

Nationality.	Entered.		Cleared.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
British—				
Australian ...	1,480	2,294,137	1,484	2,303,739
United Kingdom ...	544	2,443,774	545	2,450,137
Indian ...	5	16,359	6	19,320
New Zealand...	156	169,176	157	172,104
South African ...	4	4,056	4	4,056
Total British ...	2,189	4,927,502	2,196	4,949,356
Foreign—				
Austro-Hungarian ...	1	2,259	1	2,259
Danish ...	3	8,699	3	8,699
Dutch ...	16	46,214	16	46,214
French ...	13	39,286	12	37,382
German ...	21	75,864	20	71,835
Italian ...	3	6,437	4	7,716
Japanese ...	22	77,234	22	78,263
Norwegian ...	29	58,473	29	60,332
Russian ...	8	14,435	8	14,435
Swedish ...	10	24,343	10	24,343
United States ...	8	8,781	7	7,447
Uruguayan ...	1	536	1	536
Total Foreign ...	135	362,561	133	359,461
Total ...	2,324	5,290,063	2,329	5,308,817

Vessels on  
Victorian  
register.

The vessels on the Victorian register on 31st December, 1914, were as follows, the ports of registration and net tonnage being distinguished :—

### VESSELS ON THE VICTORIAN REGISTER, 1914.

Port of Registration.	Steamers.		Sailing Vessels.		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Melbourne ... ..	210	123,301	197	34,486	407	157,787
Geelong ... ..	3	449	5	360	8	809
Port Fairy ... ..	3	621	...	...	3	621
Total ... ..	216	124,371	202	34,846	418	159,217

During 1914 there were added to the register 16 steamers with net tonnage of 9,549, and 10 sailing vessels with a tonnage of 3,382; whilst 9 steamers having net tonnage of 4,003, and 11 sailing vessels having a tonnage of 870, 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 Australasian States and New Zealand on 30th June, 1915 :—

### VESSELS OWNED IN AUSTRALASIA, 1915.

States, &c.	Steamers.		Sailing Vessels.		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Victoria ... ..	196	129,436	225	38,489	421	167,925
New South Wales ... ..	556	103,956	604	40,974	1,160	144,930
Queensland ... ..	90	13,758	197	6,715	287	20,473
South Australia ... ..	112	51,130	208	18,580	320	69,710
Western Australia ... ..	36	20,354	402	15,025	438	35,379
Tasmania ... ..	59	6,095	157	5,820	216	11,915
Total Australia ... ..	1,049	324,729	1,793	125,603	2,842	450,332
Fiji ... ..	6	460	5	841	11	1,301
New Guinea ... ..	...	...	7	107	7	107
New Zealand ... ..	265	71,140	315	22,994	580	94,134
Total ... ..	1,320	396,329	2,120	149,545	3,440	545,874

Compared with 1914, vessels owned in Australia have decreased by 3 in number, but increased by 162 in tonnage.

### PORT OF MELBOURNE.

The port of Melbourne is under the control of the Melbourne Harbor Trust, which has 9.43 miles of wharfs, piers, and jetties in the River Yarra, Victoria Dock, and Hobson's Bay. The area of these wharfs is 50 acres 2 roods, of which 16 acres 2 roods are under sheds. An outline of some of the Trust's activities is given below.



**Works undertaken by Trust in River and Victoria Dock.**

The river has been widened from Queen's Bridge to the Bay from about 140 to 300 feet, and three swinging basins have been provided, one just below Queen's Bridge, 500 feet wide, one three-quarters of a mile further down the river, 550 feet wide, and one at the entrance to the Victoria Dock, 500 feet wide. The depth of the river has been gradually increased, until at the present time it is 26 feet at low water for all but the upper half-mile, where the depth is from 18 feet upwards, but is being increased to 26 feet. Turning to the wharfage available for shipping, there is a berthing space of 44,280 feet, the whole of which has a good depth of water—7,100 feet at Williamstown, 8,460 feet at Port Melbourne, 19,920 feet in the River Yarra, and 8,800 feet in the Victoria Dock. This dock, which is 4 miles from the river entrance, was opened in 1892, and has an area of 96 acres, and a depth of 26 feet of water at low tide. The entrance to the dock is 160 feet wide, and on the 8,800 feet of wharfage there are six closed and seven open sheds, all 53 feet in width, and two open and closed sheds 60 feet in width, the total length of all the sheds being 4,870 feet.

**Coode Canal.** In 1886 a canal across the flats below Fisherman's Bend was completed at a cost of £96,000, the length being 2,002 yards. The construction of the canal had the effect of reducing the distance from Queen's Bridge to the river entrance from 7 miles to  $5\frac{3}{4}$  miles, and of greatly facilitating navigation. This channel, which is called Coode Canal, has been widened by 164 feet, making its total width 487 feet, and its width at low water 430 feet. It has a depth of 26 feet at low water for a width of 274 feet.

**Dredging.** The material dredged and disposed of during 1914 amounted to 4,207,764 cubic yards, viz., 3,577,364 cubic yards from Hobson's Bay, and 630,400 cubic yards from the River Yarra and Victoria Dock. Since the establishment of the Trust the river dredgings have amounted to 29,402,988, and the Bay dredgings to 20,542,624 cubic yards, making a total of 49,945,612 cubic yards. Of the dredgings 36,589,972 cubic yards were deposited in deep water and 13,355,640 cubic yards were landed and deposited for reclamation work. The average cost of dredging, towing, and depositing in 1914 was 5.34d. per cubic yard.

**Plant.** The floating plant of the Trust consists of 7 dredgers, 1 steam tug, 9 steam hopper barges, 10 iron dumb hopper barges, 2 steam launches, 4 motor launches, 1 Lobnitz rock-breaker, 4 grab cranes, 3 coal hulks, 2 derrick punts, and diving equipment. In addition to the above, the following vessels are being constructed at the Government Shipbuilding Yards, Williamstown, for the Trust:—a steam launch, 70 feet in length, a steam tug, 130 feet long, and a suction dredger with a hopper capacity of 2,500 tons. Included in the above are one dredger and one steam hopper barge at present on loan to the Geelong Harbor Trust. In addition, the Melbourne Harbor Trust has on hire from the Geelong Harbor Trust one steam tug and two iron towing hopper barges.

