

INTERCHANGE.**COMMERCE.**

Customs and Excise. By the Commonwealth of Australia Constitution Act (section 51) the power to make laws with respect to trade and commerce with other countries and among the States was conferred on the Federal Parliament, and by the same Act (section 86) the collection and control of duties of Customs and Excise passed to the Executive Government of the Commonwealth on 1st January, 1901. The first Commonwealth Customs Tariff was assented to on 16th September, 1902, and was made retrospective to 8th October, 1901. Uniform rates of duty were imposed in all the States, and all restrictions on trade between the States were removed with the exception of the right of Western Australia, under the Commonwealth Constitution Act, to levy duties 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. Amendments of some rates of duty were provided for by Customs Tariffs Acts passed in 1910, 1911, 1917, and 1919.

A new Tariff which contains an intermediate scale of duties became operative as from 25th March, 1920, but it is subject to revision as it is still under consideration by Parliament.

From the 1st July, 1914, the Trade Year, which was formerly the Calendar Year, was altered to coincide with the Fiscal Year (July to June).

The total values and the values per head of population of imports from and exports to oversea countries for the ten and a half years 1910 to 1919-20 are set forth hereunder:—

VALUE OF OVERSEA IMPORTS AND EXPORTS,
1910 TO 1919-20.

Year.	Merchandise.	Specie and Bullion.*	Total.	Per Head of Population.
IMPORTS (OVERSEA).				
	£	£	£	£ s. d.
1910	19,426,140	576,466	20,002,606	15 11 11
1911	21,156,184	694,779	21,850,963	16 11 0
1912	24,623,646	457,428	25,081,074	18 9 10
1913	23,940,233	446,840	24,387,073	17 10 1
1914 (first six months) ..	12,518,720	200,074	12,718,794	8 19 5
1914-15	20,657,539	392,771	21,050,310	14 14 3
1915-16	26,485,281	276,641	26,761,922	18 17 2
1916-17	24,427,527	47,312	25,474,839	18 4 3
1917-18	20,669,696	443,892	21,113,588	14 19 3
1918-19	35,026,311	..	35,026,311	24 9 7
1919-20†	33,785,747	2,440	33,788,187	22 11 9
EXPORTS (OVERSEA).				
	£	£	£	£ s. d.
1910	17,499,752	688,484	18,188,236	14 3 8
1911	17,729,275	1,186,441	18,915,716	14 6 6
1912	15,887,767	3,225,354	19,113,121	14 1 10
1913	17,168,918	668,673	17,837,591	12 16 1
1914 (first six months) ..	8,889,560	105,138	8,994,698	6 6 10
1914-15	11,883,465	466,197	12,349,662	8 12 8
1915-16	14,418,652	330,078	14,748,730	10 7 10
1916-17	19,024,830	5,316	19,030,146	13 12 1
1917-18	18,715,252	2,001,436	20,716,688	14 13 8
1918-19	27,823,980	271,179	28,095,159	19 12 9
1919-20†	42,115,916	880,736	42,996,652	28 14 10

* Includes gold, silver, and bronze specie, and gold and silver bullion.

† The figures for this year are subject to slight revision.

The figures for the latest year indicate that there was a remarkable expansion of trade in that year. The aggregate trade of the year 1920 (£76,784,839) represents a decrease in imports of £1,238,124, but an increase in exports of £14,901,493 as compared with the totals of the preceding year. The improvement in the exports was due partly

to the higher prices obtained for primary products, but principally to tonnage having been released, which enabled large quantities of accumulated stocks to be transported.

Tables showing the combined oversea and inter-state trade, also the trade between Australian States for the years 1900 and 1909—the latest year for which inter-state records are available—are given in the *Year-Book* for 1916-17, pp. 619 and 636.

The principal articles imported from oversea countries into Victoria during the year ended 30th June, 1920, are shown in the subjoined statement:—

VALUES OF PRINCIPAL ARTICLES IMPORTED FROM OVERSEA COUNTRIES INTO VICTORIA, 1919-20.

Articles.	Value.	Articles.	Value.
	£		£
Acids	70,211	Electrical Articles and Materials	347,709
Ale, Beer, and Porter (spirituous)	28,145	Essences, Bitters, &c.	23,797
Aluminium and manufactures of	22,036	Fancy Goods	146,477
Animals living	16,627	Feathers, Dressed and Undressed	24,734
Apparel and Attire	901,259	Fertilizers	238,338
Arms, Ammunition, and Explosives	329,167	Fibres—	
Rags and Sacks	679,650	Cotton—Raw, Waste	38,774
Bags, Purses, N.E.I., Wallets, Baskets, Boxes, Trunks, &c.	40,382	Flax and Hemp	252,071
Bark (Tanning)	10,009	Jute	39,462
Blacking, etc.	10,349	Kapok	78,100
Boots, Shoes, and Goloshes, &c.	75,296	Oakum and Tow	22,430
Brass—Pipes and tubes, sheet, plate, &c.	13,139	Other	13,014
Brushware	56,290	Fish	237,450
Buttons, Buckles, &c.	68,550	Floor Coverings—	
Calcium	14,766	Carpets and Carpeting	201,182
Caramel, Caramel Paste, &c.	45,700	Linoleums, oilcloths, &c.	98,874
Chemicals, N.E.I.	39,073	Mats	15,720
China, Porcelain and Porcelain Ware	79,106	Fruits—Fresh, Dried, etc.	97,417
Cocoa Beans, Shells, &c., and Cocoa and Chocolate	324,750	Furniture	21,165
Coffee, and Coffee and Chicory	66,847	Furs and other Skins (Dressed)	61,884
Copper—Pipes and tubes, sheet, and plate	45,856	Gelatine and Glue	14,415
Cordage and Twines	185,402	Ginger	18,925
Corks, Bungs, &c.	21,417	Glass, Glasses and Glassware	212,263
Corsets	96,251	Gloves	168,447
Cosies, Cushions, D'Oyleys, &c.	54,480	Grain—	
Cream of Tartar	121,403	Beans and Peas	13,584
Curtains and Blinds	13,699	Maize	30,100
Cutlery	99,535	Rice	214,593
Drugs and Medicinal Preparations	184,840	Other—Prepared and Unprepared	9,437
Dyes	101,590	Grass Straw, &c.—Straw Plait	115,485
Earthenware, Brownware, &c.	69,232	Gums and Resins	140,097
Electrical and Gas Appliances	216,767	Hats, Caps, and Bonnets	89,900
		Hides and Skins	386,670
		Incandescent Mantles	22,106
		Insecticides and Disinfectants, &c.	24,794

VALUES OF PRINCIPAL ARTICLES IMPORTED FROM OVERSEA
COUNTRIES INTO VICTORIA, 1919-20—continued.

Articles.	Value.	Articles.	Value.
	£		£
Instruments—Musical, and parts thereof—		Pickles and Sauces	13,582
Pianos	80,383	Piece Goods—	
Other	42,488	Canvas and Duck	702,531
Instruments—		Cotton and Linen	2,797,942
Surgical and Dental	82,895	Hessians, &c.	143,340
Talking Machines, &c.	39,545	Lace for Attire, &c.	393,715
Other	100,897	Silks	1,203,439
Iron and Steel—		Velvets and Velvetens	102,564
Bar, Rod, Angle, and Tee	128,227	Woollens	1,505,458
Girders, Beams, Joists, &c.	80,764	Other	252,283
Hoop	57,669	Pipes, Smoking	76,448
Plate and Sheet	815,744	Potassium	13,724
Other	21,046	Quilts, Counterpanes, &c.	63,402
Jewellery and Imitation Jewellery, &c.	334,408	Roofing—Asphalt or Composition	10,502
Lamps and Lampware	46,180	Rubber—	
Leaf and Foll of any Metal	27,428	Crude, etc.	138,158
Leather, etc.	378,410	Manufactures of	100,507
Liquorice	19,568	Tyres and Tubes	207,193
Machines and Machinery—		Sago and Tapioca	43,502
Agricultural	135,641	Seeds	139,525
Electrical	311,551	Sewing Silks, Twists, &c.	292,910
Machine Tools	220,908	Soap	24,804
Mining	33,879	Sodium Salts (excl. nitrate)	119,060
Motive Power	119,118	Spices	92,497
Sewing	99,144	Spirits (Beverages)—	
Other	525,817	Brandy	50,205
Matches and Vestas	26,750	Gin and Schnapps	43,526
Meats	65,804	Whisky	186,231
Metals, Manufactures of—		Other	7,908
Bolts and Nuts	50,872	Stationery—	
Nails	52,210	Books (printed)	285,800
Pipes and Tubes	280,040	Other	164,231
Wire (including Copper Wire)	306,445	Stone (including Marble and Slate)	19,298
Other	635,265	Sugar (produce of Cane)	2,216,281
Milk and Cream	34,014	Sulphur (Brimstone)	85,325
Mustard	23,575	Tea	1,337,626
Nuts, Edible	127,303	Textile Articles N.E.I.	77,190
Oilmen's Stores	42,055	Telephones and Appliances	11,012
Oils, Bottled and in bulk—		Timber	702,796
Essential	48,982	Timepieces	98,315
Kerosene	211,879	Tinned Plates and Sheets (plain)	676,027
Lubricating (Mineral)	108,355	Tobacco, Cigars, &c., and Snuff	705,947
Petroleum Spirit, including Benzine, Benzoline, &c.	705,750	Tools of Trade (not being machines)	232,523
Turpentine	107,699	Trimmings and Ornaments	301,618
Other	198,402	Varnishes	23,658
Packings	14,174	Vehicles and parts thereof—	
Paints and Colours	137,256	Motor Bodies and Chassis	709,534
Paper—		Other	508,244
Paperhangings	35,075	Waxes	116,180
Printing	573,951	Wicker, Bamboo, and Cane	17,714
Wrapping	113,255	Wine	67,416
Writing and Typewriting	147,512	Wood Manufactures	93,064
Other, including Millboard, Strawboard, and Manufactures of	209,362	Wood Pulp	12,474
Perfumery, &c. (non-spirituous)	90,523	Yarns	548,779
Perfumed Spirits and Bay Rum	17,038	All other Articles	460,936
Personal and Household Effects, &c.	54,756		
		Total	33,788,187

The principal articles exported to oversea countries from Victoria during the year ended 30th June, 1920, were as shown hereunder:—

VALUES OF PRINCIPAL ARTICLES EXPORTED TO OVERSEA COUNTRIES FROM VICTORIA, 1919-20.

Articles.	Value.	Articles.	Value.
	£		£
Acids	10,109	Leather, &c.	941,210
Ale, Beer, and Porter	41,501	Machines and Machinery—	
Animals—		Agricultural	21,236
Horses	35,752	Mining	35,709
Sheep	25,699	Other	93,185
Apparel and Attire	109,433	Medicines	15,431
Arms, Ammunition, and Explosives	33,951	Meats—	
Bags and Sacks	19,395	Bacon and Hams	41,734
Biscuits	143,415	Mutton and Lamb (Frozen)	3,757,882
Boots, Shoes, and Slippers	486,311	Rabbits and Hares (Frozen)	224,737
Butter	2,089,296	Potted or Concentrated	27,758
Butter Substitutes	36,942	Preserved in Tins, &c.	875,108
Casein	21,708	Sausage Casings	173,213
Cheese	184,107	Other	138,316
Cocoa and Chocolate	13,461	Metals, Scrap	18,934
Confectionery	52,065	Metals, Manufactures of	116,899
Cordage and Twines	83,614	Milk and Cream	787,627
Drugs and Chemicals—Other	44,507	Oilmen's Stores	16,236
Dyes	10,538	Oils—Bottled and in bulk	100,433
Earthenware, Glass, Stoneware, &c.	23,040	Ores, Clays, and Mineral Earths	95,650
Egg Albumen and Yolk	15,362	Paper, Books, Stationery	78,188
Fertilizers	155,997	Personal and Household Effects	37,712
Fibres	32,811	Photographic Goods	20,991
Fodders (including Hay and Chaff)	32,355	Pickles and Sauces	13,234
Fruit Juices	27,217	Piece Goods	143,736
Fruits and Vegetables—Fresh, Dried, and Preserved	799,778	Platinum	24,830
Fur, Hatters'	20,892	Rubber—	
Furs and other Skins	14,040	Crude	13,387
Gold	440,537	Manufactures of	210,150
Grain, &c.—		Seeds	12,601
Barley (unprepared)	167,338	Silver	440,199
Beans and Peas	29,644	Soap	97,847
Oats	74,594	Spirits	63,929
Wheat	7,983,987	Stearine	24,296
Flour	3,259,296	Sugar, Golden Syrups, &c.	18,101
Malt	104,655	Tallow—Unrefined	1,037,986
Oatmeal, Wheatmeal	13,251	Tea	78,354
Other, Prepared and Unprepared	72,719	Textile Manufactures, n.e.i.	12,182
Hair and Fibre	25,279	Timber, &c.	16,278
Hats	14,920	Tin ingots,	185,135
Hides and Skins	1,947,747	Tobacco, Cigars, and Cigarettes	182,004
Infants' and Invalids' Food	40,608	Vehicles	26,494
Insecticides, Sheepwashes, &c.	14,947	Vegetables	27,321
Iron and Steel	19,573	Vessels, Transferred abroad	157,650
Jams and Jellies	394,339	Wine	42,609
Jewellery and Precious Stones	118,058	Wool—	
Lard and Refined Animal Fats	113,779	Greasy	9,976,435
Lead—		Scoured and Washed	2,527,215
Pig	45,408	Tops	296,869
Sheet and Piping	3,340	Zinc—Bars, Blocks, and Rods	19,957
		All other Articles	282,351
		Total	42,996,652

Principal
articles of
trade.

