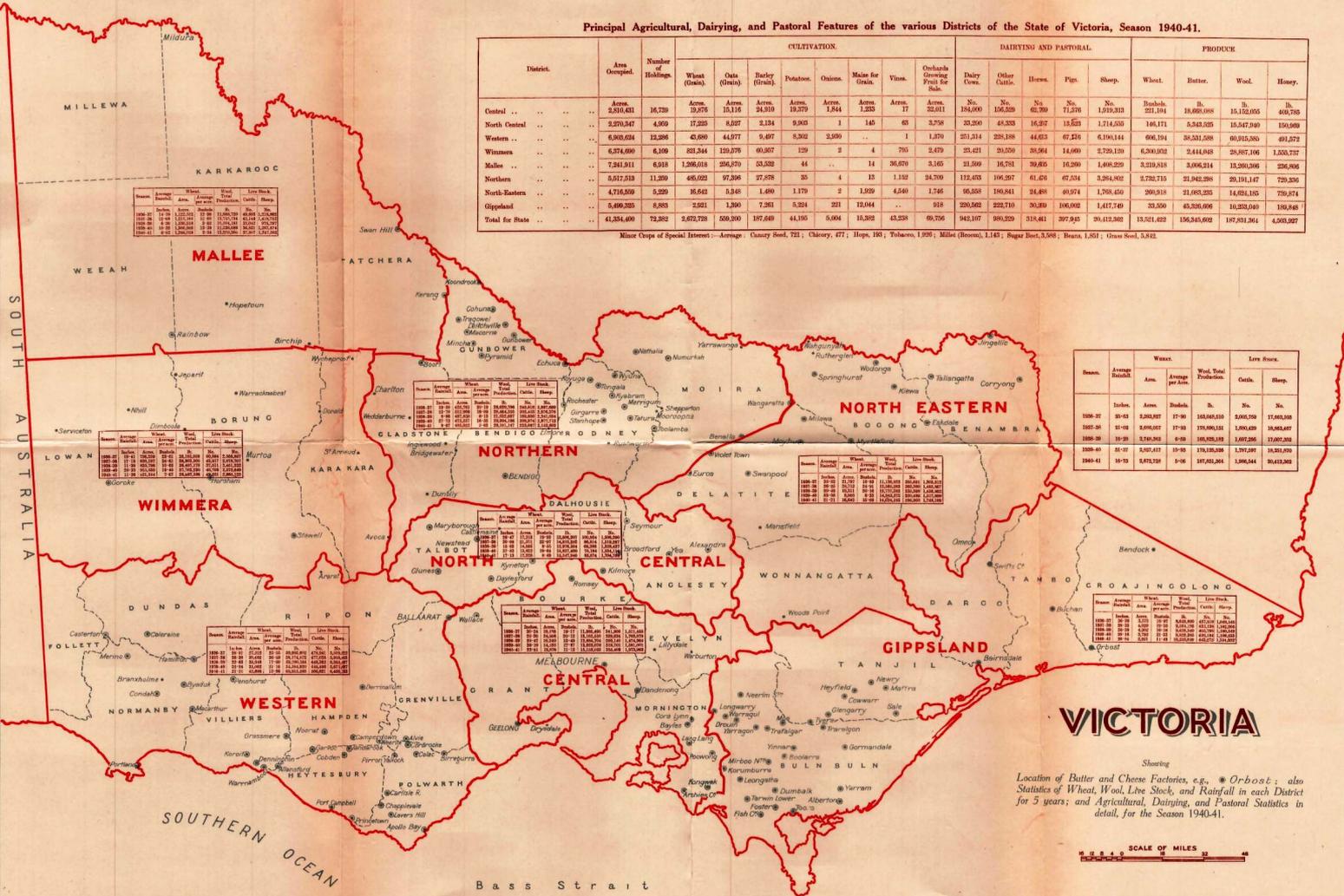


Principal Agricultural, Dairying, and Pastoral Features of the various Districts of the State of Victoria, Season 1940-41.

District.	Area Occupied.	Number of Holdings.	CULTIVATION.							DAIRYING AND PASTORAL.					PRODUCE.				
			Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.	Dairy Cows.	Other Cattle.	Hens.	Pigs.	Sheep.	Wheat.	Butter.	Wool.	Honey.
	Acres.		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	No.	No.	No.	No.	No.	Tons.	Lbs.	Lbs.	Lbs.	
Central .. .. .	2,201,421	16,739	39,676	19,316	24,910	19,379	2,864	1,233	22,011	184,600	156,029	62,299	71,376	1,019,313	251,194	18,082,098	15,152,005	400,770	
North Central .. .. .	2,270,847	4,060	17,235	8,207	2,124	2,903	1	145	63	3,278	33,290	48,333	16,237	15,525	1,714,553	146,171	5,262,225	15,547,840	150,689
Western .. .. .	6,903,634	12,296	45,680	44,077	9,497	8,302	2,859	1	1,470	551,214	228,128	44,613	67,376	6,190,144	606,194	26,241,598	69,515,265	611,272	
Wimmera .. .. .	6,374,660	6,100	231,244	129,375	30,287	129	2	4	750	24,421	21,050	39,964	14,600	14,960	2,729,120	8,300,932	2,444,638	29,897,396	1,524,727
Mallee .. .. .	7,241,911	6,918	1,206,618	256,375	53,282	44	14	36,679	3,475	21,269	16,781	39,616	15,669	1,408,229	3,219,818	3,068,214	13,290,336	226,266	
Northern .. .. .	5,617,253	11,269	485,622	97,268	27,278	35	4	15	1,132	24,700	112,423	166,297	61,476	67,374	3,284,962	3,722,715	21,942,288	29,124,127	729,256
North-Eastern .. .. .	4,719,589	5,229	16,642	5,548	1,480	1,179	2	1,929	4,560	1,746	95,268	180,941	34,488	40,054	1,708,450	299,918	31,983,225	14,624,135	779,274
Gippsland .. .. .	5,499,385	7,883	2,521	1,260	7,981	5,224	221	12,944	44	518	220,822	222,710	30,299	106,022	1,417,740	33,500	43,228,608	19,232,049	159,845
Total for State .. .. .	41,254,400	72,282	2,672,728	659,300	137,649	44,195	5,004	15,228	43,228	60,726	942,107	989,229	318,441	397,945	20,412,382	15,812,022	126,243,692	197,831,264	4,508,227

Minor Crops of Special Interest:—Average: Canary Seed, 721; Chicory, 677; Hops, 182; Tobacco, 1,059; Millet (Broom), 1,145; Sugar Beet, 3,193; Beans, 1,651; Green Seed, 3,822.



Season.	Area Occupied.	Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.
1939-40	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296
1940-41	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296

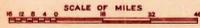
Season.	Area Occupied.	Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.
1939-40	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296
1940-41	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296

Season.	Area Occupied.	Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.
1939-40	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296
1940-41	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296

Season.	Area Occupied.	Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.
1939-40	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296
1940-41	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296	12,296

Season.	Average Rainfall.	Wheat (Acres)	Oats (Oreins)	Barley (Acres)	Potatoes.	Onions.	Males for Grain.	Vines.	Orchards Growing Fruit for Sale.
1939-40	19.4	2,000,227	17,481	1,048,550	2,900,599	17,685,504	17,685,504	17,685,504	17,685,504
1940-41	19.4	2,000,227	17,481	1,048,550	2,900,599	17,685,504	17,685,504	17,685,504	17,685,504

Location of Butter and Cheese Factories, e.g., \*Orbost; also Statistics of Wheat, Wool, Live Stock, and Rainfall in each District for 5 years; and Agricultural, Dairying, and Pastoral Statistics in detail, for the Season 1940-41.



## PART X.

## PRODUCTION.

## LAND AND SETTLEMENT.

The total area of the State is 56,245,760 acres. On 31st December, 1940, this comprised :—

	Acres.
Lands alienated in fee-simple .. ..	28,113,037
Lands in process of alienation .. ..	4,847,069
Crown lands .. ..	23,285,654
Total .. ..	56,245,760

The Crown lands comprise—

Permanent forests (under Forests Act) ..	4,141,925
Timber reserves (under Forests Act) ..	718,134
State Forests and Timber reserves (under Land Act) .. ..	330,027
Water reserves .. ..	314,261
Reserves for Agricultural Colleges, &c. ..	88,586
Reserves in the Mallee .. ..	410,000
Other reserves .. ..	486,125
Roads .. ..	1,794,218
Water frontages, beds of rivers, lakes, &c.; unsold land in cities, towns, and boroughs..	4,147,784
Land in occupation under—	
Perpetual leases .. ..	85,223
Other leases and licences .. ..	24,249
Temporary grazing licences .. ..	8,144,381
Unoccupied .. ..	2,600,741
Total .. ..	23,285,654

Alienation  
of land.

In the following table are shown the area of Crown lands sold absolutely and conditionally, and the area of lands alienated in fee-simple during the last six years.

A portion of the area conditionally sold reverts to the Crown each year in consequence of the non-fulfilment of conditions by the selectors. The lands alienated each year include areas selected in previous years.

VICTORIA—ALIENATION OF CROWN LANDS, 1935  
TO 1940.

Year.	Area of Crown Lands Sold.			Crown Lands alienated in Fee-simple.	
	Absolutely, at Auction, &c.	Conditionally to Selectors.	Total.	Area.	Purchase Money.
	Acres.	Acres.	Acres.	Acres.	£
1935 ..	4,545	44,324	48,869	288,443	199,339
1936 ..	5,290	34,440	39,730	108,011	88,937
1937 ..	5,472	51,636	57,108	115,572	153,350
1938 ..	7,882	64,003	71,885	231,318	214,420
1939 ..	3,577	46,063	49,640	359,144	175,025
1940 ..	4,028	36,512	40,540	350,722	215,008

Amount  
realized by  
sale of Crown  
lands.

From the period of the first settlement of the State to the end of 1940 the amount realized by the sale of Crown lands was £36,918,910. Payment of a considerable portion of this amount extended over a series of years without interest, upon very easy terms.

**Transfer of Land Act.** The "Torrens System", whereby persons acquiring possession of land may receive a clear title, was introduced into Victoria in 1862. The system has been the means of simplifying procedure in connexion with the transfer of land and thereby reducing the cost of dealing in real estate. It gives a title to the transferee free of any latent defect and the Crown grant issues through the Titles Office. In order to bring under the Transfer of Land Act land that was parted with prior to 1862 (5,142,921 acres), application must be made accompanied by strict proofs of the applicant's interest in the property.

During 1940 there were submitted 206 such applications in respect of land amounting in area to 3,673 acres, and in value to £447,679; while the land actually brought under the Act as a result of applications was 4,378 acres valued at £250,059. Up to the end of 1940 there had been brought under the Act 3,285,182 acres valued at £73,688,362. The area of the land still under the Old Law System at the end of 1940 was 1,857,139 acres. A summary of dealings under the Transfer of Land Acts will be found on page 200.

**Assurance Fund.** In granting an application to have land brought under the *Transfer of Land Act* 1928, the Commissioner of Titles is required to issue a perfect Title save as to any circumstances of which he has had notice. To assure and indemnify the Government in a case where the Supreme Court or some higher Tribunal has decided that some person other than the applicant has an interest in the property, and it has consequently been found necessary to compensate such other person, there has been constituted an Assurance Fund which is built up of contributions of  $\frac{1}{2}$ d. in the £ on the value of the land covered by the application. During 1940-41 receipts of the Fund comprised contributions, £2,167, and interest on stock, £3,269. No claims were made on the Fund during the year, but the sum of £5,095 was paid out in accordance with section 3 of the *Special Funds Act* 1920 to provide for the interest on loan moneys expended on University buildings. The balance at the credit of the Assurance Fund on 30th June, 1941, was £114,777. The amount paid up to 30th June, 1941, as compensation and for judgments recovered, including costs, was £11,317.

### CLOSER SETTLEMENT AND DISCHARGED SOLDIERS' SETTLEMENT.

The history of Closer Settlement and of Discharged Soldiers' Settlement in Victoria will be found in previous issues of the *Year-Book*.

**Dissolution of the Closer Settlement Commission.** The *Closer Settlement Act* 1938 which was passed in December, 1938, provided that the Closer Settlement Commission be dissolved and cease to exist, that the Board of Land and Works be deemed to be the successor in law of the Commission and that the Act be administered in the Department of Crown Lands and Survey.

### DESTRUCTION OF VERMIN AND NOXIOUS WEEDS.

**State expenditure on destruction of vermin and noxious weeds.** Active operations for the destruction of vermin and noxious weeds on Crown lands were first undertaken by the Government in 1880. Subsidies to Shire Councils for the destruction of wild animals are made from revenue, and advances to municipalities and farmers for the purchase of wire netting from Loan Funds. The following are the amounts spent during the last five years:—

#### VICTORIA—EXPENDITURE ON DESTRUCTION OF VERMIN AND NOXIOUS WEEDS, 1936-37 TO 1940-41.

Year.	From Revenue.	Wire Netting Advances from Loan Funds.
	£	£
1936-37 .. .. .	95,957	19,585
1937-38 .. .. .	92,935	14,235
1938-39 .. .. .	83,248	15,235
1939-40 .. .. .	79,477	12,325
1940-41 .. .. .	83,030	5,065

### WATERWORKS.

**State Expenditure on Waterworks.** All Victorian waterworks are controlled by official bodies, either State or local. The following table shows State expenditure on works under the control of the State Rivers and Water Supply Commission, as well as grants and loans to local bodies. In addition to free grants to local bodies, large sums have been written off their liabilities. The following information has been taken from the Annual Report of the State Rivers and Water Supply Commission.

VICTORIA—STATE EXPENDITURE AND LOAN LIABILITY  
ON WATERWORKS\* TO 30TH JUNE, 1941.

Description of Works.	Capital Expenditure to 30th June, 1941.	Loan Redemption Paid.	Loan Liability at 30th June, 1941.
	£	£	£
Free Headworks .. .. .	1,227,886	511	1,227,375
Capital Works and Charges not apportionable to Districts .. .. .	1,692,656	323,763	1,368,893
Headworks Costs apportioned to Districts ..	10,529,519	82,126	10,447,393
Irrigation and Water Supply Districts (exclusive of Headworks Costs) .. .. .	5,829,500	88,997	5,740,503
Urban Divisions of Irrigation Districts .. ..	63,655	1,508	62,147
Waterworks Districts (exclusive of Headworks Costs)	2,769,424	45,962	2,723,462
Urban Districts of Waterworks Districts (exclusive of Headworks Costs) .. .. .	2,477,532	35,791	2,441,741
Flood Protection and Drainage Districts ..	384,125	6,499	377,626
Waterworks Trusts and Local Governing Bodies ..	3,905,917	675,819	3,230,098
<b>TOTAL .. .. .</b>	<b>28,880,214</b>	<b>1,260,976</b>	<b>27,619,238†</b>

\* Excluding Melbourne and Metropolitan Board of Works, Geelong Waterworks and Sewerage Trust, and the Ballarat Water Commission, particulars of which appear in part "Local Government" of this issue.

† The net loan liability of the State after deducting the amount in the National Debt Sinking Fund (£1,559,569) was £26,059,669.

### IRRIGATION AND WATER SUPPLY DEVELOPMENT.

Prior to 1905 the management of irrigation in Victoria was in the hands of various Irrigation Trusts, which were financed by the State. These Trusts drifted into financial difficulties and the State was compelled to assume control.

In the year mentioned, the State Rivers and Water Supply Commission was constituted and entrusted with the management of all irrigation works, except those controlled by the First Mildura Trust. This authority is embodied in the *Water Act* 1928, which consolidates the Water Acts of 1915, 1916, and 1918, and the *Ballarat Water Commissioners Act* 1921.

The particulars in the following statement, while not covering the whole of the activities of the State Rivers and Water Supply Commission, furnish a general idea of the development of water conservation and distribution, and of drainage and flood protection in districts under its administration :—

Progress of  
Irrigation.

**VICTORIA—WATER CONSERVATION AND DISTRIBUTION :  
DRAINAGE AND FLOOD PROTECTION DISTRICTS.**

—	At 30th June, 1907.	At 30th June, 1941.
Area of State artificially supplied with water (acres)	10,800,000	15,142,000
Capacity of reservoirs .. (acre feet)	474,000	1,963,460
Irrigation Districts—		
Number of Districts administered ..	10	30
Number of Districts having Water Rights	Nil	26
Total of such Water Rights . (acre feet)	Nil	479,558
Area under Irrigated Culture .. (acres)	108,000	596,662
Valuation for Rating purposes .. (£)	196,000	889,834
Rural Waterworks Districts (Domestic and Stock Supply)—		
Number of Districts administered ..	3	27
Valuation for Rating purposes .. (£)	125,000	1,533,499
Urban Districts—		
Number of Districts administered ..	1	91
Valuation for Rating purposes .. (£)	5,600	745,707
Coliban System (Urban, Rural, Irrigation and Mining Supplies)—	At 30th June, 1910,	
Valuation for Urban Rating purposes (£)	317,750	411,724
Flood Protection Districts—		
Number of Districts administered ..	..	4
Drainage Districts—		
Number of Districts administered ..	..	11
Valuation for Rating purposes .. (£)	..	375,342

**PROGRESS IN IRRIGATION DEVELOPMENT.**

The area under irrigated culture for all kinds of crops has increased from 129,771 acres in 1909-10 to 596,662 acres in 1940-41.

**VICTORIA—LANDS UNDER IRRIGATED CULTURE 1940-41.**

District.	Area Irrigated.
	Acres.
Katandra .. .. .	6,486
North Shepparton .. .. .	13,159
Shepparton .. .. .	15,083
South Shepparton .. .. .	5,617
Rodney .. .. .	76,789
Tongala-Stanhope .. .. .	39,871
Rochester .. .. .	61,284
Dungee .. .. .	4,151
Calivil .. .. .	12,542
Tragowel Plains .. .. .	50,706
Deakin .. .. .	5,086
Boort .. .. .	24,741
Leitchville .. .. .	8,658

## VICTORIA—LANDS UNDER IRRIGATED CULTURE 1940-41—continued.

District.	Area Irrigated.
	Acres.
Cohuna .. .. .	42,913
Koondrook .. .. .	28,001
Swan Hill .. .. .	21,428
Third Lake .. .. .	3,199
Mystic Park .. .. .	3,540
Tresco .. .. .	1,048
Fish Point .. .. .	3,702
Kerang .. .. .	38,303
Murray Valley .. .. .	7,115
Dry Lake .. .. .	680
Kerang North-West Lakes .. .. .	6,065
Nyah .. .. .	2,983
Red Cliffs .. .. .	11,295
Merbein .. .. .	7,824
Coliban .. .. .	5,391
Campaspe .. .. .	668
Western Wimmera .. .. .	2,568
Wimmera United .. .. .	129
Bacchus Marsh .. .. .	3,270
Werribee .. .. .	8,578
Maffra-Sale .. .. .	22,039
Lands outside constituted Districts .. .. .	51,750
Total .. .. .	596,662

The subjoined table shows the total extent of irrigated land in the State in 1909-10 and in each of the five years, 1936-37 to 1940-41, and the purposes for which the land was utilized.

## VICTORIA—IRRIGATED AREAS: HOW UTILIZED.

Crop.	1909-10.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	acres.	acres.	acres.	acres.	acres.	acres.
Cereals .. .. .	23,715	38,328	65,466	84,379	33,207	53,499
Lucerne .. .. .	24,124	86,568	87,655	76,148	74,553	73,650
Sorghum and other annual fodders .. .. .	8,094	19,753	26,548	26,942	14,528	32,159
Pastures .. .. .	50,541	292,001	326,518	251,629	310,504	352,556
Vineyards and orchards .. .. .	17,524	66,526	66,417	65,137	72,969	72,403
Fallow .. .. .	4,988	8,093	7,342	5,126	5,417	} 12,395
Miscellaneous .. .. .	785	7,558	10,166	5,996	6,725	
Total .. .. .	129,771	518,827	590,112	515,357	517,903	596,662

NOTE.—8,000 acres, details of which are not available, were irrigated by private diversions in 1909-10, making a total area for that year of 137,771 acres.

Of the total area irrigated in 1940-41—596,663 acres—the percentages devoted to different purposes were as follow :—Pastures, 59 ; lucerne, 12 ; vineyards, orchards, and gardens, 12 ; cereals, 9 ; sorghum and other annual fodder crops, 6 ; fallows and miscellaneous, 2.

**Progress in  
Irrigation  
Areas,  
1940-41.**

Dairying is one of the principal industries in irrigation districts. Dairy herds grazed on irrigated pastures obtained prominent positions in the 1940-41 Standard Herd Test conducted by the Department of Agriculture.

The production of dried vine and tree fruits, of citrus, and of fruits for canning are established features in these districts. There has also been considerable expansion in market gardening and a development of the canning industry in relation thereto. The Victorian dried vine-fruit crop amounted to 47,971 tons. The production of citrus fruits in irrigation districts during the 1940-41 season amounted to 810,600 bushels—approximately 94 per cent. of the citrus production of the State.

The Victorian production of canned fruit in the season 1940-41 was 1,967,262 cases, which was approximately 72 per cent. of the Australian output in that season.

**Supply of  
water for  
domestic and  
stock purposes.**

Extensive schemes for the supply of water for domestic and stock purposes are under the control of the State Rivers and Water Supply Commission. Altogether, the area so supplied is approximately 23,659 square miles—about 27 per cent. of the total area of the State. The major portion of such area is in the Mallee and Wimmera districts.

The number of country centres supplied with water for domestic use is—126 by the Commission, 116 by Waterworks Trusts, and 16 by Local Government bodies.

The estimated population in country centres supplied with water is 473,900 persons.

### STORAGE AND SUPPLY SCHEMES

**Total Water  
Storages in  
State.**

In 1902 the total capacity of storages in the State was 172,000 acre feet. The present capacity is 1,963,460 acre feet. The Hume Reservoir, designed to contain 2,000,000 acre feet (half of which can, subject to the provisions of the River Murray Agreement, be credited to the State of Victoria) now has a capacity of 1,250,000 acre feet. When the final stage of this work has been constructed (involving a further approval of the interested State Governments), and the Rocklands, Glenmaggie and Lauriston Reservoirs are completed, the combined storage capacity available to users in Victoria will be 2,663,960 acre feet.

EXISTING STORAGES.

*Goulburn System—*

	Capacities in Acre Feet.
Goulburn Weir .. .. .	20,700
Waranga .. .. .	333,400
Eildon .. .. .	306,000

660,100

*Murray-Loddon System—*

Hume Reservoir (part of 2,000,000 acre feet—half share)	625,000
Yarrawonga Weir (half share of 95,120 acre feet) ..	47,560
Torrumbarry (half share of 28,900 acre feet) ..	14,450
Mildura (half share of 29,360 acre feet) ..	14,680
Wentworth (half share of 38,140 acre feet) ..	19,070
Euston Lock Weir (half share of 31,320 acre feet) ..	15,660
Kow Swamp .. .. .	40,860
Laanecoorie .. .. .	6,650
Kerang North-west Lakes .. .. .	69,400
Lake Boga .. .. .	29,650

882,980

*Wimmera-Mallee System—*

Fyans Lake .. .. .	17,100
Lake Lonsdale .. .. .	53,300
Wartook .. .. .	23,800
Taylor's Lake .. .. .	30,000
Pine Lake .. .. .	52,000
Green Lake .. .. .	6,600
Dock Lake .. .. .	4,800
Moorra .. .. .	5,100
Lower Wimmera Weirs .. .. .	2,870
Batyo Catyo (Avon Regulator) .. .. .	5,000
Lake Whitton .. .. .	1,300
Earthen Storages, Township Reservoirs, and Mallee Tanks	6,610

208,480

*Maffra-Sale System—*

Glenmaggie Reservoir (part of 150,000 acre feet) ..	104,500
Stratford Service Basin .. .. .	20

104,520

*Coliban System—*

Upper Coliban .. .. .	25,700
Malmsbury .. .. .	14,400
Spring Gully .. .. .	2,000
Subsidiary Reservoirs .. .. .	4,750

46,850

*Werribee System—*

Pykes Creek .. .. .	21,000
Melton .. .. .	19,100

40,100

## EXISTING STORAGES—continued.

	Capacities in Acre Feet.
<i>Bellarine Peninsula System—</i>	
Wurdee Boluc .. .. .	10,000
Service Basins .. .. .	760
	10,760
<i>Mornington Peninsula System—</i>	
Lysterfield .. .. .	3,400
Beaconsfield .. .. .	740
Frankston .. .. .	660
Mornington .. .. .	260
Bittern .. .. .	480
Service Basins .. .. .	260
	5,800
<i>Otway System—</i>	
Service Reservoirs .. .. .	1,080
<i>Miscellaneous—</i>	
Eppalock .. .. .	1,200
Wonthaggi .. .. .	1,550
Wonthaggi Service Basins .. .. .	10
Newstead .. .. .	30
	2,790
Total capacity of existing Storages .. .. .	1,963,460

ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF  
CONSTRUCTION.

<i>Wimmera-Mallee System—</i>	
Rocklands .. .. .	264,000
<i>Coliban System—</i>	
Lauriston .. .. .	16,000

FURTHER STORAGE WHICH COULD BE PROVIDED BY COMPLETION OF  
EXISTING WORKS.

<i>Maffra-Sale System—</i>	
Glenmaggie Reservoir (balance of 150,000 acre feet) ..	45,500
<i>Murray System—</i>	
Hume Reservoir, at junction with Mitta River (half share of balance of 2,000,000 acre feet) .. .. .	375,000
	420,500
Total capacity of storages when works are completed ..	2,663,960

Detailed descriptions of the various systems which have been instituted for irrigation and for supplying water for domestic and stock purposes appear in the *Year-Book* for 1928-29 (pp. 526 to 534).

## METEOROLOGY.

Particulars in regard to climate and weather conditions have been furnished by the Commonwealth Meteorologist, and are given in the following tables. In the first are shown the rainfall for each district and for the whole State for each of the years 1901 to 1941, together with the mean rainfall covering a period of 71 years.

**Meteorological  
Records.**

VICTORIA RAINFALL—YEARLY RECORDS AND AVERAGES.

Year.	Districts.								Whole State.
	Mallee.	Wimmera.	North-ern.	North-Central.	North-Eastern.	Western.	Central.	Gipps-land.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	
1901 ..	9.39	16.61	13.58	24.78	28.08	27.90	28.98	33.66	22.05
1902 ..	7.64	11.94	11.26	18.41	20.10	23.54	24.88	33.35	18.55
1903 ..	16.34	22.76	22.22	32.07	33.13	33.43	32.86	33.68	27.44
1904 ..	10.75	17.22	17.82	28.00	33.56	28.54	31.29	30.02	23.49
1905 ..	12.01	18.40	16.39	25.36	31.72	28.79	29.61	37.84	24.53
1906 ..	15.22	23.42	24.16	32.00	42.11	32.53	30.13	34.81	28.49
1907 ..	9.25	17.07	14.74	22.42	26.19	26.16	25.36	27.20	20.40
1908 ..	12.33	17.72	14.38	19.98	26.40	25.81	20.08	24.29	20.02
1909 ..	14.35	22.38	20.04	29.77	35.62	31.37	30.57	34.09	26.52
1910 ..	15.96	22.36	20.13	29.13	32.10	32.45	28.28	30.80	25.96
1911 ..	17.84	19.89	19.87	29.79	33.24	31.13	36.88	39.71	28.08
1912 ..	12.50	17.52	18.12	23.00	30.93	25.94	24.92	26.60	21.86
1913 ..	12.66	16.38	16.76	24.22	29.69	25.85	27.64	34.65	22.96
1914 ..	7.29	9.76	9.73	14.95	19.94	18.56	20.05	23.81	14.66
1915 ..	12.42	18.98	16.75	25.65	34.17	27.44	24.67	27.63	22.35
1916 ..	17.72	22.54	25.60	34.44	44.01	30.72	38.78	37.78	30.27
1917 ..	19.55	21.96	26.34	35.86	56.09	31.70	32.41	34.63	30.77
1918 ..	13.59	16.44	21.96	28.30	36.96	25.70	30.11	33.39	24.70
1919 ..	11.46	13.86	15.06	21.21	27.27	26.47	25.48	37.03	22.77
1920 ..	14.93	16.04	20.15	28.37	34.42	25.99	31.38	33.37	25.43
1921 ..	16.29	19.99	23.69	31.75	39.57	27.36	31.13	31.73	25.35
1922 ..	10.44	17.15	13.15	20.85	26.10	28.09	27.82	32.92	21.35
1923 ..	15.07	20.21	17.60	27.30	34.80	33.51	30.11	33.88	26.12
1924 ..	16.08	22.17	23.29	34.74	40.70	31.13	40.30	37.37	28.10
1925 ..	9.87	14.20	14.09	20.28	27.42	22.43	23.12	29.69	19.74
1926 ..	12.64	17.00	16.85	24.25	35.36	26.70	24.20	29.72	22.90
1927 ..	7.66	13.93	11.14	18.67	26.15	23.20	22.16	28.43	18.56
1928 ..	14.04	19.10	21.27	29.56	37.21	30.46	29.86	33.98	26.14
1929 ..	9.10	15.56	13.65	24.20	27.24	29.28	31.13	32.36	22.00
1930 ..	15.32	20.94	19.68	30.59	32.49	29.43	30.85	33.66	25.76
1931 ..	14.86	19.25	21.77	31.20	43.18	28.79	32.88	32.65	26.97
1932 ..	14.96	18.90	20.60	29.63	34.33	31.85	32.91	34.19	26.34
1933 ..	14.13	20.96	20.25	31.09	32.09	26.87	27.56	30.65	24.47
1934 ..	13.21	16.64	21.01	28.57	42.81	29.20	35.60	43.39	27.60
1935 ..	10.84	17.71	19.53	29.14	35.86	30.49	34.23	42.53	26.63
1936 ..	14.39	19.41	19.50	28.47	35.52	26.91	30.24	36.38	25.63
1937 ..	12.69	17.19	13.70	20.08	26.25	26.39	25.20	28.33	21.02
1938 ..	6.30	11.39	8.66	15.62	20.49	22.63	20.47	26.39	16.28
1939 ..	15.32	20.33	27.72	37.83	53.05	32.94	38.10	38.16	31.37
1940 ..	6.82	11.26	9.67	17.13	21.21	21.51	22.81	26.94	16.73
1941 ..	12.23	20.14	17.31	25.39	30.41	29.73	31.53	33.13	24.29
Means for 71 years	13.14	18.40	18.50	26.95	33.41	28.16	29.73	34.36	24.60

The wettest portions of the State are the Eastern highlands (from the Yarra watershed to the Upper Murray), the Cape Otway Forest in the Western District and the South Gippsland, Latrobe and Thomson Basin sections of the Gippsland District. The lightest rainfall occurs in the Mallee District, the northern portion of which receives on the average from 10 to 12 inches only per year.