Since the inception of the Trust, in the year 1877, the trade of the port has greatly increased. In the year 1878 vessels to the number of 5,060, comprising 164 ships, 414 barques, 96 brigs, 849 schooners, 350 cutters, 458 ketches, 2,084 steamers, and 645 lighters, with a registered tonnage aggregating 1,169,320, berthed within the port, whereas in the year 1914 the total number of vessels was 5,701, comprising 4,464 steamers, 13 ships, 50 barques, 43 barquentines, 364 ketches, 139 schooners, and 628 lighters, with registered tonnage aggregating 6,934,000. The tonnage of imports was 2,976,000, and that of exports 1,316,000.

The trade of the port for the past four years was as follows:—

	Imports.		Exports.		Net Registered Tonnage.
	Oversea.	Inter-State.	Oversea.	Inter-State.	
	tons.	tons.	tons.	tons.	
1911 .. ..	1,327,000	1,436,000	880,000	637,000	6,077,000
1912 .. ..	1,445,000	1,511,000	657,000	607,000	6,343,000
1913 .. ..	1,620,000	1,305,000	665,000	705,000	7,004,000
1914 .. ..	1,313,000	1,663,000	576,000	740,000	6,934,000

The abnormal conditions arising out of the war are responsible for the decrease of vessels' tonnage in 1914.

Of the trade in 1914, 88 per cent. of imports and 68 per cent. of exports were dealt with in the river and Victoria Dock, the balance, of course, being handled at the piers in the Bay.

Coal forms a great part of the Inter-State imports, the particulars being as follows:—

#### COAL IMPORTED FROM OTHER STATES.

1911 .. ..	.. ..	.. ..	.. ..	639,758 tons
1912 .. ..	.. ..	.. ..	.. ..	801,074 ,,
1913 .. ..	.. ..	.. ..	.. ..	831,219 ,,
1914 .. ..	.. ..	.. ..	.. ..	906,962 ,,

**Port Improvement.** A new railway pier at Port Melbourne has been completed, its length being 1,902 feet, and its width 186 feet.

The total cost of the pier alone is £157,945, and the cost including dredging to the end of 1914 is £224,730. Dredging is being carried to 37 feet, to provide for four berths for vessels drawing 35 feet. Two shelter sheds are being provided, to enable the passengers to board and disembark from vessels clear of the railway traffic. One of the shelter sheds has been completed, at a cost of £7,752 19s. 9d., and a contract has been entered into for the erection of the other.

The first contract in connexion with the construction of the new central pier at the Victoria Dock has been let for £102,784 13s. 5d. This pier is to be 1,631 feet in length by 250 feet in width.

Other improvements proposed for the near future include the widening of the river by 100 feet on the south side between the swinging basin and Coode Canal, lengthening and widening the middle swinging basin by increasing its size from 550 feet by 800 feet to 700 feet by 1,000 feet, the re-alignment of the Australian Wharf, provision for greater facilities for the timber trade, a re-arrangement of the berths at Yarra-ville, the provision of machinery for the handling of cargo, and the lighting of the port throughout by electricity. Timber is being accumulated for the carrying out of these works, and contracts have been let for the supply of over £60,000 worth of timber, which will form an addition to large quantities already in hand.

The expenditure for the year 1914 was £421,729, as compared with £168,723 in 1910, £205,664 in 1911, £366,954 in 1912, and £439,191 in 1913.

With a view to preventing pillage on the wharves, the Trust is paying for a police patrol of 21 men, and this, together with the cost of providing wharfingers and shedmen, costs £5,705 per annum. During the year 1914 prosecutions for pillaging goods were instituted in 23 cases, and 21 convictions were obtained. Fines ranging up to £10 were inflicted, this maximum amount being imposed in two cases where there had been interference with goods subject to Customs control. Rewards amounting to £115 were paid during the year for the apprehension of offenders.

The police patrol has proved effective, the powers of the police and their sources of information having been of assistance in obtaining convictions.

PARTICULARS OF BERTHAGE ACCOMMODATION AND DEPTH OF WATER  
AT THE WHARVES AND PIERS WITHIN THE PORT OF MELBOURNE.

Name.	Berthing Space, in Feet.	Depth, in Feet, O.L.W.
Breakwater Pier, Williamstown .. .. .	920	28 to 30
Railway Pier, Williamstown (old) .. .. .	2,190	28 to 30
Railway Pier, Williamstown (new) .. .. .	1,250	27 to 29
Graving Dock Pier, Williamstown .. .. .	440	25 to 28
Reid-street Pier, Williamstown .. .. .	1,000	19 to 24
Ann-street Pier, Williamstown .. .. .	800	17 to 22
Gem Pier, Williamstown .. .. .	500	8 to 10
New Railway Pier, Port Melbourne .. .. .	2,600	30
Railway Pier, Port Melbourne .. .. .	3,000	28 to 30
Town Pier, Port Melbourne .. .. .	2,860	26 to 28
Footscray Wharf (river) .. .. .	700	13 to 14
Queen's Wharf (river) .. .. .	1,800	17 to 24
Princes' Wharf (river) .. .. .	2,050	17 to 24
Australian Wharf (river) .. .. .	7,620	24 to 26
South Wharf (river) .. .. .	7,750	23 to 25
Victoria Dock (river) .. .. .	8,800	24 to 26
	44,280	

NOTE.—For rise of spring tides throughout harbor, 2 ft. 8 in. to be added to all depths; for rise of neap tides, 2 feet to be added.

## CRANES, ETC.

At the various piers and wharves are the following:—

One steam crane, to lift 75 tons.

One hydraulic crane, to lift 35 tons.

One hydraulic crane, to lift 15 tons.

Seven hand cranes, to lift from 1 to 10 tons.