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

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO OVERSEA COUNTRIES, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from Oversea Countries.</i>	£	£	£	£	£	£
Piece Goods	3,416,251	4,928,975	5,392,184	5,063,100	9,558,083	7,101,272
Machines and Machinery .. .	1,040,024	1,074,487	964,596	766,877	1,264,384	1,446,058
Oils	537,921	751,535	879,378	770,985	1,109,087	1,381,067
Tea	506,737	744,077	617,485	546,121	732,463	1,337,626
Metal Manufactures .. .	1,016,106	1,064,508	908,296	726,624	1,340,566	1,324,892
Vehicles and Parts .. .	579,778	761,291	583,818	407,182	627,623	1,217,778
Iron and Steel .. .	1,037,485	1,115,866	801,065	455,243	911,737	1,103,450
Paper, Paperhangings, &c. .. .	642,444	704,541	1,278,969	813,407	1,841,214	1,079,155
Apparel and Attire .. .	718,669	941,752	1,047,672	623,698	1,313,841	901,259
Tobacco, Cigars, and Cigarettes .. .	303,734	253,165	433,090	193,144	516,657	705,947
Timber	700,719	647,024	360,487	445,154	508,531	702,796
Bags and Sacks .. .	413,146	684,283	756,624	1,006,557	1,550,789	679,650
Tinned Plates and Sheets (Plain) .. .	198,457	299,902	606,613	240,940	187,337	676,027
Electrical and Gas Appliances, Electrical Articles and Materials .. .	281,589	467,484	465,608	181,592	495,132	564,476
Yarns	192,707	492,856	663,422	395,268	860,405	548,779
Stationery	344,753	324,716	330,814	271,605	377,025	450,031
Rubber and Rubber Manufactures .. .	384,940	601,239	441,781	558,090	764,969	445,858
Fibres	164,816	335,288	366,639	510,686	326,457	443,851
Leather, &c. .. .	240,412	238,923	399,282	243,846	317,120	378,410
Jewellery	107,470	64,279	112,336	98,640	228,424	334,408
Cocoa Beans, &c., Cocoa and Chocolate .. .	77,391	142,256	130,412	128,007	206,216	324,750
Floor Coverings .. .	263,476	270,471	284,696	241,871	392,102	315,776
Trimmings and Ornaments .. .	200,320	200,079	224,749	200,096	496,833	301,618
Sewing and Embroidery .. .						
Silks, &c. .. .	156,749	184,545	255,672	249,834	436,366	292,910
Specie and Bullion .. .	392,771	276,641	47,312	443,892		2,440
All other Articles .. .	7,041,495	9,191,739	7,121,839	5,531,329	8,032,950	9,727,963
Total	21,050,310	26,761,922	25,474,839	21,113,588	35,026,311	33,788,187
<i>Exported from Victoria to Oversea Countries.</i>						
Wool	5,251,177	6,203,565	6,149,212	6,820,006	10,968,651	12,800,519
Wheat and Flour .. .	351,856	3,420,589	5,391,477	4,308,424	5,363,902	11,243,283
Meats	2,075,196	169,318	700,704	886,024	1,788,187	5,238,748
Butter	800,385	719,653	2,139,025	1,664,299	1,860,415	2,089,296
Hides and Skins .. .	885,075	534,440	548,736	478,236	1,078,163	1,947,747
Tallow, Unrefined .. .	192,400	45,214	246,091	133,577	467,529	1,037,986
Leather, &c. .. .	498,509	490,291	445,774	243,404	805,445	941,210
Fruits (fresh, dried, and preserved) .. .	43,625	368,218	264,943	333,064	421,867	799,778
Milk and Cream .. .	77,503	15,053	311,213	595,192	339,893	787,627
Boots, Shoes, and Slippers .. .	5,797	11,398	18,037	75,870	168,070	486,311
Jams and Jellies .. .	36,625	196,979	371,753	643,765	829,791	394,339
Rubber Manufactures .. .	79,061	103,115	95,064	125,314	118,792	210,150
Tin Ingots	109,337	224,598	114,635	66,930	28,650	185,135
Tobacco, Cigars, and Cigarettes .. .	69,450	117,489	95,073	128,998	126,585	182,004
Fertilizers	84,749	123,818	94,379	168,592	172,492	155,997
Specie and Bullion .. .	466,197	330,078	5,316	2,001,436	271,179	880,736
All other Articles .. .	1,322,720	1,668,914	1,988,714	2,045,548	3,285,548	3,615,786
Total	12,349,662	14,748,730	19,030,146	20,716,688	28,095,159	42,996,652

On the average of the five years 1915-19, the value of imports exceeded that of exports by £6,497,317, but in 1920 there was a trade balance in favour of the State of £9,208,465. The articles imported were mainly manufactured goods, and were of greater variety than in the case of exports. The latter consisted largely of agricultural and pastoral products. During the period 1915-20 the value of wool, wheat, and flour exported exceeded that of the eight principal items included in the imports. The varied nature of the imports is shown by the fact that the twenty-five articles mentioned in the table represented 71 per cent. of the total value for the six year period—piece goods (including hessians, canvas and duck) with apparel and attire being responsible for 25 per cent. In the case of exports, wool accounted for about 35 per cent., and the sixteen items specified for 90 per cent. of the total value.

The value of Victorian trade with various overseas countries and the surplus of imports or exports in each case, during the year ended 30th June, 1920, were as follows:—

IMPORTS FROM AND EXPORTS TO OVERSEA COUNTRIES,
1919-20.

Country.	Value of Imports into Victoria from each Country.	Value of Exports from Victoria to each Country.	Victorian excess of Imports (+) Exports (-).
	£	£	£
BRITISH.			
United Kingdom	15,555,147	24,353,939	- 8,798,792
Canada	774,444	113,975	+ 660,469
Ceylon	651,815	167,243	+ 484,572
Egypt	20,769	1,629,315	- 1,608,546
Hong Kong	144,985	518,225	- 373,240
India	1,613,168	950,579	+ 662,589
Malta	1,684	77,405	- 75,721
Mauritius .. .. .	..	85,847	- 85,847
Newfoundland	87,103	..	+ 87,103
New Zealand	755,931	3,072,822	- 2,316,891
Pacific Islands	207,156	145,129	+ 62,027
South African Union	233,322	1,666,807	- 1,433,485
Straits Settlements	154,455	670,111	- 515,656
Other British Possessions	45,714	5,738	+ 39,976

IMPORTS FROM AND EXPORTS TO OVERSEA COUNTRIES, 1919-20—
continued.

Country.	Value of Imports into Victoria from each Country.	Value of Exports from Victoria to each Country.	Victorian excess of Imports (+) Exports (-).
	£	£	£
FOREIGN.			
Asia Minor	51,252	2,447	+ 48,805
Belgium	59,949	803,024	- 743,075
Brazil	15,507	78,670	- 63,163
Canary Islands .. .. .	..	271,131	- 271,131
Cape Verde Islands .. .. .	..	122,553	- 122,553
Chile	67,275	91,215	- 23,940
China	129,955	97,620	+ 32,335
East Indies—Billiton Island .. .. .	..	12,603	- 12,603
Borneo (Dutch)	342,386	48,876	+ 293,510
Celebes	8,628	70,458	- 61,830
Java	3,029,224	1,219,543	+ 1,809,681
Sumatra	173,197	194,620	- 21,423
France	104,510	1,439,199	- 1,334,689
Greece .. .. .	..	160,113	- 160,113
Italy	193,355	686,213	- 492,858
Japan	1,364,985	1,722,544	- 357,559
Norway	310,986	246,753	+ 64,233
Philippine Islands	88,465	278,112	- 189,647
Sweden	270,260	225,273	+ 44,987
United States of America	7,220,721	1,556,907	+ 5,663,814
Other Foreign Countries	111,839	211,643	- 99,804
Total	33,788,187	42,996,652	- 9,208,465

The oversea trade in 1920 shows an excess in the value of exports amounting to £9,208,465. The excess in favour of exports to British countries was £13,211,442, there being a balance of imports to the amount of £1,956,760 as regards Canada, Ceylon, India, Newfoundland, and the Pacific Islands; and a balance of exports amounting to £15,168,202 in respect of the remaining British countries. As regards foreign countries, the values of the imports from the United States and the East Indies were greater by £5,663,814 and £1,998,818 respectively than the values of the exports thereto; while, on the other hand, exports to France, Belgium, Italy and Japan showed surpluses over imports of £1,334,689, £743,075, £492,858 and £357,559 respectively. The value of all goods sent to other foreign countries exceeded that of goods received therefrom by the sum of £731,474.

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

IMPORTS FROM AND EXPORTS TO PRINCIPAL COUNTRIES,
1914-15 to 1919-20.

Countries.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
	Imports (Oversea).					
From—	£	£	£	£	£	£
United Kingdom ..	12,388,255	14,173,917	13,625,185	8,823,946	14,966,469	15,555,147
Canada ..	287,287	379,322	428,214	424,686	645,770	774,444
Egypt ..	4,552	9,573	11,325	17,020	24,868	20,769
India and Ceylon ..	1,379,676	1,829,542	1,808,411	2,169,778	2,867,458	2,264,983
New Zealand ..	786,905	962,335	583,094	652,533	747,066	755,981
South African Union	71,093	156,412	113,562	476,542	193,500	233,322
Straits Settlements	217,023	250,004	285,828	260,166	336,306	154,455
Other British Possessions ..	411,106	386,703	382,508	458,757	368,326	486,642
Belgium ..	154,966	397	5,964			59,949
East Indies ..	341,334	771,611	582,218	446,109	1,102,898	3,553,699
France ..	81,253	110,363	52,432	35,627	44,092	104,510
Italy ..	126,718	181,277	79,807	124,949	57,954	193,355
Japan ..	540,287	1,242,694	1,346,958	1,770,872	3,142,760	1,364,985
Norway ..	376,813	213,618	314,269	139,713	332,671	310,986
Philippine Islands	43,815	76,723	95,426	115,616	45,493	88,465
Sweden ..	155,325	279,381	334,831	217,474	179,562	270,260
United States of America	2,701,993	4,766,300	5,013,856	4,692,520	9,513,896	7,220,721
Other Foreign Countries ..	981,909	971,750	410,951	287,280	457,222	375,564
Total ..	21,050,310	26,761,922	25,474,839	21,113,588	35,026,311	33,788,187
	Exports (Oversea).					
To—						
United Kingdom ..	8,346,832	7,180,823	12,392,569	8,601,231	16,122,709	24,353,939
Canada ..	17,707	26,793	55,516	433,450	853,610	113,975
Egypt ..	31,512	61,760	677,676	785,553	1,989,799	1,629,315
India and Ceylon ..	298,089	286,219	329,581	2,397,873	1,809,432	1,117,822
New Zealand ..	1,121,718	1,121,227	875,026	1,780,560	1,735,217	3,072,322
South African Union	399,532	675,436	451,558	864,376	632,001	1,666,807
Straits Settlements	114,729	111,196	199,951	106,491	270,748	670,111
Other British Possessions ..	199,295	96,484	208,564	144,377	266,861	832,344
Belgium ..	23,453					803,024
East Indies ..	197,323	280,733	442,390	506,045	1,227,791	1,554,881
France ..	248,640	565,865	1,448,484	1,028,030	436,009	1,439,199
Italy ..	106,329	784,008	1,124,090	574,157	732,956	686,213
Japan ..	83,557	126,235	47,363	165,921	381,588	1,722,544
Norway ..	1	2,550	153,175		111,578	246,753
Philippine Islands	30,948	33,608	48,425	189,709	105,785	278,112
Sweden ..	650				379,284	225,273
United States of America	1,162,825	2,099,476	196,571	2,883,272	1,633,757	1,556,907
Other Foreign Countries ..	175,522	1,296,317	379,207	255,643	406,034	1,026,611
Total ..	12,349,622	14,748,730	19,030,146	20,716,688	28,095,159	42,996,652

In each of the last six years exports were of greater value than imports in the trade with Egypt, New Zealand, South Africa, France, and Italy (with the exception of the year 1915); but, in trade with Norway and the United States of America, the value of the imports was greater than that of exports. There was an excess of exports in trade with the United Kingdom in 1919 and 1920, with Canada and

India and Ceylon in 1918, with Straits Settlements and Japan in 1920, with the East Indies in 1918 and 1919, and with Sweden in 1919; but in other years there was an excess of imports from these countries. The exports to the Philippine Islands were greater in value than the imports therefrom in each of the last three years. Prior to the war trade with Germany showed an excess of imports, and that with Belgium an excess of exports.

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 overseas imports for the year ended 30th June, 1920.

OVERSEA IMPORTS, 1919-20—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.
	£	£		
United Kingdom ..	15,555,147	13,498,618	46·04	39·95
Canada	774,444	874,045	2·29	2·59
Hong Kong	144,985	1,030	·43	..
India and Ceylon ..	2,264,983	2,278,409	6·70	6·74
New Zealand	755,931	685,628	2·24	2·03
Pacific Islands ..	207,156	218,607	·61	·65
South African Union ..	233,322	242,998	·69	·72
Straits Settlements ..	154,455	172,683	·46	·51
West Indies (British) ..	14,152	123,811	·04	·36
Other British Countries ..	141,118	205,525	·42	·61
Belgium	59,949	147,097	·18	·43
Brazil	15,507	92,810	·05	·27
China	129,955	363,620	·38	1·08
East Indies	3,553,699	3,549,604	10·52	10·51
France	104,510	1,141,265	·31	3·38
Italy	193,355	281,117	·57	·83
Japan	1,364,985	1,310,027	4·04	3·88
Netherlands	23,394	62,908	·07	·19
Norway	310,986	335,691	·92	·99
Philippine Islands ..	88,465	91,784	·26	·27
Spain	6,992	66,290	·02	·20
Sweden	270,260	303,589	·80	·90
Switzerland	39,342	395,718	·12	1·17
United States of America ..	7,220,721	7,057,315	21·37	20·89
Other Foreign Countries ..	160,374	287,998	·47	·85
Total	33,788,187	33,788,187	100·00	100·00

Trade with United Kingdom.

In trade between Victoria and the United Kingdom the value of imports exceeded that of exports in each of the years 1915 to 1918, but in 1919 and 1920 the value

of exports was greater than that of imports by £1,156,240 and £8,798,792 respectively. 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, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June.—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from United Kingdom.</i>						
Piece Goods—	£	£	£	£	£	£
Cotton and Linen ..	1,480,357	1,862,562	2,059,112	2,120,021	4,227,160	2,437,779
Woolen	620,488	1,119,191	1,219,272	765,972	1,104,021	1,484,755
Silk	370,653	389,952	371,764	306,969	396,021	619,726
Canvas and Duck ..	102,022	243,380	231,631	110,063	310,292	525,772
Velvets, and Lace for Attire	259,365	340,170	453,386	407,218	575,355	458,151
Other	110,482	270,842	207,734	167,894	202,333	238,121
Iron and Steel ..	790,151	738,741	297,090	88,611	221,803	830,856
Tinned Plates and Sheets (plain)	198,457	288,180	566,656	239,093	813,775	674,024
Machines and Machinery Yarns	552,109	489,529	319,992	157,129	423,622	601,083
Apparel and Attire ..	182,464	469,088	654,130	374,109	781,349	533,644
Vehicles and Parts ..	617,580	681,540	656,826	434,911	594,748	504,336
Trimblings and Ornaments	323,723	230,318	159,119	48,399	106,876	382,945
Floor Coverings ..	192,848	190,886	217,465	194,843	420,166	273,361
Sewing and Embroidery Silks, &c.	250,825	292,227	263,290	195,107	281,262	264,507
Books	143,800	167,758	230,526	211,873	364,436	242,223
Spirits	197,098	195,874	192,567	164,456	191,277	218,566
Rubber and Rubber Goods	232,718	209,741	334,397	251,262	250,673	201,399
Paper, Paperhangings, &c.	195,256	332,524	183,559	188,391	205,299	185,900
Vessels (Ships) ..	359,246	351,165	501,690	180,893	194,499	158,754
All other Articles ..	182,000	211,143	420,000			
	5,026,613	5,099,106	4,084,979	2,216,792	3,301,502	4,719,245
Total	12,388,255	14,173,917	13,625,185	8,823,946	14,966,469	15,555,147
<i>Exported from Victoria to United Kingdom.</i>						
Wool	3,901,335	3,469,079	5,722,261	3,984,871	9,301,007	10,717,454
Meats—						
Beef, Mutton and Lamb	1,618,931	47,348	515,373	34,946	711,798	3,748,720
Preserved in tins ..	104,542	4,674	44,461	112,052	475,890	827,218
Rabbits and Hares ..	127,506	90,588	111,632	263,512	73,043	224,377
Wheat and Flour ..	35,768	855,352	1,558,777	1,592,071	865,520	3,907,258
Butter	645,728	522,668	1,938,206	1,411,013	1,377,259	1,255,184
Hides and Skins ..	575,345	377,783	405,419	349,613	999,538	1,068,577
Leather, etc.	422,970	374,278	258,617	81,558	483,400	471,292
Tallow, unrefined ..	163,594	29,327	206,950	103,950	321,668	356,771
Jams and Jellies ..	28,102	184,869	343,789	233,402	326,248	197,828
Fruits—preserved in liquid	99	672	18,612	11,667	219,370	197,779
Tin Ingots	92,482	189,717	94,454	3,190	14,488	172,892
Gold (Bullion and Specie)	1,029	1,395	643	469	2,615	257
Copper	63,000	2,040	5,880		57,004	
All other Articles ..	566,401	1,031,133	1,167,495	418,917	893,283	1,208,332
Total	8,346,832	7,180,823	12,392,569	8,601,231	16,122,709	24,353,989

Imports from the United Kingdom are chiefly made up of manufactures, while exports thereto from Victoria consist almost entirely of agricultural and pastoral products. It will be observed from the figures for 1920 that piece goods and apparel and attire represent 40 per cent. of the total imports, also that wool is responsible for 44 per cent. of the total exports. If the value of meats, wheat

and flour, butter, and skins exported be added to that of wool, 89 per cent. of the total is accounted for.