The averages of the climatic elements for the seasons in Melbourne deduced from all available official records are given in the following table.

## AVERAGES OF CLIMATIC ELEMENTS IN MELBOURNE.

Meteorological Elements.	Spring.	Summer.	Autumn.	Winter.
Mean pressure of air in inches ..	29·974	29·920	30·080	30·078
Monthly range of pressure of air—Inches ..	·886	·765	·813	·975
Mean temperature of air in shade—°Fahr.	57·8	66·6	59·4	50·0
Mean daily range of temperature of air in shade—°Fahr. ..	18·7	21·1	17·4	14·0
Mean relative humidity. Saturation=100 ..	65	60	69	75
Mean rainfall in inches ..	7·19	5·98	6·55	5·85
Mean number of days of rain ..	38	25	33	43
Mean amount of spontaneous evaporation in inches ..	10·25	17·22	7·97	3·74
Mean daily amount of cloudiness—Scale 0 to 10 ..	6·0	5·2	5·9	6·4
Mean number of days of fog ..	1	1	7	12

In the subjoined statement are shown the yearly averages of the climatic elements in Melbourne for 1940 and for the last 85 years, as well as the extremes between which the yearly average values of such elements have oscillated in the latter period.

## YEARLY AVERAGES AND EXTREMES OF CLIMATIC ELEMENTS IN MELBOURNE.

Meteorological Elements.	Yearly Averages and Extremes.			
	Year 1940.	Average for 85 years.	Extremes between which the Yearly Average Values have oscillated in 84 years.	
			Highest.	Lowest.
Mean atmospheric pressure (inches) ..	30·058	30·013	30·106	29·945
Highest .. .. .	30·571	30·606	30·770	30·405
Lowest .. .. .	29·307	29·251	29·495	28·942
Range (inches) .. .. .	1·264	1·358	1·719	1·074
Mean temperature of air in shade (°Fahr.) .. .. .	59·1	58·5	59·9	57·3
Mean daily maximum .. (°Fahr.) ..	69·2	67·4	69·4	65·4
Mean daily minimum .. .. .	49·0	49·6	51·2	47·2
Absolute maximum .. .. .	107·0	105·0	114·1	96·6
Absolute minimum .. .. .	31·0	30·9	34·2	27·0
Mean daily range .. .. .	20·2	17·8	20·4	15·0
Absolute annual range .. .. .	76·0	74·1	84·1	66·0
Solar Radiation (mean maxima) .. .. .	111·4	116·8	127·6	105·6
Terrestrial Radiation (mean minima) .. .. .	43·4	43·9	46·8	39·5
Rainfall (in inches) .. .. .	19·83	25·57	38·04	15·61
Number of wet days .. .. .	126	140	187	102
Year's amount of free evaporation (in inches) .. .. .	44·37	39·18	45·66	31·59
Percentage of humidity (saturation =100) .. .. .	58	67	76	58
Cloudiness (scale 10 = overcast, 0 = clear) .. .. .	5·7	5·9	6·4	4·8
Number of days of fog .. .. .	13	21	50	5

An estimate of the areas of the State, in square miles, subject to different degrees of rainfall is contained in the following statement :—

VICTORIA—DISTRIBUTION OF AVERAGE RAINFALL.

Rainfall.						Area.
Inches.						Square Miles.
Under 15 ..	..	..	..	..	..	18,701
15 to 20 ..	..	..	..	..	..	13,800
20 to 25 ..	..	..	..	..	..	13,551
25 to 30 ..	..	..	..	..	..	14,528
30 to 40 ..	..	..	..	..	..	15,802
40 to 50 ..	..	..	..	..	..	6,671
50 to 60 ..	..	..	..	..	..	2,660
Over 60 ..	..	..	..	..	..	2,171

AGRICULTURAL RESEARCH AND EDUCATION.

**Department of Agriculture.** This Department is controlled by a Minister of the Crown, under whom there is a staff of experts with the Director of Agriculture as permanent head. These officers are actively engaged in supervising all matters relating to the primary industries of the State, and in giving advice to those engaged therein. The Department publishes a monthly journal.

**Government Experimental Farms.** Research and experimental work are conducted at the State Research Farm at Werribee, the Mallee Research Station at Walpeup, the Horticultural Research Station at Tatura, the Rutherglen State Farm, the Longerenong Agricultural College, the Dookie Agricultural College, and at the School of Primary Agriculture, Burnley. In addition, there are 130 selected farms throughout the State on which experiments and demonstrations are conducted (including 80 pasture plots conducted in conjunction with the Victorian Pasture Improvement League).

At the State Research Farm, Werribee, experiments are undertaken for the improvement of wheat and other cereals, grasses, clovers, and various economic plants, and investigations made into the methods and problems relating to irrigated agriculture, and the breeding and feeding of dairy cattle, horses, sheep and poultry. A School of Dairy Technology has been established for the higher training of dairy factory operatives and research and investigation into problems arising in the manufacture of dairy produce.

Work at the Rutherglen Farm, which serves as a research station for the North-East, includes various aspects of cereal growing and pasture improvement. It was here that the initial experiments were conducted (1911-1918) which resulted in the widespread adoption of the topdressing of pastures with phosphates. The Mallee Research Station was established in 1932. In addition to cereal and grazing investigations, an important feature of the work at this station is research concerning various grasses with the view to producing a pasture which will thrive under Mallee conditions. Special attention is being paid to the problem of sand drift. At Longerenong and Dookie, experiments are conducted on wheat and oat cultivation for Wimmera and north-eastern conditions respectively. At the School of Primary Agriculture, Burnley, in addition to instruction in, and study of, horticultural problems, research work on the breeding and selection of grasses and clovers is carried on; a Plant Research Laboratory mainly devoted to plant pathological and entomological research has also been established.

The Horticultural Research Station at Tatura was recently established as a research centre for the purpose of improving varieties of fruits. Officers are now engaged in the study of irrigation and soil fertility in the Goulburn Valley in relation to the production of canning fruits.

The work at the Government experimental plots on selected farms embraces investigations into pasture improvement, grazing trials, and the cultivation of wheat, oats, barley, potatoes, tobacco, maize, broom millet, and vegetables.

The pasture experiments are largely responsible for advances made in pasture improvement throughout Victoria. During the season 1940-41, 3,305,382 acres were topdressed and resulted in an estimated increase in carrying capacity of about 50 per cent. above pastures not similarly treated.

**Agricultural Colleges.** An Act for the establishment of Agricultural Colleges was passed in 1884, and 14,458 acres, comprising 5,955 acres at Dookie; 2,386 acres at Longerenong; 2,500 acres at Gunyah Gunyah; 2,800 acres at Olangolah, and 817 acres at Bullarto, were reserved as sites for colleges and experimental farms. The areas at Dookie and Longerenong are being used for the purpose for which they were reserved, but the other three are devoted to other uses. The fee for students in residence at the agricultural colleges is £50 per annum for maintenance. No charge is made for instruction. Accommodation is provided at Dookie for 100 and at Longerenong for 50 students.

**Inspection of Orchards, Nurseries, &c.** The orchards, nurseries, and gardens of the State are systematically inspected by officers of the Horticultural Division of the Department of Agriculture. Advice is given on the control of pests and diseases when detected, and action is taken where necessary to enforce compliance therewith.

All plant material entering Victoria, whether from other Australian States or overseas, is subject to strict inspection and measures are taken when necessary either to free such material of disease or have it destroyed.

**Melbourne University School of Agriculture.** Melbourne University has a well-equipped School of Agriculture, for the maintenance of which a special grant is provided by the State. This School affords opportunity for the training of students in science as applied to practical agriculture and kindred industries. A large number of graduates of this school is employed, mostly in the Victorian Department of Agriculture, on field advisory work and laboratory investigations. The course occupies four years. The first is devoted to pure science; during the second the students are in residence at the State Research Farm, Werribee, engaged in practical farming with lectures on preparatory subjects, and the remaining two years are devoted to a more specialized study of agriculture and allied subjects on a scientific basis.

**Commonwealth Council of Scientific and Industrial Research** One of the principal functions of the Council is to initiate and carry out scientific researches in connexion with primary and secondary industries. The main branches of the work of the Council are in relation to plant, soil and entomological problems, animal nutrition and diseases,

forest products, food preservation and transport, and fisheries. In addition, facilities are now available to the Council to enable it to extend its activities to the field of the secondary industries. In this work, attention will first be given to the establishment of—(i) an Information Section, (ii) a National Standards Laboratory, (iii) an Aeronautical Laboratory (in which engineering research other than that required by the aeronautical industry could be undertaken), and (iv) the development of laboratories for general secondary industry research.

State Committees have been formed whose main function is to advise the Council as to matters that may affect their respective States.

The headquarters of the Council are located at 314 Albert-street, East Melbourne. Two of the Council's Divisions—the Division of Forest Products and the Division of Animal Health and Nutrition—also have their headquarters in Victoria. Researches into timber seasoning, preservation, identification, mechanics, physics, chemistry, and general utilization are carried out by the former Division. The Victorian work of the Division of Animal Health and Nutrition is concentrated mainly on problems of cattle diseases, e.g., pleuropneumonia, mastitis, and bovine haematuria.

At Merbein a station has been established for the purpose of conducting research into the problems associated with the dried vine-cruits industry.

## AGRICULTURE.

**Progress of cultivation.** In all divisions of the State there are areas suitable for cultivation. The area cultivated in 1940-41 was 6,354,609 acres, as compared with 7,379,767 acres in the previous season, and an annual average of 7,179,443 acres for the seasons 1936-40, 7,862,470 acres for the seasons 1931-35, 7,616,031 acres for the seasons 1925-30, 6,446,389 acres for the seasons 1915-25, 5,032,359 acres for the seasons 1905-15, and 3,547,111 acres for the seasons 1895-1905. Notwithstanding the large increase in the area cultivated since 1915, there has been considerable growth in the dairying and pastoral industries.

The following table shows the area under cultivation from period to period during the last 86 years :—

VICTORIA—ACREAGE CULTIVATED ANNUALLY, 1855 TO 1941.

Period or Year (ended March).	Annual average area in each quinquennium, 1855 to 1925, and actual area each year 1926-1941, under—		
	Crop.	Fallow.	Total Cultivation.
	acres.	acres.	acres.
1855-65 .. .. .	325,676	12,146	337,822
1865-75 .. .. .	624,377	57,274	681,651
1875-85 .. .. .	1,306,920	137,536	1,444,456
1885-95 .. .. .	2,109,326	364,282	2,473,608
1895-1905 .. .. .	3,022,914	524,197	3,547,111
1905-15 .. .. .	3,756,211	1,276,148	5,032,359
1915-25 .. .. .	4,594,244	1,852,145	6,446,389
1926 .. .. .	4,433,492	2,457,136	6,890,628
1927 .. .. .	4,735,173	2,569,021	7,304,194
1928 .. .. .	4,942,258	2,692,044	7,634,302
1929 .. .. .	5,505,651	2,683,462	8,189,113
1930 .. .. .	5,579,258	2,482,662	8,061,920
1931 .. .. .	6,715,660	2,590,629	9,306,289
1932 .. .. .	5,407,109	2,145,819	7,552,928
1933 .. .. .	5,115,745	2,633,287	7,749,032
1934 .. .. .	5,266,913	2,543,043	7,809,956
1935 .. .. .	4,677,683	2,216,464	6,894,147
1936 .. .. .	4,438,761	2,358,777	6,797,538
1937 .. .. .	4,407,312	2,483,163	6,890,475
1938 .. .. .	4,662,354	2,604,556	7,266,910
1939 .. .. .	5,019,299	2,543,225	7,562,524
1940 .. .. .	5,002,362	2,377,405	7,379,767
1941 .. .. .	4,467,191	1,887,418	6,354,609



It will be seen from these tables that the proportion of cultivation to land occupied is much larger in the Wimmera, Mallee, and Northern than in other districts. Of the occupied land in each of these districts, 30 per cent. in the Wimmera, 34 per cent. in the Mallee, and 19 per cent. in the Northern districts were used for agriculture in 1940-41. In that year the area cultivated in these three districts was nearly 85 per cent. of the total cultivation in Victoria. In the North-Central, Western, and North-Eastern districts, the land occupied is largely devoted to grazing. Gippsland, Western, and Central are the chief dairying districts, and contain 80 per cent. of the sown pastures of the State.

**Size of holdings and how utilized, 1925, 1929, 1934, and 1938.** To illustrate the uses to which the land was applied in 1925, 1929, 1934, and 1938, information relating to holdings of different sizes of privately-owned land and Crown land held in conjunction therewith, appears in tables given on pages 436 to 438 of the 1938-39 issue of the *Year-Book*.

The number of holdings of privately-owned land of over 10,000 acres was 104 in 1938, 97 in 1934, 105 in 1929, 104 in 1925, 152 in 1919, 151 in 1913, 175 in 1910, and 195 in 1906, and the aggregate areas comprised therein in the corresponding years were 1,684,969 acres, 1,562,013 acres, 1,587,345 acres, 1,576,942 acres, 2,638,307 acres, 2,652,966 acres, 3,298,227 acres, and 4,134,067 acres. The reduction in the period of thirty-two years between 1906 and 1938 was equivalent to 47 per cent. in the number, and 62 per cent. in the acreage of such estates. Most of this reduction took place between the years 1906 and 1913, and 1919 and 1925, the periods of active Closer Settlement and of Soldier Settlement respectively.

**Principal Crops (Area, Production, and Average Yield).** The principal crops grown in the State are wheat, oats, barley, potatoes, and hay. The following table shows, in respect of these products, the annual average area, production, and yield per acre during each decennium, 1855 to 1935, and the actual area, production and yield per acre for each of the five seasons, 1937-1941.

### VICTORIA—ACREAGE, PRODUCTION, AND AVERAGE YIELD OF FIVE PRINCIPAL CROPS, 1855 TO 1941.

Period or Season.	Wheat.*	Oats.*	Barley.*	Potatoes.	Hay.
<b>ANNUAL AREA.</b>					
	Acres.	Acres.	Acres.	Acres.	Acres.
1855-65 ..	119,001	83,296	4,843	24,123	80,117
1865-75 ..	278,077	129,384	19,262	36,744	117,393
1875-85 ..	776,031	147,343	41,188	39,089	226,775
1885-95 ..	1,236,501	210,901	64,310	48,009	437,087
1895-1905 ..	1,898,280	340,957	52,829	45,243	540,472
1905-15 ..	2,190,336	390,642	60,378	56,272	848,587
1915-25 ..	2,633,945	428,372	84,205	61,195	1,122,978
1925-35 ..	3,268,656	445,987	88,358	65,677	1,057,905
1936-37 ..	2,393,827	381,069	100,003	45,627	1,181,612
1937-38 ..	2,686,057	394,436	139,777	41,105	1,079,039
1938-39 ..	2,748,362	657,999	175,891	34,396	1,104,558
1939-40 ..	2,827,417	439,555	204,239	32,177	1,204,810
1940-41 ..	2,762,728	559,200	187,649	44,195	672,955
<b>ANNUAL PRODUCTION.</b>					
	Bushels.	Bushels.	Bushels.	Tons.	Tons.
1855-65 ..	2,198,874	2,068,648	103,575	62,723	111,806
1865-75 ..	4,385,814	2,636,747	390,337	111,800	153,852
1875-85 ..	8,593,308	3,297,468	799,938	135,614	276,771
1885-95 ..	12,268,905	4,649,393	1,187,007	170,905	547,092
1895-1905 ..	14,032,145	6,649,453	947,580	134,357	672,982
1905-15 ..	22,906,743	7,342,468	1,243,442	158,445	1,084,726
1915-25 ..	39,171,358	7,965,864	1,923,654	169,864	1,511,298
1925-35 ..	38,661,077	5,696,134	1,772,099	167,965	1,242,808
1936-37 ..	42,844,816	6,107,885	2,143,109	196,623	1,403,049
1937-38 ..	48,173,191	5,327,199	2,708,519	134,712	1,244,935
1938-39 ..	18,104,369	2,909,260	1,671,809	81,415	892,975
1939-40 ..	45,054,592	8,280,602	3,738,113	87,931	1,820,878
1940-41 ..	13,521,422	2,624,298	1,186,979	216,568	580,237
<b>AVERAGE ANNUAL YIELD PER ACRE.</b>					
	Bushels.	Bushels.	Bushels.	Tons.	Tons.
1855-65 ..	18·48	24·83	21·39	2·60	1·40
1865-75 ..	15·77	20·38	20·27	3·04	1·31
1875-85 ..	11·07	22·38	19·42	3·47	1·22
1885-95 ..	9·92	22·05	18·46	3·56	1·21
1895-1905 ..	7·39	19·50	17·94	2·97	1·25
1905-15 ..	10·46	18·79	20·59	2·82	1·28
1915-25 ..	14·87	18·60	22·84	2·78	1·35
1925-35 ..	11·83	12·77	20·06	2·56	1·17
1936-37 ..	17·90	16·03	21·43	4·31	1·19
1937-38 ..	17·93	13·51	19·38	3·28	1·15
1938-39 ..	6·59	4·42	9·50	2·37	0·81
1939-40 ..	15·93	18·84	18·30	2·73	1·51
1940-41 ..	5·06	4·69	6·33	4·90	0·86

\* For grain.

**Growers of certain crops: season 1940-41.**

The following table shows the number of growers of certain primary products, in each statistical district of the State, for the season 1940-41.

The information has no relation to the number of rural holdings in the State as, in some instances, particularly tobacco, portions of holdings are leased by occupiers to others. On the other hand numbers of occupiers engage in the cultivation of more than one of the crops stated.

VICTORIA—GROWERS OF CERTAIN CROPS—SEASON 1940-41.

Crops Grown.	Growers in each Statistical District.								State Total.
	Central.	North-Central.	Western.	Wimmera.	Mallee.	Northern.	North-Eastern.	Gippsland.	
	No.	No.	No.	No.	No.	No.	No.	No.	No.
<b>Grain Crops—</b>									
Wheat ..	445	372	655	3,818	3,691	3,907	380	76	13,344
Oats ..	483	363	916	2,057	2,186	2,215	328	48	8,596
Barley ..	707	127	467	887	572	1,058	137	282	4,237
Maize ..	93	11	..	1	3	4	209	661	982
<b>Root Crops—</b>									
Potatoes ..	2,495	724	1,849	39	7	18	369	1,635	7,136
Onions ..	486	1	399	2	..	4	2	30	924
Sugar Beet ..	..	..	..	..	..	..	..	187	187
<b>Other—</b>									
Orchards ..	2,720	276	276	311	906	1,205	327	200	6,221
Vineyards ..	5	8	1	76	2,039	176	93	..	2,398
Maize (Green Fodder) ..	1,964	140	381	34	21	92	113	2,124	4,869
Grass Seed ..	8	39	101	2	..	3	3	27	183
Broom Millet ..	..	..	..	..	8	34	35	..	77
Chicory ..	91	..	..	..	..	..	..	..	91
Tobacco ..	..	..	..	1	..	16	101	2	120

Area Cultivated  
1940-41.

A summary of the area under cultivation in each County

## VICTORIA—AREA UNDER CULTIVATION

Districts and Counties.	Grain Crops.					Potatoes.	Onions.	Hay (Wheaten, Oaten, Lucerne, Grass, etc.).
	Wheat.	Oats.	Barley.	Maize.	Peas.			
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
<b>Central District—</b>								
Bourke .. .. .	5,250	8,063	3,744	..	361	3,565	636	42,211
Grant .. .. .	14,504	6,950	20,810	209	2,220	7,227	1,050	38,380
Mornington .. .. .	76	26	189	1,019	286	5,552	158	22,448
Evelyn .. .. .	46	77	167	5	..	3,035	..	5,444
<b>North Central District—</b>								
Anglesey .. .. .	457	197	53	145	47	625	..	4,448
Dalhousie .. .. .	782	946	197	..	86	2,635	1	7,717
Talbot .. .. .	15,986	7,384	1,884	..	283	6,643	..	31,087
<b>Western District—</b>								
Grenville .. .. .	9,371	7,679	3,481	..	893	734	1,167	18,780
Polwarth .. .. .	40	939	719	..	535	1,619	836	7,694
Heytesbury .. .. .	30	5	237	..	56	333	6	10,726
Hampden .. .. .	8,305	6,284	1,698	..	..	139	78	16,349
Ripon .. .. .	22,813	17,499	1,233	..	42	675	..	18,189
Villiers .. .. .	774	3,268	745	..	547	3,821	842	16,295
Normanby .. .. .	305	1,081	894	..	902	755	..	16,347
Dundas .. .. .	1,926	7,586	430	..	207	65	..	19,409
Follett .. .. .	116	636	60	..	..	161	1	1,883
<b>Wimmera District—</b>								
Lowan .. .. .	208,231	51,733	24,924	..	3	1	1	42,363
Borong .. .. .	472,532	48,028	31,844	4	31	101	1	49,766
Kara Kara .. .. .	140,581	29,815	4,189	..	17	27	..	16,198
<b>Mallee District—</b>								
Millewa .. .. .	101,491	18,370	60	..	..	..	..	766
Weeah .. .. .	166,617	27,146	12,095	..	..	..	..	14,713
Karkaroc .. .. .	611,663	135,795	36,591	6	10	37	..	33,840
Tatchera .. .. .	386,247	75,559	4,786	8	..	7	..	32,045
<b>Northern District—</b>								
Gunbower .. .. .	22,195	5,043	6,526	..	..	4	..	14,974
Gladstone .. .. .	111,128	33,467	5,243	..	..	8	1	8,014
Bendigo .. .. .	97,406	20,934	3,296	7	..	9	2	13,837
Rodney .. .. .	53,898	12,202	10,283	..	..	2	1	25,655
Moira .. .. .	200,395	25,750	2,530	6	45	12	..	42,243
<b>North-Eastern District—</b>								
Delatite .. .. .	1,599	1,985	499	964	123	762	..	17,499
Bogong .. .. .	14,912	3,230	630	641	42	376	2	21,159
Benambra .. .. .	131	133	309	181	8	22	..	4,549
Wonnangatta .. .. .	..	..	42	143	39	19	..	327
<b>Gippsland District—</b>								
Croajingolong .. .. .	..	..	1	2,065	234	63	..	1,135
Tambo .. .. .	26	..	88	2,217	341	97	3	1,416
Dargo .. .. .	46	126	295	2,792	60	105	..	1,551
Tanjil .. .. .	2,723	1,186	5,861	4,798	114	173	1	15,537
Buln Buln .. .. .	126	78	1,016	171	284	4,786*	217	37,961
<b>Total for State ..</b>	<b>2,672,728</b>	<b>559,200</b>	<b>187,649</b>	<b>15,382</b>	<b>7,816</b>	<b>44,195</b>	<b>5,004</b>	<b>672,955</b>

of the State for the season 1940-41 is given in the following table :—

FOR THE SEASON 1940-41.

Green Forage.	Grass and Clover for Seed.	Tobacco.	Vines.	Market Gardens.	Orchards.	All Other Crops.	Total Area under Crops.	Land in Fallow.	Total Area under Cultivation.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
5,676	28	..	..	7,118	10,950	2,954	90,556	21,636	112,192
5,937	..	..	16	2,343	1,585	954	102,185	22,390	124,575
14,962	290	..	..	4,518	12,063	3,200	64,787	9,188	73,975
1,430	..	..	1	2,043	7,413	538	20,199	1,642	21,841
771	..	..	..	61	38	26	6,868	1,248	8,116
1,630	180	..	37	27	39	174	14,451	403	14,854
2,994	1,491	..	26	27	3,281	1,008	72,094	14,268	86,362
979	145	..	1	30	305	330	43,895	4,703	48,598
2,645	359	..	..	212	195	1,004	16,797	1,040	17,837
1,510	10	..	..	6	39	96	13,054	1,448	14,502
985	368	..	..	53	20	385	34,664	4,029	38,693
540	64	..	..	13	10	429	61,507	8,911	70,418
2,293	396	..	..	82	16	799	29,878	2,315	32,193
3,347	238	..	..	278	724	1,220	26,091	3,108	29,199
1,581	1,933	..	..	34	12	2,036	35,219	6,207	41,426
1,647	..	..	..	..	49	44	4,597	629	5,226
862	52	..	30	9	334	506	329,049	202,547	531,596
3,764	..	6	719	272	1,778	127	608,973	443,131	1,052,104
107	..	..	46	..	367	15	191,362	112,669	304,031
30	..	..	63	9	29	55	120,873	36,243	157,116
209	..	..	..	..	..	423	221,203	137,915	359,118
854	..	..	29,524	216	1,686	529	850,751	367,348	1,218,099
7,016	..	..	7,083	112	1,450	516	514,829	212,241	727,070
18,730	..	139	16	198	1,054	790	69,669	16,335	86,004
2,009	..	..	16	87	267	15	160,255	62,134	222,389
3,000	78	1	66	504	2,384	18	141,542	47,183	188,725
4,710	..	..	326	434	11,267	7	118,785	28,847	147,632
3,357	..	124	728	1,217	9,737	274	286,418	94,592	381,010
3,059	37	671	71	35	551	859	28,714	3,237	31,951
1,069	..	975	4,469	103	1,163	1,210	49,981	8,706	58,687
546	..	..	..	6	27	103	6,005	271	6,276
64	..	..	..	23	5	25	687	50	737
477	..	..	..	198	21	596	4,790	175	4,965
857	..	..	..	476	75	806	6,402	302	6,704
1,542	..	..	..	581	132	1,005	8,235	411	8,646
10,975	10	10	..	369	193	4,039	45,990	4,093	50,083
18,584	163	..	..	461	497	1,492	65,836	5,823	71,659
130,738	5,842	1,926	43,238	22,155	69,756	28,607	4,467,191	1,887,418	6,354,609

**Yields of  
Principal Crops.**

The table which follows shows the yields, in Counties,

**VICTORIA—YIELDS OF PRINCIPAL**

Districts and Counties.	Grain Crops.					Potatoes.
	Wheat.	Oats.	Barley.	Maize.	Peas.	
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Tons.
<b>Central District—</b>						
Bourke .. ..	71,028	193,022	64,246	..	5,037	14,148
Grant .. ..	147,706	117,150	275,721	1,900	23,865	39,034
Mornington .. ..	1,723	452	4,583	36,102	5,505	28,124
Evelyn .. ..	647	1,947	2,908	18	..	14,467
<b>North Central District—</b>						
Anglesey .. ..	8,513	2,165	460	4,010	1,068	3,881
Dalhousie .. ..	10,644	23,032	2,706	..	1,102	10,889
Talbot .. ..	127,014	96,324	44,441	..	4,210	36,724
<b>Western District—</b>						
Grenville .. ..	108,217	123,224	28,780	..	3,280	3,225
Polwarth .. ..	625	13,765	10,767	..	10,961	7,533
Heytesbury .. ..	256	106	4,100	..	921	1,473
Hampden .. ..	119,298	105,284	27,269	..	..	715
Ripon .. ..	332,363	313,897	19,505	..	731	3,708
Villiers .. ..	10,452	75,860	20,273	..	12,078	16,375
Normanby .. ..	4,526	24,916	18,767	..	8,801	2,867
Dundas .. ..	28,554	95,269	4,293	..	3,314	286
Follett .. ..	1,903	7,836	1,085	..	..	626
<b>Wimmera District—</b>						
Lowan .. ..	2,916,443	443,505	184,152	..	F	2
Borung .. ..	3,000,038	102,439	35,726	60	95	495
Kara Kara .. ..	384,471	77,148	4,822	..	150	92
<b>Mallee District—</b>						
Millewa .. ..	42,660	4,349	F	..	..	..
Weeah .. ..	884,982	69,248	45,777	..	..	..
Karkaroc .. ..	1,671,293	119,615	63,578	100	92	99
Tatchera .. ..	620,883	33,534	11,903	380	..	21
<b>Northern District—</b>						
Gunbower .. ..	28,390	15,868	61,844	..	..	11
Gladstone .. ..	269,092	55,087	9,141	..	..	21
Bendigo .. ..	381,540	78,671	10,265	140	..	27
Rodney .. ..	252,988	61,395	57,169	..	..	9
Motra .. ..	1,800,705	252,864	25,532	263	520	56
<b>North-Eastern District—</b>						
Delatite .. ..	28,880	46,532	8,041	32,495	1,150	3,827
Bogong .. ..	229,863	54,728	9,884	25,554	569	2,311
Benambra .. ..	2,175	2,967	3,892	8,200	138	96
Wonnangatta .. ..	..	..	1,015	3,990	343	66
<b>Gippsland District—</b>						
Croajingalong .. ..	..	..	6	112,005	4,676	166
Tambo .. ..	403	..	1,434	111,363	6,380	343
Dargo .. ..	640	1,548	4,677	127,359	1,047	523
Tanjil .. ..	30,701	9,578	99,806	234,535	2,454	808
Buln Buln .. ..	1,806	973	18,411	4,482	6,496	23,520
<b>Total for State ..</b>	<b>13,521,422</b>	<b>2,624,298</b>	<b>1,186,979</b>	<b>702,956</b>	<b>104,992</b>	<b>216,568</b>

NOTE.—The letter "F" signifies that the crop was a failure.

of the principal crops for the season, 1940-41.