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, 1913.†

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 ..	2,406,647	3,721,619	6,128,266	*	*	*
Sydney ..	3,262,488	5,756,297	9,018,785	*	*	*
Cardiff ..	7,142,148	4,985,899	12,128,047	10,182,238	2,207,472	12,389,710
Liverpool (including Birkenhead) ..	7,829,323	3,520,933	11,350,256	7,518,210	4,238,120	11,756,330
London ..	11,558,541	6,362,915	17,921,456	9,022,020	8,588,303	17,610,323
Newcastle, and North and South Shields ..	6,882,459	4,482,772	11,365,231	8,280,432	3,448,415	11,728,847
Southampton ..	6,056,201	1,568,080	7,624,281	5,741,772	1,577,565	7,319,337
Colombo ..	7,713,987	*	*	7,657,597	*	*
Singapore ..	8,636,467	*	*	8,618,486	*	*
Victoria (Hong Kong) ..	11,483,063	*	*	11,455,470	*	*
<i>Foreign.</i>						
Antwerp† ..	13,686,297	*	*	13,665,346	*	*
Hamburg ..	12,346,600	*	*	12,594,733	*	*
Marseilles ..	7,986,609	*	*	8,076,767	*	*
Rotterdam ..	11,559,443	*	*	11,539,469	*	*
New York ..	13,673,765	*	*	13,549,138	*	*
Rio de Janeiro ..	6,387,400	*	*	6,324,341	*	*
Monte Video ..	8,598,326	*	*	8,593,013	*	*

\* Not available.

† The information for foreign ports relates to the year 1912.

‡ 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.

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.	Breadth at Entrance	Height of Sill above Bottom of Dock.	Depth on Sill at High Water. Ordinary Spring Tides.
		Length on Bottom.			
		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 0 520 0	{ 37 0 70 0	0 6	12 6
Melbourne	V. Graving Dock ..	{ 510 0 430 0 420 0	{ (top) 60 0 (bottom) 64 0 (top) 52 0 (bottom)	{ 4 0 4 0	{ 23 6 23 6
"	" 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, 1914-15.

Where situated.	Description.	Nature.	Power in Lighthouse. (Units of 1,000 Candles.)			Colour.	Distance Visible.	Persons employed	Ordinary Expenditure during the Financial Year 1914-15.	Capital Cost.
			White.	Red.	Green.					
Cape Nelson	Dioptric	Fixed	4½	3½	..	White*	Miles.	£	£	
Auxiliary	..	..	..	..	..	Red	22	591	16,178	
Portland	Dioptric	"	..	..	..	Green	3	349	2,573	
Port Fairy	"	Fixed and Flashing	..	1½ fl.	..	Red	12	364	3,857	
Warrnambool (upper light)	"	Fixed	1	..	..	White	9	350	7,917	
(lower light)	"	..	..	..	..	Red	14	350	7,917	
Cape Otway	"	Group Flashing	24	..	..	White	5	852	10,367	
Auxiliary	"	Fixed	..	..	..	Red	24	852	10,367	
Split Point	Dioptric	"	7½	5½	..	Red†	4 to 8	608	11,838	
Auxiliary	"	"	..	..	..	White	20	608	11,838	
Port Phillip—	..	..	..	..	..	White	3	..	..	
Point Lonsdale	Dioptric	Occluding	22	13	..	White and Red	17	579	4,113	
Queenscliff (high)	Catadioptric	Fixed	2½	..	..	White	17	579	4,113	
" (low)	Dioptric	"	2	½	..	Red and White	10 & 14	1,493	19,071	
West Channel Pile Light	"	"	2	1	..	"	11	601	9,456	
South Channel (Eastern Light)	"	"	2½	2½	..	"	11	601	9,456	
" (pile unattended)	"	"	½	1/6	..	"	15	601	9,456	
Schnapper Point	"	"	½	..	..	"	10	601	9,456	
Gellibrand Point (Pile Light)	"	Occluding	2½	1½	..	White	10	48	..	
Cape Schanck	Catadioptric	Fixed and Flashing	4½ fl.	..	..	Red and White	12	671	5,005	
Auxiliary	"	Fixed	48½ fl.	..	..	White	23	623	19,278	
Cape Liptrap (unattended)	Dioptric	Group Flashing	..	..	..	Red	3	†	3,095	
Citadel Island (unattended)	"	Flashing	..	..	..	White	23	†	3,479	
Wilson's Promontory	"	Flashing (Group)	180	..	..	"	15	†	24,433	
Cliffy Island	"	Flashing	4½	..	..	"	27	948	24,433	
Cape Everard	Dioptric	Group Flashing	30	12	..	White*	18	578	13,225	
Gabo Island	Catadioptric	Fixed	30	7	..	White	21	615	21,785	
						White	20	1,167	22,651	
						Total	..	..	198,301	

\* 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.

‡ Under the control of the Commonwealth Lighthouse Service; figures not available.

Lighthouses.

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

## LIGHTHOUSES AND LIGHTS.

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) ... ..	$\frac{1}{2}$ d. per 2 ounces
Books printed in Australia ... ..	$\frac{1}{2}$ d. per 8 ounces
Books printed outside Australia ... ..	$\frac{1}{2}$ d. per 4 ounces
Magazines printed and published in Australia ... each	$\frac{1}{2}$ d. per 8 ounces
Magazines printed and published outside Australia ... each	$\frac{1}{2}$ d. per 4 ounces
Commercial papers, patterns, samples, and merchandise as prescribed ... ..	1d. per 2 ounces
Newspapers printed and published in Australia ... ..	$\frac{1}{2}$ d. per 10 ounces
Newspapers printed and published outside Australia ... ..	$\frac{1}{2}$ d. 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. Deferred cablegrams are only transmitted after non-urgent private cablegrams and press cablegrams. In January, 1913, the Pacific Cable Board instituted a tariff for week-end cable letters available between Australia and the United Kingdom. The rate is 9d. per word, with a minimum charge of 15s., plus inland telegraph charges when incurred. Week-end messages may be lodged up to midnight on Saturday, and are deliverable on Tuesday morning, or if practicable on Monday.

**Postal returns.** The post-offices in the State on 31st December, 1914, numbered 1,816, and in addition there were 871 receiving offices (principally loose-bags), 12 travelling offices, and 1,641 letter boxes. The postal and telegraphic staff numbered 5,039 persons, and there were in addition 4,572 non-official post masters, mail contractors, and casual employes employed part time only in the service. The postal routes in 1914 covered a distance of 15,219 miles, of which 3,673 were by railway, the distance traversed being 8,839,465 miles, including 4,402,463 railway miles. In the following table is shown the business done by the Postal Department in each of the last five years:—

POSTAL RETURNS, 1910 TO 1914.