Trade with India and Ceylon. Trade with India and Ceylon amounted to £3,382,805 in 1920, and was less than the previous year by £794,085, the values of the imports and exports having decreased by £602,475 and £191,610 respectively. The principal articles interchanged during the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO INDIA AND CEYLON, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from India and Ceylon.</i>						
	£	£	£	£	£	£
Tea	486,645	627,494	503,545	502,395	616,294	831,431
Bags and Sacks	410,679	682,514	750,879	1,003,606	1,546,026	678,106
Rice	86,159	75,178	50,481	60,314	16,783	176,456
Hessians	100,932	98,027	137,790	103,997	194,429	121,416
Hides and Skins	10,966	12,721	56,570	111,957	78,374	86,968
Fibres	14,666	13,236	24,272	41,180	48,214	67,132
Waxes	10,639	8,459	12,503	34,432	26,473	54,938
Nuts	12,127	17,172	20,521	14,244	19,650	54,030
Coffee	17,485	22,956	26,912	7,064	22,987	25,499
Gums and Resins	269	72	488	506	22,845	25,389
Oils in Bulk	9,501	14,871	10,389	18,668	16,326	20,508
Cocoa Beans	3,389	3,070	16,732	25,066	42,248	15,870
Rubber and Rubber Goods	72,093	115,325	48,075	98,418	26,371	10,563
Cordage and Twines	71	..	3,818	13,446	60,073	4,299
Seeds	6,225	10,903	10,415	11,193	43,894	57
Pig Iron	47,368	39,731	50,756	3,648	..	..
All other Articles	90,462	82,813	84,265	119,644	86,471	92,321
Total	1,379,676	1,829,542	1,808,411	2,169,778	2,867,458	2,264,983
<i>Exported from Victoria to India and Ceylon.</i>						
Specie and Bullion	45,314	100,712	..	1,500,000	400	490,199
Wheat, Flour, and Oatmeal	17,441	2,099	2,017	86,720	511,523	270,691
Milk and Cream	1,108	902	35,784	103,520	40,687	29,829
Horses	97,449	16,578	55,694	117,318	15,427	19,917
Meats	2,027	496	13,527	147,994	162,216	17,838
Jams and Jellies	4,930	7,792	19,180	154,611	66,414	12,578
Hay and Chaff	36,818	16,008	12,704	7,803	3,247	10,434
Biscuits	8,098	28,289	24,758	7,113	6,589	10,051
Leather, &c.	2,669	18,839	4,265	33,737	42,405	6,664
Soap	7,933	14,219	7,277	1,444	119	6,315
Fruits (preserved in liquid)	2,609	4,378	22,979	62,727	34,438	2,903
Wool	28,127	32,442	87,860	66,780	64,005	..
All other Articles	43,566	44,465	43,536	108,106	362,162	240,408
Total	298,089	286,219	329,581	2,397,873	1,309,432	1,117,822

The import trade from India and Ceylon in 1920 was largely made up of jute goods, tea, rice, and skins, whose value formed about 87 per cent. of the total. In return, bullion and specie and grain were in that year the leading items of exchange, all other exports being responsible for 32 per cent. of the total.

The trade with New Zealand for the year ended 30th June, 1920, amounted to £3,828,753. The exports thereto amounted to £3,072,822, and represented 7 per cent. of the total overseas exports. 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, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from New Zealand.</i>	£	£	£	£	£	£
Hides and Skins	78,190	212,743	122,475	52,642	176,709	187,042
Timber	134,515	190,779	166,219	256,706	243,711	181,337
Flax and Hemp	28,218	124,790	123,618	146,952	103,768	129,250
Seeds	26,506	8,724	9,591	35,357	55,133	50,423
Milk and Cream	8,979	16,939	11,617	31,555	30,027	31,249
Fish	21,204	29,039	19,713	14,088	14,846	26,591
Oakum and Tow	6,826	14,565	19,133	19,252	11,586	21,641
Machines and Machinery	5,453	3,009	6,216	3,317	7,785	6,725
Hops	2,882	1,367	244	..	13,871	4,937
Animals (horses, cattle, sheep, and pigs).. ..	7,646	19,984	6,622	9,081	6,126	2,380
Books	4,597	1,894	2,155	1,844	2,988	2,286
Meat, preserved in tins	2,217	6,683	6,956	5,098	1,125	1,342
Gold—Bullion	130,951	54,314	..	26,700	..	..
All other Articles	328,721	277,505	88,535	49,991	79,391	110,728
Total	786,905	962,335	583,094	652,533	747,066	755,931
<i>Exported from Victoria to New Zealand.</i>						
Grain and Pulse—						
Wheat.. ..	..	2	..	227,335	346,134	681,227
Barley .. ..	..	11,630	18,412	27,757	17,264	39,425
Oats	1	29,877	28,510	36,500	11,666	16,258
Rice and Rice Meal	25,869	18,943	10,122	28,460	11,389	5,956
Flour	18,301	8,734	37,232	19,888	1,880	1,043
Boots and Shoes	3,965	9,257	14,588	68,229	159,020	376,570
Fruits—Dried	20,205	57,207	40,141	67,932	29,814	223,268
Tobacco manufactured	66,357	104,434	87,504	118,075	114,726	177,960
Rubber manufactures	77,362	100,745	85,405	119,687	105,495	173,647
Leather, etc.	15,196	29,297	28,514	59,642	41,289	109,880
Piece Goods	15,114	18,165	22,871	40,922	43,123	107,707
Tea	42,623	43,085	36,446	50,080	46,350	77,555
Metal manufactures	11,706	26,571	27,743	67,034	48,402	64,548
Machinery	26,614	26,725	23,896	42,717	30,579	60,180
Fertilizers	48,265	80,619	56,548	110,787	55,627	42,690
Milk and Cream	4,508	3,105	12,385	30,484	18,993	37,687
Books	28,325	36,714	22,959	34,851	27,518	34,590
Spirits	4,059	10,740	2,317	56,089	67,342	10,585
Gold—Specie	275,000	202,000	..	125	..	280
All other Articles	229,248	303,377	318,933	573,966	558,606	831,216
Total	912,718	1,121,227	875,026	1,780,560	1,735,217	3,072,822

The value of the imports from New Zealand for 1920 was £144,894 less than the annual average of the preceding six-year period, but the value of the exports thereto exceeded the annual average by £1,621,002,

or about 112 per cent. Wheat, boots, fruits, tobacco, rubber manufactures, leather, and piece goods were the principal items exported in 1920, and they accounted for 60 per cent. of the total value in that year.

Belgium accounted for about 3 per cent. of Victoria's Trade with overseas trade in the years immediately preceding 1915.

The trade was suspended in 1918 and 1919, and for the two preceding years consisted of imports only, which amounted to £397 in 1916 and £5,964 in 1917. The principal articles of trade with Belgium in each of the calendar years 1910 to 1913, and in the fiscal years 1915 and 1920 were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO BELGIUM, 1910 TO 1914-15, AND 1919-20.

Articles.	Value in Year—					
	1910.	1911.	1912.	1913.	Ended 30th June—	
					1915.	1920.
<i>Imported into Victoria from Belgium.</i>						
	£	£	£	£	£	£
Iron and Steel ..	121,098	168,073	127,968	205,932	39,960	..
Glass and Glassware ..	39,671	52,672	52,521	54,718	11,232	42,274
Confectionery ..	968	5,359	22,951	22,122	6,719	..
Vehicles and parts ..	16,771	30,205	63,854	25,910	6,597	..
Cameos and Precious Stones ..	34,858	59,419	31,596	26,947	5,800	14,460
Paper, Paperhangings, &c. ..	20,748	24,722	25,290	25,052	5,354	650
Piece Goods ..	16,506	19,552	20,794	20,700	4,628	419
Wire and Wire Netting ..	20,868	23,028	24,342	24,272	4,350	..
Copper ..	9,748	3,802	21,361	28,872	6,741	..
Wine ..	7,554	20,656	17,178	15,779	1,238	..
All other Articles ..	129,929	201,403	206,100	232,779	65,347	2,146
Total ..	418,719	608,891	613,955	683,083	154,966	59,949
<i>Exported from Victoria to Belgium.</i>						
Wool ..	381,183	365,026	442,832	387,793	1,924	580,671
Tallow ..	18,993	55,850	24,353	40,085	..	83,028
Jams and Jellies ..	..	..	..	..	..	42,583
Milk and Cream ..	..	..	..	..	..	31,654
Leather, etc. ..	23,397	9,050	11,119	6,010	..	10,440
Hides and Skins ..	241,635	194,814	238,806	280,705	11,577	7,411
Ores—Silver, Lead, &c. ..	23,342	22,098	16,370	120	..	5,500
Wheat ..	105,239	78,800	59,362	30,945	..	..
Cameos and Precious Stones ..	1,791	3,132	17,393	9,085	605	..
All other Articles ..	14,029	26,636	7,434	13,006	9,347	41,737
Total ..	809,609	755,106	812,674	767,749	23,453	803,024

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. The value of the exports for 1920 compares favorably with the average annual value for the five-year period 1909-13, this being due principally to a large shipment of wool in the year mentioned.

The islands of Borneo (Dutch), Celebes, Java, Moluccas, New Guinea (Dutch), Sumatra, and Timor form the East Indies group. The value of the imports from and exports to the East Indies was about 2 per cent. of Victoria's oversea trade in 1915, and nearly 7 per cent. thereof in 1920. The chief articles interchanged during the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO THE EAST INDIES, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from the East Indies.</i>	£	£	£	£	£	£
Sugar	42,562	522,111	346,573	6	450,772	2,216,242
Oils	38,228	5,623	9,672	172,951	232,962	505,713
Tea	58,352	56,987	91,169	35,638	86,659	467,851
Fibres	26,269	35,198	34,647	64,726	46,309	82,216
Hides and Skins .. .. .	..	695	3,449	34,146	49,858	59,047
Spices	282	528	7,494	14,158	23,797	33,279
Coffee and Chicory	7,577	1,862	7,319	12,197	18,431	33,015
Seeds	7,358	17,232	6,187	1,458	9,406	31,599
Sago and Tapioca	46	1,632	..	10,829	11,948	19,486
Tobacco—unmanufactured	4,322	9,638	26,212	27,453	42,955	17,353
Waxes	805	2,345	1,182	6,218	15,854	15,366
Drugs and Medicinal Preparations	1,329	7,138	6,216	4,011	13,013	13,638
India-rubber	7,379	11,324	5,528	1,093	78,097	9,667
All other Articles	146,825	99,298	36,570	61,225	27,837	49,277
Total	341,334	771,611	582,218	446,109	1,102,898	3,553,699
<i>Exported from Victoria to the East Indies.</i>						
Butter	90,597	125,825	174,848	167,144	385,647	532,047
Grain and Pulse	20,401	53,255	61,342	92,145	248,221	371,300
Milk and Cream	256	4	12,350	51,741	83,226	148,385
Leather, etc.	19,434	26,859	35,192	14,906	69,757	108,367
Biscuits	11,521	16,343	17,322	18,080	28,430	64,679
Ammonium Sulphate	23,839	32,253	35,743	51,944	110,270	46,381
Machines and Machinery	1,939	610	1,287	5,199	49,032	23,271
Meats	4,093	428	486	5,805	3,341	21,081
All other Articles	25,243	25,156	108,320	99,081	249,867	239,370
Total	197,323	280,733	442,390	506,045	1,227,791	1,554,881

For the period shown in the table, sugar represented 52½ per cent. of the total imports, and foodstuffs (butter, grain and pulse, milk and cream, biscuits and meats) about 67 per cent. of the exports.

Trade with France, which consists chiefly of exports, has been greatly reduced since 1913 on account of the war. As compared with the annual average of the five years

1909-13, the trade in 1920 shows a decrease of £101,265 in imports, and of £961,626 in exports. The principal articles imported from and exported to France in the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO FRANCE, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from France.</i>						
	£	£	£	£	£	£
Brandy	1,367	703	281	7,811	377	21,328
Cream of Tartar	13,871	14,905	5,291	1,645	4,799	13,130
Corals and Precious Stones..	1,896	3,162	218	649	5,115	10,094
Wine	3,281	3,870	2,790	313	483	5,271
Rubber Manufactures	5,601	17,290	5,607	3,494	12,791	4,655
Corks, Cork Mats, &c.	1,232	3,048	1,228	1,243	914	2,853
Piece Goods	14,252	15,330	12,285	3,340	1,736	1,640
Acids	2,317	1,749	..	..	..	819
Vehicles, and parts	4,330	454	..	..	91.	357
Gelatine, &c.	1,500	2,278	907	..	45	35
All other Articles	31,606	47,574	23,825	17,132	17,741	44,328
Total	81,253	110,363	52,432	35,627	44,092	104,510
<i>Exported from Victoria to France.</i>						
Wheat	1,699	234,069	1,124,829	582,440	..	763,007
Wool	42,334	205,078	97,402	185,249	167,941	479,810
Flour .. .. .	..	38,397	130,927	256,711	..	170,240
Leather, etc.	96	..	2,982	..	81,717	17,150
Tallow (unrefined)	670	6,774	..	..	58,054	953
Hides and Skins	194,992	76,909	74,978	..	..	..
Jams and Jellies .. .. .	..	..	..	721	103,773	..
All other Articles	8,849	4,638	17,366	2,909	26,524	8,069
Total	248,640	565,865	1,448,484	1,028,030	436,009	1,439,199

Imports direct from France in 1920 do not indicate the extent to which articles produced in France were received in Victoria, as goods of French origin to the extent of £1,141,265 were imported in that year. The value of exports in 1920 was practically covered by that of wheat, wool, and flour.