CROPS FOR THE SEASON, 1940-41.

Onions.	Hay (Wheaten, Oaten, Lucerne, Grass, etc.).	Grass and Clover for Seed.	Tobacco.	Wine Made.	Dried Vine-Fruits.		
					Raisins.	Sultanas.	Currants.
Tons.	Tons.	Bushels.	cwt.	Gallons.	cwt.	cwt.	cwt.
3,682	47,943	100	..	1,208,452	..	..	..
3,087	36,534	..	..		..	..	..
1,016	29,113	817	..		..	..	..
..	8,109	..	..		..	..	..
..	6,125	..	..		..	..	..
1	9,554	1,576	..		..	..	..
..	32,150	5,897	..		..	..	..
5,252	14,718	192	..		..	..	..
4,682	9,152	1,751	..		..	..	..
30	13,582	44	..		..	..	..
555	17,429	1,538	..		..	..	..
..	16,847	370	..		..	..	..
4,698	20,734	2,009	..		..	..	..
..	19,012	3,439	..		..	..	..
..	18,505	27,032	..		..	..	..
2	2,124	..	..	..	..	..	
1	32,652	180	..	..	..	84	
1	15,311	..	11	..	161	68	
..	4,999	..	..	..	..	..	
..	143	..	..	..	51	620	
..	5,331	..	..	..	..	249	
..	3,173	..	..	..	100,201	600,204	
..	8,278	..	..	..	14,860	110,523	
..	13,226	..	946	..	..	..	
2	2,649	..	..	..	..	..	
F	8,936	365	2	..	..	15	
4	19,602	..	..	..	..	110	
..	32,666	..	529	..	25	67	
..	22,011	502	4,330	..	..	..	
4	24,405	..	4,804	..	..	..	
..	6,735	..	..	..	..	..	
..	517	..	..	..	..	..	
..	2,335	..	..	..	..	..	
10	2,063	..	..	..	..	..	
..	2,068	..	..	..	..	..	
4	19,089	90	67	..	..	..	
1,973	52,417	971	..	..	..	..	
25,004	580,237	46,963	10,689	1,208,452	115,137	711,700	132,580

NOTE.—The letter "F" signifies that the crop was a failure.

The following table shows the area under, the yield from, and the gross value of each of the principal crops in Victoria for the season 1940-41.

VICTORIA—AREA, YIELD, AND GROSS VALUE OF CROPS, 1940-41.

Crop.	Area.	Yield.	Gross Value.*
	Acres.		£
Wheat .. ..	2,672,728	13,521,422 bushels	2,877,141†
Oats .. ..	559,200	2,624,298 "	459,252
Barley—			
Malting (2 row) ..	161,733	955,454 "	209,460
Other (6 row) ..	25,916	231,525 "	44,858
Maize .. ..	13,382	702,956 "	140,091
Rye .. ..	1,888	13,070 "	3,268
Hay—			
Wheaten .. ..	96,852	79,772 tons	299,478
Oaten .. ..	464,192	348,891 "	1,359,449
Lucerne, &c. ..	30,443	47,925 "	235,713
Other (Grass) ..	81,468	103,649 "	316,628
Straw .. ..		27,327 "	74,808
Grass Seed ..	5,842	46,963 bushels	23,873
Canary Seed ..	721	3,726 "	1,981
Beans for grain ..	1,851	26,037 "	39,380
Peas for grain ..	7,816	104,992 "	47,246
Green Fodder ..	130,738		339,020
Potatoes .. ..	44,195	216,568 tons	958,313
Onions .. ..	5,004	25,004 "	350,056
Sugar Beet .. ..	3,588	27,031 "	59,468
		of beet valued at factory at £59,468 (sugar extracted amounting to 3,279 tons)	
Turnips, Beet, &c., for fodder	826	4,651 to	23,255
Mangolds .. ..	485	6,572 "	10,187
Tobacco .. ..	1,926	10,689 cwt.	135,757
Hops .. ..	193	2,064 "	24,075
Broom Millet ..	1,143	{ 5,365 " seed	2,188
Chicory .. ..		{ 5,941 " fibre	11,935
Flax .. ..	477	777 tons	41,695
Orchards—	(Included in other crops)		
Productive .. ..	55,341		2,022,117
Unproductive ..	14,415		
Grapes—			
Table .. ..	1,408	4,256 tons	68,094
Wine .. ..	6,178	7,717 " valued at winery at £54,117; wine made amounting to 1,208,452 gallons	54,117
Drying .. ..	33,394	191,344 tons producing—	
		35,585 tons of sultanas ..	1,598,168
		5,757 tons of raisins ..	320,714
		6,629 tons of currants ..	251,019
Vines, Unproductive ..	2,258		
Market Gardens ..	22,155		1,218,525
Pumpkins .. ..	2,013		52,724
Other Crops .. ..	15,422		298,724
Total Crops .. ..	4,467,191		13,972,777

\* The gross value is based on the wholesale price realized in the principal markets. The places where primary products are absorbed locally or where they become raw material for a secondary industry are presumed to be the principal markets.

† Includes amount allocated from—Flour Tax .. .. £155,644  
Drought and Special Relief £330,000

## THE GRAIN ELEVATOR SYSTEM FOR THE BULK HANDLING OF WHEAT IN VICTORIA.

The *Grain Elevator Act* 1934 provided for the handling of grain in bulk, for wheat within defined areas to be delivered to elevators, and for the constitution of the Grain Elevators Board. It also empowered the Board to borrow money to the extent that the money owing at any one time shall not exceed £2,000,000. Amending legislation passed in 1940 increased the borrowing powers to £2,500,000.

The bulk handling scheme, which will be completed in two sections and is estimated to cost £2,482,387, provides for the erection, at country railway stations, of 139 elevators with individual capacities of various sizes ranging from 65,000 to 300,000 bushels. These will serve terminal elevators at Geelong and Williamstown of 4,050,000 bushels and 2,600,000 bushels capacity respectively. The terminals are designed to receive wheat from railway trucks at the rate of 20,000 bushels per hour and to load into ships at 64,000 bushels per hour. When the whole system is completed the storage capacity will amount to approximately 25,000,000 bushels.

The Geelong section of the scheme, which embraces the western portion of the State bounded on the east by the Melbourne-Mildura railway line, came into operation at the beginning of the 1939-40 season when 48 country elevators, the Geelong terminal elevator and 6 leased Mill silos were opened for the receipt of wheat in bulk. The receipts for the 1940-41 season amounted to 5,607,844 bushels.

All the 78 country elevators serving the Geelong terminal have been completed. These elevators have a storage capacity of 9,170,000 bushels and, together with the 7 leased Mill silos of 1,128,000 bushels capacity and the Geelong terminal, will provide, in this section, total storage for 14,348,000 bushels.

Construction of 61 elevators at country stations included in the Williamstown section of the scheme is well advanced, 43 of the elevators being either completed or nearing completion. At the Williamstown terminal, the construction of the foundations has been completed. Tenders for the construction of the superstructure have been received but the acceptance of any tender has been deferred.

**Wheat  
growing in  
counties.**

The principal wheat-growing areas are in the Wimmera, Mallee, and Northern districts. In the season 1940-41 these districts were responsible for 90 per cent. of the total wheat production of the State. Although other districts provide only small proportions of the total area, they are not to be regarded as unsuitable for wheat growing, as their average yield per acre is usually greater than in the areas mentioned. The yield in 1940-41 was 13,521,422 bushels, or an average yield per acre of 5·06 bushels (the lowest obtained since the season 1914-15, when the average was only 1·38 bushels) in comparison with an average of 15·93 bushels in 1939-40 and an average of 6·59 bushels in 1938-39. The area sown and the production of wheat for grain in different counties for each of the three seasons, 1939-41, are shown in the following table:—

**VICTORIA—WHEAT AREAS AND YIELDS IN COUNTIES  
FOR THE THREE SEASONS, 1939-1941.**

Districts and Counties.	Year ended March.								
	Area.			Produce.			Average per Acre.		
	1939.	1940.	1941.	1939.	1940.	1941.	1939.	1940.	1941.
	acres.	acres.	acres.	bushels.	bushels.	bushels.	bush.	bush.	bush.
<b>Central—</b>									
Bourke ..	4,471	2,690	5,250	57,780	40,367	71,028	12·92	15·01	13·53
Grant ..	11,496	11,196	14,504	155,686	210,961	147,706	13·54	18·84	10·18
Mornington ..	216	269	76	4,548	1,661	1,723	21·06	6·17	22·67
Evelyn ..	57	..	46	1,096	..	647	19·23	..	14·07
Total ..	16,240	14,155	19,876	219,110	252,989	221,104	13·49	17·87	11·12
<b>North-Central—</b>									
Anglesey ..	490	593	457	4,914	10,438	8,513	10·03	17·60	18·63
Dalhousie ..	829	1,055	782	10,654	17,966	10,644	12·85	17·03	13·61
Talbot ..	13,276	12,174	15,986	109,178	243,015	127,014	8·22	19·96	7·95
Total ..	14,595	13,822	17,225	124,746	271,419	146,171	8·55	19·64	8·49
<b>Western—</b>									
Grenville ..	4,945	4,923	9,371	76,832	101,252	108,217	15·54	20·57	11·55
Polwarth ..	31	..	40	379	..	625	12·23	..	15·62
Heytesbury ..	..	20	30	..	614	256	..	30·70	8·53
Hampden ..	6,157	6,229	8,305	105,615	128,968	119,298	17·15	20·70	14·36
Ripon ..	19,504	18,054	22,813	373,788	394,261	332,363	19·16	21·84	14·57
Villiers ..	1,054	575	774	17,703	9,624	10,452	16·80	16·74	13·50
Normanby ..	552	244	305	10,100	4,829	4,526	18·30	17·74	14·84
Dundas ..	1,480	876	1,926	22,408	14,171	28,554	15·14	16·18	14·83
Follett ..	225	141	116	3,919	2,054	1,903	17·42	14·57	16·41
Total ..	33,948	31,062	43,680	610,744	655,273	606,194	17·99	21·10	13·88
<b>Wimmera—</b>									
Lowan ..	201,592	221,781	208,231	2,507,471	4,447,328	2,916,443	12·44	20·05	14·01
Borong ..	483,262	526,950	472,532	5,115,822	9,488,833	3,000,038	10·59	18·01	6·35
Kara Kara ..	150,944	166,804	140,581	1,265,036	3,822,334	384,471	8·38	22·91	2·73
Total ..	835,798	915,535	821,344	8,888,329	17,758,495	6,300,952	10·63	19·40	7·67

VICTORIA—WHEAT AREAS AND YIELDS IN COUNTIES FOR THE THREE SEASONS, 1939-1941—*continued.*

Districts and Counties.	Year ended March.								
	Area.			Produce.			Average per Acre.		
	1939.	1940.	1941.	1939.	1940.	1941.	1939.	1940.	1941.
	acres.	acres.	acres.	bushels.	bushels.	bushels.	bush.	bush.	bush.
Mallee—									
Millewa ..	101,892	104,182	101,491	97,080	958,399	42,660	95	9'20	0'42
Weeah ..	168,513	159,422	166,617	1,157,026	1,229,081	884,982	6'87	7'71	5'31
Karkaroc ..	670,920	686,356	611,663	2,609,725	8,873,666	1,671,293	3'89	12'03	2'73
Tatchera ..	394,993	416,549	386,247	972,394	7,093,060	620,883	2'46	17'93	1'61
Total ..	1,336,318	1,366,509	1,266,018	4,836,225	18,154,206	3,219,818	3'62	13'29	2'54
Northern—									
Gunbower ..	21,273	23,274	22,195	41,372	422,260	28,390	1'94	18'14	1'28
Gladstone ..	109,604	115,522	111,128	678,518	2,316,705	269,092	6'19	20'05	2'42
Bendigo ..	93,515	96,345	97,406	314,308	1,778,463	381,540	3'36	18'46	3'92
Rodney ..	66,843	50,917	53,898	242,118	880,949	252,988	3'62	17'30	4'69
Moira ..	196,615	187,479	200,395	1,714,029	2,425,978	1,800,705	8'72	12'94	8'99
Total ..	487,850	473,537	485,022	2,990,345	7,824,355	2,732,715	6'13	16'52	5'63
North-Eastern—									
Delatite ..	2,469	1,158	1,599	56,068	9,925	28,880	22'71	8'57	18'06
Bogong ..	16,755	7,685	14,912	331,771	44,150	229,863	19'80	5'74	15'41
Benambra ..	87	162	131	1,527	2,907	2,175	17'55	17'94	16'60
Wonnangatta ..	..	..	..	..	..	..	..	..	..
Total ..	19,311	9,005	..	389,366	56,982	..	20'16	6'33	15'68
Gippsland—									
Croajingolong ..	5	..	..	47	..	..	9'40	..	..
Tambo ..	17	41	26	157	727	403	9'24	17'73	15'50
Dargo ..	55	52	46	1,061	786	640	19'29	15'12	13'91
Tanjil ..	3,930	3,245	2,723	41,316	69,809	30,701	10'51	21'51	11'27
Bulu Bulu ..	295	454	126	2,923	9,551	1,806	9'91	21'04	14'33
Total ..	4,302	3,792	2,921	45,504	80,873	33,550	10'58	21'33	11'49
Total (State)	2,748,362	2,827,417	2,672,728	18,104,369	45,054,592	13,521,422	6'59	15'93	5'06

The production of wheat in the other Australian States in 1940-41 was as follows:—New South Wales, 23,933,100 bushels; South Australia, 17,856,118 bushels; Western Australia, 21,060,000 bushels; Queensland, 5,687,350 bushels; and Tasmania, 140,375 bushels. The total production for the Commonwealth was 82,233,324 bushels.

**Monthly Rainfall and Average Yields of Wheat 1930 to 1941.** In the following table the average yield per acre in each of the main wheat growing counties for the years 1930 to 1941 is shown in conjunction with the approximate mean rainfall recorded each month. The rainfall during the growing season is shown separately to indicate its effect on wheat production. While the table is useful as a general reference in respect of the relationship of wheat yields to rainfall, it should be remembered that temperatures, winds, and other factors such as the extent to which fallowing, rotational cropping, and fertilizing are practised have also considerable effect on average yields, as do also the varieties of wheat used.

VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE YEARS 1930 TO 1941.

County and Year.	Approximate Mean Rainfall each Month.											Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.			
	Jan.	Feb.	Mar.	April.	May.	Wheat-growing Months.									Dec.		
	Points.	Points.	Points.	Points.	Points.	June.	July.	Aug.	Sept.	Oct.	Nov.				Points.		
<b>Lowan—</b>																	
1930 .. ..	1	117	20	139	98	31	303	294	218	253	147	462	2,083	1,246	19.16		
1931 .. ..	44	4	94	222	256	364	226	233	167	25	79	29	1,743	1,094	16.15		
1932 .. ..	1	263	186	248	105	258	232	126	146	58	83	1,938	1,052	17.59			
1933 .. ..	137	2	82	135	367	104	92	194	286	82	337	225	2,043	1,095	17.01		
1934 .. ..	36	37	39	203	5	79	149	190	229	362	267	38	1,634	1,276	15.35		
1935 .. ..	64	10	167	129	158	232	288	237	239	92	97	72	1,785	1,185	20.12		
1936 .. ..	161	11	68	42	157	287	401	260	98	220	34	265	2,004	1,300	22.01		
1937 .. ..	226	87	114	55	155	93	107	256	205	152	43	247	1,740	856	23.92		
1938 .. ..	119	152	33	236	27	212	189	88	78	27	80	20	1,261	674	12.44		
1939 .. ..	161	123	28	187	201	194	122	389	126	115	253	50	1,949	1,199	20.05		
1940 .. ..	85	16	30	257	115	67	200	82	92	72	177	109	1,302	690	14.01		
1941 .. ..	436	29	223	171	56	174	317	117	313	146	77	41	2,100	1,144	21.13		
<b>Borong—</b>																	
1930 .. ..	1	106	23	99	150	41	263	290	124	367	147	475	2,086	1,232	13.74		
1931 .. ..	40	5	179	291	249	432	162	155	145	31	196	60	1,945	1,121	16.44		
1932 .. ..	1	245	197	291	105	199	211	231	97	144	67	80	1,868	949	21.63		
1933 .. ..	178	71	127	281	113	188	186	270	87	219	299	2,019	1,063	20.78			
1934 .. ..	55	95	20	168	5	50	172	171	171	360	345	32	1,644	1,269	17.60		
1935 .. ..	36	26	118	147	92	144	299	201	281	136	48	71	1,599	1,109	23.29		
1936 .. ..	224	5	45	29	215	190	471	219	55	180	28	268	1,929	1,143	24.41		
1937 .. ..	193	99	87	21	114	123	77	187	145	291	42	278	1,662	870	25.67		
1938 .. ..	168	89	13	132	38	183	211	62	42	15	59	7	1,019	572	10.59		
1939 .. ..	97	208	12	261	267	172	120	308	95	76	273	25	1,914	1,044	18.01		
1940 .. ..	69	9	15	236	70	38	147	50	88	48	145	97	1,012	516	6.35		
1941 .. ..	343	28	180	126	44	218	259	103	322	165	133	45	1,966	1,200	23.46		
<b>Kara Kara—</b>																	
1930 .. ..	1	131	31	79	191	56	250	283	116	372	97	546	2,153	1,174	10.35		
1931 .. ..	23	8	218	246	303	461	191	144	160	34	210	35	2,033	1,200	13.45		
1932 .. ..	1	189	256	346	98	242	222	294	94	120	56	89	2,007	1,028	18.17		
1933 .. ..	160	53	132	261	120	277	175	245	104	295	424	2,246	1,216	19.25			
1934 .. ..	66	159	20	163	1	51	206	187	167	395	307	50	1,772	1,313	15.53		
1935 .. ..	76	43	113	212	98	142	377	189	294	226	37	71	1,878	1,265	25.08		
1936 .. ..	227	3	21	46	151	168	500	252	47	199	36	269	1,919	1,202	23.14		
1937 .. ..	222	95	42	19	129	98	76	229	135	332	26	258	1,661	896	21.99		
1938 .. ..	132	86	13	123	28	225	201	68	37	16	55	4	988	602	8.38		
1939 .. ..	93	293	32	518	279	191	118	323	107	88	280	25	2,347	1,107	22.91		
1940 .. ..	83	12	16	197	42	49	157	43	135	47	81	84	946	512	2.73		
1941 .. ..	306	34	167	90	33	189	265	155	326	192	176	49	1,982	1,303	24.13		

VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE YEARS 1930 TO 1941—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.
	Wheat-growing Months.														
	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.
Millewa—															
1930 .. ..	15	47	115	39	142	4	129	209	74	259	68	208	1,309	817	11'06
1931 .. ..	25	2	128	202	150	287	92	61	154	69	106	30	1,306	813	8'32
1932 .. ..	17	220	131	110	151	233	98	215	59	45	22	81	1,382	801	12'05
1933 .. ..	153	1	19	21	114	23	121	144	143	59	213	142	1,153	604	5'76
1934 .. ..	57	61	56	48	..	31	71	63	84	289	146	29	935	538	1'23
1935 .. ..	51	5	74	110	40	62	100	71	121	130	4	59	827	524	3'23
1936 .. ..	426	16	43	58	114	64	245	55	19	74	12	162	1,288	571	7'20
1937 .. ..	196	10	47	30	71	185	68	191	36	163	30	127	1,154	714	9'67
1938 .. ..	122	37	2	63	34	26	186	45	5	29	10	..	559	325	..95
1939 .. ..	6	367	37	34	126	118	69	154	67	87	259	..	1,325	621	9'20
1940 .. ..	34	7	4	131	22	10	64	34	89	22	54	34	505	241	..42
1941 .. ..	284	9	49	10	18	154	140	101	90	157	92	35	1,139	660	9'28
Weeah—															
1930 .. ..	1	39	29	56	158	16	181	181	73	359	76	332	1,501	968	10'10
1931 .. ..	28	..	96	151	180	280	90	105	181	39	100	20	1,270	875	9'84
1932 .. ..	7	292	139	143	104	192	148	200	64	80	15	88	1,472	788	9'36
1933 .. ..	141	..	45	48	192	33	122	147	150	68	127	185	1,258	712	8'36
1934 .. ..	69	64	34	95	..	31	105	105	114	323	191	32	1,163	678	6'52
1935 .. ..	26	2	67	98	72	121	142	114	138	183	31	52	1,046	770	10'03
1936 .. ..	431	11	50	64	101	122	334	95	24	160	18	207	1,617	836	11'08
1937 .. ..	139	43	101	11	63	135	92	211	63	215	36	196	1,305	779	12'75
1938 .. ..	123	85	..	158	6	85	189	57	10	7	44	8	772	354	6'87
1939 .. ..	32	214	6	103	119	131	77	187	36	27	221	5	1,158	577	7'71
1940 .. ..	45	17	12	246	35	13	84	40	118	25	62	72	769	315	5'31
1941 .. ..	275	12	100	51	23	225	171	64	198	194	82	32	1,427	875	13'80
Karkaroo—															
1930 .. ..	5	22	44	31	188	11	142	172	59	317	79	370	1,440	889	8'06
1931 .. ..	26	2	163	255	230	324	110	51	152	62	90	4	1,469	929	9'37
1932 .. ..	5	259	137	157	97	205	125	186	80	64	16	84	1,415	757	10'30
1933 .. ..	117	..	27	33	154	40	200	134	148	66	168	252	1,339	742	8'96
1934 .. ..	41	144	46	100	1	41	111	78	100	305	214	16	1,197	636	5'75
1935 .. ..	38	9	70	93	46	107	136	74	145	173	18	69	978	681	9'65
1936 .. ..	315	4	23	54	120	132	329	93	25	128	11	186	1,420	827	13'26
1937 .. ..	179	36	55	12	83	175	62	179	41	285	26	176	1,309	825	13'97
1938 .. ..	102	49	4	60	20	78	175	61	6	25	17	1	598	365	3'89
1939 .. ..	24	375	34	135	169	149	85	173	59	45	234	2	1,484	680	12'93
1940 .. ..	48	15	8	151	26	11	67	34	153	16	74	55	658	307	2'73
1941 .. ..	239	15	73	23	21	139	159	64	163	162	117	39	1,214	708	12'90

*Production.*

VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE YEARS 1930 TO 1941—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.
	Wheat-growing Months.										Nov.	Dec.			
	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.					
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.	
<b>Tatchera—</b>															
1930 .. .. .	1	35	56	27	186	20	144	140	76	319	76	527	1,616	894	7.79
1931 .. .. .	43	1	176	294	315	319	97	37	139	69	86	2	1,578	976	10.23
1932 .. .. .	1	250	167	243	97	185	160	222	111	69	29	89	1,623	844	13.02
1933 .. .. .	121	1	37	29	153	97	235	138	181	84	119	316	1,511	888	11.25
1934 .. .. .	47	226	40	135	..	43	120	116	89	323	266	29	1,434	691	6.42
1935 .. .. .	73	59	60	150	41	90	194	66	202	287	29	41	1,292	880	12.39
1936 .. .. .	210	10	6	43	138	144	393	113	25	142	8	189	1,421	955	15.44
1937 .. .. .	156	43	14	11	82	128	46	148	38	302	11	91	1,070	744	11.32
1938 .. .. .	100	49	1	42	17	117	165	68	5	15	13	1	593	387	2.46
1939 .. .. .	19	394	34	165	247	154	99	178	87	54	220	4	1,655	819	17.03
1940 .. .. .	48	15	11	130	15	22	84	40	187	9	62	28	651	357	1.61
1941 .. .. .	211	19	69	13	27	77	175	62	168	137	120	32	1,110	646	8.42
<b>Gunbower—</b>															
1930 .. .. .	..	15	94	27	211	37	182	160	79	262	64	617	1,698	881	7.74
1931 .. .. .	48	1	172	290	237	297	104	45	108	96	106	..	1,504	887	11.84
1932 .. .. .	1	199	213	254	123	200	195	229	84	94	67	97	1,756	925	14.48
1933 .. .. .	91	..	72	30	157	183	236	199	193	109	186	286	1,742	1,077	14.82
1934 .. .. .	110	261	51	153	..	54	149	166	83	314	261	51	1,653	766	8.59
1935 .. .. .	87	121	68	190	69	109	250	89	240	254	30	79	1,586	1,011	17.45
1936 .. .. .	168	24	12	83	121	164	431	162	38	158	16	271	1,648	1,074	16.37
1937 .. .. .	138	46	5	44	89	95	44	158	77	215	11	79	1,001	678	10.79
1938 .. .. .	104	66	1	39	17	157	184	60	9	6	27	1	671	433	1.94
1939 .. .. .	12	400	85	200	192	176	105	203	96	94	235	8	1,806	866	18.14
1940 .. .. .	35	10	14	155	10	29	112	36	199	18	76	62	756	404	1.28
1941 .. .. .	300	13	95	12	35	98	236	58	158	123	69	22	1,219	708	12.42
<b>Gladstone—</b>															
1930 .. .. .	..	91	100	59	282	46	204	229	95	338	106	622	2,172	1,194	13.94
1931 .. .. .	37	5	198	305	367	427	169	108	164	32	237	28	2,077	1,267	9.91
1932 .. .. .	2	186	291	364	127	222	222	283	109	106	60	91	2,063	1,069	14.99
1933 .. .. .	153	..	44	103	226	145	315	200	236	105	259	419	2,205	1,227	17.01
1934 .. .. .	79	188	22	173	..	60	223	156	142	416	293	53	1,805	997	12.06
1935 .. .. .	90	62	87	185	92	146	371	161	275	247	22	73	1,811	1,292	22.29
1936 .. .. .	196	5	13	44	157	143	548	191	40	194	24	207	1,762	1,273	19.20
1937 .. .. .	209	75	27	34	103	93	57	196	103	333	21	193	1,444	885	19.33
1938 .. .. .	103	56	8	91	30	193	211	72	25	13	39	4	845	544	6.19
1939 .. .. .	72	350	38	431	293	208	127	272	97	76	303	15	2,282	1,073	20.05
1940 .. .. .	73	21	18	173	24	45	122	41	187	31	52	60	847	450	2.42
1941 .. .. .	270	34	143	60	27	147	226	109	238	190	123	34	1,601	937	19.51

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VICTORIA—RAINFALL AND AVERAGE WHEAT YIELD PER ACRE IN WHEAT-GROWING COUNTIES FOR THE YEARS 1930 TO 1941—*continued.*

County and Year.	Approximate Mean Rainfall each Month.												Total for Year.	Total Wheat-growing Period.	Average Wheat Yield per Acre.
	Wheat-growing Months.														
	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.			
Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Bushels.
<b>Bendigo—</b>															
1930 .. .. .	68	90	42	292	34	173	193	85	321	101	613	2,012	1,098	15.30	
1931 .. .. .	48	311	295	325	437	194	99	155	63	187	1	2,119	1,273	10.89	
1932 .. .. .	2	151	306	121	222	205	236	104	122	37	100	2,026	1,060	16.44	
1933 .. .. .	173	74	43	200	185	327	228	205	106	249	311	2,101	1,251	17.13	
1934 .. .. .	128	184	28	127	2	64	169	136	94	390	292	66	1,680	8.55	
1935 .. .. .	120	116	66	237	63	114	335	119	259	308	34	66	1,837	1,198	
1936 .. .. .	127	19	10	78	164	147	454	177	40	192	29	261	1,698	1,174	
1937 .. .. .	128	93	8	111	116	94	61	176	97	192	13	99	1,188	736	
1938 .. .. .	98	63	6	54	30	208	188	49	10	7	35	2	750	492	
1939 .. .. .	55	400	109	412	221	231	104	261	93	106	244	17	2,253	1,016	
1940 .. .. .	49	24	27	186	24	51	145	38	196	26	50	56	872	480	
1941 .. .. .	245	31	157	41	23	121	208	59	211	153	120	28	1,397	775	
<b>Rodney—</b>															
1930 .. .. .	44	94	41	258	22	170	218	117	323	102	528	1,917	1,108	15.69	
1931 .. .. .	44	6	304	287	291	434	187	111	151	127	170	1	2,113	1,301	
1932 .. .. .	1	63	298	415	69	277	217	265	160	119	54	66	2,004	1,107	
1933 .. .. .	89	104	13	210	209	303	170	226	171	134	228	1,857	1,289	18.46	
1934 .. .. .	290	265	58	151	1	65	181	186	102	403	332	122	2,156	938	
1935 .. .. .	107	173	78	346	63	138	324	142	301	270	35	45	2,022	1,238	
1936 .. .. .	182	28	6	176	86	179	451	225	67	217	49	281	1,947	1,225	
1937 .. .. .	164	73	19	51	159	131	78	163	107	203	14	94	1,256	841	
1938 .. .. .	120	104	5	55	32	275	151	80	14	10	30	2	878	562	
1939 .. .. .	45	481	212	621	200	311	139	388	132	153	236	25	2,943	1,323	
1940 .. .. .	24	16	48	191	47	50	167	55	204	32	52	89	975	555	
1941 .. .. .	516	28	234	28	85	113	226	73	169	159	114	47	1,792	825	
<b>Moirá</b>															
1930 .. .. .	26	65	65	224	30	146	242	105	335	111	511	1,860	1,082	14.28	
1931 .. .. .	70	19	334	268	378	487	188	128	152	178	189	6	2,397	1,511	
1932 .. .. .	2	59	278	369	39	242	236	280	192	115	105	90	2,007	1,104	
1933 .. .. .	93	2	70	37	194	202	247	163	261	149	142	296	1,856	1,216	
1934 .. .. .	431	221	163	218	77	207	234	118	436	391	140	140	2,636	1,072	
1935 .. .. .	115	133	106	380	57	153	300	160	253	316	24	113	2,110	1,239	
1936 .. .. .	165	36	23	228	81	256	454	271	79	191	50	256	2,090	1,332	
1937 .. .. .	206	68	33	58	145	148	91	204	121	278	43	102	1,497	987	
1938 .. .. .	96	71	3	83	54	292	170	149	27	13	9	3	970	705	
1939 .. .. .	22	548	297	676	120	401	165	459	150	271	221	20	3,350	1,566	
1940 .. .. .	24	5	19	260	65	55	159	64	224	35	74	127	1,111	602	
1941 .. .. .	539	46	432	18	81	155	243	76	156	150	99	56	2,051	861	

Production.