	1910.	1911.	1912.	1913.	1914.
Posted and Received—					
Letters and Post-cards ... ..	143,483,191	159,092,001	175,588,805	189,975,987	188,440,698
Newspapers ... ..	} 530,58,881	36,125,728	37,826,929	40,950,516	40,737,663
Packets ... ..		20,951,712	20,631,887	18,292,538	16,464,556
Parcels ... ..	682,104	720,245	764,821	893,934	961,755
Total ... ..	197,224,176	216,889,686	234,812,442	250,112,975	246,604,672

Registered letters and articles are included in this statement, and numbered 1,396,850 in 1914. The total number of letters, newspapers, packets, and parcels passing through the post-office in 1914 showed a decline of 1·4 per cent. from the number for 1913, though it was slightly above the average for the preceding five-year period. A clear idea of the magnitude of the postal matter dealt with will be obtained when it is stated that in 1914 the letters posted and received represented 132 and the newspapers, packets, and parcels, 41 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: 1910 TO 1914.

Service.	1910.	1911.	1912.	1913.	1914.
LETTERS AND POSTCARDS.					
Posted for delivery inland .. ..	115,297,888	121,073,121	129,610,388	135,963,724	139,043,933
"    "    in other States ..	9,862,272	13,636,148	15,177,996	15,201,166	16,234,172
"    "    outside the States	3,492,222	5,179,176	6,780,247	7,687,753	6,760,903
Total .. ..	128,652,382	139,893,445	151,568,631	158,852,648	162,039,008
Received from other States .. ..	10,166,441	13,248,800	15,220,243	16,977,659	16,220,068
"    "    outside the States	4,664,368	5,949,756	8,799,931	14,145,680	10,181,622
Total .. ..	14,830,809	19,198,556	24,020,174	31,123,339	26,401,690
NEWSPAPERS.					
Posted for delivery inland .. ..	12,881,083	12,658,570	10,894,399	14,960,478	13,526,750
"    "    in other States ..	11,036,628	11,926,548	13,934,818	14,548,365	15,962,880
"    "    outside the States	2,556,198	3,200,478	3,153,631	3,332,069	2,793,660
Total .. ..	26,473,909	27,785,596	27,982,848	32,860,912	32,283,290
Received from other States .. ..	3,477,307	3,984,990	4,748,731	4,762,405	5,212,038
"    "    outside the States	5,097,664*	4,355,142	5,095,250	3,327,199	3,242,335
Total .. ..	..	8,340,132	9,844,081	8,089,604	8,454,373
PACKETS.					
Posted for delivery inland .. ..	12,214,311	13,577,951	13,084,847	11,725,748	9,783,256
"    "    in other States ..	2,848,163	2,659,704	2,577,753	3,095,332	4,051,319
"    "    outside the States	1,194,054	1,213,746	1,400,431	1,149,648	750,184
Total .. ..	16,256,533	17,451,401	17,063,031	15,970,728	14,584,759
Received from other States .. ..	1,753,468	2,048,596	1,870,407	1,511,567	1,232,022
"    "    outside the States	↑	1,461,715	1,698,449	810,243	647,775
Total .. ..	..	3,500,311	3,568,856	2,321,810	1,879,797
PARCELS.					
Posted for delivery inland .. ..	399,173	410,290	421,342	508,652	577,585
"    "    in other States ..	156,501	169,352	184,457	213,047	210,404
"    "    outside the States	19,367	18,784	21,248	23,573	17,658
Total .. ..	575,041	598,426	627,047	745,272	805,647
Received from other States .. ..	74,609	82,678	90,678	96,985	107,327
"    "    outside the States	32,454	39,141	47,096	51,677	48,781
Total .. ..	107,063	121,819	137,774	148,662	156,108

\* 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 1914 numbered 711,015, of which 40,708 were irregularly posted. These letters contained money amounting to £15,505, as well as other articles of value, and were disposed of as follows :—Returned to writers, 510,014 ; destroyed, 121,000 ; returned to other States or countries as unclaimed, 80,001. There were also 914,718 undelivered packets and newspapers, of which 168,266 were returned to the senders, 725,417 were destroyed, and 21,035 were returned to other States and countries.

**Money orders and postal notes.** There are 544 money order offices in the State, which in 1914, issued 381,671 orders for £1,714,513. Of these 252,069 for £1,315,170 were inland, 44,637 for £211,274 inter-state, and 84,965 for £188,069 international orders. The orders paid in the same year numbered 405,841, and were for an aggregate amount of £1,928,550, the inland being 254,333 for £1,319,912, the inter-state 108,341 for £484,922, and the international 43,167 for £123,716. Inland postal notes paid totalled 2,296,098 for £849,888, Victorian notes paid in other States 672,747 for £225,836, and the notes of other States paid in Victoria 409,486 for £171,414. The following is a comparative statement of the business done since 1909 :—

#### MONEY ORDERS AND POSTAL NOTES, 1910 TO 1914.

—	1910.	1911.	1912.	1913.	1914.
<b>Money Orders Issued—</b>					
Number ... ..	262,925	279,622	316,538	376,961	381,671
Amount ... .. £	1,101,609	1,139,505	1,261,829	1,673,878	1,714,513
<b>Money Orders Paid—</b>					
Number ... ..	332,522	338,384	355,540	408,988	405,841
Amount ... .. £	1,418,857	1,437,537	1,506,658	1,922,665	1,928,550
<b>Postal Notes—</b>					
Victorian—Paid in Victoria	£ 739,754	770,740	811,606	849,013	849,888
Victorian—Paid in Other States	£ 138,674	164,301	181,540	215,334	225,836
Of Other States—Paid in Victoria	£ 151,737	160,462	168,771	177,967	171,414

The value of money orders issued has increased year by year, the issues of 1914 exceeding those of 1913 by £40,635, and those of 1910 by £612,904. Of orders paid those of 1914 exceed those of 1913 by £5,835, and those of 1910 by £509,693.