The trade with Germany, which amounted to 6½ per cent. of the total with oversea countries in 1913, was discontinued early in the year 1914-15 owing to the outbreak of war and the passing of the *Trading with the Enemy Act* 1914. The provisions of this Act automatically ceased to operate on the ratification of peace, but the Commonwealth authorities issued a proclamation on 14th January, 1920, under the Customs Act, prohibiting exports to and imports from Germany without the written consent of the Minister of State for Trade and Customs. On 2nd December, 1920,

the embargo against exports was removed. For goods which are under control, as for instance wheat, wool, metals, and butter, permission to export must still be obtained, but, where the controlling bodies consider it advisable to supply these commodities, the Government will not interfere. 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 in Year ended 31st December—					
	1908.	1909.	1910.	1911.	1912.	1913.
<i>Imported into Victoria from Germany.</i>	£	£	£	£	£	£
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	136,739	125,627	97,436	98,080
Vehicles, and parts ..	27,557	23,777	16,523	24,533	60,972	82,383
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
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	823,884
Total ..	1,305,602	1,205,359	1,338,612	1,631,455	1,878,043	1,738,678
<i>Exported from Victoria to Germany.</i>						
Wool ..	533,050	792,840	952,760	688,166	934,723	716,127
Tin Ingots ..	1,250	..	5,542	10,842	33,397	79,659
Apples—Fresh ..	9,630	17,405	14,080	17,213	28,149	63,544
Wheat ..	..	9,003	39,089	11,931	16,873	39,945
Ores ..	2,958	1,436	3,770	3,072	16,146	36,817
Sausage Casings ..	11,698	10,596	12,431	13,400	15,170	14,471
Hides and Skins ..	31,961	17,733	9,908	7,711	4,465	11,468
Tallow ..	59	940	11,100	15,803	3,282	6,478
Gold—Specie ..	1,410,000	..	..	..	200,000	..
All other Articles ..	14,930	22,508	22,711	33,164	35,335	60,924
Total ..	2,015,536	872,461	1,071,391	801,302	1,287,540	1,029,433

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 Japan (including Formosa) increased considerably during the period 1915–19. The value of goods received from Japan represented 2·6 per cent. of the total oversea imports into Victoria in 1915, 4·6 per cent. in 1916, 5·3 per cent. in 1917, 8·4 per cent. in 1918, and 8·9 per cent. in 1919,

Trade with Japan.

but only 4 per cent. in 1920. The principal articles interchanged during the last six years were as follows:—

VALUE OF PRINCIPAL ARTICLES IMPORTED FROM AND EXPORTED TO JAPAN, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from Japan.</i>	£	£	£	£	£	£
Piece Goods	191,035	312,874	344,467	747,301	1,594,320	674,243
Grass Straw, &c. .. .	.. .. .	11,525	21,805	54,345	32,406	55,685
Apparel and Attire .. .	20,419	87,216	155,818	63,914	135,014	53,388
Chinaware	2,649	15,687	27,270	26,936	62,912	49,749
Glass and Glassware .. .	9,159	31,454	42,382	48,978	78,163	40,888
Fancy Goods	8,005	24,053	34,721	54,204	67,136	37,242
Textile Articles, N.E.I. .. .	285	1,383	12,479	16,009	20,150	33,906
Buttons, Buckles, &c. .. .	11,962	23,301	26,283	34,126	25,663	27,937
Floor Coverings	6,041	9,327	13,495	35,353	53,992	23,013
Brushware	6,712	16,373	22,867	17,896	27,428	20,519
Matches and Vestas .. .	2,776	27,388	8,208	24,913	71,323	19,974
Electrical Cable and Wire (covered) .. .. .	.. .. .	1	533	11,549	79,608	19,661
Sulphur—Brimstone .. .	48,809	46,905	101,474	185,831	114,747	17,078
Metal Manufactures .. .	3,401	13,484	22,921	38,770	81,494	16,146
Hats, Bonnets, and Caps .. .	15,791	24,830	27,762	23,725	28,828	13,993
Fibres	3,957	2,503	7,168	15,938	35,621	13,776
Timber	13,060	29,205	60,824	6,756	17,232	13,774
Earthenware, Brownware, &c.	4,106	19,408	23,481	22,101	27,033	13,617
Cosies, Cushions, Counterpanes, &c.	12,953	26,107	36,755	24,574	27,508	10,288
Gloves	1	92	6,707	29,031	45,700	8,179
Yarns	41	305	61	3,315	44,408	1,074
Calcium—Carbide of .. .	.. .. .	.. .. .	153	28,928	50,428	382
Sugar—Produce of Cane .. .	.. .. .	271,826	127,173	.. .. .	.. .. .	.. .. .
All other Articles	179,125	247,447	222,151	256,379	421,646	200,473
Total	540,287	1,242,694	1,346,958	1,770,372	3,142,760	1,364,985
<i>Exported from Victoria to Japan.</i>						
Grain and Pulse	18	146	.. .. .	88,408	196,347	1,110,379
Wool	51,397	77,421	.. .. .	.. .. .	37,275	229,993
Tallow (unrefined) .. .	5,952	.. .. .	12,026	7,127	28,015	145,165
Fertilizers .. .. .	.. .. .	4,066	2,010	423	1,366	44,838
Butter	345	1,554	1,601	615	991	22,549
Hides and Skins	10,789	8,469	.. .. .	2,435	2,715	17,070
Metals, Scrap .. .. .	.. .. .	35	.. .. .	.. .. .	.. .. .	15,566
Lead .. .. .	.. .. .	.. .. .	.. .. .	446	4,886	14,860
Milk and Cream	2,450	.. .. .	524	25,066	18,435	13,520
Tallow Oil	4,623	8,053	12,214	17,240	11,453	4,419
All other Articles	7,983	26,491	18,988	24,161	80,105	104,185
Total	83,557	126,235	47,363	165,921	381,588	1,722,544

For the year 1920, the articles specified accounted for 85 per cent. of the total imports, whilst the items piece goods and apparel and attire formed 53 per cent. thereof. On page 412 it is shown that the articles produced in Japan and received in Victoria during the year ended 30th June, 1920, amounted in value to £1,310,027.

Prior to 1920 the value of exports to Japan was small, but in that year the figures were augmented by shipments of wheat (£945,772) and wool (£229,993).

Trade with the United States in 1920 amounted to £8,777,628, or 11 per cent. of the Victorian oversea trade. As compared with the year 1919 this trade had decreased by £2,370,025, there having been decreases in imports of £2,293,175, and in exports of £76,850. 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, 1914-15 TO 1919-20.

Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
<i>Imported into Victoria from the United States.</i>	£	£	£	£	£	£
Machines and Machinery	386,172	487,331	561,632	456,759	755,531	780,364
Vehicles, and parts ..	143,289	429,023	305,686	310,895	449,394	641,470
Tobacco, Cigars, and Cigarettes ..	120,865	186,324	355,481	123,985	408,683	627,313
Oils ..	237,423	469,490	574,646	461,785	704,404	582,368
Metal Manufactures ..	200,700	356,097	313,075	441,997	825,210	579,207
Piece Goods ..	79,920	162,771	260,738	241,623	844,930	432,794
Paper ..	80,299	146,419	228,212	266,695	976,220	377,670
Apparel and Attire ..	110,439	244,744	222,919	118,450	576,028	325,487
Leather, &c. . .	106,441	154,337	327,264	210,969	197,807	296,738
Iron and Steel ..	140,919	326,906	420,189	348,779	686,113	259,626
Timber ..	213,873	235,805	96,365	157,866	223,108	188,085
Rubber and Rubber Goods ..	28,319	70,304	66,076	68,012	216,770	115,889
Tools of Trade ..	67,527	61,362	68,658	57,885	129,238	114,748
Arms, Ammunition, and Explosives ..	18,959	42,163	14,932	67,034	124,839	106,112
Electrical and Gas Appliances, Electrical Articles and Materials	29,205	63,301	74,770	67,000	179,532	103,625
Instruments—Musical	10,626	46,609	68,106	74,467	96,198	95,435
Gloves ..	2,663	5,407	9,300	38,924	107,220	87,961
Cocoa, and Cocoa and Chocolate ..	3,830	10,432	5,785	26,452	106,527	82,139
Glass and Glassware ..	18,168	56,810	67,071	48,681	159,970	59,144
Sewing and Embroidery Silks, &c. . .	12,653	15,589	24,007	37,517	55,809	49,182
Corsets ..	28,663	34,080	48,486	44,772	73,187	43,891
Paints and Colours ..	10,533	21,158	35,665	49,903	86,278	39,205
Waxes ..	4,852	26,396	18,023	15,771	64,418	31,676
Cream of Tartar ..	3,970	10,558	11,820	15,503	85,389	22,932
Sodium Salts ..	374	14,851	16,022	21,392	76,886	14,310
All other Articles ..	641,311	1,088,033	818,928	919,404	1,304,207	1,163,350
Total ..	2,701,993	4,766,300	5,013,856	4,692,520	9,513,896	7,220,721
<i>Exported from Victoria to the United States.</i>						
Hides and Skins ..	75,389	60,849	51,833	69,137	37,726	787,914
Wool ..	1,066,144	2,008,725	..	1,623,663	925,908	310,376
Sausage Casings ..	416	7,940	1,267	29,098	52,015	160,952
Tallow (unrefined) ..	..	..	..	..	..	65,409
Wheat ..	..	..	42,860	757,819	387,921	24,554
Jams and Jellies ..	..	..	..	99,276	158,263	10,504
Flour ..	..	..	2,708	234,774	44,373	20
All other Articles ..	20,876	21,962	97,903	69,505	27,551	197,178
Total ..	1,162,825	2,099,476	196,571	2,833,272	1,633,757	1,556,907

The goods received from the United States in 1920 amounted in value to 21 per cent. of the oversea imports, and covered a wide range of articles. The 25 items specified above accounted for 84 per cent. of the total. Wool was the principal article exported, its value

for the last six years being 62 per cent. of the total exports for that period. Hides and skins were equal in value to 50½ per cent. of the exports in 1920.

Leaving gold out of consideration, an examination of the various articles of Australian produce exported from Victoria to oversea countries in 1920 reveals the fact that 94 per cent. of the total was covered by the twenty articles specified below. Under the heading "Australian Produce" are included articles which were partly or entirely manufactured in Australia from imported materials.

VALUE OF PRINCIPAL ARTICLES OF AUSTRALIAN PRODUCE
EXPORTED FROM VICTORIA TO OVERSEA COUNTRIES,
1914-15 TO 1919-20.

Principal Articles.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
Gold (Bullion, Ore, and Specie)	£ 446,788	£ 320,995	£ 643	£ 2,000,669	£ 2,715	£ 440,537
Wool	5,237,304	6,203,565	6,149,212	6,820,006	10,968,651	12,800,519
Grain and Pulse—						
Wheat	160,642	2,767,099	4,177,726	2,776,635	3,923,715	7,983,987
Flour	191,214	653,490	1,213,751	1,529,789	1,440,187	3,259,299
Other	40,182	70,238	120,948	197,818	347,837	456,141
Meats—						
Mutton and Lamb ..	1,248,085	47,348	394,044	187,733	745,893	3,757,882
Preserved in tins, &c.	213,525	12,258	61,937	328,288	798,645	875,108
Other (frozen) ..	531,867	92,807	236,450	291,188	145,404	338,803
Butter	798,569	653,115	2,154,673	1,664,299	1,860,415	2,089,296
Hides and Skins ..	884,997	534,396	548,725	478,236	1,078,151	1,947,452
Tallow and Tallow Oil	205,362	60,912	262,819	155,855	493,881	1,046,431
Leather, &c. ..	494,418	491,933	438,870	235,375	800,626	931,208
Fruits (Fresh, Dried, and Preserved)	42,339	367,806	264,850	332,996	419,764	798,375
Milk and Cream ..	77,388	14,847	305,738	594,390	339,883	787,627
Boots and Shoes ..	3,108	8,786	14,889	70,549	168,070	485,116
Jams and Jellies ..	36,625	196,979	371,753	643,765	829,791	394,339
Tin Ingots	109,337	224,598	114,635	66,939	28,650	191,745
Tobacco, manufactured	68,127	110,254	88,397	123,876	120,329	178,942
Rubber Manufactures	69,925	101,499	85,199	122,927	115,378	178,444
Fertilizers	84,132	121,800	94,377	162,339	172,492	151,867
Biscuits	39,313	74,813	79,121	75,150	90,241	143,407
Machines and Machinery	66,036	85,753	55,971	75,436	182,525	112,110
Cordage and Twines ..	1,382	3,838	35,533	62,569	125,928	75,212
Lead	144,734	338,083	501,775	57,145	43,934	48,748
Horses	106,054	25,410	62,948	117,318	32,199	35,710
All other Articles ..	588,257	701,455	833,240	1,099,043	2,406,958	2,600,659
Total	11,889,710	14,284,077	18,668,224	20,270,842	27,682,262	42,108,961
Per Head of Population	£ s. d. 8 6 3	£ s. d. 10 1 4	£ s. d. 13 6 11	£ s. d. 14 7 4	£ s. d. 19 7 0	£ s. d. 28 3 0
Percentage of Total Oversea Exports ..	96·27	96·85	98·10	97·85	98·53	97·94

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 about 5 per cent. of the total in 1915 and 1916, 4½ per cent. in 1917, 5½ per cent. in 1918, 9 per cent. in 1919, and 6 per cent. in 1920.

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 six years:—

EXPORTS OF AUSTRALIAN PRODUCE, 1914-15 TO 1919-20.

Destination.	Value in Year ended 30th June—					
	1915.	1916.	1917.	1918.	1919.	1920.
	£	£	£	£	£	£
United Kingdom ..	8,281,285	7,079,399	12,359,007	8,597,832	16,097,442	24,260,523
Other British Countries	1,600,190	2,110,791	2,522,241	6,114,549	6,242,662	8,524,559
Foreign Countries ..	2,008,235	5,093,887	3,786,976	5,558,461	5,342,158	9,314,879
Total ..	11,889,710	14,284,077	18,668,224	20,270,842	27,682,262	42,108,961

Of the Australian produce exported overseas during the last six years, about 57 per cent. was sent to the United Kingdom, 20 per cent. to other British countries, and 23 per cent. to foreign countries.

Wool, wheat and flour, meats, butter, hides and skins, and tallow were the six principal articles exported from Victoria in 1920—their value being equal to about 80 per cent. of the total exports. The countries that received these products are shown in the following statement:—

DESTINATION OF THE PRINCIPAL ARTICLES EXPORTED IN 1919-20.