**Wheat Growing in conjunction with Sheep Grazing and Dairying.**

On pages 455 and 456 of the 1938-39 issue of the *Year-Book*, tables appeared showing (a) the extent to which mixed farming was practised in conjunction with wheat growing and (b) the wheat productivity of the State in bag series per acre for the season 1935-36.

**Varieties of Wheat.**

The following statement shows the areas under the principal varieties of wheat, including wheat for hay, for the seasons 1938-39 to 1940-41. The varieties are tabulated in order of popularity for the last-mentioned season. The percentages shown indicate the fluctuation which has taken place amongst the popular varieties.

Over 100 varieties of wheat were sown. The number which was tried in the Mallee greatly exceeded that experimented with in any other district. A more extended list showing the area and percentage of each variety, and the ten principal varieties grown in the wheat-growing districts, may be obtained on application to the Government Statist.

**VICTORIA—VARIETIES OF WHEAT SOWN IN EACH OF THE SEASONS, 1938-39, 1939-40, AND 1940-41.**

Variety (in order of Popularity, Season 1940-41).	1938-39.		1939-40.		1940-41.	
	Area Sown.	Percentage of Total Area Sown.	Area Sown.	Percentage of Total Area Sown.	Area Sown.	Percentage of Total Area Sown.
	Acres.		Acres.		Acres.	
Ghurka ..	1,436,646	47·78	1,383,327	47·33	1,317,786	47·58
Ranee (incl. 4H) ..	612,733	20·38	657,418	22·49	559,198	20·19
Dundee ..	319,291	10·62	273,934	9·37	236,810	8·55
Free Gallipoli ..	252,758	8·41	208,887	7·15	161,190	5·82
Bencubbin ..	87,194	2·90	108,388	3·71	145,680	5·26
Bobin ..	35,305	1·17	45,080	1·54	57,350	2·07
Regalia ..	710	·02	6,986	·24	52,365	1·89
Sepoy ..	59,425	1·98	49,783	1·70	39,625	1·43
Rajah ..	34,225	1·14	34,925	1·19	37,686	1·36
Baldmin ..	10,322	·34	12,655	·43	23,294	·84
Nabawa ..	20,355	·68	18,349	·63	16,380	·59
Nizam ..	14,005	·47	17,465	·60	11,949	·43
Mac's White ..	13,873	·46	8,176	·28	11,825	·43
Major ..	18,247	·61	14,609	·50	11,652	·42
Magnet ..	..	..	..	..	10,544	·38
Turvey ..	11,258	·37	10,753	·37	9,426	·34
Waratah ..	9,154	·30	7,313	·25	6,103	·22
Federation ..	10,054	·33	9,223	·32	5,991	·22
Warden ..	7,076	·24	6,772	·23	5,836	·21
Gular ..	1,736	·06	2,572	·09	5,360	·19
Mogul ..	5,616	·19	5,241	·18	4,180	·15
Baringa ..	7,695	·26	5,005	·17	4,121	·15
Glueclub ..	1,981	·06	2,400	·08	4,037	·15
Ford ..	3,151	·10	2,523	·09	3,835	·14
C.M.G. ..	3,145	·10	2,444	·08	3,396	·12
Yandilla King ..	1,873	·06	1,983	·07	1,992	·07
Sword ..	2,554	·09	2,162	·07	1,971	·07
Penny ..	1,178	·04	1,438	·05	1,769	·06
Seagul ..	704	·02	1,520	·05	1,596	·06
Bena ..	2,403	·08	1,227	·04	1,297	·05
Strongbolt ..	1,620	·05	797	·03	1,273	·05
Gluyas ..	2,740	·09	1,798	·06	1,264	·05
Other Varieties ..	18,174	·60	17,877	·61	12,799	·46
<b>Total ..</b>	<b>3,007,201</b>	<b>100·00</b>	<b>2,923,027</b>	<b>100·00</b>	<b>2,769,580</b>	<b>100·00</b>

It will be noted from the foregoing statement that although the five leading varieties have not changed positions during the seasons shown, Dundee and Free Gallipoli appear to be losing popularity, while Bencubbin is gaining favour with growers.

Many changes have also taken place in the leading varieties of wheat in other Australian wheat-growing States during recent years. In New South Wales, Bencubbin has displaced Ford as the leading variety. In 1935-36 only 0·6 per cent. of the area was sown with Bencubbin. Dundee now occupies third place in that State. On the other hand, Nabawa, which was the leading variety with 47 per cent. of the total area sown in Western Australia in 1929, has declined to fifth place on the list, with only 3·96 per cent. of the area sown in 1940. In South Australia the area sown with the varieties Ranee, Bencubbin, and Dundee was only 19·02 per cent. of the total area sown in 1935-36, but the area now sown with these varieties amounts to 44·08 per cent. of the total area sown. Free Gallipoli became the leading variety in Victoria in 1929-30, and continued as such until the season 1934-35, when it was superseded by Ghurka.

#### PRINCIPAL VARIETIES OF WHEAT SOWN IN AUSTRALIAN STATES, 1940-41.

New South Wales.		Victoria.		South Australia.		Western Australia.	
Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.	Variety.	Per-centage of Total Area.
Bencubbin ..	28·77	Ghurka ..	47·58	Ranee ..	16·69	Bencubbin	35·69
Ford ..	18·36	Ranee ..	20·19	Bencubbin	16·10	Glucub ..	19·04
Dundee ..	9·15	Dundee ..	8·55	Dundee ..	11·29	Merredin ..	6·78
Nabawa ..	7·36	Free Gallipoli	5·82	Sword ..	6·58	Noongaar ..	5·42
Waratah ..	4·61	Bencubbin	5·26	Nabawa ..	6·54	Nabawa ..	3·96
Gular ..	4·24	Bobin ..	2·07	Waratah ..	5·79	Gluyas Early	3·73
Ranee ..	3·81	Regalia ..	1·89	Gluyas ..	5·16	Dundee ..	3·56
Other ..	23·70	All other ..	8·64	All other ..	31·85	All other ..	21·82
Total ..	100·00	..	100·00	..	100·00	..	100·00

VICTORIA—DISTRICT PERCENTAGE OF TOTAL AREA UNDER WHEAT, AND ESTIMATED QUANTITY OF SEED AND FERTILIZERS USED PER ACRE, 1941-42.

District.	Percentage (according to acreage) of total area in the State.	Weight per acre of—	
		Seed Sown.	Fertilizers Used.
		lb.	lb.
Central .. .. .	69	88	113
North-Central .. .. .	75	80	96
Western .. .. .	107	85	130
Wimmera .. .. .	32.75	70	73
Mallee .. .. .	45.18	54	51
Northern .. .. .	18.89	68	80
North-Eastern .. .. .	55	73	104
Gippsland .. .. .	12	82	89
Total State .. .. .	100.00	63	68

The total seed used for grain and hay areas amounted to 3,022,365 bushels, and total superphosphates to 84,611 tons. The average rate of sowing for the season 1941-42 in the principal wheat-growing counties, ranged from 40 lb. of seed per acre in the County of Millewa to 88 lb. in Ripon. Manure used varied from 31 lb. per acre in Millewa to 133 lb. in Ripon. On 117,148 acres sown to wheat, of which 97,989 acres were in the Mallee district, no manure at all was used.

**Fallow.**

The large area of land fallowed for the next season's cropping operations is a feature of the three wheat-growing districts. Of the 1,887,418 acres in fallow during the season 1940-41, 753,747 were in the Mallee, 758,347 in the Wimmera, and 249,091 in the Northern districts. The total area of fallow in these three districts—1,761,185 acres—represented 93 per cent. of the land fallowed in the State.

The following table shows the acreage in fallow in various years, together with the area sown to wheat in each succeeding season :—

VICTORIA—LAND IN FALLOW AND WHEAT SOWN.

Season.		Land in Fallow.	Season.		Area Sown to Wheat.
		Acres.			Acres.
1901-02	.. ..	681,778	1902-03	.. ..	2,155,928
1911-12	.. ..	1,469,608	1912-13	.. ..	2,471,586
1921-22	.. ..	2,052,964	1922-23	.. ..	2,857,533
1928-29	.. ..	2,683,462	1929-30	.. ..	3,731,699
1929-30	.. ..	2,482,662	1930-31	.. ..	4,788,560
1930-31	.. ..	2,590,629	1931-32	.. ..	3,705,555
1931-32	.. ..	2,145,819	1932-33	.. ..	3,320,504
1932-33	.. ..	2,633,287	1933-34	.. ..	3,208,619
1933-34	.. ..	2,543,043	1934-35	.. ..	2,576,019
1934-35	.. ..	2,216,464	1935-36	.. ..	2,401,548
1935-36	.. ..	2,358,777	1936-37	.. ..	2,466,664
1936-37	.. ..	2,483,163	1937-38	.. ..	2,776,301
1937-38	.. ..	2,604,556	1938-39	.. ..	3,007,201
1938-39	.. ..	2,543,225	1939-40	.. ..	2,923,027
1939-40	.. ..	2,377,405	1940-41	.. ..	2,769,580
1940-41	.. ..	1,887,418	1941-42	.. ..	2,889,853
1941-42	.. ..	2,101,360			

The weight of an imperial bushel of wheat is 60 lb., but the actual weight of a bushel of Victorian wheat of fair average quality standard is determined annually by the Chamber of Commerce.

The following table shows the standard determined in Victoria for each of the ten seasons, 1932-33 to 1941-42 :—

Season.		Weight of Bushel of Wheat, f.a.q.	Season.		Weight of Bushel of Wheat, f.a.q.
		lb.			lb.
1932-33	.. ..	62	1937-38	.. ..	63½
1933-34	.. ..	60	1938-39	.. ..	64½
1934-35	.. ..	60	1939-40	.. ..	63½
1935-36	.. ..	63½	1940-41	.. ..	64½
1936-37	.. ..	62	1941-42	.. ..	63½

**Farmers growing Wheat for Grain.** The following statement shows the number of farmers engaged in the growing of wheat for grain.

**VICTORIA—NUMBER OF HOLDINGS WITH TWENTY OR MORE ACRES OF WHEAT FOR GRAIN, SEASONS 1935-36 TO 1940-41.**

1935-36.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
12,051	12,090	12,936	12,305	12,065	11,972

**Stocks of wheat and flour.** It is estimated that about 14,500,000 bushels of wheat per annum are required locally for food and seed. The stocks of wheat and flour in the State at 31st October in each of the five years, 1935-39, were as follow:—

**VICTORIA—STOCKS OF WHEAT AND FLOUR.**

At 31st October—	Quantity in Bushels.		
	Wheat.	Flour (equivalent in Wheat).	Total.
1935 .. .. .	5,840,992	1,253,637	7,094,629
1936 .. .. .	4,923,693	1,853,528	6,777,221
1937 .. .. .	6,990,373	1,295,631	8,286,004
1938 .. .. .	5,809,493	1,131,963	6,941,456
1939 (estimated) .. .. .	5,290,000	1,313,000	6,603,000
1940 and 1941 .. .. .	Not available		

**Oats.** Oats are grown in Victoria mainly as a hay crop. The area harvested (season 1940-41) for hay was 464,192 acres, and for grain 559,200 acres, which produced 348,891 tons of hay, and 2,624,298 bushels of grain respectively. About 46 per cent. of the area for grain was in the Mallee district, but the area for hay was spread over all districts. More than 60 varieties of oats are generally sown, but Algerian, with nearly 88 per cent. of the area, is predominantly the most popular variety.

**Hay.** Of the total area under hay in 1940-41, as shown in the table on page 386, 464,192 acres under oats produced 348,891 tons; 96,852 acres under wheat produced 79,772 tons; 30,443 acres under lucerne, &c., produced 47,925 tons; and 81,468 acres under grass produced 103,649 tons; the yields per acre of these kinds of hay were 0.75, 0.82, 1.57, and 1.27 tons respectively.

**Barley.** The area under barley for grain in 1940-41 was 187,649 acres, of which 161,733 were under malting (2 row), and 25,916 under feed (6 row) barley. Although barley is grown generally throughout the State, 114,169 acres, or 61 per cent. of the total area for the season 1940-41, were sown in the counties of Grant, Lowan, Borung, and Karkaroc. The average yield per acre in Grant was 13·20 bushels. The figures in the subjoined table show the acreage, production, and yield per acre, for each of the five years 1936-37 to 1940-41 :—

VICTORIA—BARLEY PRODUCTION, 1936-37 TO 1940-41.

Year ended March—	Area under Crop.		Produce		Average per Acre.		
	Malting (2 row).	Other (6 row).	Malting (2 row).	Other (6 row).	Malting (2 row).	Other (6 row).	Total.
	acres.	acres.	bushels.	bushels.	bushels.	bushels.	bushels.
1937 ..	83,802	16,201	1,782,931	360,178	21·28	22·23	21·43
1938 ..	113,598	26,179	2,122,035	586,484	18·68	22·40	19·38
1939 ..	150,984	24,907	1,411,139	260,670	9·35	10·47	9·50
1940 ..	179,552	24,687	3,205,069	533,044	17·85	21·59	18·30
1941 ..	161,733	25,916	955,454	231,525	5·91	8·93	6·33

**Maize.** Maize for grain is cultivated mainly in Gippsland, but two or three thousand acres are regularly grown in the Mornington and the North-Eastern districts. It is grown in Victoria both for grain and for green fodder. The areas for 1940-41 were 15,382 acres for grain, and 25,848 acres for fodder. The area, production, and average yield for each of the five seasons, 1936-37 to 1940-41, are given in the following table :—

VICTORIA—MAIZE PRODUCTION, 1936-37 TO 1940-41.

Season.	For Green Fodder.	For Grain.		
		Area.	Production.	Yield per Acre.
		acres.	bushels.	bushels.
1936-37 .. ..	26,543	20,115	794,506	39·50
1937-38 .. ..	25,271	20,879	783,835	37·54
1938-39 .. ..	26,114	18,485	416,578	22·54
1939-40 .. ..	20,457	18,963	380,698	20·08
1940-41 .. ..	25,848	15,382	702,956	45·70

The annual average yield of the last five seasons was 32·81 bushels per acre, as compared with 45·0 in 1910-15, and 65·4 in 1900-05. The relatively light yield per acre for the latest five-year period was probably due to the cultivation of new areas, which are less fertile than the rich river flats upon which this cereal was grown exclusively in earlier periods.

**Potatoes.** Victoria is the largest potato-producing State in the Commonwealth. Out of a total area of 104,534 acres planted in 1939-40 to potatoes, 32,177 acres were grown in this State.

The cultivation of the potato crop in Victoria is confined mainly to the central highlands, the South-western district and the Gippsland district. These districts are favoured with good average rainfall, varying from 30 to 50 inches per annum, which is fairly well distributed throughout the year.

The following table shows the area, yield and value of potatoes for each of the five seasons, 1936-37 to 1940-41 :—

VICTORIA—POTATO PRODUCTION, 1936-37 TO 1940-41.

Season.	Area.	Production.*	Average Yield.	Gross Value.
	acres.	tons.	tons.	£
1936-37 ..	45,627	196,623	4·31	614,447
1937-38 ..	41,105	134,712	3·28	801,536
1938-39 ..	34,396	81,415	2·37	1,095,032
1939-40 ..	32,177	87,931	2·73	934,267
1940-41 ..	44,195	216,568	4·90	958,313

\* Includes amounts held on farms for seed, stock feed, &c., as follow :—46,732 tons in 1936-37 ; 33,153 tons in 1937-38 ; 18,380 tons in 1938-39 ; 21,919 tons in 1939-40, and 55,144 tons in 1940-41.

**Onions.** Onions are grown in nearly every county south of the Dividing Range. The returns for last season show that in Grenville the yield was 5,252 tons from 1,167 acres ; in Villiers, 4,698 tons from 842 acres ; in Polwarth, 4,682 tons from 836 acres ; in Grant, 3,087 tons from 1,050 acres ; in Bourke, 3,682 tons from 636

acres ; in Buln Buln, 1,973 tons from 217 acres ; and in Mornington, 1,016 tons from 158 acres. The following statement shows the area, yield, and value for each of the last five years :—

VICTORIA—ONION PRODUCTION, 1936-37 TO 1940-41.

Season—				Area.	Production.	Average Yield.	Gross Value.
				acres.	tons.	tons.	£
1936-37	..	..	..	5,969	46,130	7·73	184,099
1937-38	..	..	..	6,036	45,583	7·55	188,620
1938-39	..	..	..	4,898	10,404	2·12	197,676
1939-40	..	..	..	4,503	27,400	6·08	203,445
1940-41	..	..	..	5,004	25,004	5·00	350,056

Wholesale prices of agricultural and pastoral products.

The prices which appear below are the average prices realized for the marketed produce of the seasons enumerated. Average monthly prices, but not taking into account the quantities sold, are shown on pages 433 and 434.

VICTORIA—AVERAGE WHOLESALE PRICES REALIZED FOR AGRICULTURAL AND PASTORAL PRODUCE, 1931-32 TO 1940-41.

Average Prices Realized for Produce of Season—	Wheat.	Oats.	Barley (Malting).	Maize.	Potatoes.	Onions.	Wool.* (Clipped, and on Skins.)
	per bushel.	per bushel.	per bushel.	per bushel.	per ton.	per ton.	per lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1931-32	3 2½	2 0	3 0½	4 3	92 0	237 0	0 8·76
1932-33	2 10¾	1 11	2 6	4 7½	85 0	65 0	0 8·18
1933-34	2 11½	2 2½	2 7	3 6	106 0	85 0	1 2·71
1934-35	3 3¼	2 3½	2 10½	4 4	175 0	143 9	0 9·52
1935-36	4 1	2 2½	2 9½	5 1	158 9	180 0	1 1·96
1936-37	5 5½	2 8	4 3½	5 6	72 6	146 0	1 4·39
1937-38	4 1	3 3½	3 10	4 11¼	145 0	109 6	1 0·77
1938-39	2 7½	3 6	3 4	5 3¼	289 0	380 0	0 10·59
1939-40	3 8¼	2 1	3 7½	6 0	230 0	148 6	1 2·06
1940-41	3 9	3 6	4 2½	4 3½	105 0	280 0	1 2·21

\* Victorian production only.

**Vine Production.** The production of dried vine-fruits for the season 1940-41 amounted to 47,971 tons, as compared with a production of 57,970 tons for the previous season. This far exceeds the requirements for home consumption. Overseas exports of Victorian produce for the season 1940-41 amounted to 38,044 tons.

Australian production of dried vine-fruits for the season 1940-41 amounted to approximately 79,500 tons, of which the Victorian portion represented over 60 per cent.

Particulars of vine production for the five seasons 1936-37 to 1940-41 are given in the following table:—

VICTORIA—VINE PRODUCTION, 1936-37 TO 1940-41.

Season.	Number of Growers.	Area.		Produce.				
		Bearing.	Not Bearing.	Grapes gathered.	Wine made.	Dried Fruits.		
						Raisins.		Currants.
						Lexias.	Sultanas.	
	acres.	acres.	cwt.	gallons.	cwt.	cwt.	cwt.	
1936-37..	2,458	38,329	3,566	3,903,430	1,818,917	90,243	655,090	152,202
1937-38..	2,438	38,645	3,238	4,897,257	1,433,637	106,501	863,579	178,960
1938-39..	2,424	39,640	2,796	3,707,783	825,056	102,016	571,156	206,022
1939-40..	2,405	40,321	2,273	4,869,991	1,126,350	108,408	838,149	212,841
1940-41..	2,398	40,980	2,258	4,066,343	1,208,452	115,137	711,700	132,580

Of the total quantity of grapes gathered in 1940-41, it is estimated that 154,350 cwt. were used for making wine and spirits, 3,826,876 cwt. for raisins and currants, and 85,117 cwt. for table consumption.

Of the dried fruit, 100,214 cwt. of lexias, 600,716 cwt. of sultanas, and 122,137 cwt. of currants were produced in the Mildura Shire, and 14,594 cwt. of lexias, 110,105 cwt. of sultanas, and 10,034 cwt. of currants in the Swan Hill Shire.

**Tobacco.** The imposition of emergency tariff rates about 1931 greatly stimulated the growing of tobacco in Victoria and, as a result, the area planted increased in the 1932-33 season to 13,418 acres. Due, however, to economic circumstances and to disease in the crops, the acreage subsequently declined. The 1940-41 crop amounted to 10,689 cwt., which was obtained from 1,926 acres.

The following table furnishes details of the area, production, and average yield in each of the five seasons, 1936-37 to 1940-41:—

VICTORIA—TOBACCO PRODUCTION, 1936-37 TO 1940-41.

Season—			Area.	Production.	Produce per Acre.	Gross Value.
			acres.	cwt. (dry).	cwt. (dry).	£
1936-37	..	..	5,492	15,658	2·85	138,965
1937-38	..	..	4,736	20,860	4·40	185,808
1938-39	..	..	2,559	6,432	2·51	59,620
1939-40	..	..	2,018	9,805	4·86	99,449
1940-41	..	..	1,926	10,689	5·55	135,757

**Flax.** The production of flax is confined mainly to the Central, Western, and Gippsland Districts.

The following table shows the area, the quantity of straw delivered at mills, and the produce obtained therefrom for each of the seasons 1934-35 to 1938-39. Australian imports of certain flax products for each of the years ended 30th June, 1935, to 1939 are also shown.

VICTORIAN FLAX PRODUCTION AND AUSTRALIAN IMPORTS OF FLAX PRODUCTS, 1934-35 TO 1938-39.

Season.	Area.*	Straw delivered at Mills.	Produce Obtained.		Australian Imports (year ended 30th June).			
			Fibre.	Linseed.	Fibre.	Linseed.	Linseed Oil.	
	acres.	tons.	cwt.	cwt.	cwt.	cwt.	gallons.	
1934-35	..	769	995	680	2,660	103	752,501	252,730
1935-36	..	1,068	1,468	1,049	3,811	2,980	711,010	298,035
1936-37	..	912	952	848	2,130	9,913	680,054	223,570
1937-38	..	1,086	1,705	2,401	2,981	3,958	577,447	150,828
1938-39	..	1,260	950	1,080	960	3,286	635,196	188,629
1939-40 and 1940-41			Not available	for publication.				

\* Excludes area under New Zealand Flax, the acreage of which was 81 in 1937-38 and 98 in 1938-39.

**Orchards.** The extent of cultivation of each important class of fruit on holdings of one acre and upwards during the seasons 1937-38 and 1940-41 is shown in the following table:—

**VICTORIA—FRUIT TREES, PLANTS, ETC., IN ORCHARDS AND GARDENS, 1937-38 AND 1940-41.**

Fruit.	Number of Trees, Plants, &c.					
	1937-38.			1940-41.		
	Bearing.	Not Bearing.	Total.	Bearing.	Not Bearing.	Total.
Apples .. ..	2,295,155	400,777	2,695,932	2,063,809	309,800	2,373,609
Pears .. ..	908,593	289,965	1,198,558	955,409	338,910	1,294,319
Quinces .. ..	52,306	13,280	65,586	55,126	14,913	70,039
Plums .. ..	248,536	65,846	314,382	247,640	44,194	291,834
Prunes .. ..	47,087	3,396	50,483	38,068	6,071	44,139
Cherries .. ..	76,388	54,274	130,662	90,806	44,838	135,644
Peaches .. ..	921,630	427,769	1,349,399	982,991	400,649	1,383,640
Apricots .. ..	317,656	95,463	413,119	335,673	106,346	442,019
Nectarines .. ..	14,388	6,993	21,381	15,525	13,201	28,726
Oranges .. ..	365,948	50,424	416,372	334,498	76,777	411,275
Lemons .. ..	107,369	46,202	153,571	99,678	63,651	163,329
Loquats .. ..	1,918	527	2,445	1,794	455	2,249
Figs .. ..	25,131	8,531	33,662	26,254	3,818	30,072
Persimmons ..	432	19	451	466	56	522
<b>Total Large Fruits</b>	<b>5,382,537</b>	<b>1,463,466</b>	<b>6,846,003</b>	<b>5,247,737</b>	<b>1,423,679</b>	<b>6,671,416</b>
Raspberries ..	322,572	..	322,572	279,558	..	279,558
Loganberries ..	108,845	..	108,845	114,229	..	114,229
Strawberries ..	4,777,003	..	4,777,003	4,422,122	..	4,422,122
Gooseberries ..	137,633	7,685	145,318	82,988	5,106	88,094
Mulberries ..	659	62	721	635	67	702
Currants (Red, White, and Black) ..	18,014	2,778	20,787	9,296	3,144	12,440
Olives .. ..	2,498	234	2,732	2,441	376	2,817
Passion-fruit ..	100,530	44,700	145,230	67,665	11,925	79,590
Almonds .. ..	30,195	10,670	40,865	30,308	12,144	42,452
Walnuts .. ..	7,965	2,067	10,032	7,254	2,556	9,810
Filberts .. ..	1,924	78	2,002	3,067	217	3,284
Chestnuts .. ..	569	257	826	459	126	585
<b>Total Nuts</b> ..	<b>40,653</b>	<b>13,072</b>	<b>53,725</b>	<b>41,088</b>	<b>15,043</b>	<b>56,131</b>

The principal fruits grown in the State are apples, pears, peaches, and citrus. The excess of production over consumption was exported both overseas and interstate. The apple and pear crops for the season 1940-41 amounted to 2,497,277 and 1,677,504 bushels respectively.