The business in postal notes has increased considerably, the amount of Victorian notes paid within the State during 1914 having been £110,134 in excess of the amount paid in 1910. The business with the other States exhibited great improvement during the period embraced in the table, Victorian notes paid in other States during 1914 showing an increase of £87,162 over 1910, and notes of other States paid in Victoria an increase of £19,677 for the same period.

**Telegraphs and telegrams.**

There are 1,748 telegraph offices in the State, 456 of which are attached to the railway service. Of the mileage of line and wire, 4,507 miles of line carrying 20,507 miles of wire are controlled by the Postal Department, and 3,491 miles of line carrying 5,639 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, 1910 TO 1914.**

	1910.	1911.	1912.	1913.	1914.
Number of Offices ...	1,374	1,455	1,538	1,648	1,748
Miles open—					
Line (poles) ...	7,182	7,273	7,455	7,628	7,998
Wire ...	16,405	17,403	18,649	19,403	26,146
Telegrams despatched—					
Inland ...	1,943,019	2,017,997	1,994,436	1,969,752	2,217,361
Inter-State ...	733,051	790,403	882,051	902,969	948,497
International ...	81,667	86,264	92,750	98,320	101,337
Total ...	2,757,737	2,894,664	2,969,237	2,971,041	3,267,195
Telegrams received—					
Inter-State ...	842,104	923,911	950,015	1,006,618	1,009,362
International ...	79,730	84,129	89,709	92,456	95,489
Total ...	921,834	1,008,040	1,039,724	1,099,074	1,104,851

The total telegrams despatched show a gradual improvement annually in the five-year period, the number for 1914 exceeding that for the previous year by 296,154. Compared with 1910 the telegrams despatched in 1914 showed an increase of 509,458, of which 274,342 were inland, 215,446 inter-state, and 19,670 international. Telegrams received from outside the State have increased by 183,017 since 1910. In 1914 the value of inland telegrams was £88,058, of inter-state despatched £78,876, of inter-state received £76,364, of international despatched £138,573, and of international received £120,779.

**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, 1910 TO 1914.

	1910.	1911.	1912.	1913.	1914.
Miles Open—					
Lines (Poles and under-ground)					
Cables ... ..	1,820	2,071	2,467	2,902	3,097
Wire ... ..	85,725	118,521	153,400	189,193	208,444
Subscribers ... ..	20,236	22,859	26,562	30,640	34,071
Telephones ... ..	26,627	30,817	35,541	39,968	44,505
Private Lines ... ..	471	525	530	548	562

The length of wire has increased by 143 per cent., and the number of subscribers by 68 per cent., since 1910. The subscribers given in the table are direct connexions, the actual number of telephones in use having been 44,505 in 1914. This number represents an increase of 11½ per cent. as compared with 1913, and of 67 per cent. as compared with 1910.

The revenue of the Post and Telegraph Department amounted to £1,220,681 in 1914-15, the items being postage £661,662, commission on money orders and postal notes £31,162, telegrams, cablegrams, &c., £180,267, telephones, &c., £314,020, and various, £33,570. 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 1914 was 144,134,879, and the value thereof £781,302. The ordinary expenditure of the Department amounted to £1,206,202 in 1914-15, whilst capital expenditure on buildings, furniture, &c., telegraph lines, and telephone exchanges amounted to £323,084. The items of ordinary expenditure were:—Salaries, &c., £807,313; inland mail services, £157,291; British and foreign mail services, £26,234; cable subsidies, &c., £754; maintenance of buildings, &c., £81,822; and miscellaneous, £132,788. 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, 1911 TO 1914-15.

	1911.	1912.	1913.	Year ended 30th June.	
				1914.	1915.
	£	£	£	£	£
Revenue ... ..	1,005,027	1,068,516	1,172,639	1,191,206	1,220,681
Value of unpaid Services	5,761	5,761	210	210	210
Revenue Earned ... ..	1,010,788	1,074,277	1,172,849	1,191,416	1,220,891
Expenditure (ordinary)...	935,821	1,009,851	1,157,841	1,140,823	1,206,202
Surplus ... ..	74,967	64,426	15,008	50,593	14,689
Capital Expenditure ...	315,728	501,740	324,329	397,793	323,084

## RAILWAYS.

Victorian  
Railways,  
length and  
cost.

All railways in Victoria available for general traffic are, with the two exceptions referred to on page 642, 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 sanctioned the electrification of the Melbourne Suburban Railways, and it was expected that the conversion would be completed in 1917; but the abnormal conditions created by the war have checked the progress of necessary alterations, and it cannot now be stated when the electric traction will be introduced. 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, 1911, TO 30TH JUNE, 1915.

	1911.	1912.	1913.	1914.	1915.
Length of Lines on 30th June—					
Double Lines (miles)	321·03	321·03	325·71	325·71	325·71
Single Lines (miles)	3,255·42	3,354·42	3,374·69	3,562·26	3,602·47
Total ...	3,576·45	3,675·45	3,700·40	3,887·97	3,928·18
Cost of Construction	£ 33,784,264	£ 34,258,950	£ 34,732,556	£ 35,792,561	£ 36,411,149
Average Cost per mile	9,446	9,321	9,386	9,206	9,269

In addition to the lines embraced in this table, the following were in course of construction on 30th June, 1915:—

	Miles.
5-ft. 3-in. Gauge.	
Bairnsdale to Orbest ...	60
Heywood to Mumbannar ...	39½
Tallangatta to Cudgewa ...	42½
Elmore to Cohuna ...	57½
Hamilton to Cavendish ...	15¾
Linton to Skipton ...	12¾
Cavendish to Toolondo ...	44
Neerim South to Toorongo River ...	14
Lorquon to Yanac-a-Yanac ...	18½
	<u>304½</u>

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

	Miles.
5-ft. 3-in. Gauge.	
Part of Woomelang to Mildura and Yelta ...	9¾
Koo-wee-rup to McDonald's Track ...	30¾
Alberton to Won-Wron ...	12½
4-ft. 8½-in. Gauge.	
Sandringham to Black Rock ...	2¾
	<u>55½</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, 1911 TO 1915.