Destination.	Wool.	Wheat and Flour.	Meats.	Butter.	Hides and Skins.	Tallow.
	£	£	£	£	£	£
United Kingdom ..	10,717,454	3,907,258	4,912,697	1,255,184	1,068,577	356,771
Egypt ..	..	1,476,997	9,874	2,188	..	2,166
Hong Kong ..	..	426,598	6,877	20,136	..	..
India and Ceylon ..	..	260,967	17,838	20,883	5	117,883
Malta ..	..	76,988	..	..	..	..
Mauritius ..	..	78,901	6	3	..	..
New Zealand ..	..	682,270	1,665	66	1,676	2,930
South African Union ..	..	686,239	18,869	28,440	2	93,804
Straits Settlements ..	..	17,212	2,858	79,944	..	83
Other British Countries	..	16,478	16,366	1,990	63,722	12
Belgium ..	580,671	..	7,438	9	7,411	83,028
Canary Islands ..	..	271,131	..	..	..	..
Cape Verde Islands ..	..	122,553	..	..	..	..
East Indies ..	..	311,890	21,081	532,047	..	..
France ..	479,810	933,247	4,165	..	..	953
Greece ..	..	160,104	..	..	..	..
Italy ..	474,300	..	4	1	..	153,964
Japan ..	229,993	1,011,992	950	22,549	17,070	145,165
Norway ..	..	243,383	..	..	..	..
Philippine Islands ..	..	187,383	9,125	42,006	..	..
Sweden ..	7,915	176,104	40,526	..	211	..
United States of America	310,376	24,574	161,857	..	787,914	65,409
Other Foreign Countries	..	171,014	6,552	83,850	1,159	15,818
Total ..	12,800,519	11,243,283	5,238,748	2,089,296	1,947,747	1,037,986

About 65 per cent. of the six articles specified was exported to the United Kingdom. The greatest percentages of each article were shipped to the following countries:—Wool, 84 to the United Kingdom, and $4\frac{1}{2}$ to Belgium; wheat and flour, 35 to the United Kingdom, 13 to Egypt, 9 to Japan, 8 to France, and 6 each to South Africa and New Zealand; meats, 94 to the United Kingdom; butter, 60 to the United Kingdom, and 25 to the East Indies; hides and skins, 55 to the United Kingdom, and 40 to the United States; tallow, 34 to the United Kingdom, 15 to Italy, 14 to Japan, and 11 to India and Ceylon.

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:—

Net revenue
of Customs
Department.

REVENUE OF CUSTOMS DEPARTMENT, 1915-16 TO
1919-20.

Heads of Revenue.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Import Duty—	£	£	£	£	£
Alcoholic Liquors ..	574,690	422,693	300,406	363,663	423,437
Narcotics ..	476,721	497,662	423,456	471,268	529,209
Sugar ..	249,220	112,753	13,971	7,588	Dr. 3,718
All other Articles ..	2,901,721	2,799,442	2,222,806	3,147,217	3,396,931
Total ..	4,202,352	3,832,550	2,960,639	3,989,736	4,345,859
Excise Duty—					
Spirits ..	139,437	124,083	142,978	273,057	341,651
Beer ..	494,161	458,430	556,327	891,491	1,115,994
Tobacco ..	290,365	303,307	301,864	462,219	506,270
Sugar ..	350	..	..	..	..
Starch ..	..	..	..	..	20
Total ..	924,313	885,820	1,001,169	1,626,767	1,963,935
Miscellaneous ..	13,553	14,652	11,952	24,626	19,293
Grand Total ..	5,140,218	4,733,022	3,973,760	5,641,129	6,329,087

These figures have been furnished by the Customs Department, and the amounts shown are exclusive of drawbacks and refunds. No record is kept of goods which were imported into or manufactured in the State, and afterwards passed into another State for consumption.

SHIPPING.

Victorian shipping as dealt with in the succeeding tables **Vessels entered and cleared.** refers to vessels trading with other States and oversea countries; the tonnage quoted is net. Vessels trading on the Victorian coast and on the River Murray have not been taken into consideration, except in the particulars of the shipping at Victorian ports (page 428) and at the port of Melbourne (page 430) where coastal shipping 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 year were as follows:—

OVERSEA AND INTERSTATE SHIPPING, 1915-16 TO 1919-20.

	Year ended 30th June—				
	1916.	1917.	1918.	1919.	1920.
Vessels Entered—					
Number	2,392	1,962	1,721	1,730	1,792
Tons	4,935,129	4,042,819	2,871,343	2,870,974	3,987,262
Average tonnage ..	2,063	2,061	1,668	1,660	2,225
Crews	142,885	119,200	80,199	82,214	116,873
Vessels Cleared—					
Number	2,385	1,967	1,724	1,709	1,809
Tons	4,902,245	4,050,095	2,873,770	2,815,938	4,021,188
Average tonnage ..	2,055	2,059	1,667	1,648	2,223
Crews	141,698	118,360	80,196	81,181	117,352

The figures in the above table for the year 1920 show a large increase in the tonnage and crews of vessels as compared with each of the preceding two years. For the twelve months ended 30th June, 1920, steamers numbered 1,578 of the vessels entered, and 1,589 of the vessels cleared, their tonnage aggregating 3,906,039 and 3,928,553 respectively.

The inward shipping of 1920 included 159 vessels **Shipping in ballast.** in ballast, of an aggregate tonnage of 578,536, whilst the outward shipping included 265 vessels in ballast, having an aggregate tonnage of 554,744.

Shipping with principal countries.

The more important of the countries having shipping communication with Victoria in 1919-20 are set out in the following statement :—

SHIPPING WITH PRINCIPAL COUNTRIES, 1919-20.

Countries.	Entered.				Cleared.			
	Steamers.		Sailing Vessels.		Steamers.		Sailing Vessels.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.	Number.	Tonnage.
Australian States	1,098	1,994,025	171	23,773	1,192	2,400,407	175	27,921
United Kingdom	189	1,069,692	1	1,105	151	816,265	6	8,570
New Zealand	39	68,961	6	1,563	37	88,309	7	1,760
Other British	82	232,210	1	1,012	86	252,384	3	2,920
Total British Countries	1,408	3,364,888	179	27,453	1,466	3,557,365	191	41,171
Japan	53	132,936	..	..	53	136,798	..	..
Java	21	66,641	..	..	17	49,443	..	..
United States	50	188,555	9	9,947	9	35,446	..	..
Other Foreign	46	153,019	26	43,823	44	149,501	29	51,464
Total Foreign Countries	170	541,151	35	53,770	123	371,188	29	51,464
Total	1,578	3,906,039	214	81,223	1,589	3,928,553	220	92,635

Nationality of vessels.

The nationality of vessels entered and cleared at Victorian ports for the year 1919-20 was as shown hereunder :—

NATIONALITY OF SHIPPING, 1919-20.

Nationality.	Entered.		Cleared.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
British—				
Australian	1,060	1,213,266	1,068	1,227,189
United Kingdom	443	2,234,055	450	2,249,574
Canadian	6	12,470	6	12,470
New Zealand	114	99,599	114	99,371
South African	8	8,111	7	7,098
Other British (Hong Kong)	1	1,377	1	1,377
Total British	1,632	3,568,878	1,646	3,597,079
Foreign—				
Chinese	2	4,610	2	4,610
Danish	1	4,247	1	4,247
Dutch	19	57,075	20	59,172
Finnish	2	4,320	1	2,604
French	24	64,363	24	62,405
Italian	12	43,849	12	43,849
Japanese	56	140,582	56	140,582
Norwegian	14	33,876	18	41,499
Swedish	8	20,629	9	22,060
United States	22	44,833	20	43,081
Total Foreign	160	418,384	163	424,109
Total	1,792	3,987,262	1,809	4,021,188

In the next table particulars of the nationality of the shipping are given in a summarized form for each of the last five years.

NATIONALITY OF VESSELS ENTERED AND CLEARED, 1915-16
TO 1919-20.

Year.	Number of Vessels.				Tonnage of Vessels.			
	Australian.	Other British.	Foreign.	Total.	Australian.	Other British.	Foreign.	Total.
Entered.								
1915-16	1,499	714	179	2,392	2,044,398	2,519,317	371,414	4,935,129
1916-17	1,253	586	123	1,962	1,713,714	2,035,346	293,759	4,042,819
1917-18	1,266	312	143	1,721	1,485,665	1,058,144	327,534	2,871,343
1918-19	1,157	426	147	1,730	1,184,951	1,367,615	318,408	2,870,974
1919-20	1,060	572	160	1,792	1,213,266	2,355,612	418,384	3,987,262
Cleared.								
1915-16	1,498	709	178	2,385	2,034,655	2,494,320	373,270	4,902,245
1916-17	1,255	587	125	1,967	1,713,916	2,038,340	297,839	4,050,095
1917-18	1,272	309	143	1,724	1,481,732	1,063,466	328,572	2,873,770
1918-19	1,154	419	136	1,709	1,171,385	1,349,836	294,717	2,815,938
1919-20	1,068	578	163	1,809	1,227,189	2,369,890	424,109	4,021,188

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 1916 to 1920 were:—Australian vessels, 63, 64, 74, 67, and 59 per cent. ; Australian tonnage, 41, 43, 52, 41, and 30 per cent. ; other British vessels, 30, 30, 18, 25, and 32 per cent. ; other British tonnage, 51, 50, 37, 48, and 59 per cent. ; foreign vessels, 7, 6, 8, 8, and 9 per cent. ; and foreign tonnage, 8, 7, 11, 11, and 11 per cent.

Shipping
entered at
Victorian
Ports.

Particulars of shipping—oversea, interstate, and coast-wise—which entered at each port of Victoria are given in the following statement for the year ended 30th June, 1920 :—

VESSELS ENTERED AT EACH OF THE VICTORIAN PORTS, 1919-20.

Direction.	Melbourne.		Cunning- hame (Lakes' Entrance).		Geelong.		Portland.		Warrnam- bool.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
Oversea Direct—										
Steam ..	125	434,726	..	..	6	20,377	..	..	..	..
Sailing ..	32	42,433	..	..	5	9,209	..	..	..	..
Oversea, <i>vid</i> other States—										
Steam ..	341	1,434,489	..	..	8	22,422	..	..	..	..
Sailing ..	5	4,037	..	..	1	1,771	..	..	..	..
Inter-State Direct—										
Steam ..	1,038	1,890,003	1	205	42	90,613	3	2,708	14	10,496
Sailing ..	169	22,215	..	..	1	1,393	1	165	..	..
Total, Oversea and Inter-State—										
Steam ..	1,504	3,759,218	1	205	56	133,412	3	2,708	14	10,496
Sailing ..	206	68,685	..	..	7	12,373	1	165	..	..
Total ..	1,710	3,827,903	1	205	63	145,785	4	2,873	14	10,496
Oversea, <i>vid</i> Ports—										
Steam ..	..	..	..	..	18	57,084	..	..	..	..
Sailing ..	..	..	..	..	8	17,011	..	..	..	..
Inter-State, <i>vid</i> Ports—										
Steam ..	..	..	..	..	1	327	..	..	2	1,400
Local (within the State)—										
Steam ..	1,500	3,110,775	28	5,768	454	144,568	39	12,787	69	22,729
Sailing ..	240	15,229	37	427	4	371	1	164	..	..
Total—										
Steam ..	3,004	6,869,993	29	5,973	529	335,391	42	15,495	85	34,625
Sailing ..	446	83,914	37	427	19	29,755	2	329	..	..
Grand Total	3,450	6,953,907	66	6,400	548	365,146	44	15,824	85	34,625

NOTE.—“ Ports ” mean Victorian ports.

Vessels on
Victorian
register.

The vessels on the Victorian register on 31st December, 1919, were as follows, the ports of registration and net tonnage being distinguished :—

VESSELS ON THE VICTORIAN REGISTER, 1919.

Port of Registration.	Steamers.		Sailing Vessels.		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Melbourne	203	129,350	139	32,589	342	161,939
Geelong	2	419	3	161	5	580
Port Fairy	3	621	..	..	3	621
Total	208	130,390	142	32,750	350	163,140

During 1919 there were added to the register 10 steamers with net tonnage of 6,280, and 4 sailing vessels with a tonnage of 1,163 ; whilst 8 steamers having net tonnage of 3,131, and 10 sailing vessels having a tonnage of 990, were taken off the register.

The following statement, compiled by the Marine Underwriters' and Salvage Association of Victoria, shows the number and net tonnage of vessels on the registers of all the Australian States and New Zealand on 30th June, 1920 :—

VESSELS OWNED IN AUSTRALASIA, 1920.

States, &c.	Steamers.		Sailing Vessels.*		Total.	
	Number.	Net Tonnage.	Number.	Tonnage.	Number.	Net Tonnage.
Victoria	176	129,693	183	34,621	359	164,314
New South Wales ..	499	113,422	505	31,666	1,004	145,088
Queensland	80	16,576	177	6,322	257	22,898
South Australia ..	99	32,149	176	14,038	275	46,187
Western Australia ..	26	11,471	388	12,262	414	23,733
Tasmania	58	8,850	130	4,473	188	13,323
Total Australia ..	938	312,161	1,559	103,382	2,497	415,543
Fiji	4	347	8	1,234	12	1,581
New Guinea .. ..	..	..	14	275	14	275
New Zealand	243	61,688	304	23,458	547	85,146
Total	1,185	374,196	1,885	128,349	3,070	502,545

* Including auxiliary power vessels.

Compared with 1919, vessels owned in Australia decreased by 86 in number, and by 12,968 in tonnage.

PORT OF MELBOURNE.

The port of Melbourne is under the control of the Melbourne Harbor Trust, which has 10·44 miles of wharfs, piers, and jetties in the River Yarra, Victoria Dock, and Hobson's Bay. The area of these wharfs is 65 acres, of which 21 acres are under sheds. An outline of some of the Trust's activities is given below.

Port of
Melbourne.

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, 700 feet wide, and one at the entrance to the Victoria Dock, 660 feet wide. The depth of the river has been gradually increased, until at the present time it is 27 feet at low water for all but the upper half-mile, where the depth is from 24 feet upwards, but is being increased to 27 feet. As regards the wharfage available for shipping, there is a berthing space of 49,010 feet, the whole of which has a good depth of water—7,780 feet at Williamstown, 9,150 feet at Port Melbourne, 20,320 feet in the River Yarra, and 11,760 feet in the Victoria Dock.

This dock, which is 4 miles from the river entrance, was **Victoria Dock.** opened in 1892, and has a free water area of 82 acres, not including the entrance, and a depth of from 27 to 29 feet of water at low tide. The entrance to the dock is 160 feet wide, and on the 8,500 feet of wharfage, excluding the Central Pier, there are six closed and seven open sheds, all 53 feet in width, but now being widened to 80 feet, and two open and two closed sheds 60 feet in width, the total length of these sheds being 4,870 feet. On the pier in this dock, which is 1,631 feet in length and 250 feet in width, six new sheds have been completed, each 480 feet long by 60 feet wide. Two new sheds one 600 and the other 500 feet long and each 80 feet wide are being erected on the Pitt-street side of the dock.

This canal, which was constructed across the flats below **Coode Canal.** Fisherman's Bend, had the effect of reducing the distance from Queen's Bridge to the river entrance from 7 miles to $5\frac{3}{4}$ miles. Its length is 2,002 yards, its total width 487 feet, its width at low water 430 feet, its bottom width 264 feet, and its depth at low water 27 feet.