A considerable quantity of apricots, peaches, and pears is grown, mostly in irrigated areas, for canning purposes. The total output of 1,967,262 cases of canned fruits for the 1941 season comprised apricots, 152,959 cases; peaches, 1,169,666 cases; and pears, 644,637

**Fruit growing  
1935-36 to  
1940-41.**

cases. This output represented about 72 per cent. of the total Australian pack. In addition to the fruits shown in the subjoined table, large quantities of melons, rhubarb, and tomatoes were produced in orchards, the following being the quantities recorded for 1940-41 :— Melons, 11,078 cwt.; rhubarb, 37,858 dozen bundles; tomatoes, 256,407 bushels. The gross value of all fruit grown in the season 1940-41 was £2,022,117 as compared with £1,653,849 in 1939-40.

VICTORIA—FRUIT GROWING, 1935-36 TO 1940-41.

—	1935-36.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
Number of Growers ..	6,712	6,621	6,514	6,476	6,318	6,221
	acres.	acres.	acres.	acres.	acres.	acres.
Area .. ..	74,006	75,169	75,067	71,300	70,315	69,756
	bushels.	bushels.	bushels.	bushels.	bushels.	bushels.
Kind of Fruit—						
Apples .. ..	2,417,425	2,873,327	2,454,471	1,574,916	1,603,043	2,497,277
Pears .. ..	1,492,062	1,657,763	1,527,032	1,204,340	1,298,787	1,677,504
Quinces .. ..	55,454	45,116	52,733	45,415	43,814	60,791
Apricots .. ..	350,793	179,824	409,417	251,028	485,612	388,361
Nectarines .. ..	41,509	39,509	41,987	40,888	23,891	47,741
Nectarines .. ..	9,013	12,681	17,134	18,371	9,965	8,935
Peaches .. ..	915,811	1,269,716	1,695,094	1,653,792	1,201,378	1,479,866
Plums .. ..	149,791	215,424	190,320	106,650	150,385	240,351
Prunes .. ..	63,626	70,024	58,967	39,597	51,230	41,702
Lemons .. ..	205,089	181,920	187,828	162,428	121,134	130,670
Oranges .. ..	618,290	580,526	691,563	700,990	544,208	729,970
Figs .. ..	15,755	20,260	19,528	15,019	17,332	17,220
Passion-fruit .. ..	21,410	26,635	33,290	21,094	11,512	26,520
Other Large Fruits ..	4,831	4,820	3,455	2,737	5,119	2,445
	cwt.	cwt.	cwt.	cwt.	cwt.	cwt.
Blackberries .. ..	993	924	1,019	315	881	1,136
Cape Gooseberries .. ..	135	150	112	167	95	124
Currants .. ..	314	283	233	171	156	142
Gooseberries .. ..	3,130	4,131	3,786	2,762	2,250	2,787
Loganberries .. ..	2,510	2,961	2,825	1,290	2,417	2,932
Mulberries .. ..	22	24	37	17	35	27
Raspberries .. ..	2,380	2,816	3,166	1,520	1,544	3,133
Strawberries .. ..	5,183	6,488	6,711	2,772	5,216	6,768
	lb.	lb.	lb.	lb.	lb.	lb.
Almonds .. ..	89,568	129,551	171,617	98,498	92,717	87,068
Chestnuts .. ..	39,843	17,355	19,362	21,954	16,855	15,580
Filberts .. ..	1,296	793	1,203	518	3,321	3,512
Walnuts .. ..	56,859	42,481	71,346	74,807	39,056	68,444

**Dried fruit  
(exclusive of  
Raisins and  
Currants).**

The production of the various kinds of dried tree-fruits for each of the last five seasons is shown in the following statement. Particulars in respect of dried vine-fruits appear on page 408.

**VICTORIA—DRIED TREE-FRUITS, 1936-37 TO 1940-41.**

Year ended June—	Apples.	Apricots.	Figs.	Necta- rines.	Peaches.	Pears.	Prunes.	Total.
	lb.	lb.	lb.	lb.	lb.	lb.	lb.	lb.
1937 ..	1,529	32,495	5,287	1,232	96,862	58,564	1,023,484	1,219,453
1938 ..	4,012	81,474	10,822	1,392	197,667	60,269	817,320	1,172,956
1939 ..	1,283	54,995	2,436	690	158,505	39,499	603,650	861,058
1940 ..	2,855	135,597	2,903	104	148,135	40,460	659,736	989,790
1941 ..	13,790	124,319	3,594	322	290,024	100,076	581,863	1,113,988

**Market  
gardens.**

The area under market gardens in the season 1940-41 was 22,155 acres. As agricultural statistics are collected only in respect of areas of one acre and over, they do not provide a complete census of vegetable growing. In respect of operations conducted on a commercial basis, however, they give reliable information. These gardens are generally situated near large centres of population, and the producers are able to dispose of the bulk of their goods with a minimum loss from waste, &c. The total value of production of market gardens, on the basis of £50 per acre, which is regarded as a fair average return, would be approximately £1,107,750. This does not include crops of one acre and over of potatoes or onions, such crops being tabulated under their respective heads in the returns relating to agriculture.

**Minor Crops.**

There are other crops cultivated in Victoria in addition to those enumerated on pages 388 and 389. The most important of these are :—Nursery products, cut flowers, sweet corn, sunflowers, garlic, scent plants, and agricultural seeds.

**Fertilizers.** The following table shows the number of holdings upon which fertilizers were applied and the quantities used in the various seasons. The fertilizer mainly used on wheat areas is "Superphosphate 22 per cent." It is also used on 90 per cent. of the oat areas fertilized:—

VICTORIA—ARTIFICIAL FERTILIZERS USED.

Season.	Number of Holdings.	Area Fertilized.		Quantity Used.	
		Acres.	Tons.		
1901-02	}	11,439	556,777	23,535	
1911-12		26,159	2,676,408	82,581	
1921-22		}	37,835	3,848,184	150,012
1931-32			38,844	3,927,208	163,234
1934-35			43,482	4,939,170	211,657
1936-37	}	Crops .. ..	36,238	3,709,563	157,865
		Pastures .. ..	25,817	2,911,181	148,981
1937-38	}	Crops .. ..	36,784	4,061,488	174,485
		Pastures .. ..	28,690	3,700,131	189,796
1938-39	}	Crops .. ..	36,174	4,427,573	184,866
		Pastures .. ..	29,290	3,974,938	210,297
1939-40	}	Crops .. ..	34,901	4,119,706	169,092
		Pastures .. ..	25,615	3,218,761	171,541
1940-41	}	Crops .. ..	33,013	3,671,693	151,345
		Pastures .. ..	25,302	3,305,382	170,869

**Machinery used on Holdings.** A comparison of the numbers of farming implements in use on rural holdings in Victoria in recent years is shown in the following table. Increases in the numbers of engines, milking plants, shearing plants, and tractors are particularly noticeable. No compilation of machinery was made for the year 1938, except in respect of tractors which numbered 7,593.

## VICTORIA—MACHINERY IN USE ON RURAL HOLDINGS.

Year.	Chaff-cutters.	Cream Separators.	Cultivators.	Engines.	Graders.	Grain Drills.	Harrows.	Harvesters.
	No.	No.	No.	No.	No.	No.	No.	No.
1936 ..	26,325	47,672	37,971	27,436	5,610	27,206	55,770	10,521
1937 ..	26,185	47,719	37,979	28,693	5,519	27,216	55,612	10,522
1938 ..	..	..	..	..	..	..	..	..
1939 ..	25,710	46,380	37,307	31,182	5,362	26,958	54,610	10,013
1940 ..	*	*	*	32,718	*	*	*	*
1941 ..	*	*	*	36,471	*	*	*	*

Year.	Headers.	Milking Plants.	Ploughs.	Reapers and Binders.	Shearing Plants.	Strippers.	Threshing Machines.	Tractors.
	No.	No.	No.	No.	No.	No.	No.	No.
1936 ..	6,725	4,994	78,353	22,787	4,386	1,823	538	5,727
1937 ..	6,888	5,702	77,961	22,517	4,430	1,671	498	6,270
1938 ..	..	..	..	..	..	..	..	7,593
1939 ..	7,010	7,419	76,079	22,005	4,954	1,568	467	8,802
1940 ..	*	8,201	*	*	4,860	*	*	9,578
1941 ..	*	9,225	*	*	5,052	*	*	10,158

\* Particulars not collected.

Information is collected annually as to the number of persons ordinarily engaged in farm work on rural holdings of one acre or more. Persons absent from their farms for the greater portion of the year following other occupations, as well as temporary hands engaged in harvesting, &c., are excluded from the tabulation. In respect of female employees, it is evident that numbers of occupiers misinterpret the questions and wrongly include those who, though they may give some assistance out-doors, are primarily engaged in domestic duties. Particulars for the years 1935-36 to 1939-40 are as follow:—

## VICTORIA—PERSONS ENGAGED ON RURAL HOLDINGS, INCLUDING WORKING PROPRIETORS, ETC., BUT EXCLUDING CASUAL AND SEASONAL WORKERS, 1935-36 TO 1939-40.

Year ending March.	Males.	Females.	Total.
	No.	No.	No.
1936 .. ..	101,016	8,842	109,858
1937 .. ..	100,381	8,672	109,053
1938 .. ..	100,338	8,296	108,634
1939 .. ..	100,155	8,026	108,181
1940 .. ..	100,184	8,126	108,310
1941 .. ..	Not Tabulated.		

Rates of  
Wages—  
Rural  
Holdings.

In the next return will be found particulars of the rates of wages paid (with rations) upon rural holdings during 1940-41. The information has been furnished by the occupiers of holdings.

VICTORIA—RATES OF WAGES ON RURAL HOLDINGS,  
1940-41.

Occupations.	Prevailing Rate.	Range.
Ploughmen .. ..	47s. 6d. per week	30s. to 90s. per week
Farm labourers .. ..	47s. per week ..	20s. to 90s. per week
Threshing machine hands ..	1s. 4d. per hour	9d. to 2s. 6d. per hour
Harvest hands .. ..	11s. 6d. per day	8s. to 20s. per day
Milkers .. ..	38s. 6d. per week	20s. to 69s. per week
Maize pickers (without rations)	8d. per bag of cobs	7d. to 10d. per bag of cobs
Married couples .. ..	68s. per week ..	40s. to 100s. per week
Female servants .. ..	25s. 6d. per week	10s. to 45s. per week
Shearers, hand (without rations)	37s. 6d. per 100 sheep	25s. to 52s. per 100 sheep
„ machine (without rations)	39s. 6d. per 100 sheep	32s. to 75s. per 100 sheep
Gardeners, market .. ..	56s. per week ..	40s. to 90s. per week
„ orchard .. ..	61s. 6d. per week	40s. to 86s. per week
Vineyard hands .. ..	66s. per week ..	48s. to 89s. per week

Financial  
Assistance to  
Primary  
Producers.

In recent years legislative provision has been made by both the Commonwealth and State Parliaments for granting financial relief to primary producers. These provisions have been described in previous issues of the *Year-Book*.

**PASTORAL AND DAIRYING INDUSTRIES.**

Live Stock.

The pastoral and dairying industries have always been important sources of wealth to the State, and their increasing values in recent years indicate that both pastures and stock are, on the whole, steadily improving. The next table, which shows the number of horses, dairy cows, other cattle, sheep and pigs illustrates the progress of stock breeding in Victoria.

## LIVE STOCK IN VICTORIA, 1861 TO 1941.

At 1st March—	Horses (including Foals).	Cattle—		Sheep.	Pigs.
		Dairy Cows.	Other.		
	No.	No.	No.	No.	No.
1861 .. ..	76,536	197,332	525,000	5,780,896	61,259
1871 .. ..	209,025	212,193	564,534	10,477,976	180,109
1881 .. ..	275,516	329,198	957,069	10,360,285	241,936
1891 .. ..	436,469	395,192	1,387,689	12,692,843	282,457
1901 .. ..	392,237	521,612	1,080,772	10,841,790	350,370
1911 .. ..	472,080	668,777	878,792	12,882,665	333,281
1921 .. ..	487,503	620,005	955,154	12,171,084	175,275
1931 .. ..	379,872	669,132	760,788	16,477,995	281,245
1937 .. ..	357,158	968,555	1,037,204	17,663,103	318,673
1938 .. ..	359,106	952,906	927,523	18,863,467	285,259
1939 .. ..	343,828	889,259	808,036	17,007,352	252,462
1940 .. ..	326,217	917,051	870,546	18,251,890	297,655
1941 .. ..	318,441	942,107	980,229	20,412,362	397,945

While the preceding table shows the actual number of live stock each year, it is difficult to determine the progress or otherwise of the pastoral industry unless the total number of live stock is brought to a common denomination. In the table which follows an arbitrary equivalent of ten sheep to each head of the larger kinds of live stock has been adopted and the total live stock grazed expressed as sheep:—

## VICTORIA—LIVE STOCK GRAZED, 1861-1941.

Year.	Equivalent in Sheep of Live Stock Grazed.	Year.	Equivalent in Sheep of Live Stock Grazed.
	No.		No.
1861 .. ..	13,769,576	1931 .. ..	34,575,915
1871 .. ..	20,335,496	1937 .. ..	41,292,273
1881 .. ..	25,978,115	1938 .. ..	41,258,817
1891 .. ..	34,886,343	1939 .. ..	37,418,582
1901 .. ..	30,788,000	1940 .. ..	39,390,030
1911 .. ..	33,079,155	1941 .. ..	42,820,132
1921 .. ..	32,797,704		

When making comparisons of the figures in the foregoing table, consideration should be given to the varying acreage under cultivation as shown on page 383.

Size of  
holdings and  
numbers of  
live stock.

A table showing the sizes of holdings and the numbers of live stock thereon as at March, 1938, appeared on page 472 of the 1938-39 issue of the *Year-Book*.

**Live stock in Australia.** In the following statement are given the numbers of horses, cattle, sheep, and pigs in the various Australian States at March, 1941:—

## LIVE STOCK IN THE COMMONWEALTH, 1941.

State.	Horses.	Cattle.	Sheep.	Pigs.
	No.	No.	No.	No.
Victoria .. ..	318,441	1,922,336	20,412,362	397,945
New South Wales ..	531,776	2,769,061	55,567,576	507,738
Queensland .. ..	442,757	6,210,810	23,936,099	436,447
South Australia ..	182,206	376,654	10,263,423	190,068
Western Australia ..	130,057	788,928	9,516,272	217,910
Tasmania .. ..	29,406	259,108	2,682,375	46,713
Northern Territory ..	30,716	922,308	33,703	407
Australian Capital Territory	1,244	6,636	281,791	593
Total .. ..	1,666,603	13,255,841	122,693,601	1,797,821

**Agriculture in Victoria and Great Britain.** The figures relating to agriculture and live stock in Victoria and Great Britain (England, Wales, and Scotland) in 1938 are, for comparative purposes, given in the table which follows:—

## AGRICULTURE AND LIVE STOCK IN VICTORIA AND GREAT BRITAIN.

	Victoria. (1938-39.)	Great Britain. (1937-38.)
Total area .. ..	56,245,760	56,208,959
Wheat .. ..	18,104,369	73,136,000
Oats .. ..	2,909,260	95,312,000
Barley .. ..	1,671,809	40,365,000
Peas .. ..	43,332	1,126,000
Potatoes .. ..	81,415	4,464,000
Turnips and Swedes ..	2,093*	10,605,000
Mangolds .. ..	3,537	3,689,000
Hay .. ..	892,975	5,302,000
Horses .. ..	343,828	1,001,500
Cattle .. ..	1,697,295	8,030,000
Sheep .. ..	17,007,352	25,882,000
Pigs .. ..	252,462	3,821,650

\* Includes beet, carrots, and parsnips.

Distribution  
of Live Stock.

The next table contains particulars of Live Stock

## VICTORIA—DISTRIBUTION

Statistical Districts and Counties.	Horses.	Dairy Cows.			
		Milking.	Dry.	Springing Heifers.	Total Dairy Cows.
	No.	No.	No.	No.	No.
<b>Central District—</b>					
Bourke .. .. .	29,217	36,593	11,375	2,289	50,257
Grant .. .. .	14,021	19,639	4,229	1,159	25,027
Mornington .. .. .	14,821	79,199	13,193	2,178	94,573
Evelyn .. .. .	4,710	10,343	2,879	921	14,143
<b>North Central District—</b>					
Anglesey .. .. .	3,121	7,646	1,845	357	9,848
Dalhousie .. .. .	4,302	5,719	1,475	227	7,421
Talbot .. .. .	8,834	12,457	2,876	593	15,931
<b>Western District—</b>					
Grenville .. .. .	6,854	16,502	4,939	1,461	22,902
Polwarth .. .. .	3,859	28,297	4,371	1,331	33,999
Heytesbury .. .. .	4,182	44,226	6,216	3,708	54,150
Hampden .. .. .	5,929	34,714	7,255	2,528	44,497
Ripon .. .. .	5,087	4,763	1,276	394	6,433
Villiers .. .. .	6,686	35,247	6,798	2,689	44,734
Normanby .. .. .	5,871	23,120	4,315	1,134	28,569
Dundas .. .. .	4,722	9,058	2,485	760	12,303
Follett .. .. .	1,423	2,974	631	122	3,727
<b>Wimmera District—</b>					
Lowan .. .. .	13,410	6,235	1,560	517	8,312
Borong .. .. .	18,015	8,042	2,044	488	10,574
Kara Kara .. .. .	7,539	3,361	1,029	145	4,535
<b>Mallee District—</b>					
Millewa .. .. .	2,710	619	368	26	1,013
Weeah .. .. .	4,898	1,591	345	85	2,021
Karkaroc .. .. .	17,411	5,454	1,464	242	7,160
Tatchera .. .. .	14,586	8,873	1,898	634	11,405
<b>Northern District—</b>					
Gunbower .. .. .	7,505	25,169	4,382	1,298	30,849
Gladstone .. .. .	7,264	3,586	1,223	141	4,950
Bendigo .. .. .	11,389	13,374	3,070	604	17,048
Rodney .. .. .	12,447	30,115	4,921	1,072	36,108
Molra .. .. .	22,871	17,099	5,245	1,154	23,498
<b>North-Eastern District—</b>					
Delatite .. .. .	8,150	22,666	4,149	1,579	28,394
Bogong .. .. .	10,732	36,205	4,930	1,507	42,642
Benambra .. .. .	5,115	20,471	2,249	615	23,335
Wonnangatta .. .. .	491	884	239	64	1,187
<b>Gippsland District—</b>					
Croajingolong .. .. .	1,497	6,676	754	216	7,646
Tambo .. .. .	2,019	6,201	845	269	7,315
Dargo .. .. .	1,989	5,341	838	273	6,452
Tanjil .. .. .	7,285	34,566	5,749	1,860	42,175
Buln Buln .. .. .	17,479	139,604	14,823	2,547	156,974
<b>Total for State .. .. .</b>	<b>318,441</b>	<b>766,629</b>	<b>138,286</b>	<b>37,192</b>	<b>942,107</b>

Production.

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in each County of the State as at March, 1941.

OF LIVE STOCK, 1941.

Other Cattle.				Total Cattle.	Pigs.	Sheep.		
Heifers (other than Springers).	Calves (under Twelve Months).	Other Cattle.	Total Other Cattle.			Sheep.	Lambs.	Total.
No.	No.	No.	No.	No.	No.	No.	No.	No.
8,246	11,240	13,587	33,073	83,330	19,292	454,465	128,895	583,360
7,592	11,159	13,068	31,819	56,846	12,078	677,836	218,227	896,063
19,963	28,964	24,739	73,666	168,239	33,732	235,524	103,345	338,869
4,000	5,667	8,304	17,971	32,114	6,274	67,148	33,873	101,021
2,632	6,383	9,698	18,713	28,561	4,551	472,769	94,779	567,548
2,044	4,625	3,972	10,641	18,062	2,332	448,317	127,590	575,907
3,707	8,468	6,804	18,979	34,910	6,740	423,415	147,685	571,100
3,104	6,559	4,213	13,876	36,778	9,549	534,682	161,553	696,235
6,819	10,613	8,376	25,808	59,807	15,216	147,820	53,325	201,145
7,703	15,077	5,878	28,658	82,808	12,661	48,531	21,760	70,291
9,290	14,315	18,336	41,941	86,438	7,623	728,355	242,832	971,187
1,472	3,746	3,771	8,989	15,422	2,440	779,097	230,330	1,009,427
8,649	17,365	24,097	50,111	94,845	5,228	830,710	266,912	1,097,622
6,520	12,161	13,978	32,659	61,228	9,966	634,855	177,379	812,234
2,407	6,622	8,302	17,331	29,634	3,395	800,660	190,979	991,639
1,133	3,039	4,643	8,815	12,542	1,038	291,268	49,096	340,364
1,460	4,265	1,830	7,555	15,867	5,087	982,250	241,694	1,223,944
1,509	4,822	2,170	8,501	19,075	7,503	693,900	200,533	894,433
552	2,393	1,549	4,494	9,029	2,470	463,052	147,691	610,743
103	470	249	822	1,835	986	100,351	40,829	141,180
178	944	183	1,305	3,326	1,401	116,318	36,163	152,481
953	3,245	866	5,064	12,224	5,048	403,453	162,301	565,754
2,084	4,486	3,020	9,590	20,995	8,825	388,049	165,765	548,814
7,579	11,811	7,130	26,520	57,369	18,708	319,099	142,953	462,052
756	2,301	1,262	4,319	9,269	2,722	368,900	138,386	507,286
3,798	7,086	4,709	15,593	32,641	10,616	422,590	169,464	592,054
9,001	13,799	8,042	30,842	66,950	23,305	430,409	190,525	620,934
5,015	12,392	11,616	29,023	52,521	12,183	850,327	232,149	1,082,476
7,104	17,784	29,554	54,442	82,836	9,954	642,586	178,688	821,274
10,274	22,429	30,844	63,547	106,189	21,216	385,882	108,564	494,446
4,431	19,276	32,850	56,557	79,892	9,142	309,167	86,456	395,623
769	1,341	4,185	6,295	7,482	662	43,921	13,186	57,107
1,419	4,108	8,715	14,242	21,888	5,498	51,970	15,349	67,319
1,228	6,111	15,094	22,433	29,748	5,504	106,000	44,682	150,682
1,607	4,052	5,558	11,217	17,669	4,111	90,181	33,383	123,564
8,426	14,590	19,072	42,088	84,263	19,440	326,636	111,872	438,508
36,479	50,583	45,668	132,730	289,704	71,449	465,501	172,175	637,676
200,006	374,291	405,932	980,229	1,922,336	397,945	15,530,994	4,881,368	20,412,362

**Dairying.** The dairying industry is one of the principal sources of the wealth of the community. The gross value of dairy produce in the season 1940-41 was £15,529,932 as compared with £14,854,336 in 1939-40, £12,682,076 in 1938-39, £12,989,517 in 1937-38, and £13,018,154 in 1936-37. The following table shows the numbers of cowkeepers and cows and the estimated total production of milk for each of the last five years:—

**VICTORIA—DAIRYING, 1936-37 TO 1940-41.**

As at 1st March—	Number of Cow-keepers.	Number of Dairy Cows.	Total Milk Produced for all Purposes (Year ended 30th June).
			gallons.
1937 .. ..	57,723	968,555	423,304,865
1938 .. ..	57,129	952,906	408,271,436
1939 .. ..	55,812	889,259	377,881,599
1940 .. ..	55,438	917,051	459,049,862
1941 .. ..	55,297	942,107	456,902,645

**Butter, Cheese, Condensed Milk and Casein.** The quantities of butter, cheese, concentrated, condensed, and powdered milk and casein made during the last five years were as follows:—

**VICTORIA — BUTTER, CHEESE, (CONCENTRATED, CONDENSED, AND POWDERED MILK) AND CASEIN MADE, 1937-1941.**

Year Ended 30th June—	Butter.*	Cheese.*	Concentrated, Condensed, and Powdered Milk.	Casein.
	lb.	lb.	1,000 lb.	1,000 lb.
1937 .. ..	154,769,391	13,350,124	46,007	4,334
1938 .. ..	141,321,445	16,466,038	52,065	5,095
1939 .. ..	130,573,918	19,554,061	46,668	4,463
1940 .. ..	164,826,094	24,495,121	56,778	5,331
1941 .. ..	156,345,602	18,376,904	72,441	4,493

\* Including that made on farms.

Numbers and  
Sizes of  
Dairy Herds.

The following table shows the number of dairy herds in Victoria, grouped, according to size, during each of the five years, 1937-41 :—

VICTORIA—DAIRY HERDS, CONTAINING FIVE COWS OR MORE, GROUPED ACCORDING TO SIZE.

As at 1st March—	Number of Herds.							Total.
	5 to 9 cows.	10 to 14 cows.	15 to 19 cows.	20 to 29 cows.	30 to 49 cows.	50 to 99 cows.	100 and over	
1937 ..	11,245	6,053	3,773	5,580	6,315	3,516	641	37,123
1938 ..	10,553	5,655	3,453	5,153	6,253	3,637	669	35,373
1939 ..	10,048	4,965	3,048	4,647	5,750	3,465	599	32,522
1940 ..	9,792	5,032	3,193	4,674	5,920	3,651	650	32,912
1941 ..	9,911	4,984	3,101	4,830	6,080	3,987	639	33,532

The number of farmers with less than five cows was :—20,600 in 1937, 21,756 in 1938, 23,290 in 1939, 22,526 in 1940, and 21,765 in 1941. These numbers were excluded from the foregoing table as the groups were considered too small to be classed as dairy herds.

Regulation, Control and Distribution of the Metropolitan Milk Supply.

The initial step towards the organization of the Metropolitan Milk supply was taken with the passing of the *Milk Board Act* 1932 (No. 4104), which made provision for the appointment of a Board to report and make recommendations on the regulation, control and distribution of the metropolitan milk supply.

This legislation was followed by the *Milk Board Act* 1933 (No. 4183), which, whilst repealing the Act of 1932, provided for the appointment of a Milk Board of three members. The Board was given power to investigate the methods in use for the collection, transport and distribution of milk ; to determine (quarterly) the minimum price to be paid to owners of dairy farms for milk for sale or distribution in the metropolis ; to define, from time to time, areas in the metropolis and to specify the dairies from which milk might be distributed by retail in any area so defined ; to cancel the licences of those dairies not so specified and to assess compensation therefor.

Amendments, mainly for the purpose of strengthening disclosed weaknesses in the principal Act, were made by the *Milk Board Act* 1934 (No. 4276). An amending Act of 1936 (No. 4463), extended the scope of the principal Act by empowering the Board to determine minimum prices to be paid to owners of Milk Depots and—in the case of sales other than sales by retail—dairymen.

The *Milk Board Act 1939* (No. 4676) requires the Milk Board to determine the maximum price at which milk may be sold by retail in the metropolis and the maximum charge for pasteurizing or cooling milk for sale or distribution in the metropolis. The Board is given wider powers to withhold approval of contracts for the purchase of milk by dairymen and owners of milk depots, may determine the maximum average daily quantity of milk to be forwarded to the metropolis from any milk depot, and may allocate to milk depots areas from which milk may be obtained. The standardization of milk by any metropolitan milk distributor, owner of a milk depot, or producer distributing milk to the metropolis, and the possession of separators, &c., and/or condensed, concentrated, dried or dessicated milk or any milk powder or colouring or preservative matter are prohibited. A penalty is prescribed for the sale, transfer or disposal of any retail delivery milk business in the metropolis without the approval in writing of the Board.

**Sheep.** The numbers of sheep in Victoria in various years since 1861 are shown in the table on page 416. Sheep are depastured in practically all districts of the State, but are relatively more numerous in the Wimmera, Western and Northern districts. The distribution of all live stock is shown in table on page 418.

Factors such as seasonal conditions, prices of wool, mutton and lamb and, to a less degree, wheat, affect the number of sheep in the State in any given year. In an adverse season flocks may be reduced by mortality due to lack of fodder or water, by the increase in the slaughtering of fat stock or by the decrease in lambing. Decreased imports from other States is another factor. In addition to the seasonal movements of sheep from New South Wales and South Australia for agistment, there is a regular importation of sheep from those States for slaughtering purposes.