30th June.	£
1911 ... ..	44,021,212
1912 ... ..	45,603,114
1913 ... ..	47,076,911
1914 ... ..	49,311,907
1915 ... ..	51,620,187

The cost given is the actual cost of construction, exclusive of expenses of floating loans, &c. Of the capital expended to 30th June, 1915, £3,897,741 was derived from the general revenue, and the balance (£47,722,446) from loans. The latter liability is represented by debentures and stock outstanding to the nominal amount of £49,294,220, on which the annual interest payable is £1,799,239, or at the average rate of 3·65 per cent. The nominal amount of loans, however, was reduced by £1,571,774—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, 1915, was 3·65 per cent., the real interest on the net proceeds available for railway construction was 3·77 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 £400,885.

Railway  
traffic.

The mileage and the traffic of the railways since 30th June, 1910, are given in the following table :—

### RAILWAYS—MILEAGE AND TRAFFIC, 1910-11 TO 1914-15.

	Year ended 30th June.				
	1911.	1912.	1913.	1914.	1915.
Miles Constructed ...	3,576·45	3,675·45	3,700·40	3,887·97	3,928·18
„ 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	3,528·49	3,627·49	3,652·44	3,840·01	3,880·22
Train Mileage ...	13,319,572	14,203,681	14,648,489	15,570,098	15,880,677
Passengers carried ...	95,206,713	105,909,650	113,430,526	119,002,397	119,978,898
Goods and Live Stock Carried (Tons) ...	4,967,627	5,297,685	5,150,404	5,816,088	5,410,045

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, 1915, was 4,217·36 miles of main tracks, and 743·58 miles of sidings.

The passenger traffic of 1914-15 was the heaviest experienced by the Railway Department, passenger journeys exceeding those of the second heaviest year—1913-14—by 976,501, and those of 1912-13, the

next in volume, by 6,548,372. Of the passenger journeys in 1914-15, 111,440,153 were made by metropolitan-suburban, and 8,538,745 by country passengers, the former being an increase of 1,354,227, and the latter a decrease of 377,726, as compared with the corresponding journeys for the previous year. The tonnage of goods and live stock carried in 1914-15 was less than that for 1913-14 by 406,043, but exceeded that for 1911-12, which now stands third in importance, by 112,360. The items of goods carried in 1914-15 showing greatest tonnage were:— Stone, gravel, and sand, 855,834 tons; hay, straw, and chaff, 474,013 tons; firewood, 451,556 tons; minerals (including coal, coke, ores, &c.), 382,233 tons; and timber, 240,180 tons. Live stock carried in the same year had an aggregate weight of 715,521 tons, and comprised 113,759 horses, 552,700 cattle, 10,438,319 sheep, and 262,955 pigs. Comparing 1914-15 with 1910-11, the passenger traffic had increased by 24,772,185 passengers, or 26 per cent., and the goods and live stock carried by 442,418 tons, or 9 per cent., whilst the number of train-miles run had been increased by 2,561,105 miles, or by 19 per cent.

**Railway receipts and expenditure.**

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

#### RAILWAY RECEIPTS AND EXPENDITURE, 1910-11 TO 1914-15.

	Year ended 30th June.				
	1911.	1912.	1913.	1914.	1915.
<b>Receipts—</b>	£	£	£	£	£
Passenger Fares ...	2,076,498	2,322,067	2,445,324	2,541,285	2,481,621
Freight on Goods and Live Stock	2,476,563	2,528,380	2,373,978	2,625,338	2,289,482
Sundries ...	356,001	383,532	402,969	414,851	412,584
<b>Total ...</b>	<b>4,909,062</b>	<b>5,233,979</b>	<b>5,222,271</b>	<b>5,581,474</b>	<b>5,183,687</b>
<b>Working Expenses—</b>	£	£	£	£	£
Way and Works...	804,810	920,071	959,836	939,902	1,200,298
Rolling-stock ...	1,268,264	1,397,020	1,471,346	1,644,180	1,724,358
Transportation ...	770,663	905,805	953,976	1,075,021	1,090,796
* General Charges*	265,586	232,190	219,843	227,245	242,864
<b>Total ...</b>	<b>3,109,323</b>	<b>3,455,086</b>	<b>3,605,001</b>	<b>3,886,348</b>	<b>4,258,316</b>
<b>Net Receipts ...</b>	<b>1,799,739</b>	<b>1,778,893</b>	<b>1,617,270</b>	<b>1,695,126</b>	<b>925,371</b>
<b>Percentage of Expenses to Receipts</b>	<b>63·34</b>	<b>66·01</b>	<b>69·03</b>	<b>69·63</b>	<b>82·15</b>

\* Including pensions and gratuities.

The railway receipts for 1914-15 are the lowest for the last four years, though the passenger fares are exceeded only by those for 1913-14. The receipts for the carriage of goods and live stock fell off considerably last year, and are the lowest since 1909-10. The most conspicuous decrease was in freight for the carriage of wheat, which in 1914-15 was £287,416 less than in the previous year. There has been an increase in working expenses in recent years, chiefly on account of the improved train facilities, the higher cost of materials, &c., and the increased payments and the better conditions which have been provided for the staff. Abnormal expenditure for the purpose of minimizing unemployment and of meeting other adverse conditions occasioned by the drought and the war is included in working expenses and, in 1914-15, amounted to £359,547.

**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, 1910-11 TO 1914-15.**

Year.	Interest, &c.	Net Revenue.
	£	£
1910-11 ... ..	1,516,764*	1,799,739
1911-12 ... ..	1,513,102*	1,778,893
1912-13 ... ..	1,595,020	1,617,270
1913-14 ... ..	1,677,369	1,695,126
1914-15 ... ..	1,767,807	925,371

\* After deduction of interest credited on Railway Surplus, &c., viz., £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 four out of the last five years there were considerable surpluses after payment of working expenses, pensions and gratuities, special expenditure and interest charges and expenses. The surpluses were £282,975 in 1910-11, £265,791 in 1911-12, £22,250 in 1912-13, and £17,757 in 1913-14. The large deficit in 1914-15 is due mainly to the abnormal conditions caused by the drought.

Railway earnings and expenses per mile.