The material dredged and disposed of during 1919 **Dredging.** amounted to 2,593,640 cubic yards, viz., 1,548,566 cubic yards from the Bay within the Harbor Trust boundary, and 1,045,074 cubic yards from the River Yarra and Victoria Dock. Since the establishment of the Trust the river dredgings have amounted to 35,660,766, and the Bay dredgings to 30,744,219 cubic yards, making a total of 66,404,985 cubic yards. Of the dredgings 53,049,345 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 1919 was 8·92d. per cubic yard.

The floating plant of the Trust consists of 6 dredgers, 2 **Plant.** steam tugs, 9 steam hopper barges, 10 iron dumb hopper barges, 3 steam launches, 3 motor launches, 1 Lobnitz rock-breaker, 1 grab crane, 2 coal hulks, 2 derrick punts, and diving equipment.

Since the inception of the Trust, in the year 1877, the **Trade of the Port.** trade of the port has greatly increased. In the year 1919 vessels to the number of 4,066, comprising 3,061 steamers, 31 ships, 22 barques, 6 barquentines, 261 ketches, 113 schooners, and

572 lighters, with registered gross tonnage aggregating 6,945,000, berthed within the port. The tonnage of imports in 1919 was 1,893,000, and that of exports 1,688,000.

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

Year.	Imports.		Exports.		Net Registered Tonnage.
	Oversea.	Inter-State (including New Zealand).	Oversea.	Inter-State (including New Zealand).	
	tons.	tons.	tons.	tons.	
1915.. ..	1,299,000	1,683,000	239,000	730,000	5,994,000
1916.. ..	982,000	1,652,000	655,000	703,000	5,555,000
					Gross
1917.. ..	754,000	1,384,000	638,000	593,000	6,920,000
1918.. ..	874,000	1,670,000	507,000	668,000	5,271,000
1919.. ..	698,000	1,195,000	1,202,000	486,000	6,945,000

The gross tonnage of vessels visiting the port in 1919 shows an increase of 1,674,000 tons, as compared with 1918. This increase was almost entirely due to the number of oversea ships which arrived to take away wheat.

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

COAL IMPORTED FROM OTHER STATES.

(Exclusive of Coal transhipped.)

	Tons.		Tons.
1914	906,962	1917.. ..	771,953
1915	846,980	1918.. ..	1,105,543
1916	809,209	1919.. ..	710,440

Port improvement. A new railway pier at Port Melbourne was completed in 1915, its length being 1,902 feet, and its width 186 feet.

The total cost of the pier and superstructures is £214,118. Dredging has been completed to 37 feet, to provide for four berths for vessels drawing 35 feet. Two shelter sheds are provided, which are connected with vessels by movable gangways bridging the railway lines. Passengers are thus enabled to board and disembark from vessels clear of the railway traffic.

The channel leading to the piers at Port Melbourne and Williamstown is 600 feet wide, and dredging is in progress to provide a depth of 37 feet at low water. The first stage of providing a depth of 34 feet is well advanced, as the western half (300 feet wide) is being completed to that depth. It is anticipated that in about twelve months a depth of 34 feet throughout this channel will be available, and dredging to 37 feet will then be entered upon.

The construction of the new Central Pier at the Victoria Dock was completed in 1916. A bed for the centre roadway on this pier has been formed by the insertion of reinforced concrete plates on which

wood blocks have been laid. The expenditure on the pier to 31st December, 1919, including the erection of six cargo sheds, was £197,304.

The widening of the swinging basin on the south side of the river is practically completed. This work makes the width of the river at the basin 700 feet for a length of 1,000 feet. The other works being carried out in this connexion are:—Erection of timber wharf around the swinging basin; construction of reinforced concrete sheet piling; erection of wharf in front of sheet piling; and demolition of the old wharf and sheet piling, &c. It is proposed to dredge the swinging basin to 27 feet O.L.W. The cost of these works to 31st December, 1919, was £130,798; the estimated total cost is £341,158.

The following statement shows the berthage accommodation and depth of water at the wharfs and piers within the Port of Melbourne:—

BERTHAGE ACCOMMODATION AND DEPTH OF WATER.

Name of Wharf, Pier, &c.	Berthing Space, in Feet.	Depth, in Feet O.L.W.
Breakwater Pier, Williamstown	920	28 to 30
Railway Pier, Williamstown (old)	2,500	28 to 30
Railway Pier, Williamstown (new)	1,200	28 to 30
Graving Dock Pier, Williamstown	860	25 to 28
Reid-street Pier, Williamstown	1,000	20 to 24
Ann-street Pier, Williamstown	800	17 to 22
Gem Pier, Williamstown	500	8 to 10
New Railway Pier, Port Melbourne	2,650	36 to 37
Railway Pier, Port Melbourne	3,000	28 to 30
Town Pier, Port Melbourne	3,500	27 to 30
Newport Wharf (river)	400	27
Footscray Wharf (river)	700	13 to 14
Queen's Wharf (river)	1,800	17 to 26
Prince's Wharf (river)	2,050	17 to 24
Australian Wharf (river)	7,620	24 to 26
South Wharf (river)	7,750	23 to 26
Victoria Dock (river)	11,760	27 to 29
	49,010	

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. The depth at Victoria Dock is limited by that of the river channel, which is maintained at from 26 to 27 feet.

At the various piers and wharfs are the following cranes:—

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.

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 following are the principal postal charges within the Commonwealth, as from 1st October, 1920:—

Letters .. .. .	..	2d. per half ounce
Letter-cards .. .. .	..	Single, 2d. each
Post-cards .. .. .	..	Single, 1½d. each
Printed papers (other than newspapers)	..	1d. per 2 ounces
Books printed in Australia .. .. .	..	1d. per 8 ounces
Books printed outside Australia .. .. .	..	1d. per 4 ounces
Magazines printed and published in Australia ..	each	1d. per 8 ounces
Magazines printed and published outside Australia ..	each	1d. per 4 ounces
Commercial papers, patterns, samples, and merchandise as prescribed .. .. .	..	1½d. per 2 ounces
Newspapers printed and published in Australia ..	each	1d. per 10 ounces
Newspapers printed and published outside Australia ..	each	1d. per 4 ounces

The rate of postage on letters from the Commonwealth to the United Kingdom and the Oversea Dominions and British colonies and protectorates is 2d. per half ounce or fraction of half ounce.

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 transmitted only after the despatch of 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. A scheme exists under which week-end messages may be lodged up to midnight on Saturday, and are deliverable on Tuesday morning, or if practicable on Monday. This has, however, been temporarily suspended.

The following table shows the postal business transacted in Victoria during the last five years. Registered letters and articles, which numbered 1,841,992 in 1919-20, are included:—

POSTAL RETURNS, 1915-16 TO 1919-20.

—	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Posted and Received—					
Letters and Postcards	191,427,078	201,093,447	197,830,163	188,526,047	197,080,463
Newspapers	40,246,088	43,175,024	36,695,699	34,982,384	31,756,907
Packets ..	11,146,357	11,490,795	10,884,630	10,495,445	9,921,565
Parcels ..	1,163,140	1,283,949	1,363,044	1,399,114	1,393,480
Total ..	243,982,663	257,043,215	246,773,536	235,402,990	240,152,415

The total number of letters, newspapers, packets, and parcels passing through the post-office in 1919-20 was below the annual average of the preceding five-year period by 5,809,000, but was greater than the total of 1918-19 by 4,749,425. A clear idea of the magnitude of the postal matter dealt with will be obtained when it is stated that during the last year the letters posted and received represented 132 and the newspapers, packets, and parcels 29 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: 1915-16 TO 1919-20.

Service.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
LETTERS AND POSTCARDS.					
Posted for delivery inland ..	134,212,538	133,312,357	128,839,592	127,757,271	136,269,955
Posted for delivery in other States	16,267,863	16,366,285	18,196,539	19,515,019	18,737,430
Posted for delivery outside the States	13,944,397	15,935,748	13,707,895	9,834,996	5,980,179
Total	164,424,798	165,614,390	160,744,026	157,107,286	160,987,564
Received from other States ..	16,481,811	17,529,247	20,524,168	18,608,892	20,651,254
Received from outside the States	10,520,469	17,949,810	16,561,969	12,809,869	15,441,645
Total	27,002,280	35,479,057	37,086,137	31,418,761	36,092,899
NEWSPAPERS.					
Posted for delivery inland ..	14,410,719	19,871,312	18,353,029	18,474,884	18,915,366
Posted for delivery in other States	14,823,566	12,830,757	10,670,456	10,366,521	7,627,905
Posted for delivery outside the States	3,955,133	2,987,080	3,504,111	2,899,892	1,334,776
Total	33,189,418	35,689,149	32,527,596	31,741,297	27,878,047
Received from other States ..	4,685,452	4,776,097	2,579,897	2,015,766	2,431,974
Received from outside the States	2,371,218	2,709,778	1,588,206	1,225,321	1,446,886
Total	7,056,670	7,485,875	4,168,103	3,241,087	3,878,860
PACKETS.					
Posted for delivery inland ..	6,136,500	6,060,216	5,919,199	5,610,195	5,237,770
Posted for delivery in other States	2,495,132	2,737,515	2,584,613	2,989,384	2,982,211
Posted for delivery outside the States	922,389	881,171	955,558	807,525	364,029
Total	9,554,021	9,678,902	9,459,370	9,407,104	8,584,010
Received from other States ..	1,039,866	1,080,527	978,878	754,510	923,220
Received from outside the States	552,470	731,366	446,382	333,831	414,335
Total	1,592,336	1,811,893	1,425,260	1,088,341	1,337,555
PARCELS.					
Posted for delivery inland ..	593,895	520,785	547,179	539,328	752,600
Posted for delivery in other States	243,655	227,773	252,014	296,469	349,941
Posted for delivery outside the States	145,907	357,689	357,458	279,065	47,586
Total	983,457	1,106,247	1,156,651	1,114,862	1,150,187
Received from other States ..	118,626	115,307	126,105	132,838	150,428
Received from outside the States	61,057	62,395	80,288	151,414	92,865
Total	179,683	177,702	206,393	284,252	243,293

The number of letters and other postal articles dealt with by the Dead Letter Office in Victoria during each of the last two years was as follows:—

DEAD LETTERS, ETC., 1918-19 AND 1919-20.

How dealt with.	1918-19.		1919-20.	
	Letters and Post Cards.	Packets and Newspapers.	Letters and Post Cards.	Packets and Newspapers.
<i>Inland.</i>				
Returned to writers or delivered	413,142	121,639	378,329	127,095
Destroyed in accordance with Act	48,627	412,173	62,616	225,761
<i>Inter-State.</i>				
Originally addressed to other States—				
Returned to writers ..	78,802	6,787	54,953	3,375
Destroyed in accordance with Act	9,088	160,348	11,648	118,454
Returned to other States as unclaimed	27,221	1,954	38,984	3,401
<i>International.</i>				
Originally addressed to other Countries—				
Returned to writers ..	56,977	10,523	26,448	3,851
Destroyed in accordance with Act	2,349	104,930	4,395	84,483
Returned to other Countries as unclaimed	28,354	10,383	27,397	7,295
Total	663,560	828,737	604,770	573,715

The above return includes for 1919-20 letters containing money to the amount of £33,281; letters containing other articles of value to the number of 5,196; and letters, &c., irregularly posted, 28,262. In the figures for that year are also included 7,844 registered letters, viz. :—6,161 inland, 570 interstate, and 1,113 international.

There are 536 money order offices in the State, which, in 1919-20, issued 429,723 orders for £2,536,026. Of these 381,295 (for £2,343,880) were Commonwealth, 5,632 (for £24,161) New Zealand, and 42,796 (for £167,985) international orders. The orders paid in the same year numbered 470,822, and were for an

aggregate amount of £2,755,023, the Commonwealth being 436,169 (for £2,607,648), the New Zealand 18,595 (for £72,244), and the international 16,058 (for £75,131). The postal notes sold totalled 2,992,955 (for £923,269), the inland postal notes paid 2,138,623 (for £737,698), and the notes of other States paid in Victoria 322,697 (for £117,859). The following is a comparative statement of the business done in each of the last five years :—

MONEY ORDERS AND POSTAL NOTES, 1915-16 TO 1919-20.

—	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Money Orders issued—					
Number	654,324	420,347	438,897	461,164	429,723
Amount .. £	2,646,488	2,046,113	2,297,313	2,712,512	2,536,026
Money Orders Paid—					
Number	676,062	461,477	475,306	476,543	470,822
Amount .. £	2,800,880	2,213,594	2,524,316	2,702,292	2,755,023
Postal Notes—					
Issued .. £	918,600	884,586	896,753	912,938	923,269
Victorian—Paid in Victoria .. £	731,044	689,222	681,955	698,606	737,698
Of Other States—					
Paid in Victoria .. £	132,429	127,684	123,709	120,167	117,859

The number and value of money orders issued in 1919-20 were less than the totals for the previous year; the money orders paid were 5,721 fewer in number and £52,731 greater in value than in that year. The number of such orders dealt with in 1915-16 was large, owing to the system then in operation of paying military allotments by money orders.

The total value of the postal notes paid in the State during 1919-20 was greater than in the preceding year by £36,784; the Victorian notes showed an increase of £39,092 and those of other States a decrease of £2,308. The postal notes issued in Victoria during 1919-20 exceeded those of the previous year by 104,568 in number and £10,331 in value.

There are 1,663 telegraph offices in the State, 147 of which are attached to the railway service. The number of telegrams sent from Victorian offices, and the number

Telegraphs
and
telegrams.

received from outside the State, in each of the last five years, were as follows :—

**TELEGRAMS DESPATCHED AND RECEIVED, 1915-16
TO 1919-20.**

—	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Telegrams despatched—					
Inland	2,189,333	2,258,435	2,296,097	2,538,632	2,977,725
Inter-State ..	1,012,605	1,038,411	1,098,575	1,132,989	1,359,122
International ..	133,088	132,025	137,758	132,613	153,809
Total ..	3,335,026	3,428,871	3,532,430	3,804,234	4,490,656
Telegrams received—					
Inter-State ..	1,061,206	1,059,334	1,116,361	1,175,771	1,405,875
International ..	150,951	160,497	169,047	158,111	154,858
Total ..	1,212,157	1,219,831	1,285,408	1,333,882	1,560,733

The total telegrams despatched show a gradual improvement annually in the five-year period, the number for 1919-20 exceeding that for the previous year by 686,422. Compared with 1915-16 the telegrams despatched during the latest year showed an increase of 1,155,630, of which 788,392 were inland, 346,517 interstate, and 20,721 international. Since 1915-16 telegrams received from other States have increased by 344,669, and cablegrams from other countries by 3,907.

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. There were 697 exchanges in Victoria on 30th June, 1920, and the actual number of subscribers' lines was 49,017, with 66,211 telephones connected which represented 4·41 to every 100 persons in the State. Telephone bureaux for the use of the public are placed in prominent positions in or near public buildings, post-offices, railway stations, &c. The number of these at 30th June, 1920, was 1,376.