**Lambing.** Seasonal conditions also play a large part in determining the proportion of lambs dropped to ewes mated, and thus a wide variation from the average natural increase may be experienced in any particular season. The following table shows the percentage of lambs marked in each of the five years 1936 to 1940.

## VICTORIA—LAMBING PERCENTAGE, 1936 TO 1940.

Year.					Proportion of Lambs Marked to Ewes Mated.
					%
1936	..	..	..	..	76·5
1937	..	..	..	..	83·5
1938	..	..	..	..	68·1
1939	..	..	..	..	81·5
1940	..	..	..	..	81·2

**Flocks of  
Sheep in  
Districts.**

A table containing a classification of the flocks of sheep in each district of Victoria as at March, 1939, was published on page 478 of the 1938-39 issue of the *Year-Book*. Sheep travelling on roads or located in cities or towns were excluded. The classification disclosed that, although the four groups with sheep under 500 comprised 72·15 per cent. of the owners, the number of sheep in those groups was only 23·62 per cent. of the total sheep in the State.

**Breeds of  
Sheep.**

Although the principal breed of sheep in the State is the "Merino," the percentage of pure Merino sheep is only 39, as compared with 85 in New South Wales. Merino Comebacks, the progeny of Crossbred ewes mated to Merino rams, number 34 per cent., other crossbreeds 24 per cent. and other British and Australasian breeds 3 per cent. of the sheep of Victoria.

Australasian breeds are the Polwarth and the Corriedale. The Polwarth is a Merino-Lincoln cross (approximately three-quarters Merino and one-quarter Lincoln). It was evolved to meet the conditions of light wool growing localities found to be too wet and cold for the pure merino. The Corriedale was evolved by heavily culling the progeny of Lincoln rams and Merino ewes and by judicious mating over several years. The Corriedale is a dual purpose sheep, being favoured by many breeders both for lamb raising and for wool production.

A table showing the breeds of sheep for the years 1932 to 1936 appears on page 480 of the 1938-39 issue of the *Year-Book*.

**Rams, Ewes,  
&c., in  
Counties at  
March, 1941.**

The following table sets out the numbers of rams, ewes, wethers and lambs depastured on rural holdings in each county of the State as at March, 1941; also the numbers of ewes mated, classified according to whether the progeny is intended for wool or fat lamb production. The breeds of rams are also shown.

VICTORIA — RAMS, EWES, ETC.; EWES MATED;  
TRAVELLING SHEEP AND SHEEP

Statistical Districts and Counties.	Rams.	Ewes.		Wethers.	Lambs.	Total Sheep and Lambs.
		Breeding.	Dry (Not mated or intended to be bred from).			
Central District—						
Bourke .. ..	7,217	280,270	21,507	104,957	119,895	533,846
Grant .. ..	9,085	374,232	83,900	203,619	215,927	886,763
Mornington .. ..	4,432	182,712	13,699	34,611	103,325	338,779
Evelyn .. ..	1,887	48,799	4,192	10,970	33,859	99,707
North Central District—						
Dalhousie .. ..	5,360	225,866	26,874	214,659	94,745	567,504
Talbot .. ..	6,886	285,864	31,318	120,749	126,590	571,407
	7,357	309,451	26,535	75,072	146,685	565,100
Western District—						
Grenville .. ..	10,563	287,442	62,878	163,799	157,303	681,985
Polwarth .. ..	2,902	94,184	12,256	38,448	53,305	201,095
Heytesbury .. ..	1,139	38,251	1,844	7,237	21,750	70,221
Hampden .. ..	13,600	437,294	80,709	196,712	242,802	971,117
Ripon .. ..	11,578	379,313	127,554	255,652	228,330	1,002,427
Villers .. ..	11,070	387,857	120,521	308,262	266,812	1,094,522
Normanby .. ..	6,811	276,102	83,087	266,355	176,629	808,984
Dundas .. ..	7,831	316,032	120,151	356,596	190,949	991,559
Follett .. ..	2,289	88,371	13,683	186,921	49,080	340,344
Wimmera District—						
Lowan .. ..	12,054	455,291	107,862	407,023	241,684	1,223,914
Borong .. ..	9,835	417,603	58,652	206,810	200,033	892,933
Kara Kara .. ..	7,727	277,166	45,792	132,191	147,579	610,455
Mallee District—						
Millewa .. ..	2,068	83,259	1,804	13,200	40,823	141,154
Weeah .. ..	1,959	105,281	1,021	8,057	36,163	152,481
Karkaroc .. ..	7,246	365,658	4,194	26,279	162,231	565,608
Tatchera .. ..	6,637	349,192	4,046	23,074	165,678	548,627
Northern District—						
Gunbower .. ..	5,966	271,293	10,863	30,977	142,942	462,041
Gladstone .. ..	5,897	276,283	15,613	71,090	138,371	507,254
Bendigo .. ..	7,448	340,578	18,110	54,414	168,874	589,424
Rodney .. ..	8,210	360,527	16,670	44,002	189,925	619,334
Moira .. ..	17,309	743,852	20,398	68,068	231,849	1,081,476
North-Eastern District—						
Delatite .. ..	10,159	466,658	42,781	117,988	176,988	814,574
Bogong .. ..	6,362	286,929	26,945	65,146	108,364	493,764
Benambra .. ..	3,451	172,206	19,134	114,356	86,436	395,583
Wonnangatta .. ..	433	22,306	4,792	16,290	13,186	57,007
Gippsland District—						
Croajingolong .. ..	426	26,038	7,004	18,502	15,349	67,319
Tambo .. ..	1,494	64,624	9,057	30,815	44,672	150,662
Dargo .. ..	940	46,938	12,014	30,279	33,373	123,544
Tanjil .. ..	3,656	184,313	33,835	104,832	111,852	438,488
Buln Buln .. ..	5,573	259,632	33,296	166,800	172,125	637,426
Total .. ..	234,857	9,587,667	1,324,591	4,294,812	4,856,483	20,298,410

BREEDS OF RAMS IN EACH COUNTY (EXCLUSIVE OF IN TOWNS) AS AT MARCH, 1941.

Ewes Mated (for Lambing during Season 1941).		Breeds of Rams.						
To Merino, Corriedale or Polwarth Rams (Wool Production).	To Rams of British Breeds (Fat-Lamb Production).	Merino.	Corriedale.	Polwarth.	Border Leicester.	South-down.	Dorset Horn.	Other.
37,190	234,299	142	820	406	1,133	2,490	1,201	1,025
158,548	205,376	1,400	1,926	742	1,295	946	1,433	1,343
11,206	161,835	4	319	8	717	2,105	427	852
5,699	38,189	17	647	21	231	555	105	311
82,868	133,100	936	1,185	151	445	1,723	90	830
92,654	186,702	1,210	1,003	101	1,268	1,469	975	860
125,918	178,210	2,259	1,093	34	1,715	431	911	914
186,927	94,881	6,397	1,171	1,087	860	422	266	360
32,992	53,915	72	182	1,257	408	412	128	443
3,442	31,697	20	24	15	137	589	31	323
283,029	148,768	4,793	2,501	2,766	615	1,135	515	1,275
278,120	98,730	8,270	1,019	232	908	166	690	293
293,850	88,689	3,703	2,229	2,547	654	448	217	1,272
166,071	104,579	1,576	2,180	440	1,054	414	421	726
222,555	87,108	3,643	2,205	249	625	370	343	396
38,808	46,718	634	446	23	381	319	123	363
354,681	95,933	8,774	1,414	61	733	136	665	271
209,743	203,350	3,551	1,383	145	1,778	685	1,622	671
160,434	114,283	4,385	589	430	1,527	163	404	229
42,227	40,830	1,202	166	15	468	6	178	33
35,150	68,337	171	501	47	306	50	773	111
53,674	303,241	381	976	90	3,162	286	2,034	317
17,642	330,442	85	408	17	4,129	578	892	528
28,335	237,691	650	429	80	2,435	605	1,511	256
120,565	154,085	1,863	858	59	1,802	228	362	725
81,460	255,679	962	839	52	2,936	722	1,097	840
43,011	309,911	307	744	38	3,278	1,488	1,550	805
59,596	679,847	447	1,156	105	4,988	6,766	2,051	1,796
125,293	334,614	827	1,621	241	2,201	2,664	347	2,258
71,436	206,384	658	840	184	2,765	913	251	751
82,685	81,192	1,161	412	81	552	349	364	532
12,660	8,946	80	164	33	53	29	..	74
18,096	6,481	108	159	6	56	2	..	95
37,827	23,376	604	363	54	222	38	5	208
28,632	15,599	477	110	9	172	35	15	122
83,014	87,368	913	552	69	517	227	733	645
43,899	181,940	327	558	79	1,178	1,196	686	1,549
3,729,937	5,632,325	63,009	33,192	11,974	47,704	31,160	23,416	24,402

**Production  
of Wool.**

Statistics of wool production are obtained direct from the growers, from fellmongeries and, in respect of wool exported on skins, from the Customs Department.

The output of wool is stated in the grease as, except in the case of fellmongered wool, scoured weights are not available.

**VICTORIA—SHEEP AND LAMBS SHORN (IN DISTRICTS)  
SEASON 1940-41.**

Statistical District.	Shorn.		Wool Clipped (including Crutchings).		Average.	
	Sheep.	Lambs.	Sheep's.	Lambs'.	Per Sheep.	Per Lamb.
	No.	No.	lb.	lb.	lb.	lb.
Central .. ..	1,434,792	366,004	11,674,688	836,483	8·14	2·29
North-Central .. ..	1,516,955	379,638	12,028,699	809,358	7·93	2·13
Western .. ..	5,482,979	1,426,179	47,000,552	3,297,925	8·57	2·31
Wimmera .. ..	2,497,731	661,547	22,206,089	1,646,224	8·89	2·49
Mallee .. ..	1,184,257	420,769	9,978,239	970,900	8·43	2·31
Northern .. ..	2,821,022	935,659	22,039,073	2,064,287	7·81	2·21
North-Eastern .. ..	1,482,044	413,309	11,213,991	861,314	7·57	2·08
Gippsland .. ..	1,038,326	329,747	7,827,918	638,099	7·54	1·94
State Totals .. ..	17,458,106	4,932,852	143,969,249	11,124,590	8·25	2·26

**VICTORIA—SHEEP SHORN AND WOOL CLIPPED.**

Season.	Shorn.		Wool Clipped (including Crutchings).		Average.	
	Sheep.	Lambs.	Sheep's.	Lambs'.	Per Sheep.	Per Lamb.
	No.	No.	lb.	lb.	lb.	lb.
1936-37 .. ..	15,654,911	3,361,578	118,994,899	7,346,487	7·60	2·19
1937-38 .. ..	16,402,071	4,308,272	133,228,048	9,176,862	8·12	2·13
1938-39 .. ..	16,319,184	3,368,603	124,666,402	6,799,493	7·64	2·02
1939-40 .. ..	15,724,115	3,532,198	139,334,257	8,422,321	8·86	2·38
1940-41 .. ..	17,458,106	4,932,852	143,969,249	11,124,590	8·25	2·26

## VICTORIA—WOOL PRODUCTION AND VALUE.

Season.	Clip.	Stripped from and Exported on Skins, &c.	Total Quantity.	Gross Value.	Average Price per lb.
1936-37 .. ..	126,341,386	36,707,124	163,048,510	11,133,757	16·39
1937-38 .. ..	142,404,910	36,485,221	178,890,131	9,517,061	12·77
1938-39 .. ..	131,465,895	34,363,287	165,829,182	7,315,016	10·59
1939-40 .. ..	147,756,578	31,368,948	179,125,526	10,497,141	14·06
1940-41 .. ..	155,093,839	32,737,525	187,831,364	11,120,160	14·21

The annual collection of statistics is carefully and efficiently carried out by the police. It is realized, however, that the wool clip as recorded is not likely to cover the whole clip, which was shorn some months prior to the collection. After investigation, and examination of the results of investigations elsewhere, it is considered that the quantity not recorded does not exceed 5 per cent. of the Victorian clip.

There is some uncertainty also associated with skin wool. Allowance is made for skins from other States which are exported from Victoria, so that they are not included in Victorian production. The Victorian figures do, however, include skin wool from all sheep and lambs slaughtered in Victoria, even though some of such sheep were brought over from other States for slaughter.

**Marketing of Wool.** Under normal conditions of marketing, wool is sold by public auction at established "selling centres". These sales are attended by representatives of firms from practically every country in which woollen goods are manufactured extensively and also by buyers representing local woollen mills.

Wool is sold on a clean scoured basis. A light conditioned, high quality fleece would weigh a good deal less than a heavy conditioned, sandy, burry one. The extra weight compensates to some extent for the lower price received per lb. Some woolgrowers place importance on the price per lb. obtained for wool and others on the return per sheep.

When wool is sold at auction it is subject to the vagaries of fashion and competition, which make fluctuations inevitable. As a result, prices are sometimes more and sometimes less than the true market value. Some growers value their wool and set reserves thereon. Their valuations can only be approximations as the individual grower cannot be aware of all the factors which determine the prices realized.

Auction sales arranged for the sale of the 1939 clip were postponed owing to the international situation and, following the outbreak of war on the 3rd September, 1939, the Commonwealth Government two days later announced that the British Government would purchase the Australian wool clip for the duration of the war and for one full year thereafter.

A Central Wool Committee was appointed to control the receivals, storage, appraisement and shipment of wool to the United Kingdom and other destinations arranged by the United Kingdom. After negotiations, a flat price of 10 $\frac{3}{4}$ d. per lb. sterling, equivalent to 13·437d. per lb. Australian currency, in store at seaboard, was agreed upon. This purchase price operated until the 1942 clip when the purchase price was raised to 12·3625d. per lb. sterling or 15·453d. per lb. Australian currency. Since a flat price per lb., irrespective of type or quality would obviously be unfair, the clip receivals are being appraised by experts selected by the Wool Committee. Each type is given a standard specification and, if this is not fulfilled, the wool is reduced to a lower type level and consequently appraised at a lower price. As a result the factors which govern sales by auction cannot operate.

Approximately 1,500 different types or grades of wool have been established throughout Australia and, having regard to the fact that prices vary from a few pence to over thirty pence per lb., it is impossible at the time of appraisement, to determine values so that the fixed average price over all would be obtained. Therefore, at appraisement, a conservative value is given which permits of a reasonable margin of safety. A final adjustment is then made at the end of each season.

The interests of Australian mills are safeguarded under the purchase arrangement and manufacturers have first choice of appraised wools to meet their full requirements for military and civil purposes and for combing for export by Australian topmakers. Manufacturers are charged appraisement prices plus a surcharge to cover any probable undervaluation at the time of appraisement. Up to the present time the surcharge made has not been sufficient to meet the actual value and consequently mills have obtained their supplies at a discount. In order to make up these deficiencies the surcharge for the 1942-43 season has been increased to 25 per cent. for shorn and 17 $\frac{1}{2}$  per cent. for fellmongered wool. When supplies are obtained for export purposes a further charge of 10 per cent. is made.

**Prices of Wool.**

The following information as to the average prices of wool per lb. which have prevailed during the last three seasons has been obtained from Victorian wool brokers. These prices are for wool *sold*—not only for wool *grown*—in Victoria. Wool from the Riverina and the south-east of South Australia is included in Victorian sales.

PRICES OF WOOL SOLD OR APPRAISED IN VICTORIA,  
1938-39 TO 1940-41.

Class of Wool.	Average Price per lb. in—		
	1938-39.	1939-40.*	1940-41.*
GREASY MERINO.			
	Pence.	Pence.	Pence.
Extra Super (Western District) ..	18 to 21	28 to 31	27 to 33
Super .. .. .	16 to 18	24 to 27	22 to 26
Good .. .. .	14 to 16	20 to 23	18 to 21
Average .. .. .	12 to 14	16 to 19	14 to 17
Wasty and Inferior .. .. .	8 to 11	11 to 15	9 to 13
Extra Super Lambs .. .. .	17 to 19	26 to 29	26 to 29
Super Lambs .. .. .	14 to 16	21 to 25	20 to 25
Good Lambs .. .. .	10 to 12	16 to 20	16 to 20
Average Lambs .. .. .	8 to 10	12 to 15	12 to 15
Inferior Lambs .. .. .	5 to 7	6 to 10	7 to 11
GREASY CROSSBRED.			
Extra Super Comebacks .. .. .	18 to 20	22 to 24	21 to 24
Super Comebacks .. .. .	16 to 17	17 to 20	17 to 20
Fine Crossbred .. .. .	14 to 15	16 to 19	16 to 19
Medium Crossbred .. .. .	13 to 14	15 to 18	15 to 18
Coarse Crossbred and Lincoln .. .. .	12 to 13	12 to 14	13 to 16
Super Fine Crossbred Lambs .. .. .	11 to 12	16 to 19	16 to 19
Good Crossbred Lambs .. .. .	9 to 10	12 to 15	12 to 14
Coarse and Lincoln Lambs .. .. .	7 to 8	11 to 14	11 to 13
SCOURED.			
Extra Super Fleece .. .. .	22 to 26	30 to 33	29 to 31
Super Fleece .. .. .	21 to 25	26 to 29	24 to 28
Good Fleece .. .. .	18 to 20	23 to 25	21 to 23
Average Fleece .. .. .	16 to 18	20 to 22	18 to 20
RECORD PRICES FOR THE SEASON.			
Greasy Merino Fleece .. .. .	26½	31	33½
„ Comeback Fleece .. .. .	20½	24	24
„ Merino Lambs .. .. .	26½	28½	29½
„ Comeback Lambs .. .. .	21	23½	23½
Scoured Fleece .. .. .	24½	32½	30

\* Appraisalment prices—subject to additions of 8½ per cent. and 11 per cent. respectively.

In the subjoined table will be found a statement of the average and of the range of prices of live stock ruling in metropolitan saleyards at Newmarket during the years 1939-40 and 1940-41. The averages stated are the mean of the

**Prices of Live Stock.**

monthly prices realized. Prices of live stock vary each year under the influence of seasonal conditions, prices of wool, &c. During periods of dry weather, stock are hastened to market and consequently prices decline but, with the advent of relief rains, stock are withheld for fattening, breeding, &c., and prices rise.

VICTORIA—PRICES OF LIVE STOCK, 1939-40 AND 1940-41.

Stock.	1939-40.			1940-41.		
	Average.	Range.		Average.	Range.	
<i>Fat Cattle.</i>	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
<b>Bullocks—</b>						
Extra prime ..	15 12 8	13 11 3	to 18 9 11	19 6 0	17 6 7	to 20 18 3
Prime ..	13 12 4	10 12 9	to 16 10 0	17 6 1	16 0 0	to 18 13 9
Good ..	12 9 4	10 3 9	to 15 0 3	15 3 2	13 9 6	to 16 15 0
Good light and handy weights	10 12 6	8 15 0	to 13 7 6	13 6 6	12 0 0	to 14 17 2
Second ..	10 3 4	8 6 3	to 11 6 3	10 18 8	9 11 11	to 13 5 0
<b>Cows—</b>						
Best ..	10 12 2	8 19 1	to 13 1 1	13 1 8	11 10 6	to 14 9 0
Others ..	6 8 3	5 9 6	to 7 2 9	7 9 7	6 9 0	to 8 10 0
 <i>Dairy Cattle.</i>						
Milkers (best) ..	15 6 2	13 11 9	to 17 0 0	13 13 10	11 18 9	to 15 16 6
Springers (best) ..	11 15 9	10 13 6	to 12 16 3	11 1 6	9 16 3	to 13 15 7
 <i>Fat Sheep.</i>						
<b>Crossbred Wethers—</b>						
Extra prime ..	1 7 3	0 18 6	to 1 12 2	1 5 2	0 19 7	to 1 13 3
Prime ..	1 4 5	1 0 2	to 1 8 1	1 2 1	0 16 7	to 1 9 8
Good ..	1 1 11	0 18 2	to 1 5 8	0 19 2	0 14 2	to 1 6 11
<b>Crossbred Ewes—</b>						
Extra prime ..	1 4 0	1 2 5	to 1 5 6	0 19 1	0 12 7	to 1 6 7
Prime ..	1 1 2	0 18 6	to 1 4 4	0 16 4	0 10 7	to 1 4 2
Good ..	0 18 4	0 16 6	to 1 0 4	0 13 2	0 7 6	to 1 0 7
<b>Merino Wethers—</b>						
Extra prime ..	1 7 6	1 6 7	to 1 8 4	1 2 0	0 14 9	to 1 9 7
Prime ..	1 1 11	0 17 5	to 1 5 5	0 19 7	0 12 8	to 1 7 10
Good ..	0 19 5	0 15 7	to 1 2 7	0 16 6	0 10 2	to 1 3 5
 <i>Fat Lambs.</i>						
Extra prime ..	1 5 5	1 1 5	to 1 10 0	1 3 2	0 19 7	to 1 8
Prime ..	1 2 11	0 19 4	to 1 7 0	1 0 1	0 16 4	to 1 5 3
Good ..	1 1 0	0 17 8	to 1 3 10	0 17 6	0 14 2	to 1 2 3
 <i>Pigs.</i>						
<b>Back Fatters—</b>						
Extra heavy prime ..	9 0 11	7 11 10	to 10 10 6	6 14 2	5 0 0	to 8 3 11
Prime medium and weighty ..	7 7 0	6 0 7	to 9 6 3	5 4 6	3 15 3	to 7 2 5
<b>Baconers—</b>						
Medium and heavy ..	4 8 0	3 18 6	to 4 15 11	3 14 3	2 16 1	to 4 12 5
Light ..	3 13 4	3 6 10	to 4 0 2	3 1 9	2 3 1	to 3 15 1
Porkers ..	2 12 11	2 7 2	to 2 18 3	2 4 4	1 15 2	to 2 13 5

**Stock Slaughtered.** The following table shows the number of slaughtering establishments and the stock slaughtered in the State during each of the five years, 1937-41:—

VICTORIA—STOCK SLAUGHTERED, 1937 TO 1941.

Kind of Stock.	Stock Slaughtered in Establishments and on Farms and Stations.				
	Year Ended June—				
	1937.	1938.	1939.	1940.	1941.
	No.	No.	No.	No.	No.
Sheep .. ..	3,087,809	3,474,819	3,699,566	3,265,666	3,785,848
Lambs .. ..	4,826,624	4,653,725	4,028,208	3,725,080	4,587,329
Bullocks .. ..	208,569	199,032	167,826	175,550	159,707
Cows .. ..	216,073	216,495	195,426	169,328	167,183
Young cattle .. ..	86,950	89,860	81,157	61,746	64,039
Calves .. ..	393,297	465,951	367,294	330,636	331,675
Pigs .. ..	568,477	509,041	434,368	422,535	571,006
Number of Slaughter-houses .. ..	769	755	721	687	642

**Frozen Mutton and Lamb Exported.** The importance of the mutton and lamb export trade to sheep owners is indicated by the export figures for the years 1936 to 1939 as shown in the statement hereunder. Particulars for later years are not available for publication.

Seasonal influences are principally responsible for fluctuations in the various years.

FROZEN MUTTON AND LAMB EXPORTED FROM VICTORIAN PORTS.

Year Ended 30th June—	Carcasses Exported.					
	Mutton.			Lamb.		
	Number.	Average Weight.	Value.	Number.	Average Weight.	Value.
		lb.	£		lb.	£
1936 ..	312,808	43	224,243	2,921,902	33	2,489,952
1937 ..	367,622	44	283,521	3,159,806	32	2,803,421
1938 ..	331,674	41	214,047	3,207,620	30	2,904,460
1939 ..	367,835	40	201,586	2,853,876	30	2,356,159

**Cattle.** Cattle-raising has always been one of the more important primary industries in this State, despite the gradual increase in the areas devoted to dairy farming, sheep-raising, and cultivation. This has been due mainly to the considerable improvement in methods of pasture management, including the practice of top-dressing. Vigilant inspection of stock and the rigid quarantine of stock imported from oversea have kept herds in Victoria free from many forms of contagious diseases and animal pests with which stock in other countries are afflicted. The numbers of live stock in each county of the State will be found on page 418 of this issue.

**Silage.** Ensilage is an economical and safe method of conserving fodder in a succulent form, which is relished by stock during dry periods. Expensive precautions against damage by fire, rodents and stock, required for other fodders, are not necessary in the case of silage.

The following table gives particulars of the silage made in Victoria during the seasons 1936-37 to 1940-41 :—

#### SILAGE IN VICTORIA, 1936-37 TO 1940-41.

Season.	Farms on which Silage Made.		Districts in which Made.							
	No.	Tons.	Central.	North Central.	Western.	Wimmera.	Mallee.	Northern.	North Eastern.	Gippsland.
1936-37 ..	549	32,902	11,635	886	2,085	281	150	1,022	4,617	12,226
1937-38 ..	841	46,860	14,094	533	4,043	332	488	1,801	9,351	16,218
1938-39 ..	549	28,716	6,675	389	3,696	438	152	952	7,847	8,567
1939-40 ..	1,292	78,193	19,673	1,989	9,503	859	1,045	3,450	22,318	19,356
1940-41 ..	648	30,520	6,685	1,033	2,163	522	1,512	3,341	6,551	8,713

**Apiculture.** Prior to the season 1936, the statistics of honey and beeswax were based on returns received from apiarists who were permanent occupiers of holdings of one acre and upwards. As a consequence, production was understated because of the exclusion of (a) hives on areas of less than one acre, and (b) travelling beekeepers who were not occupiers of rural holdings.

Since the season 1935-36, all beekeepers have been required to furnish returns, the particulars of which are given in the following table :—

VICTORIA—BEE-HIVES, HONEY AND BEESWAX, 1936-37  
TO 1940-41.

Season Ended May—	Bee-keepers.	Hives.	Production.		Gross Value.	
			Honey.	Beeswax.	Honey.	Beeswax.
	No	No.	lb.	lb.	£	£
1937 .. ..	3,422	99,618	3,439,262	40,612	53,738	2,707
1938 .. ..	3,119	92,226	4,541,516	54,184	70,961	3,612
1939 .. ..	2,445	63,986	1,340,046	22,285	27,918	1,300
1940 .. ..	2,281	70,092	2,752,125	35,630	74,537	2,969
1941 .. ..	2,197	69,969	4,503,927	56,850	107,907	6,158

**Poultry Census.** A table showing the number of poultry owners and of poultry in Victoria, as at the date of the Census in each of the years 1881, 1891, 1901, 1911, and 1933 was published on page 488 of the 1938-39 issue of the *Year-Book*.

**Establishment of Marketing Boards.** A summary of the principal legislative provisions of the *Marketing of Primary Products Act 1935* was published on pages 446 to 448 of the *Victorian Year-Book* for 1934-35.

Pursuant to such Act, Marketing Boards have been constituted for onions, chicory, maize, and eggs and egg pulp.