The earnings, expenses, and net profits per mile of railway open for the years ended 30th June, 1911 to 1915, were as follows:—

**RAILWAY RECEIPTS AND EXPENDITURE PER TRAIN MILE, 1910-11 TO 1914-15.**

	1910-11.	1911-12	1912-13.	1913-14.	1914-15.
Average Number of Miles Open for Traffic	3,510	3,548	3,644	3,752	3,853
Gross Earnings per Mile ... ..	£ 1,399	£ 1,475	£ 1,433	£ 1,488	£ 1,345
Expenses per Mile ..	886	974	989	1,036	1,105
Net Profits per Mile	513	501	444	452	240

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, 1915, showed that there were at that time 791 locomotives, 1,496 carriages, 18,268 trucks, and 901 vans and sundry stock, of which 16 locomotives, 34 carriages, 243 trucks, and 5 luggage vans were narrow-gauge stock. The electric railway stock comprised 27 combined cars and trailers. During the year 1914-15, the following new stock (built at the Newport workshops, with the exception of 11 locomotives and 200 trucks) was put into service:—62 locomotives, 41 carriages, 925 trucks, and 53 vans and sundry stock. The capital cost of the broad-gauge stock was £10,176,289, of the narrow-gauge £101,011, and of the electric railway stock £26,623.

**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 Employés	Amount of Salaries and Wages Paid.
1910-11 ... ..	19,927	£ 2,366,873
1911-12 .. ...	22,504	2,832,398
1912-13 ... ..	23,808	3,098,657
1913-14 ... ..	24,860	3,430,102
1914-15 ... ..	27,030	3,760,379

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



## AMOUNTS PAID IN DAMAGES, CLAIMS, ETC., AND PERSONS KILLED OR INJURED ON VICTORIAN RAILWAYS: 1905-6 TO 1914-15.

The amounts paid on account of compensation, damages, claims, costs, &c., in each of the last ten years and the number of persons killed or injured in the same years, also the yearly averages for the same period are as follows:—

Year ended 30th June.	Amount Paid on Account of Compensation, Damages, Claims, Costs, &c.	Passengers.				Employés whilst in the execution of their duty.				Employés proceeding to or from duty; Persons at Cross- ings; Trespassers, and Others.		Total.	
		Due to Causes beyond their own Control.		Due wholly or partly to their own Action or Negligence.		Due to Causes beyond their own Control.		Due wholly or partly to their own Action or Negligence.		Killed.	Injured.	Killed.	Injured.
		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.				
1906*	£ 24,060	...	162	5	139	...	43	8	262	35	24	48	630
1907	7,810	...	14	6	165	...	32	8	252	32	35	46	498
1908†	9,509	45	434	2	203	...	29	6	263	26	41	79	970
1909	128,154†	...	9	5	155	...	12	10	232	30	43	45	451
1910	8,528	...	11	2	101	...	7	6	205	13	29	21	353
1911‡	146,135	10	526	8	99	...	31	5	148	26	25	49	829
1912	23,100	...	13	9	117	...	44	23	146	35	42	67	362
1913§	66,694	2	441	5	131	1	15	5	100	23	36	36	723
1914	13,567	...	33	8	199	1	61	11	142	25	38	45	473
1915	14,359	...	40	6	185	2	36	8	104	32	44	48	409
Yearly Average	44,192	5·7	168·3	5·6	149·4	·4	31·0	9·0	185·4	27·7	35·7	48·4	569·8

\* Including Belgrave accident.      † Including Sunshine accident, claims for which were not fully paid on 30th June, 1908.  
‡ Including Richmond accident.      § Including West Melbourne accident.

With regard to payments referred to in the table, it must be pointed out that for the three years ended 30th June, 1908, they only cover cases of passengers where the accidents causing death or injury were "due to causes beyond their own control"; but that for the remaining seven years they include compensation paid on account of injuries sustained by employes whilst on duty, such payments being £2,685 in 1908-9, £4,669 in 1909-10, £7,021 in 1910-11, £9,178 in 1911-12, £4,670 in 1912-13, £5,903 in 1913-14, and £7,008 in 1914-15.

It may be of some interest to examine the probability of accident to passengers. The average annual ratio of those killed or injured, based on the Victorian figures for the last ten years, is compared with the latest available ten years' experience of different countries in the return which follows:—

**AVERAGE ANNUAL NUMBER AND RATIO OF PASSENGERS KILLED OR INJURED ON THE RAILWAYS IN VICTORIA AND OTHER COUNTRIES OVER A PERIOD OF TEN YEARS.**

Country.	Average Annual Number of Passengers in 10 years.		Average per Ten Million Passengers carried.	
	Killed.	Injured.	Killed.	Injured.
Austria ... ..	16·1	369·5	·75	17·15
Belgium ... ..	12·2	459·9	·69	25·91
France ... ..	24·2	393·5	·52	8·46
Germany ... ..	108·8	546·3	·81	4·09
Norway ... ..	1·3	1·5	1·09	1·26
Victoria ... ..	11·1	312·5	1·29	36·24
New South Wales ... ..	4·9	88·0	·96	17·18
Holland (The Netherlands) ... ..	3·7	19·9	·88	4·72
Switzerland ... ..	13·0	87·5	1·33	8·98
Sweden ... ..	8·6	13·9	1·81	2·92
Japan ... ..	22·7	296·3	1·67	21·83
Hungary ... ..	24·8	122·1	2·19	10·76
United States ... ..	391·9	9,857·5	4·99	125·46
Spain ... ..	19·6	92·4	4·62	21·77
Canada (Steam Railways) ... ..	38·9	342·8	11·57	101·98
Russia in Europe ... ..	165·5	867·8	12·28	64·38

**Municipal railway.** A railway between Kerang and Koondrook, and owned and worked by the municipality of the Shire of Kerang is open for general traffic. This railway is 13 miles 73 chains in length and, up to the end of 1914, cost £39,229 for construction and equipment. For the year 1914 the gross receipts were £4,504, the working expenses were £2,817, and the amount paid in interest and towards redemption was £1,805. The train mileage for the same year was 20,384.

**Private railway.** Another railway in Victoria not belonging to the State system is one of 3-ft. gauge and 10½ miles in length between Yarra Junction and Powelltown. It was constructed principally for private use but, in addition to serving its immediate purpose, does general passenger and goods traffic.