The following are the charges payable, as from 1st October, 1920, for each of the different classes of service specified below :—

Exchanges or Networks with Subscribers' lines connected as shown hereunder—	Radius of Network with Main Exchange as Centre.	Annual Ground Rent, within Two Mile Radius.		
		For an Exclusive Service.	For each Subscriber or Instrument on a Two Party Service.	For each Subscriber or Instrument on a Three or more Party Service.
	Miles.	£ s. d.	£ s. d.	£ s. d.
From 1 to 300 ..	5	3 0 0	2 10 0	2 0 0
„ 301 to 600 ..	5	3 5 0	2 10 0	2 0 0
„ 601 to 1,500 ..	5	4 7 6	3 7 6	2 15 0
„ 1,501 to 4,000 ..	10	4 12 6	3 15 0	3 2 6
„ 4,001 and upwards	10	5 0 0	3 15 0	3 2 6

RAILWAYS.

Victorian
Railways,
Length and
cost.

All railways in Victoria available for general traffic are, with the two exceptions referred to on page 445, 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 is steam, with the exception of about 7½ miles of Electric Street Railway and four suburban lines (Sandringham-Essendon, St. Kilda, Port Melbourne, and Williamstown), on which electric trains are run for the conveyance of passengers. 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., and 2·41 miles (2·22 miles double and ·19 mile single) of electric street railway, of which the gauge is 4 ft. 8½ 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, 1916, TO 30TH JUNE, 1920.

—	1916.	1917.	1918.	1919.	1920.
Length of Lines on 30th June—					
Double Lines (miles)	328·19	328·19	328·19	330·41	330·41
Single Lines (miles)	3,825·33	3,847·57	3,876·57	3,914·64	3,939·12
Total ..	4,153·52	4,175·76	4,204·76	4,245·05	4,269·53
Cost of Construction	£ 37,906,057	£ 38,305,630	£ 38,652,751	£ 38,945,068	£ 39,148,873
Average Cost per mile	9,126	9,173	9,193	9,174	9,169

In addition to the lines embraced in this table, the following were in course of construction on 30th June, 1920:—

	Miles.
5 ft. 3 in. Gauge.	
Beetomba to Cudgewa	9·91
Cavendish to Balmoral	25·29
Koo-wee-rup to McDonald's Track	30·75
Manangatang to Bryden's Tank	14·25
Alberton to Won Wron	12·25
Total	92·45

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

	Miles.
5 ft. 3 in. Gauge.	
Merbein to Yelta	10·00
Bittern to Red Hill	10·00
Total	20·00

**Electrification
of suburban
lines.**

Parliament sanctioned the electrification of the Melbourne Suburban Railways in the year 1912, and it is expected that the work will be completed about the middle of 1923. The progress of the scheme has been greatly retarded owing to conditions produced by the war. The Sandringham-Essendon, St. Kilda, Port Melbourne, and Williamstown lines are now being worked electrically, and the Coburg line will be converted at an early date.

The electric services have given much satisfaction, and, when the scheme is completed, the metropolis will be provided with a greatly improved system of railway transit, which will enable additional services to be afforded at a reduced cost as compared with steam operation. At Flinders-street station, for instance, on the lines electrically operated, engine movements have been eliminated and the work of the signalmen has been lessened and the capacity of the station to handle additional trains increased.

The total capital expenditure on the Electrification Scheme during the eight years 1912-20, exclusive of the cost of constructing new carriages and the structural alterations to existing suburban rolling-stock, was £3,313,434.

**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, 1916 TO 1920.

30th June—				£
1916	..	..	..	54,560,106
1917	..	..	..	55,808,163
1918	..	..	..	56,694,141
1919	..	..	..	57,658,557
1920	..	..	..	58,496,357

The cost given is the actual cost of construction, exclusive of expenses of floating loans, &c. Of the capital expended to 30th June, 1920, £3,921,198 was derived from the general revenue, and the balance (£54,575,159) from loans. The latter liability is represented by debentures and stock outstanding to the nominal amount of £56,351,200, on which the annual interest payable is £2,233,762, or at the average rate of 3·964 per cent. The nominal amount of loans, however, was reduced by £1,776,041—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, 1920, was 3·964 per cent., the real interest on the net proceeds available for railway construction was 4·093 per cent.

The capital expenditure incurred in respect of lines now closed for traffic was approximately £383,863, and for surveys of lines not constructed £371,858.

**Railway
traffic.**

The mileage and the traffic of the railways since 30th June, 1915, are given in the following table :—

RAILWAYS—MILEAGE AND TRAFFIC, 1915-16 TO 1919-20.

	Year ended 30th June—				
	1916.	1917.	1918.	1919.	1920.
Miles Constructed ..	4,153·52	4,175·76	4,204·76	4,245·05	4,269·53
„ Dismantled ..	18·03	18·03	36·13	36·13	36·13
„ Closed to Traffic	29·93	29·93	11·83	11·83	11·83
„ Open for Traffic	4,105·56	4,127·80	4,156·80	4,197·09	4,221·57
Train Mileage ..	14,424,357	14,594,775	14,147,896	13,587,968	15,687,177
Passengers carried ..	118,898,222	111,791,982	109,607,750	117,467,159	143,251,216
Goods and Live Stock Carried (Tons) ..	5,829,835	5,962,602	6,231,093	6,515,470	7,770,694

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, 1920, was 4,582·19 miles of main tracks, and 850·92 miles of sidings.

The number of passengers carried in 1919-20 constituted a record, and exceeded the best total previously recorded by 14 per cent. The expansion in that year was mainly due to the prosperous conditions which existed, the return of large numbers of soldiers from overseas, and the improved services provided on the suburban lines worked under electric traction. Of the passenger journeys in 1919-20, 132,987,353 were made by metropolitan-suburban, and 10,263,863 by country passengers, the former being an increase of 23,737,608, and the latter an increase of 2,046,449, as compared with the corresponding journeys for the previous year. The tonnage of goods and live stock carried in 1919-20 was the highest recorded, and exceeded that for 1918-19, which now stands second in importance, by 1,255,224. The strike of seamen and the subsequent strike of marine engineers necessitated the overlanding from New South Wales of a very large tonnage of coal, and the firewood traffic was greatly increased as the result of the shortage of coal. There was also heavy fodder traffic to New South Wales, and an abnormal quantity of live stock was conveyed to markets or removed from drought-stricken areas to other parts of the State. The items of goods carried in 1919-20 showing greatest tonnage were :—Wheat, 1,510,196 tons; minerals (including coal, coke, ores, &c.), 668,117 tons; firewood, 662,338 tons; and stone, gravel, and sand, 659,439 tons. Live stock carried in the same year had an aggregate weight of 697,537 tons, and comprised 46,299 horses, 612,249 cattle, 10,195,918 sheep, and 285,567 pigs.

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,
1915-16 TO 1919-20.

	Year ended 30th June—				
	1916.	1917.	1918.	1919.	1920.
Receipts—	£	£	£	£	£
Passenger Fares ..	2,667,289	2,606,339	2,924,115	2,938,137	3,841,844
Freight on Goods and Live Stock	2,628,487	2,951,513	3,156,761	2,977,069	3,746,375
Sundries ..	434,967	422,786	512,997	560,868	698,844
Total ..	5,730,743	5,980,638	6,593,873	6,476,076	8,287,062
Working Expenses—					
Way and Works ..	1,128,286	1,100,192	1,209,360	1,028,871	1,296,418
Rolling-stock ..	1,676,395	1,838,605	1,909,658	1,889,360	2,721,091
Transportation ..	1,094,877	1,105,741	1,228,950	1,260,362	1,839,998
General Charges*..	242,030	261,420	255,937	296,178	408,247
Total ..	4,141,588	4,305,958	4,603,905	4,474,771	6,265,754
Net Receipts ..	1,589,155	1,674,680	1,989,968	2,001,305	2,021,309
Percentage of Ex- penses to Receipts	72·27	72·00	69·82	69·10	75·61

* Including pensions and gratuities.

The railway receipts for 1919-20 were greater than those for any other year, and exceeded the best total previously recorded by about 26 per cent. The amount received in passenger fares in 1919-20 was greater by £575,147 in the case of country, and by £328,558 in the case of metropolitan-suburban passengers than that received in 1918-19. The most notable features in receipts from goods in 1919-20 as compared with the previous year were increases of £97,623 for the carriage of minerals, £65,931 for the carriage of hay, straw and chaff, and £48,789 for the carriage of firewood. There was a decrease in the amount received for the carriage of wheat of £85,432, notwithstanding an increase in the tonnage handled. This was accounted for by the fact that there was a smaller quantity railed from country stations, and a large increase in the quantity trucked for export from the accumulated stocks at the seaboard in respect of which a haulage charge of only 6d. per ton is imposed. The freight on live stock in 1919-20 was in excess of that for the previous year by £174,870. There has been an increase in working expenses in recent years, chiefly on account of the increased cost of coal, the higher cost of materials, &c., and the better conditions which have been provided for the staff.

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, 1915-16 TO 1919-20.

Year.			Interest, &c.	Net Revenue.
			£	£
1915-16	..	..	1,927,107	1,589,155
1916-17	..	..	2,012,447	1,674,680
1917-18	..	..	2,126,906	1,989,968
1918-19	..	..	2,164,902	2,001,305
1919-20	..	..	2,234,202	2,021,309

The figures show that in each of the last five years there was a deficit after payment of working expenses, pensions and gratuities, special expenditure and interest charges and expenses. The financial operations for 1919-20 resulted in a deficit of £212,893. The freights and fares operating during a portion of the year (17th May to 30th June) were on a higher scale than previously; this increased the earnings approximately by £115,000. There were, on the other hand, certain large increases of expenditure due to special causes, the principal of which were £680,073, the increased cost of salaries and wages under the Railways Classification Board Act, and £89,740, the additional price paid for coal.

Railway earnings and expenses per mile. The earnings, expenses, and net profits per average mile of railway worked for each of the last five years were as follows :—

RAILWAY RECEIPTS AND EXPENDITURE PER AVERAGE MILE WORKED, 1915-16 TO 1919-20.

	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.
Average Number of Miles Open for Traffic	3,960	4,109	4,144	4,165	4,202
	£	£	£	£	£
Gross Earnings per Mile	1,447	1,456	1,591	1,555	1,972
Expenses per Mile	1,046	1,048	1,111	1,074	1,491
Net Profits per Mile	401	408	480	481	481

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, 1920, showed that there were at that time 788 locomotives, 1,693 carriages, 19,532 trucks, and 945 vans and sundry stock, of which 17 locomotives, 49 carriages, 243 trucks, and 6 luggage vans were narrow-gauge stock. During the year 1919-20 the following new stock was put into service:—17 locomotives, 36 carriages, 63 trucks, 1 van, and a steam crane. In addition, 2 new underframes and bogies for motor coaches were constructed, and 6 cars of the suburban bogie type were altered for use in the electric service. The capital cost of the broad-gauge stock was £11,263,973, of the narrow-gauge stock £105,539, and of the electric street railway stock £50,460.

The number of officers and employees in the railway service and the amount of salaries and wages (excluding 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 Employees at end of Year.			Amount of Salaries and Wages Paid during Year.
	Permanent.	Supernumerary.	Total.	
1915-16 ..	12,272	9,547	21,819	£ 3,558,893
1916-17 ..	11,833	7,758	19,591	3,228,336
1917-18 ..	11,781	7,542	19,323	3,150,437
1918-19 ..	12,034	7,892	19,926	3,284,779
1919-20 ..	12,580	12,117	24,697	4,594,106

Figures relating to the Commissioners, the Railway Construction Branch, the State Coal Mine, and co-operative labour parties are not included in the above statement, but particulars of the staff on the St. Kilda to Brighton and Sandringham to Black Rock Electric Street Railways are included. The number of employees excludes members of the staff who were absent on service in connexion with the war.

PERSONS KILLED OR INJURED ON VICTORIAN RAILWAYS AND AMOUNTS PAID IN
COMPENSATION, DAMAGES, ETC.: 1910-11 TO 1919-20.

Year ended 30th June.	Passengers.				Employees whilst in the execution of their duty.				Employees proceeding to or from duty; Persons at Crossings; Trespassers, and Others.		Total.		Amount Paid on Account of Compensation, Damages, &c.
	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.					
1911*	10	526	8	99	..	31	5	148	26	25	49	829	£ 146,135
1912	..	13	9	117	..	44	23	146	35	42	67	362	23,100
1913†	2	441	5	131	1	15	5	189	23	36	36	812	66,694
1914	..	33	8	199	1	61	11	233	25	38	45	564	13,567
1915	..	40	6	185	2	36	8	253	32	44	48	558	14,359
1916	..	29	11	198	2	28	10	242	31	37	54	534	20,766
1917	..	46	5	133	1	35	4	225	22	26	32	465	15,556
1918	..	33	4	197	2	46	9	246	29	39	44	561	18,221
1919	..	41	6	174	1	31	7	222	38	42	52	510	18,303
1920	..	32	8	174	..	33	8	164	22	48	38	451	18,161
Yearly Average	1.2	123.4	7.0	160.7	1.0	36.0	9.0	206.8	28.3	37.7	46.5	564.6	35,486

*Including Richmond accident.

† Including West Melbourne accident.

With regard to the payments referred to in the above table, it should be pointed out that they not only cover cases of passengers where the accidents causing death or injury were "due to causes beyond their own control"; but they also include compensation paid on account of injuries sustained by employees whilst on duty, such payments being £7,021 in 1910-11, £9,178 in 1911-12, £4,670 in 1912-13, £5,903 in 1913-14, £7,008 in 1914-15, £17,143 in 1915-16, £12,925 in 1916-17, £11,480 in 1917-18, £13,035 in 1918-19, and £10,815 in 1919-20.

The following table shows the number of persons killed or injured in each of the last ten years in railway accidents, the amounts paid in compensation, damages, &c., and the yearly averages for the period:—

Municipal railway.

A railway between Kerang and Koondrook, owned and worked by the municipality of the Shire of Kerang, is open for general traffic. This railway, which has a 5 ft. 3 in. gauge, is 13 miles 75 chains in length, and, up to the end of 1919, cost £39,859 for construction and equipment. For the year 1919, the gross receipts were £4,496, and the working expenses £3,118. The train mileage for the same year was 18,928 and the passengers carried numbered 14,509.

Private railway.

Another railway in Victoria not belonging to the State system is one of 3-ft. gauge and 12 miles in length between Yarra Junction and Powelltown. It was constructed principally for private use, but, in addition to serving its immediate purpose, it is engaged in the general business of transportation of passengers and goods. Up to 30th June, 1920, the cost of construction was £56,357, and for the year ended on the same date the receipts and working expenses were £8,530 and £5,310 respectively.

Freights on Victorian railways.

A statement of freights, operative on 1st July, 1920, in respect of commodities affecting rural producers, has been supplied by the General Passenger and Freight Agent of the Victorian Railways, and is appended hereto.