**Wholesale  
Prices of  
Principal  
Products.**

The following table gives the average of the Melbourne wholesale prices of the principal agricultural, dairying, and pastoral food products for each month of the year ended June, 1941:—

**MELBOURNE—WHOLESALE PRICES—YEAR ENDED JUNE, 1941.**

	1940.						1941.					
	July.	August.	Sept.	October.	Nov.	Dec.	January.	February.	March.	April.	May.	June.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
<b>Agricultural—</b>												
Wheat .. per bushel	4 2 $\frac{1}{2}$	4 2 $\frac{1}{2}$	4 2 $\frac{1}{2}$	4 1 $\frac{3}{8}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$	4 0 $\frac{3}{4}$
Barley—												
English .. .. .	4 3	4 3	4 3	4 3	4 3	4 3	5 2	5 2	5 2	5 2	5 2	5 2
Cape .. .. .	3 6	3 6	3 6	3 6	3 6	3 6	4 5	4 5	4 5	4 5	4 5	4 5
Oats Milling .. .. .	2 1 $\frac{1}{2}$	2 3 $\frac{3}{4}$	2 10 $\frac{1}{2}$	3 1 $\frac{1}{8}$	3 6 $\frac{1}{2}$	3 7	3 6 $\frac{1}{2}$	3 5 $\frac{1}{2}$	3 5 $\frac{1}{2}$	3 6 $\frac{1}{8}$	3 6 $\frac{1}{8}$	3 7 $\frac{3}{8}$
Maize .. .. .	5 9	5 9	5 9	5 11	6 5 $\frac{1}{2}$	6 6	6 9 $\frac{1}{2}$	7 0	7 0	7 0	5 1 $\frac{1}{2}$	4 2 $\frac{1}{2}$
Peas .. .. .	7 2 $\frac{1}{2}$	7 6	7 4	7 3 $\frac{3}{8}$	7 5 $\frac{1}{2}$	7 7 $\frac{1}{2}$	8 5 $\frac{1}{2}$	8 10 $\frac{1}{2}$	8 3 $\frac{3}{4}$	8 5 $\frac{1}{8}$	9 1 $\frac{3}{8}$	9 3
Bran .. .. . per ton	110 0	110 0	111 7	120 0	120 0	120 0	120 0	120 0	120 0	120 0	120 0	120 0
Pollard .. .. .	110 0	110 0	111 7	120 0	120 0	120 0	120 0	120 0	120 0	120 0	120 0	120 0
Flour (first quality)* ..	257 6	257 6	257 6	257 6	257 6	257 6	257 6	257 6	257 6	257 6	257 6	257 6
Oatmeal (bulk) .. .. .	291 0	291 0	363 9	363 9	384 6	384 6	384 6	384 6	384 6	467 8	467 8	478 0
Potatoes .. .. .	216 7	241 7	286 1	265 6	245 7	265 5	269 0	115 1	101 8	75 8	57 10	55 3
Onions .. .. .	197 3	160 1	114 2	98 1	265 0	344 7	292 7	150 3	166 11	188 9	195 9	220 0
<b>Butchers' Meat—</b>												
Beef, prime .. per 100 lb.	42 8	45 4	45 9	46 1	40 8	42 0	41 6	38 11	38 7	38 7	37 6	38 0
Mutton .. .. . per lb.	0 3 $\frac{3}{4}$	0 3 $\frac{1}{2}$	0 3 $\frac{3}{4}$	0 3 $\frac{3}{8}$	0 2 $\frac{3}{4}$	0 2 $\frac{3}{4}$	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 2 $\frac{3}{8}$	0 2 $\frac{1}{2}$
Pork .. .. .	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 7 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 5
Veal .. .. .	0 4 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 4	0 4 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 3 $\frac{1}{2}$
Lamb .. .. .	0 6 $\frac{3}{4}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{4}$	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$	0 4 $\frac{3}{4}$	0 4 $\frac{3}{4}$
<b>Dairy and Farmyard Produce—</b>												
Butter .. .. . per lb.	1 5	1 5	1 5	1 5	1 5	1 5	1 5	1 5	1 5	1 5	1 5	1 5
Bacon .. .. .	1 1 $\frac{1}{2}$	1 2	1 2	1 2	1 2	1 2	1 1 $\frac{1}{2}$	1 1	1 1 $\frac{1}{2}$	1 1 $\frac{1}{2}$	1 1 $\frac{1}{2}$	1 1 $\frac{1}{2}$
Ham .. .. .	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$	1 6 $\frac{1}{2}$
Cheese (matured) .. .. .	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
Honey .. .. .	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6 $\frac{1}{2}$	0 6	0 6	0 6	0 5 $\frac{1}{2}$	0 5 $\frac{1}{2}$
Eggs .. .. . per doz.	1 4 $\frac{1}{2}$	1 2	1 1	0 11 $\frac{1}{2}$	1 0 $\frac{3}{4}$	1 2	1 2	1 2	1 5 $\frac{1}{2}$	1 10 $\frac{1}{2}$	1 11 $\frac{1}{2}$	1 8 $\frac{1}{2}$

\* Price quoted includes Flour tax.

**Retail  
Prices.**

The following table gives the average of the Melbourne retail prices of certain items of Groceries, &c., for each month of the year ended June, 1941:—

**MELBOURNE—RETAIL PRICES—YEAR ENDED JUNE, 1941.**

Article.	Unit.	1940.						1941.					
		July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	June.
		d.	d.	d.									
<b>Groceries, &amp;c.—</b>													
Bread .. .. .	2 lb.	5.55	5.55	5.55	5.53	5.55	5.55	5.53	5.53	5.53	5.53	5.53	5.53
Flour, self-raising .. .. .	..	7.45	7.45	7.90	7.95	7.95	7.95	7.95	8.00	7.85	7.55	7.40	7.40
Tea .. .. .	lb.	28.60	28.40	29.10	31.10	31.00	32.05	33.25	33.25	33.25	33.25	35.05	35.05
Jam, plum .. .. .	1½ lb.	9.40	9.35	9.30	9.30	9.40	9.40	9.35	9.25	9.30	9.30	9.25	9.20
Oats, flakes .. .. .	lb.	2.70	2.68	2.80	2.80	2.93	3.00	3.00	3.03	3.11	3.19	3.19	3.36
Raisins, seeded .. .. .	..	10.75	11.00	10.95	10.85	10.70	10.70	10.75	10.80	10.80	10.90	10.90	10.95
Peaches, canned .. .. .	30 oz.	10.25	10.30	10.25	10.30	10.25	10.30	10.30	10.35	10.35	10.35	10.40	10.40
Pears, canned .. .. .	..	11.10	11.20	11.20	11.15	11.15	11.15	11.20	11.25	11.20	11.20	11.25	11.25
Salmon, in tins .. .. .	lb.	15.28	15.28	15.28	16.17	16.39	16.44	16.89	17.22	17.67	17.89	18.50	18.44
Potatoes .. .. .	7 lb.	12.44	11.89	14.83	14.80	16.24	15.87	16.32	8.43	6.00	5.81	4.41	4.57
Onions, brown .. .. .	lb.	1.94	1.83	1.67	1.50	2.06	2.97	3.11	2.38	1.83	1.83	1.78	1.83
<b>Dairy Produce—</b>													
Butter, factory .. .. .	lb.	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50	19.50
Eggs, new laid .. .. .	doz.	20.90	17.15	15.80	14.00	17.60	17.10	18.10	20.05	21.05	25.80	27.11	24.20
Bacon, rashers .. .. .	lb.	20.40	20.50	20.30	20.35	20.45	20.45	20.45	20.45	20.45	20.25	20.15	19.80
Milk, fresh .. .. .	quart	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	6.85	7.35	7.35	7.35
<b>Meat—</b>													
Beef, sirloin .. .. .	lb.	11.55	11.55	11.35	11.65	11.60	11.55	11.55	11.75	11.45	11.45	11.30	10.85
"  rib .. .. .	..	9.35	9.35	9.50	9.45	9.30	9.35	9.45	9.20	9.25	9.30	8.90	8.85
"  steak, rump .. .. .	..	16.60	16.60	17.00	17.30	17.30	17.40	17.40	17.40	17.40	17.40	17.40	17.20
"  chuck .. .. .	..	7.90	7.85	8.00	8.05	7.95	7.85	7.85	7.85	7.85	7.85	8.00	7.95
"  sausages .. .. .	..	6.50	6.50	6.50	6.50	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
"  corned, silverside .. .. .	..	9.60	9.65	9.70	10.05	9.95	9.80	9.90	10.00	9.90	9.80	9.60	9.70
"  brisket .. .. .	..	7.40	7.45	7.50	7.85	7.75	7.60	7.60	7.55	7.55	7.50	7.15	7.25
Mutton, leg .. .. .	..	8.40	8.25	8.25	8.10	7.65	7.70	7.80	7.75	7.85	7.85	7.25	7.30
"  forequarter .. .. .	..	5.10	5.10	5.05	5.05	4.75	4.65	4.60	4.55	4.50	4.55	4.30	4.30
"  loin .. .. .	..	7.75	7.90	7.85	7.85	7.30	7.20	7.40	7.35	7.50	7.40	7.20	7.10
"  chops, loin .. .. .	..	8.70	8.90	8.70	8.65	8.80	8.85	8.65	8.55	8.65	8.80	8.40	8.50
"  leg .. .. .	..	9.15	9.25	9.20	9.30	9.10	9.25	9.05	9.25	9.25	9.25	8.95	9.00
Pork, leg .. .. .	..	12.90	12.80	12.90	12.80	12.45	12.45	12.55	12.25	12.25	12.20	11.70	11.50
"  chops .. .. .	..	13.80	13.90	14.00	14.10	14.00	13.70	13.60	13.30	13.20	13.20	12.90	12.60

*Production.*

### FORESTRY.

**Administration.** The State forests comprise both reserved and protected forests and are controlled by a Commission of three which was first appointed in 1919. Pursuant to the *Public Service (Transfer of Officers) Act 1937* the staff of the Commission was transferred to the State Public Service.

For the purposes of administration, the State forests are divided into five inspectorates and 52 forest districts.

**Area of Permanently Reserved Forest.** At the 31st December, 1940, the forest area of the State was 4,860,059 acres, of which 4,141,925 acres were classified as permanent forests, and 718,134 acres as timber reserves. Of this area, 2,739,657 acres have been assessed by survey, of which 1,267,366 acres have been brought under working plans for more intense management. The area of indigenous forest improved or regenerated was 1,044,539 acres.

**Protected Forests.** In addition to the 4,860,059 acres aforementioned, there were 330,027 acres reserved as State Forests and Timber Reserves under the Land Acts. Including these reserves, but excluding areas reserved as sites for Gardens, Parks and Recreation Purposes, all remaining Crown lands have been proclaimed "Protected Forests." It should not be assumed, however, that all of these lands are "forests" as the term is generally understood, as over 6,000,000 acres comprise roads, water frontages, beds of rivers and lakes, and unsold land in cities, towns and boroughs. In addition, on the area of more than 8,000,000 acres in occupation under grazing and other leases, much of the timber is of little or no commercial value because of remoteness, inaccessibility, or other causes.

**Nurseries.** To encourage the growth of softwoods or conifers in both State and private plantations, three large nurseries have been established at Creswick, Macedon, and Broadford. In addition to providing trees for the plantations, the nurseries supply considerable numbers of plants at low rates to State schools, public bodies, and private applicants. This has proved of great benefit to the community by fostering an interest in tree planting generally, and especially by encouraging farmers to plant in order to afford protection to their homesteads and to provide shade and shelter for their flocks and herds.

**Forestry Fund.** The Forestry Fund was established in 1918 by Act No. 2976, and made applicable only to expenditure on the improvements and reforestation of State Forests and the development of forestry. In each year the Treasurer makes a grant to the Fund of £40,000 (reduced to £32,000 under the provisions of the *Financial Emergency Act 1931*) out of the Consolidated Revenue, and also transfers half of the amount in excess of £80,000 received from royalties, leases, licences, and permits.

**Revenue and Expenditure.** The revenue derived from forest sources during the financial year 1940-41 was £325,500, and the expenditure £615,165—£49,798 of which was paid out of the Unemployment Relief Fund, £182,885 out of the Consolidated Revenue, £278,742 out of loan funds, and the balance—£103,740—from the Forestry Fund.

**Forests Output.** The output of sawn timber from State Forests in 1940-41 was 15,962,000 cubic feet. In addition, 13,680,000 cubic feet of fuel timber and 4,189,000 cubic feet of miscellaneous timber were produced.

Particulars of sawn timber and firewood, from all sources, will be found on pages 465 and 466 of this volume.

**Silviculture of Indigenous Forests.** The various types of silvicultural operations in the indigenous forests over the period 1937-38 to 1940-41 are indicated in the following table:—

VICTORIA—SILVICULTURAL OPERATIONS IN STATE FORESTS, 1937-38 TO 1940-41.

Nature of Work.	1937-38.	1938-39.	1939-40.	1940-41
	Acres.	Acres.	Acres.	Acres.
First thinning .. .. .	41,823	16,788	6,823	5,326
Second or subsequent thinning ..	10,413	10,027	4,823	3,632
Regeneration or liberation treatment by ring-barking .. .. .	16,392	4,478	360	1,755
Artificial regeneration by sowing ..	246	..	369	..
Removal of surplus coppice .. .. .	85,859	42,368	49,138	70,437
Salvage felling .. .. .	..	..	..	..
Total area treated .. .. .	154,733	73,661	61,513	81,150

**Plantations  
of Exotic  
Timbers.**

The total area planted during the 1940 planting season was 1,262 acres, comprising extensions to existing plantations, 22 acres; restocking cut-over areas, 52 acres; restocking burned areas, 308 acres; and renewals, 880 acres. The area planted according to species during the 1940 season and the total area of coniferous plantations at the end of that season are shown in the following table:—

## VICTORIA—CONIFEROUS PLANTATIONS, 1940.

	Area Planted 1940 Season.	Total Area of Coniferous Plantations.
	Acres.	Acres.
Monterey Pine ( <i>Pinus Radiata</i> ).. .. .	578	27,288
Western Yellow Pine ( <i>Pinus ponderosa</i> ) .. .. .	466	5,882
Douglas Fir ( <i>Pseudotsuga taxifolia</i> ) .. .. .	50	2,712
Corsican Pine ( <i>Pinus laricio</i> ) .. .. .	142	4,391
Maritime Pine ( <i>Pinus Pinaster</i> ) .. .. .	..	2,871
Prickle Pine ( <i>Pinus Muricata</i> ) .. .. .	} 26	1,324
Sitka Spruce ( <i>Picea sitchensis</i> ) .. .. .		
Other species .. .. .		
	1,262	44,483

**Plantation  
Output.**

The plantation output of felled softwood timber, including pulpwood obtained from tops and small thinnings, in 1940-41 amounted to 10,107,677 superficial feet, which realized. £27,705. The corresponding figures for 1939-40 were 8,369,277 superficial feet and £16,265. Approximately 74 per cent. of the 1940-41 output consisted of thinnings and the balance of clear fellings.

**Other  
Commercial  
Softwood  
Plantations.**

There are not many private commercial plantations of softwoods in Victoria. The largest is at Dartmoor, near the South Australian border, where a company holds 11,361 acres (approximately 9,000 acres in Victoria) of which 7,000 acres have been planted. The same company holds 1,225 acres at Rosebud (403 acres planted).

The Ballarat Water Commission has an area of approximately 3,500 acres available for afforestation, of which 1,000 acres are planted with conifers. Its present planting programme provides for 25,000 trees (50 acres) per annum.

Trees and forest thinnings, down to a diameter of about 5 inches, are utilized in the Commission's case-making plant, the output of which amounts approximately to £10,000 per annum. Smaller diameter thinnings are disposed of for paper pulping purposes.

Severe damage to the plantations was caused by the bush fires of 1939, about 240,000 trees being destroyed. The loss, after making allowance for the timber salvaged, has been estimated at £10,000.

**The Wood-Pulp Agreement Act.** The *Wood Pulp Agreement Act* 1936 (No. 4451) passed on 27th December, 1936, is "an Act to ratify validate approve and otherwise give effect to an agreement between the Minister of Forests, the Forests Commission, and Australian Paper Manufacturers Limited with respect to the establishment of the wood-pulp industry." The agreement which is for fifty years provides *inter alia* that the Company (Australian Paper Manufacturers Limited) on its part shall, within three years of date of agreement, expend £300,000 in establishing the wood-pulp manufacturing industry and, on the part of the Forests Commission, the terms and conditions on which the Commission will provide the minimum annual supply to the Company of the variety of pulp-wood timber prescribed in the agreement. The Commission is required to provide and the Company to take, on an ascending yearly scale, such supply of pulp-wood as will produce, in the first year of commercial production, 10,000 tons of wood-pulp, increasing to 25,000 tons in the fifth year and thereafter.

**Production of Wood Pulp.** The first manufacturing unit—the Pilot Mill—erected in accordance with the above-mentioned agreement came into production in January, 1938, with a capacity production of 3,000 tons of air-dried pulp per annum. The main mill, which commenced production in October, 1939, has a capacity output of approximately 30,000 tons of kraft pulp per annum.

**Supply of Pulp-wood from State Forests.** Consignment of pulp-wood from the State forests to the mill at Maryvale commenced in October, 1937. During the year 1940-41, deliveries to the mill, from State forests only, totalled 1,877,514 cubic feet as compared with 496,648 cubic feet in 1939-40.

**Timber Salvage from Burnt-out Areas.** Following upon the disastrous bush fires of 1939 (references to which appeared on pages 5, 286, 494, and 495 of the 1938-39 issue of the *Year-Book*) it was estimated that, of the 2,000,000,000 superficial feet of fire-killed timber, 916,000,000 superficial feet could be recovered. Under the provisions

of the *State Forests (Timber Salvage) Loan and Application Act 1939*, salvage of Mountain Ash and Alpine Ash timber is proceeding. Up to the 30th June, 1941, the quantity salvaged amounted to 368,000,000 superficial feet.

**Production of Charcoal.** The necessity for maintaining essential road transport in operation in the face of drastically curtailed supplies of petrol has resulted in an increased demand for charcoal. To insure that adequate charcoal should be available to meet all demands, the Commission has installed plant capable of sustaining an output of from 8,000 to 10,000 tons per annum.

Charcoal produced during the year 1940-41 from State Forests and on which a royalty was received amounted to 1,680 tons as compared with 965 tons in 1939-40.

### FISHERIES.

**Numbers of men and boats engaged in fishing.** The numbers of men and boats engaged in the fishing industry at the different fishing stations throughout the State are given in the following table for the year 1940-41 :—

#### VICTORIAN FISHERIES—MEN AND BOATS EMPLOYED, 1940-41.

Fishing Stations.	Number of Men.	Boats.		Value of Nets and other Plant.
		Number.	Value.	
Anderson's Inlet (Inverloch) .. .. .	15	5	£ 450	£ 157
Apollo Bay .. .. .	27	12	1,148	280
Barwon Heads and Ocean Grove .. .. .	9	6	1,096	115
Brighton .. .. .	19	2	58	15
Corner Inlet, Welshpool, Toora, and Port Franklin .. .. .	74	72	7,023	2,695
Dromana and Rosebud .. .. .	31	26	4,441	534
Frankston .. .. .	25	14	946	458
Geelong .. .. .	132	49	3,628	1,247
Gippsland Lakes .. .. .	168	142	16,071	5,174
Kerang .. .. .	9	6	49	90
Lake Boga .. .. .	4	3	13	26
Lorne .. .. .	21	10	1,465	205
Mentone .. .. .	11	3	73	52
Mordialloc, Chelsea, and Carrum .. .. .	101	56	3,905	1,367
Mornington .. .. .	35	26	1,760	12
Portarlington and St. Leonards .. .. .	63	50	4,896	1,575
Portland .. .. .	35	30	7,071	934
Port Albert .. .. .	72	49	7,719	1,094

VICTORIAN FISHERIES—MEN AND BOATS EMPLOYED, 1940-41—cont'd.

Fishing Stations.	Number of Men.	Boats.		Value of Nets and other Plant.
		Number.	Value.	
Port Campbell .. .. .	5	2	£ 140	£ 10
Port Fairy .. .. .	56	33	12,525	949
Port Melbourne .. .. .	59	29	4,703	609
Queenscliff .. .. .	81	59	14,049	1,586
Sandringham and Black Rock .. .. .	31	19	1,052	233
Sorrento, Portsea, and Rye .. .. .	39	34	3,242	504
St. Kilda .. .. .	65	20	2,633	518
Torquay .. .. .	11	5	228	76
Warnambool .. .. .	21	8	1,416	185
Werribee .. .. .	30	16	903	357
Waranga Basin .. .. .	..	..	..	..
Western Port (Cowes, Hastings, Grantville, Flinders, San Remo, and Tooradin)	144	138	19,175	3,305
Williamstown and Altona .. .. .	154	77	5,817	1,485
Wonthaggi .. .. .	17	6	1,240	150
Total .. .. .	1,564	1,007	128,935	25,997

**Melbourne Fish Market.** The quantities and values of fish sold in the Melbourne Fish Market during each of the years 1939-40 and 1940-41 are shown in the next table:—

FISH SOLD IN THE MELBOURNE FISH MARKET,  
1939-40 AND 1940-41.

	1939-40.		1940-41.	
	Quantity.	Value.	Quantity.	Value.
		£		£
Fresh Fish (Victorian) lb.	11,681,145	241,410	11,196,200	279,905
Crayfish .. doz.	40,339	50,424	40,017	60,026
Imported Fish (fresh or frozen) .. lb.	2,941,232	118,500	2,850,168	139,126
Oysters .. bags	13,858	40,020	15,113	51,630
Total .. .. .	..	450,354	..	530,687

Prawns (15,300 lb.) and smoked fish (2,464 lb.) were also sold in this market during 1940-41.

**Victorian  
fish sold.**

The quantity and value of fish caught in Victorian waters and sold in the Melbourne and Ballarat markets and in other towns in Victoria in 1940-41 were:—

### VICTORIAN FISH SOLD IN 1940-41.

Markets.	Quantity.		Value.	
	Fish.	Crayfish.	Fish.	Crayfish.
	lb.	doz.	£	£
Melbourne .. ..	11,196,200	4,813	279,905	7,220
Ballarat .. ..	151,752	54	3,794	40
Other towns in Victoria ..	437,136	..	10,928	..
Total .. ..	11,785,088	4,867	294,627	7,260

### RABBITS, ETC.

**Rabbits, &c.,  
sold at  
Melbourne  
Fish Market.**

The quantities of rabbits and hares and wild-fowl sold at the Melbourne Fish Market in each of the past five years were as shown in the following statement:—

### RABBITS AND HARES, AND WILD-FOWL SOLD AT THE MELBOURNE FISH MARKET.

Year ended 30th June—				Rabbits and Hares.	Wild-fowl.
				pairs.	brace.
1936	..	..	..	744,584	..
1937	..	..	..	498,888	2,316
1938	..	..	..	536,256	3,000
1939	..	..	..	502,560	1,020
1940	..	..	..	559,428	6,444
1941	..	..	..	527,916	192

### MINES AND MINERALS.

The rights of the Crown to all minerals on or below the surface of the ground were matters of dispute in English law over a very long period. By the time of Elizabeth, however, those rights, so far as pure gold and silver were concerned, were firmly established,<sup>(1)</sup> and the only remaining doubt was whether, if gold or silver was found intermixed with the baser metals, the whole became a royal mine. "Pure gold and silver, wherever found, whether in the demesnes of the Crown, in public roads, highways, in waste or unappropriated lands, or in the lands and tenures of private persons, are the absolute property of the Crown."<sup>(2)</sup>

On 22nd May, 1851, just prior to the separation of Victoria from New South Wales, the Crown's prerogative in respect of gold was asserted, for the first time in Australia, in the following preamble of a proclamation by Sir Charles Augustus Fitz Roy:—

"Whereas by Law, all mines of Gold and all gold in its natural place of deposit within the Territory of New South Wales, whether on the lands of the Queen or of any of Her Majesty's subjects, belong to the Crown....."

The establishment in English law of the Crown's right to gold and silver and the doubt in respect of other minerals is apparently the reason for the distinction to be observed in Section 330 of the *Victorian Mines Act 1928*. Whilst sub-section 1 maintains the Crown's rights to gold and silver "on or below the surface of all land whatsoever in Victoria whether alienated or not alienated from the Crown, and if alienated whensoever alienated," sub-section 2 limits the Crown's rights, in respect of minerals, to lands not alienated from the Crown on or before the 1st March, 1892. As, at that date, the Crown had parted with some sixteen million acres of the public estate in Victoria, or roughly two-sevenths of the area of the State, it will be seen that quite a considerable portion of Victoria is exempt from the Crown's rights to minerals other than gold or silver.

Since the passing of the *Land Act 1891*, further safeguards of the rights of the Crown to the minerals in the earth are provided by the inclusion, in all Crown Grants of land issued after the commencement of such Act, of a special "depth condition," which limits the title of the land to the surface and, usually, to 50 feet below the surface thereof. The same Act, in Section 12, provided that:—

"so far as regards any metal or mineral declared by any Act to be the property of the Crown, no grant or lease or licence (not being solely a mining lease or licence) made after the passing of this Act of any land of the Crown shall purport to or shall pass or convey the property in or right to any metal or mineral on, in or under such land, but the same shall remain the property of the Crown."

(1) Arundel Rogers—*The Law of Mines, Minerals, and Quarries*.

(2) *Ibid*.

**Regulation of Mining.** The supervision of mining and the inspection of mines are regulated by Act of Parliament.

**Miners' Rights.** The taking out of a "Miner's Right" entitles the holder to prospect for gold on Crown lands. The "Right" may be had for any number of years not exceeding fifteen on payment of a fee at the rate of 2s. 6d. per annum. The holder is entitled to take possession for mining purposes of a defined parcel of Crown lands which is called a "claim." "Claims" may also be taken up under certain conditions on private land. The authority to occupy Crown land under a Miner's Right as a residence area was withdrawn in 1935 by Act No 4319. The revenue in 1940-41 from "Miners' Rights" was £366.

**Mining Leases.** Leases of Crown land and of private land for the purpose of mining for gold are granted for a term not exceeding fifteen years at a yearly rental of 2s. 6d. per acre, except for land that was alienated before 29th December, 1884, where the rental is 6d. per acre. For mining leases of land to be worked by means of dredging or hydraulic sluicing, the yearly rental is 5s. per acre. Other mineral and coal-mining leases are also issued at varying rates. The revenue from these sources in 1940-41 was £8,845.

**Petroleum Leases and Licences.** Under the Mines (Petroleum) Acts petroleum mineral leases of not more than 100 square miles and petroleum prospecting licences covering a maximum area of 200 square miles are granted, over Crown lands and land alienated since 1st March, 1892, at yearly rentals of 6d. and 1d. per acre, respectively. The revenue from these two sources in 1940-41 was £539.

The preparation and execution of schemes for the development as one unit of oil fields extending over lands comprised in more than one licence or lease, are also provided for in an Act passed in 1939.

**Area Occupied for Mining.** The area of Crown and of private lands occupied under the Mines Acts on 31st December, 1940, was 625,166 acres. The subjoined table shows the area being worked for different minerals under such Acts.

VICTORIA—AREA OCCUPIED UNDER THE MINES ACTS,  
31ST DECEMBER, 1940.

(Crown Land and Private Land.)

Nature of Lease or Licence.	Area.	Nature of Lease or Licence.	Area.
	Acres.		Acres.
Gold .. .. .	42,771	Kaolin and Gold .. .. .	6
Coal (black)* .. .. .	9,481	Kaolin and Quartz Grit .. .. .	10
Coal (brown)† .. .. .	3,261	Limestone .. .. .	135
Coal (black and brown) .. .. .	100	Magnesite .. .. .	57
Aluminous Ore (including Bauxite) .. .. .	73	Marble .. .. .	6
Antimony .. .. .	214	Mineral Water and Gas .. .. .	1
Antimony and Gold .. .. .	28	Molybdenite .. .. .	30
Brytes .. .. .	45	Oil‡ .. .. .	565,506
Bluestone .. .. .	13	Pigment .. .. .	12
Calcite .. .. .	5	Quicksilver .. .. .	40
Cement Gravel .. .. .	6	Sand .. .. .	33
Clay .. .. .	63	Scheelite and Tin .. .. .	85
Copper and platinum .. .. .	115	Tin .. .. .	28
Felspar .. .. .	27	Tailings Licences .. .. .	1,933
Granite .. .. .	21	Water Right Licences .. .. .	465
Gypsum .. .. .	235	Wolfram .. .. .	127
Iron .. .. .	150	Other .. .. .	41
Kaolin .. .. .	43	<b>Total .. .. .</b>	<b>625,166</b>

\* Includes State Coal Mine Area, 7,575 acres.

† Includes State Electricity Commission Area, 2,800 acres.

‡ Includes Petroleum Prospecting Licences, 562,248 acres.

Certain gold mining leases include the right to mine for other minerals.

Certain mineral leases include the right to mine for gold.

**Mining development.** The advances from loan moneys and revenue to mining companies under the provisions of the Mining Development Acts to 30th June, 1930, when assistance under these Acts was discontinued, totalled £285,705.

Advances to mining companies have since been made under the joint Commonwealth-State scheme for the development of metaliferous mining, the amount so expended between 1st July, 1935, and 30th June, 1941, being £88,884.

**VICTORIA—STATE EXPENDITURE AND REVENUE  
CONNECTED WITH MINING, 1936-37 TO 1940-41.**

Item.	Expenditure from Consolidated Revenue.				
	1936-37.	1937-38.	1938 39.	1939-40.	1940-41.
<b>EXPENDITURE.</b>					
Mines Department .. ..	£ 25,047	£ 28,341	£ 30,413	£ 29,531	£ 28,936
State Coal Mine .. ..	295,940	338,451	318,949	270,186	380,079
Boring for Gold, Coal, Oil, &c. ..	3,033	3,750	2,100	2,446	4,456
Testing plants .. ..	10,922	10,856	9,773	8,213	9,698
Geological and underground surveys of mines .. ..	1,446	1,271	1,372	1,407	1,500
Laboratory Expenses, &c. ..	615	869	596	638	550
Miscellaneous .. ..	2,073	1,271	296	655	567
<b>Total .. ..</b>	<b>339,076</b>	<b>384,809</b>	<b>363,499</b>	<b>313,076</b>	<b>425,786</b>
<b>REVENUE.</b>					
State Coal Mine .. ..	159,945	188,732	189,583	213,504	263,991
All other .. ..	23,321	26,644	23,562	20,990	20,130
<b>Total .. ..</b>	<b>188,266</b>	<b>215,376</b>	<b>213,145</b>	<b>234,494</b>	<b>284,121</b>

**Total mineral production.**

The mineral production of the State from lands occupied under the Mines Act (excluding stone raised in quarries and salt) for the year 1940 is summarized in the subjoined statement:—

**VICTORIA—MINERAL PRODUCTION, 1940.**

Metals and Minerals.	Recorded during 1940.	
	Quantity.	Value.
	Fine Oz.	£
Gold .. .. .	180,567	1,924,396
Silver .. .. .	†	†
	Tons (2,240 lb.)	
Coal, black .. .. .	267,694	230,452
„ brown .. .. .	4,280,275	431,904
Tin* .. .. .	†	†
Antimony* .. .. .	†	†
Gypsum .. .. .	7,123	6,720
Magnesite .. .. .	†	†
Kaolin .. .. .	4,198	7,307
Diatomaceous earth .. .. .	519	934
Molybdenite* .. .. .	†	†
Bauxite .. .. .	†	†
	Gallons	
Oil (crude) .. .. .	†	†

\* Concentrates.