A statement of freights on and after 1st October, 1915, in respect of commodities affecting rural producers has been supplied by the General Passenger and Freight Agent of the Victorian Railways, and is appended herewith:—

## 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 9	10 3	11 6	12 6	13 4	14 2
Dairy Produce, consisting of Butter, Milk, Cream, Cheese, Hams and Bacon (minimum, 1 ton) and Eggs†	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†	18 3	35 9	53 3	66 3	79 6	88 3	97 0
Fencing Wire, in truck loads of 6 tons	11 9	22 3	32 9	40 6	48 3	52 0	56 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	40 6	78 0	91 6	120 0	149 6	178 6	208 0

\* Agricultural Produce includes Wheat, Oats, Barley, Maize, Beet, Hay, Straw, Flour, Bran, Pollard, Potatoes, Sharps and Malt, also Wine, Fruit, Jams, Jellies, Sauces, and Pickles, if produced in the Commonwealth and 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	8 0	5 4	13 2	8 10	10 8	7 0
100	15 10	10 6	26 4	17 6	21 4	14 6
150	23 8	15 10	39 6	26 4	32 0	21 4
200	31 6	21 0	52 6	35 0	42 4	28 4
250	39 6	26 4	65 8	43 10	53 2	35 4
300	46 10	31 2	77 10	52 0	63 8	42 4
350	54 0	36 0	89 10	60 0	74 2	49 8

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., 1915.

Butter	...	...	(Per P. and O. steamers), 2s. 6d. † per box
			" Orient " 2s. 4d. "
			" Other " 2s. 9d. † "
Cheese	...	...	¾d. † per lb. (subject to variation in freight)
Lamb	...	...	13d. † "
Mutton	...	...	12d. † "
Beef	...	...	11d. † "
Veal	...	...	10d. † "
Ham and Bacon	...	...	9d. † "
Rabbits	...	...	65s. † per ton
Fruit	...	...	{ 60s. " per Orient steamers
			{ 65s. † " other "
Wool—	...	...	
Greasy	...	...	1½d. † per lb. to London
Scoured	...	...	1¼d. † " " "
All case Goods	...	...	{ (Ordinary cargo) 70s. † per ton per mail steamers
			{ " 65s. † " other "

\* During 1915 there was for "War risk" an addition of 20 per cent. on the rates shown.

† Exclusive of primage, 5 per cent.

‡ Exclusive of primage, 7½ per cent.

#### TRAMWAYS.

The various tramway systems in the State comprise—  
**Victorian tramways.** 45·925 miles of cable lines, double track; 57·0125 miles of electric lines, of which 25·293 miles are double, and 31·7195 miles single track; 11·185 miles of horse-lines, of which 4·685 miles are double and 6·5 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 13·85 miles of electric lines; Bendigo, with 8·1125 miles of electric lines; Geelong, with 4·9 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 1914-15.

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	602,346	1,171	2,592
1913-14	16,030,684	120,240,993	984,695	661,873	1,217	2,721
1914-15	15,942,806	116,470,706	950,011	607,761	1,217	2,709

\* 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. On 1st July, 1914, £1,200,000 of the Trust's debentures fell due and were redeemed, leaving a balance of £450,000 maturing on 1st July, 1916. The sinking fund at 31st December, 1914 amounted to £425,000.

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, 1905-6 TO 1914-15.

Year ended 30th June.	Tram Mileage.	Passengers Carried.	Traffic Receipts.
			£
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
1915 ... ..	11,977,920	88,060,123	735,645

The transfer of the Kew Horse Line to the local Council was effected on 2nd November, 1914, and the length of lines open on 30th June, 1915, comprised 43·675 miles of double track cable tramways, and 2·685 miles of double track horse tramways. The traffic of each of the nine years ended in 1914 eclipsed that of any former year, but owing to the effects of the drought and the war the figures for 1914-15 show a reduction of 78,590 in tram mileage, 3,378,654 in passengers carried, and £30,781 in traffic receipts, as compared with the previous year.

In addition to the lines of the Melbourne Tramway and Omnibus Company, there are within or on the fringe of the metropolitan area 30·150 miles of electric tramways (21·308 miles being double track and 8·842 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 23·033 miles in length, and have cost £473,516 to construct and equip. The remaining metropolitan tramways and their mileage are the North Melbourne-Essendon electric lines, 7·117 miles; the Northcote-Preston cable line, 2¼ miles; the Sandringham-Beaumaris horse line, 7 miles, and the Coburg horse line, 1½ miles. The traffic particulars of these lines are as follows :—

## 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
1913-14 ... ..	40·900	2,644,574	21,841,246	151,806

**Country tramways.** In 1915 there were in country towns 26·8625 miles of electric tramways and 1 mile of steam tramway, of which the traffic particulars for the last five financial years are given below :—

## TRAMWAYS IN COUNTRY TOWNS.

Financial Year.	Miles of Track.	Tram Mileage.	Passengers Carried.	Traffic Receipts.
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
1913-14 ... ..	27·8625	1,329,600	6,960,970	66,463
1914-15 ... ..	27·8625	1,320,312	6,569,337	62,560

## 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, 1910 TO 1914.

	1910.	1911.	1912.	1913.	1914.
<i>For Passenger Traffic.</i>					
Cabs (4 wheel) ... ..	528	527	527	517	537
" (Hansoms) ... ..	238	235	251	237	231
Omnibuses ... ..	40	28	11	9	18
Tram Cars ... ..	428	429	432	432	432
" Dummies ... ..	360	359	389	389	389
Motor Cars ... ..	...	3	17	25	57
" Omnibuses ... ..	...	4	12	43	63
Total ... ..	1,594	1,585	1,639	1,652	1,727
<i>For Conveyance of Goods.</i>					
Drivers licensed ... ..	1,732	1,912	2,643	2,534	2,522

**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, 1914, the number of motor cars registered was 7,977, and the number of motor cycles 6,282. No person may drive a motor car or motor cycle upon any public highway without having been licensed for that purpose. On 31st December, 1914, the number of drivers of motor cars and motor cycles licensed by the Chief Commissioner was 16,864.