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 trucks loaded to full carrying capacity, less 5 per cent.*	5	10	9	2	10	10	12	2	13	2	14	0	15	0
Dairy Produce, consisting of Butter, Milk, Cream, Cheese (boxed), Hams and Bacon (minimum, 1 ton), and Eggs†	11	6	21	2	28	6	35	10	41	0	46	0	51	0
Fresh Fruit†	7	6	13	6	17	10	22	0	25	0	28	2	31	4
Fresh Meat, in 5-ton lots; Fencing Wire, in trucks loaded to full carrying capacity, less 5 per cent.; Woolpacks and Cornsacks, in truck loads of 8 or 12 tons	10	0	18	0	23	8	29	2	33	4	37	6	41	8
Poultry (living)†	15	10	29	6	39	8	49	10	57	0	63	10	70	10
Wool (greasy)†	20	9	40	6	52	0	59	6	67	3	74	9	82	3
Agricultural Machinery and Implements, Binder Twine†	22	3	43	3	64	6	80	3	96	0	106	9	117	6
Fencing Wire, in truck loads of 6 and 8 tons	14	0	27	0	39	6	49	0	58	3	63	0	67	6
Wire Netting, in trucks loaded to full carrying capacity, less 5 per cent.	5	2	9	2	12	8	14	10	17	4	19	2	21	0
Manures, in trucks loaded to full carrying capacity, less 5 per cent.	3	0	4	6	5	8	6	8	7	8	8	10	9	4
	Rate per truck.													
Live Stock	49	0	94	0	110	6	145	0	180	6	215	6	251	0

* Agricultural Produce includes Wheat, Oats, Barley, Maize, Beet, Onions, Hay, Straw, Chaff, compressed Fodder, Flour, Bran, Pollard, Peas, Potatoes, Sharps, Molasses and Treacle for cattle food (on declaration), Pigs' Food, unrefined Salt, 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, operative on 1st July, 1920, has also been obtained from the same source and is given below.

VICTORIAN RAILWAY PASSENGER FARES.

Distance.	Single.		Return.*	
	1st Class.	2nd Class.	1st Class Holiday Excursion.	2nd Class Holiday Excursion.
Miles.	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
50	8 3	5 6	13 9	9 2
100	16 0	10 8	26 9	17 10
150	23 9	15 10	39 9	26 6
200	32 0	21 4	53 6	35 8
250	40 0	26 8	66 9	44 6
300	44 9	29 10	74 9	49 10
350	49 6	33 0	82 6	55 0

* Tickets issued only on dates specially advertised.

Cheap excursion tickets, at the rate of 2½d. per mile for first class return and 1½d. 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 October to the 30th April each year return tourist tickets are issued to various holiday resorts from all stations throughout Victoria at holiday excursion fares, and are available for two months from date of issue.

TRAMWAYS.

The various tramway systems in the State comprise 45·927 miles of cable lines, double track; 93·096 miles of electric lines, of which 52·908 miles are double, and 40·188 miles single track; 625 of a mile of horse-line, double track; and a steam tramway of 1 mile, double track.

The electric street railways, St. Kilda to Brighton and Sandringham to Black Rock, under the management of the Victorian Railways Commissioners, are not referred to in this connexion, being included under the heading "Railways."

The subjoined table contains particulars relating to all tramways in Victoria for each of the last five years :—

VICTORIAN TRAMWAYS, 1915-16 TO 1919-20.

(Exclusive of St. Kilda-Brighton and Sandringham-Black Rock Electric Street Railways).

Financial Year.	Miles of Track.	Tram Mileage.	Number of Passengers carried.	Traffic Receipts.	Working Expenses.	Number of Rolling-stock.	Number of Persons employed.
1915-16	{ 91·29 double 33·644 single }	16,772,376	133,035,371	£ 1,075,449	£ 654,692	1,249	2,940
1916-17	{ 94·913 double 35·945 single }	17,506,253	154,057,485	1,191,328	710,776	1,268	3,188
1917-18	{ 95·106 double 36·688 single }	19,270,153	170,250,543	1,307,954	805,141	1,329	3,376
1918-19	{ 98·56 double 36·33 single }	19,902,007	179,405,472	1,384,206	908,404	1,354	3,563
1919-20	{ 100·46 double 40·183 single }	20,368,507	204,807,815	1,572,176	1,099,272	1,392	4,193

On 7th January, 1919, the Royal Assent was given to the Melbourne and Metropolitan Tramways Act, which is administered by a Board consisting of seven members appointed by the Governor-in-Council. The Chairman holds office for a period of five years and the remaining members for a period of three years. The new Board on 1st November, 1919, assumed control of the Melbourne Cable Tramways and the Royal Park Horse Tramway. Information in regard to the control of these tramways prior to that date is given in the *Year-Book* for 1918-19, page 569.

On 2nd February, 1920, the following additional Tramway systems were vested in the Board :—

Prahran and Malvern Tramways Trust, Electric Tramways.

Hawthorn Tramways Trust, Electric Tramways.

Melbourne Brunswick and Coburg Tramways Trust, Electric Tramways.

Fitzroy Northcote and Preston Tramways Trust, Electric Tramways.

Footscray Tramways Trust, Electric Tramways.

Northcote Council, Cable Tramway.

Authority is also given to acquire the Electric Tramways of the North Melbourne Electric Tramway and Lighting Company Limited (Essendon), by agreement or by compulsory acquisition.

The whole of the officers and servants exclusively employed by the various undertakings and the liabilities and assets were taken over by the new Board at the date the respective tramways were vested in the Board.

The Board is empowered to borrow up to £750,000 by the issue of stock or debentures secured upon its revenues and undertakings, this being in addition to the transferred liabilities attaching to the tramways vested in it. Power is given to incur an overdraft not exceeding £100,000. The borrowing powers have not been exercised so far.

As soon as practicable the Board will prepare a general scheme for the future development of tramways in the metropolis. This scheme is to be reported upon by the Railways Standing Committee, and subsequently submitted to Parliament. Should it be approved by Parliament, the Board may construct any portion of the tramways included in the general scheme upon obtaining an Order-in-Council relating thereto. Authority is given to the Board to construct certain tramways already approved by the Governor-in-Council or Parliament without further formalities.

The Act permits the Board, subject to certain procedure, to generate electricity for use on its tramways, and to provide public parks and places of recreation.

The Act provides that the Board shall pay to the Consolidated Revenue each year a sum equivalent to the Government's contributions to the Queen's Memorial Infectious Diseases Hospital, the Metropolitan Fire Brigades Board, and certain specified municipalities pursuant to the *Licensing Act* 1916, which sum at present amounts to about £80,000. The surplus on the operations of any year, after transferring not less than 4 per cent. nor more than 6 per cent. upon the capital cost of the undertaking to Reserve Funds and carrying to the credit of the succeeding year such sum, not exceeding £10,000, as the Board thinks fit, shall be distributed amongst 28 constituent Metropolitan Councils in accordance with a scheme of distribution to be adopted by the Board. A sum of £30,000 was thus distributed for the period ending 30th June, 1920. Any sum received by a municipality in pursuance of this arrangement is to be applied only to such purposes as the Governor-in-Council shall approve.

In the event of there being a deficit arising from the operation of the tramways, the Board may meet same from Reserve Funds or levy a rate upon the rateable property of the metropolis.

Employees have the right of appeal against fines, dismissals, &c., to an Appeal Board consisting of three members, one representative each nominated by the Board and the employees, and a Chairman appointed by the Governor-in-Council, whose decision shall be final.

In April, 1920, an agreement was entered into between the Board and the Australian Tramway Employees Association by which the wages paid to its traffic employees were to be adjusted on 1st January and 1st July of each year until 1st January, 1922, according to the cost of living as certified to by the Commonwealth Statistician. The period over which the cost of living is to be calculated will be for the

twelve months immediately prior to the 1st January or 1st July as the case may be. Pursuant to this agreement an increase of 11d. per day was granted on 1st July, 1920, and a further amount, which is estimated at about 1s. 8d. per day, will be added as from 1st January, 1921.

In order to meet the largely increased cost of labor and materials the Board will shortly be compelled to raise its tramway fares. These have not so far been increased, notwithstanding that the cost of operation has greatly increased during the last ten years.

It was estimated that, when the Tramway Board formed under the *Tramway Board Act* 1915 ceased to exist on 31st October, 1919, the available accumulated funds lodged at the State Savings Bank would amount to about £827,000, which was to be transferred to the Consolidated Revenue to the credit of "The Melbourne and Metropolitan Municipal Loans Redemption Fund" and applied by the State Treasurer in reduction of the indebtedness of the various metropolitan municipalities to the Government under the Municipal Loans Extension Acts. The actual amount of the accumulated funds did not, however, reach the sum estimated, which necessitated further legislation to make up the shortage of £62,000. The whole of the £827,000 has now been paid to the aforementioned Fund.

**Melbourne and
Metropolitan
Tramways.**

The lines controlled by the Melbourne and Metropolitan Tramways Board have been grouped as follows:—

- (a) The "Cable System," *i.e.*, the Metropolitan Cable Tramways (43·677 miles of cable and ·625 of a mile horse-line, double track), and the Northcote Cable Tramway (2·25 miles, double track).
- (b) The "Eastern System," *i.e.*, the Prahran and Malvern Electric Tramways (31·013 miles double track, and 4·092 miles single track), and the Hawthorn Electric Tramways (6·822 miles double track, and 4·294 miles single track).
- (c) The "Northern System," *i.e.*, the Melbourne and Coburg Electric Tramways (5·253 miles double track, and 1·82 miles single track), and the Fitzroy and Preston Electric Tramways, which were opened for traffic on 1st April, 1920 (1·913 miles double track, and 3·909 miles single track).

An electric tramway has been constructed at Footscray, of which 5·209 miles single track will be operated as soon as current is available; this is expected about May, 1921.

In addition to the lines under the Board's control, there is the electric tramway of the North Melbourne Electric Tramways and Lighting Co. Ltd., which is 7·117 miles in length (3·922 double track, and 3·195 single) and extends from North Melbourne to Essendon.

The capital cost of the tramways vested in the Tramways Board amounted to £3,989,941 on 30th June, 1920, as follows:—Melbourne

Cable Tramways, £2,245,333; Prahran and Malvern, £930,945; Hawthorn, £317,330; Melbourne, Brunswick, and Coburg, £196,525; Fitzroy, Northcote, and Preston, £140,968; Footscray, £111,553; and the Northcote Cable Tramway, £47,287.

The length of tramway lines open for traffic on 30th June, 1920, in the metropolitan area (including the North Melbourne Electric Tramway) comprised 45·927 miles of cable lines, double track; 60·373 miles of electric lines, of which 48·923 were double, and 17·31 single track; and ·625 of a mile horse-line, double track. Particulars in relation to the traffic of the metropolitan tramways for each of the last five years are given in the following statement:—

MELBOURNE AND METROPOLITAN TRAMWAYS, 1915-16
TO 1919-20.

(Including North Melbourne Electric Tramway.)

Financial Year.	Miles of Track.	Tram Mileage.	Number of Passengers carried.	Traffic Receipts.	Working Expenses.	Number of Rolling-stock.	Number of Persons employed.
1915-16	{ 86·305 double 10·766 single }	15,545,542	126,892,885	£ 1,014,848	£ 609,002	1,172	2,756
1916-17	{ 89·928 double 13·067 single }	16,315,952	147,968,585	1,133,495	667,009	1,194	2,930
1917-18	{ 90·121 double 13·81 single }	18,113,776	163,992,345	1,247,435	759,490	1,252	3,137
1918-19	{ 93·575 double 13·452 single }	18,766,868	173,080,746	1,321,723	860,920	1,277	3,376
1919-20	{ 95·475 double 17·31 single }	19,253,929	197,708,685	1,501,381	1,050,707	1,315	3,997

The passenger revenue per tram mile of the metropolitan tramways for 1919-20 was 18·72d., and the average fare per passenger was 1·823d. The percentage of working expenses to traffic receipts for that year was 67·57 for the cable, and 76·35 for all the electric lines. The average distance which a passenger was allowed to travel for a fare of a penny on the tramways under the Board's control was 1·63 miles over the cable, and 1·44 miles over the electric system.

The average speed of the cable cars between termini, including stops, is 8·986 miles per hour, and the average speed of the ropes is 11·78 miles per hour. The cables are driven by steam power, generated at twelve engine-houses situated at various points upon the routes, and an average of over 5,000 horse-power is in daily use. The rolling-stock of the cable system consists of 1,125 dummies and trailers, which are housed at sixteen car depôts.

In 1919-20 the tram mileage of the Melbourne cable cars was 13,424,489, of the Royal Park horse-line cars 10,648, and of the Northcote cable cars 332,404; and the numbers of passengers carried by these cars were 133,378,390, 296,651, and 6,725,857 respectively.

The towns, other than the metropolis, having tramway systems are:—Ballarat, with 13·85 miles of electric lines (1·425 double, and 12·425 single track); Bendigo, with 8·113 miles of electric lines (1·8 double, and 6·313 single track); Geelong, with 4·9 miles of electric lines (.76 double and 4·14 single track); and Sorrento, with 1 mile of double-track steam tramway.

The traffic particulars of these lines for each of the last five years are summarized below:—

COUNTRY TRAMWAYS, 1915-16 TO 1919-20.

Financial Year.	Miles of Track.	Tram Mileage.	Number of Passengers carried.	Traffic Receipts.	Working Expenses.	Number of Rolling-stock.	Number of Persons employed.
1915-16	4·985 double 22·878 single	1,226,834	6,142,486	£ 60,801	£ 45,690	77	193
1916-17	4·985 double 22·878 single	1,190,301	6,088,900	57,833	43,767	74	199
1917-18	4·985 double 22·878 single	1,156,377	6,258,198	60,519	45,651	77	189
1918-19	4·985 double 22·878 single	1,135,139	6,324,726	62,483	47,874	77	187
1919-20	4·985 double 22·878 single	1,114,578	7,099,130	70,795	48,565	77	196

LICENSED VEHICLES.

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 contains details of vehicles and drivers licensed annually during the last five years:—

LICENSED VEHICLES IN MELBOURNE, 1915 TO 1919.

	1915.	1916.	1917.	1918.	1919.
<i>For Passenger Traffic.</i>					
Cabs (4 wheel)	577	527	515	458	464
„ (Hansoms)	211	178	173	149	166
Omnibuses	6	9	..	..	..
Tram Cars	432	407	434	443	458
„ Dummies	389	414	441	442	447
Motor Cars	212	232	182	173	337
„ Omnibuses	69	33	19	..	..
„ Chars-a-bancs .. ..	..	..	..	25	24
Total	1,896	1,800	1,764	1,690	1,896
<i>For Conveyance of Goods.</i>					
Drivers licensed	2,199	2,373	2,755	2,719	2,911

**Motor cars,
&c.**

The use of motor cars and motor cycles in Victoria is regulated by Act No. 2702, 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, 1919, the number of motor cars registered was 17,991, on which fees were fixed at the following annual rates :—152 at six guineas each, 1,375 at five guineas each, 11,597 at four guineas each, 3,458 at three guineas each, 1,198 at two guineas each, and 211 at one guinea each. On the same date, 11,363 motor cycles, which are subject to an annual fee of 5s. each, and 277 traction engines were registered. No person may drive a motor car or motor cycle upon any public highway without having been licensed for that purpose. On 31st December, 1919, the number of drivers of motor cars and motor cycles licensed by the Chief Commissioner was 34,236. There were also 64 dealers registered.