† Not available for publication.

NOTE.—The value of gold as shown above is based on the average value of Victorian gold received at the Melbourne Mint.

Gold  
production  
in Victoria.

The quantities of gold produced in Victoria in different periods are shown in the next table:—

GOLD PRODUCTION IN VICTORIA, 1851 TO 1940.

Period.	Quantity • (Gross ozs.).	Period.	Quantity (Fine ozs.).
1851-60 .. ..	23,334,263	1929 .. ..	26,275
1861-70 .. ..	16,276,566	1930 .. ..	24,119
1871-80 .. ..	10,156,297	1931 .. ..	43,637
1881-90 .. ..	7,103,448	1932 .. ..	47,745
1891-1900 .. ..	7,476,038	1933 .. ..	58,183
*1901-10 .. ..	7,095,061	1934 .. ..	70,196
1911-15 .. ..	2,161,349	1935 .. ..	87,609
1916-20 .. ..	905,561	1936 .. ..	117,596
1921-25 .. ..	421,250	1937 .. ..	145,799
1926 .. ..	49,078	1938 .. ..	144,243
1927 .. ..	38,538	1939 .. ..	156,522
1928 .. ..	33,917	1940 .. ..	180,567

• Gross ozs. 1851-1900, fine ozs. from 1901 inclusive.

From 1906 until 1930 the yield of gold continued to decrease, that for 1930 being the lowest since 1851. Since 1930, when both the State and Commonwealth Governments undertook a campaign to encourage prospecting and mining, particularly amongst the unemployed, there has been a gradual increase in the production of gold throughout the State. A steady increase in the world price of gold and the depreciation of the Australian currency in terms of gold have further stimulated the mining industry, the production for the past three years in particular having substantially increased. The average Australian mint price of gold for the year 1940 was £10 13s. 1d. per fine oz.

The two main headings under which financial assistance is rendered to mining parties and companies are, (a) grants to small parties which are paid to each member at the rate of £1 per week, and (b) loans to approved mining companies and syndicates.

The yields in fine ounces in the other principal gold-producing States in 1940 were 1,191,482 ounces in Western Australia, 126,831 ounces in Queensland, and 100,255 ounces in New South Wales.

The total production of the Commonwealth in fine ounces was 830,332 in 1933, 887,490 in 1934, 914,736 in 1935, 1,178,581 in 1936, 1,381,135 in 1937, 1,592,034 in 1938, 1,645,697 in 1939, and 1,643,999 in 1940.

The total production of gold in the world in fine ounces, as shown in the United States Mint Report, was 25,400,295 in 1933, 27,372,374 in 1934, 29,999,245 in 1935, 32,930,554 in 1936, 35,118,298 in 1937, 37,703,334 in 1938, and 39,651,307 in 1939.

The yield of gold (given in gross ounces) for 1939 and 1940 in each mining district of the State, as estimated by the mining registrars, is shown in the following table:—

**VICTORIA—DISTRICT YIELDS OF GOLD (ALLUVIAL AND QUARTZ) 1939 AND 1940.**

Mining District.	1939.			1940.		
	Alluvial.	Quartz.	Total.	Alluvial.	Quartz.	Total.
	oz.	oz.	oz. (gross)	oz.	oz.	oz. (gross)
Ararat and Stawell ..	347	1,076	1,423	364	1,848	2,212
Ballarat .. ..	2,825	6,874	9,699	5,756	7,913	13,669
Beechworth .. ..	10,595	28,521	39,116	12,421	25,776	38,197
Bendigo .. ..	2,671	50,698	53,369	4,862	56,973	61,835
Castlemaine .. ..	20,439	28,392	48,831	26,361	31,895	58,256
Gippsland .. ..	434	3,904	4,338	1,120	4,873	5,993
Maryborough .. ..	6,709	8,620	15,329	7,802	9,623	17,425
Total .. ..	44,020	128,085	172,105	58,686	138,901	197,587

**Government batteries, cyanidation, and dredging and sluicing.**

Particulars relating to the operations of Government batteries, all cyanide works, and of dredging and sluicing plants for the six years 1935 to 1940 are as follows:—

**VICTORIA—GOVERNMENT BATTERIES, CYANIDATION, AND DREDGING AND SLUICING, 1935 TO 1940.**

Year.	Government Batteries.			Cyanidation.			Dredging and Sluicing.		
	Number of Batteries.	Quantity of Ore Treated.	Yield of Gold.	Number of Plants.	Quantity of Tailings Treated.	Yield of Gold.	Number of Plants.	Quantity of Material Treated.	Yield of Gold.
		tons.	oz.		tons.	oz.		cub. yds.	oz.
1935 ..	34	18,070	10,298	121	630,318	22,460	13	2,328,859	9,343
1936 ..	32	16,659	8,547	141	794,640	28,565	23	3,198,883	12,544
1937 ..	32	16,495	7,785	157	1,233,914	41,923	20	4,353,976	19,032
1938 ..	32	15,497	5,580	132	1,202,623	40,384	17	4,871,563	22,013
1939 ..	31	12,161	4,328	150	1,358,304	43,458	31	5,349,845	32,093
1940 ..	29	9,864	4,986	188	1,225,301	38,759	24	8,634,641	36,515

The first Government battery was erected in 1897. Since that date Government batteries have crushed 231,716 tons of ore for 125,770 ounces of gold.

Up to the end of 1940, 23,010,154 tons of tailings had been treated by the cyanide and other processes, and 1,523,503 ounces of gold had been won therefrom.

Since the inception of dredge and sluice mining 2,044,206 ounces of gold have been won by these systems.

**Coal.** Bituminous coal was mined during 1940 at Wonthaggi, Korumburra and Kilcunda, and brown coal at Morwell and Parwan. The coal resources of Victoria have been described in detail in previous issues of the *Year Book*.

**Production of black coal, brown coal, and briquettes.** The average annual production and value per ton of black and brown coal, and the production of briquettes up to the end of 1940 are given in the following table:—

VICTORIA—COAL PRODUCTION AND VALUE PER TON.

Period.	Black Coal.		Brown Coal.		
	Annual Production.	Value per Ton at Pit's Mouth.	Annual Production.	Cost of Production per Ton at Mine.	Briquettes—Annual Production.
	tons.	s. d.	tons.	s. d.	tons.
Prior to 1892	77,914	18 8	81,748†	6 10	..
1892-1900 ..	184,517*	9 11			
1901-10 ..	168,548*	11 8			
1911-15 ..	608,512*	9 2	} 76,514*	6 9	..
1916-20 ..	437,833*	15 11			
1921-25 ..	520,705*	22 8			
1926 ..	591,001	22 3			
1927 ..	684,245	22 4			
1928 ..	658,323	22 2			
1929 ..	703,828	23 1			
1930 ..	703,487	23 0			
1931 ..	571,342	12 8			
1932 ..	432,353	12 9			
1933 ..	523,000	12 7			
1934 ..	356,958	12 1			
1935 ..	476,495	11 10			
1936 ..	426,725	11 11			
1937 ..	257,945	12 0			
1938 ..	307,258	12 3			
..	364,895	12 10			
1940 ..	267,694	15 3	4,280,275	2 0	427,530

\* Average annual production. † Total production to 1916. ‡ 1,392 tons in 1924, 76,553 tons in 1925.

The quantities of coal which were produced in the other States in 1940 were as follows:—New South Wales, 9,550,098 tons; Queensland, 1,285,328 tons; Western Australia, 539,427 tons; and Tasmania, 83,136 tons.

**Tin Production in Victoria.** According to records supplied to the Mines Department by the various Mining Companies, the amount of tin concentrates obtained in Victoria up to 31st December, 1939, was 17,951 tons, valued at £1,133,029. A large proportion of this yield was obtained as an incidental return from gold-mining operations.

The principal tin-bearing districts are in the north-east portion of the State, including Eldorado, Chiltern, Beechworth, Omeo, Granya, Mitta Mitta, Mount Wills, and Rutherglen. Tin is also found at Foster and Toora in South Gippsland; other known tin-bearing districts include Bunyip, Wilson's Promontory, and Gembrook.

**Mining Accidents.** The numbers of fatal and of non-fatal accidents in gold and coal mines during the past five years are shown in the following table. Only those non-fatal accidents have been recorded which rendered the injured unfit for work for a period of at least fourteen days.

#### VICTORIA—MINING ACCIDENTS, 1936 TO 1940.

Year.	Gold Mines.			Coal Mines.		
	Miners Employed.	Persons Killed.	Persons Injured.	Miners Employed.	Persons Killed.	Persons Injured.
1936 .. ..	6,959	5	21	1,786	1	8
1937 .. ..	6,180	8	19	1,749	14	7
1938 .. ..	6,315	7	11	1,766	2	5
1939 .. ..	6,169*	10	5	1,825	..	2
1940 .. ..	4,783*	1	11	1,757	..	7

\* Estimated in 1940—alluvial, 2,237; quartz, 2,546.

**Quarries.** The recorded quantities and values of the principal kinds of stone which were raised from registered Victorian quarries during the past five years are as set forth in the following table :—

## VICTORIA—QUARRIES, 1935-36 TO 1940-41.

Year ended 30th June—	Number of Returns.	Main kinds of stone extracted.				Approximate Value of Stone Raised. *
		Bluestone.	Sand-stone.	Granite.	Limestone.	
		c. yds.	c. yds.	tons.	tons.	£
1936 ..	76	1,206,255	4,180	7,389	307,058	387,554
1937 ..	76	1,306,078	6,272	8,329	274,795	462,359
1938 ..	72	1,154,852	30,200	6,824	296,735	403,838
1939 ..	81	1,150,303	32,069	7,383	305,904	414,311
1940 ..	86	1,222,818	24,808	12,830	354,722	466,834
1941 ..	103	1,087,071	43,530	9,046	345,989	469,349

\* Wholesale selling value of stone at the quarry, exclusive of delivery charges therefrom.

In considering the preceding table, however, it should be borne in mind that stone, particularly that crushed, is not all obtained from registered quarries, which are those quarries with a fixed plant in regular and permanent production. At irregular intervals, many unregistered quarries are exploited, with mobile or portable crushing plants, by contractors who require material from a source as adjacent as possible to the work for which they are suppliers. Outcrops of stone, mine-tailings heaps, &c., are also worked by such crushers.

Much of the sand and gravel used in road, railway, and general building is likewise obtained from sources other than regular sand and gravel pits.

The Municipalities, Country Roads Board, and Railways Department have furnished returns from which the table which follows has been compiled.

**VICTORIA—QUANTITY OF STONE, ETC., USED FOR ROAD MAKING, REPAIR, AND MAINTENANCE.**

Material.	Municipalities.		Railways.		Country Roads Board.	
	1939-40.	1940-41.	1939-40.	1940-41.	1939-40.	1940-41.
	c. yds.	c. yds.	c. yds.	c. yds.	c. yds.	c. yds.
Bluestone, basalt, &c. ..	698,742	468,354	85,083	73,459	118,480	63,305
Salamander ..	12,548	5,970	..	..	6,880	43,040
Scoria ..	47,745	49,835	..	..	1,197	7,445
Sandstone ..	78,488	22,215	2,929	1,918	23,110	18,495
Limestone ..	320,781	89,493	..	..	40,640	6,560
Quartzite-Quartz	28,438	28,955	..	..	11,360	22,570
Toscanite ..	3,440	..	8,775	1,010	18,990	4,040
Ironstone ..	5,269	19,573	..	..	..	..
Shale ..	6,356	10,673	..	..	23,600	3,250
Schist ..	9,229	4,287	..	..	..	..
Granite ..	13,760	11,971	6,504	5,336	19,600	10,260
Other stone ..	41,469	19,867	..	..	1,000	3,000
Gravel ..	999,182	711,584	62,380	58,954	319,130	178,373
Sand ..	361,421	202,931	..	..	60,320	34,617
Total ..	2,626,868	1,645,708	165,671	140,677	644,307	394,955

**THE SEARCH FOR OIL IN VICTORIA.**

The history of the search for oil in Victoria, is recorded in the *Year Book* 1937-38, page 504.

The search was continued during 1941, when five additional bores were completed in the East Gippsland district. Three of these bores were found to contain small quantities of oil. The Commonwealth Government secured the services of Messrs. Ranney and Fairbank, American experts, to investigate the possibility of obtaining oil from low pressure deposits. They reported favourably on the prospects for shaft sinking and horizontal boring from a work chamber at the foot thereof, in respect of the Lakes Entrance field.

At the end of 1941, the total number of bores drilled under the Commonwealth-State scheme was 46 for a total footage exceeding 66,000 feet.

The total quantity of oil produced to 31st December, 1939, from oil wells drilled in the Lakes Entrance and Metung areas was 111,283 gallons. Later figures are not available for publication.

**MANUFACTURING IN VICTORIA.****Industrial  
Progress.**

Statistical records of factories in Victoria date from 1850, when the number of factories was 68. In 1900 the total had reached 3,097 and 64,207 persons were employed therein. Fairly regular expansion has since taken place, concurrent with the increase in the population and consequent extension of the protected home market. A temporary check in this expansion occurred at the onset of the world depression, and the factory statistics from 1927-28 until 1931-32 show clear evidence of the effect of gradually declining prices and restricted activity.

A constant upward trend then obtained until 1938-39 when export prices began to fall and, unfortunately, at the same time, Victoria experienced a severe drought. The manufacturing industries were adversely affected and employment showed a tendency to decline until the outbreak of war in September, 1939, when the trend was again reversed.

The stabilization of wool prices at a higher level for the period of the war and the substantial purchases of other primary products by the British Government affected the local price structure considerably. Manufacturing was stimulated by large orders of equipment for the armed forces, and production of civilian goods reflected an increased demand from workers previously unemployed.

When consideration is given to the many advantages possessed by this State as a manufacturing field, it is reasonable to anticipate that, with efficient organization both of production and of the markets therefor, this progress should continue. Victoria has a comparatively compact territory producing a variety of raw materials, a temperate climate, an intelligent labour supply, large power resources, a growing home market, an extensive network of State-owned railways served by constantly improving feeder roads, and a good system of highways and main roads. The Commonwealth Government's policy of protection, by tariffs, for local industries has no doubt been of assistance in attracting capital for investment in manufacturing industries in this State.

The appended table summarizes particulars which indicate the growth of manufacturing since 1921-22. Commencing with the year 1927-28, the figures have been increased by the inclusion of statistics relating to the bakery industry, allowance for which should be made when comparing the figures.

VICTORIA—GROWTH IN THE MANUFACTURING  
INDUSTRIES.

Year.	Number of Factories	Number of Persons employed.	Value of Plant, Machinery, Land, and Buildings.	Amount of Salaries and Wages paid.	Value of Materials used (including containers).	Value of Output.
1	2	3	4	5	6	7
			£	£	£	£
1921-22..	6,753	144,876	40,992,280	23,846,495	60,352,561	106,243,181
1922-23..	7,096	152,625	46,423,240	25,457,192	62,568,163	111,286,343
1923-24..	7,289	156,162	53,196,475	27,472,084	62,217,874	113,921,927
1924-25..	7,425	154,158	61,031,975	29,057,052	65,205,233	118,177,398
1925-26..	7,461	152,959	60,396,500	29,329,400	67,164,445	119,986,439
1926-27..	7,690	161,639	63,850,005	31,822,589	69,816,935	127,397,951
1927-28..	8,245	160,357	67,507,020	32,087,851	69,637,778	128,465,317
1928-29..	8,197	156,568	69,909,370	31,533,586	70,100,456	127,897,463
1929-30..	8,195	151,009	72,011,020	30,517,535	66,770,302	122,811,099
1930-31..	8,199	126,016	70,990,071	23,279,689	50,380,110	93,425,795
1931-32..	8,204	128,265	68,350,575	21,258,599	51,727,685	93,388,617
1932-33..	8,612	144,428	67,827,428	23,096,512	56,757,681	102,085,429
1933-34..	8,896	156,334	68,834,279	24,819,143	59,776,270	108,496,310
1934-35..	9,100	169,691	70,591,677	27,318,815	63,387,061	117,182,857
1935-36..	9,160	183,390	71,872,906	30,593,707	74,568,265	134,043,170
1936-37..	9,165	191,383	75,161,894	33,192,904	78,233,032	142,692,192
1937-38..	9,241	201,789	77,207,830	37,228,543	85,926,478	157,050,725
1938-39..	9,250	201,831	80,596,625	38,305,885	80,721,680	152,967,611
1939-40..	9,215	212,461	84,553,699	41,920,726	93,390,751	174,304,401
1940-41..	9,121	237,636	92,050,326	52,294,673	112,024,332	209,348,845

Prior to 1924-25 the amounts taken by working proprietors as drawings were not included in the figures in column 5 (Salaries and Wages paid).

**Factories and Wages Board Legislation.**

The first Factories Act in Victoria was passed in 1873 and since that year many other Acts dealing with the subject have been placed upon the statute-book. The *Factories and Shops Act* 1928 consolidated all Acts passed prior to that date. The general provisions of factory legislation, including "Wages Boards" are fully dealt with in Part VI., "Social Condition," of this *Year-Book*.

**Statistics Act 1928.**

Statistics relating to the manufacturing industries of Victoria are collected by the Government Statist in accordance with the provisions of the *Statistics Act* 1928. In the year 1902, Australian statisticians adopted a uniform classification of industries for statistical purposes in all States. A factory was then defined as "any establishment employing on the average four persons or more, or any establishment employing less than four persons where machinery is worked by other than manual power, whether the business carried on is that of making or repairing for the trade (wholesale or retail) or for export." In 1930, a new classification, based upon that used in Great Britain for census purposes, was adopted. The definition of a factory was unchanged.

**Added Value.**

In estimating the relative importance of various industries, or the value of manufacturing industry as a whole, the method used is to calculate the value added in the process of manufacture, termed "added value." This is arrived at in the following way:—From the value of output of each industry are deducted the most important items of manufacturing expense such as costs of raw materials, containers, fuel and light, repairs to plant and machinery, replacement of tools, and any other important cost of manufacture, the difference being the value added to raw materials in the process of manufacture, and representing the fund available for the payment of wages, rent, interest, minor expenses, and profit.

It is considered that, owing to the duplication of materials used, the finished product of one process of manufacture forming, as it often does, the raw material for another, an inaccurate impression would be obtained by using the total value of output of manufacturing industries in year to year comparisons. Woollen manufactures might be cited as an example. Greasy wool forms the raw material for the woollscouring industry, the product of which is scoured wool. This is afterwards combed into wool tops which are used in the spinning mills for the manufacture of yarn. In due course the yarn is woven into cloth, the raw material for the clothing industry. If these processes are carried out separately in different factories it is evident that the value of the wool would be counted five times by using value of output as the basis for annual comparisons of manufacturing production.

The concept of "Added value" prevents this double counting, gives a truer picture of the relative economic importance of industries, and also provides a good basis for estimating and comparing productive efficiency in manufacturing.

The subjoined table shows the value added per person employed in each class of manufacturing industry for the year ended 30th June, 1941.

As the extent of the mechanization of particular industries affects the value added by manufacturing, comparisons between the different classes of industry would have to take into account interest on the capital employed and depreciation of plant and machinery.

VICTORIA—VALUE ADDED BY PROCESS OF MANUFACTURE,  
1940-41.

Class of Industry.	Average Number of Persons Employed.	Value Added.	Value Added per Person Employed.		
			£	£	s. d.
1. Treatment of non-metalliferous mine and quarry products ..	3,068	1,726,529	562	15	1
2. Bricks, pottery, glass, &c. ..	4,751	1,890,394	397	17	10
3. Chemicals, dyes, explosives, paint, oils, and grease .. ..	18,105	7,938,001	438	8	10
4. Industrial metals, machines, implements and conveyances ..	66,599	24,162,936	362	16	2
5. Precious metals, jewellery, and plate .. ..	2,510	789,977	314	14	7
6. Textiles and textile goods (not dress) .. ..	31,281	10,271,652	328	7	4
7. Skins and leather (not clothing or footwear) .. ..	4,854	1,800,211	370	17	5
8. Clothing .. ..	39,400	9,305,044	236	3	4
9. Food, drink, and tobacco ..	30,028	15,428,044	513	15	9
10. Woodworking and basketware ..	8,755	3,117,184	356	0	11
11. Furniture, bedding, &c. ..	4,901	1,555,286	317	6	10
12. Paper, stationery, printing, book- binding, &c. .. ..	14,001	5,485,445	391	15	9
13. Rubber .. ..	3,530	1,654,505	468	14	0
14. Musical instruments .. ..	151	43,522	288	4	6
15. Miscellaneous products .. ..	3,392	967,845	285	6	7
16. Heat, light, and power ..	2,310	2,864,136	1,239	17	9
Total .. ..	237,636	89,000,711	374	10	6

As added value is based on value of output, the added value per employee is affected not only by output per employee, but also by the price obtained, and should, therefore, in a comparison of the results of different years, be corrected to allow for variations in price levels. Other important factors are the quantity and the efficiency of the machinery used in the process of manufacture.

The table hereunder summarizes the total value added by the process of manufacturing in each of the past ten years.

VICTORIA—VALUE ADDED BY PROCESS OF MANUFACTURE.

Year.	Value of Output.	Expenses of Manufacturing.*	Value Added.	Average Number of Persons Employed.	Value Added per Person Employed.
1.	2.	3.	4.	5.	6.
	£	£	£		£ s. d.
1931-32 ..	93,388,617	55,568,989	37,819,628	128,265	294 17 1
1932-33 ..	102,085,429	61,004,327	41,081,102	144,428	284 8 10
1933-34 ..	108,496,310	64,294,665	44,201,645	156,334	282 14 9
1934-35 ..	117,182,857	68,420,266	48,762,591	169,691	287 7 3
1935-36 ..	134,043,170	79,999,480	54,043,690	183,390	294 13 10
1936-37 ..	142,692,192	83,979,911	58,712,281	191,383	306 15 7
1937-38 ..	157,050,725	92,161,335	64,889,390	201,789	321 11 5
1938-39 ..	152,967,611	86,971,542	65,996,069	201,831	326 19 9
1939-40 ..	174,304,401	100,273,914	74,030,487	212,461	348 8 10
1940-41 ..	209,348,845	120,348,134	89,000,711	237,636	374 10 6

\* "Expenses of manufacturing" includes the following costs only:—Raw materials, containers, fuel and light, tools replaced, repairs to plant and machinery, lubricating oil, and water.

Column 3 deducted from column 2 gives column 4, which when divided by column 5 gives Column 6.

**Production of different industries, 1940-41.** The classification of industries, as adopted in 1930, is set out in the next table. The data shown was compiled from returns rendered compulsorily by all factory proprietors in Victoria.

## VICTORIAN FACTORIES—POWER, WORKERS, MANUFAC

Nature of Industry.	Factories.	Rated Horse-power of Engines.	Average Number Employed.		Salaries and Wages Paid.
			Males.	Females.	
	No.	H.P.	No.	No.	£
<b>Class 1.—Non-metalliferous Mine and Quarry Products.</b>	<b>173</b>	<b>33,465</b>	<b>2,949</b>	<b>119</b>	<b>786,543</b>
Lime, plaster, and asphalt ..	76	3,580	869	60	233,420
Marble, slate, &c. ..	38	1,901	342	10	96,794
Cement and cement goods ..	47	9,555	1,372	24	338,335
Other ..	12	18,429	366	25	117,994
<b>Class 2.—Bricks, Pottery, Glass, &amp;c.</b>	<b>114</b>	<b>19,132</b>	<b>4,356</b>	<b>395</b>	<b>1,070,072</b>
Bricks, tiles, and firebricks ..	60	13,724	2,190	86	525,791
Earthenware, china, and porcelain ..	27	1,709	1,031	219	253,995
Glass, including bottles ..	24	3,696	1,113	89	285,602
Modelling, &c. ..	3	3	22	1	4,684
<b>Class 3.—Chemicals, Dyes, Explosives, Paint, Oils and Grease</b>	<b>240</b>	<b>37,959</b>	<b>12,757</b>	<b>5,348</b>	<b>4,556,994</b>
Chemicals, drugs, and medicines ..	66	5,453	1,157	1,083	485,301
Explosives ..	*	*	*	*	*
White lead, paints, and varnish ..	42	1,193	333	59	93,403
Oils, vegetable (including oilcake) ..	28	454	215	5	44,501
Oils, mineral ..	*	*	*	*	*
Boiling-down, tallow refining, and bone milling works ..	22	2,128	335	4	93,065
Soap and candles ..	14	2,031	583	178	160,865
Chemical fertilizers ..	6	9,990	919	17	247,724
Inks, polishes, &c. ..	29	935	232	189	95,940
Matches ..	3	1,087	348	459	146,974
Other ..	30	14,688	8,635	3,354	3,189,221
<b>Class 4.—Industrial Metals, Machines, Implements, and Conveyances.</b>	<b>2,411</b>	<b>113,926</b>	<b>61,907</b>	<b>4,692</b>	<b>17,210,709</b>
Smelting, refining, &c., of iron and steel ..	*	*	*	*	*
Engineering (not marine or electrical) ..	403	29,844	12,698	518	3,644,834
Extracting and refining of other metals and alloys ..	*	*	*	*	*
Electrical apparatus ..	124	3,895	3,244	761	879,350
Tram and railway workshops ..	25	5,999	6,829	5	1,817,975
Motor vehicles and cycles—					
(i) Construction and assembly ..	23	1,943	1,633	151	518,941
(ii) Repairs ..	888	4,210	4,372	283	1,057,404
Motor-bodies ..	81	4,480	2,591	56	583,760
Horse-drawn vehicles ..	98	460	343	14	66,573
Cycle and motor accessories ..	40	2,824	1,524	187	386,642
Aeroplanes ..	*	*	*	*	*
Ship and boat building and repairing, marine engineering ..	*	*	*	*	*
Cutlery and small tools (not machine tools) ..	39	2,438	788	37	183,055
Agricultural implements ..	77	10,971	3,993	192	1,102,056
Brass and copper ..	*	*	*	*	*
Galvanized-iron working and tinsmithing ..	*	*	*	*	*
Wireworking (including nails) ..	*	*	*	*	*
Art metal works ..	15	238	155	14	37,934
Stoves and ovens ..	24	2,040	1,136	94	305,065
Gas fittings and meters ..	5	46	213	2	60,361
Lead mills ..	*	*	*	*	*
Wireless apparatus ..	17	448	725	308	178,931
Die sinking and engraving ..	18	170	186	55	59,401
Other metal works ..	534	43,920	21,477	2,015	6,328,427

\* Figures not available for publication.

## TURING COSTS AND VALUE OF PRODUCTION, 1940-41.

Fuel and Light Used.	Lubricating Oil and Water.	Repairs to Plant, &c.	Materials Used, Including Containers.	Articles Produced or Work Done.	Value Added.	Land and Buildings.	Plant and Machinery.
£	£	£	£	£	£	£	£
<b>238,768</b>	<b>14,983</b>	<b>97,951</b>	<b>1,183,120</b>	<b>3,261,351</b>	<b>1,726,529</b>	<b>777,682</b>	<b>1,560,986</b>
35,745	2,961	16,627	441,440	1,006,005	509,232	156,201	184,951
4,094	789	3,965	49,053	204,337	146,436	47,019	36,138
144,085	5,190	64,188	520,365	1,572,872	839,044	336,141	691,626
54,844	6,043	13,171	172,262	478,137	231,817	238,321	648,271
<b>353,535</b>	<b>19,380</b>	<b>114,645</b>	<b>445,296</b>	<b>2,823,250</b>	<b>1,890,394</b>	<b>801,255</b>	<b>844,180</b>
214,430	12,197	47,902	123,692	1,167,655	769,434	370,790	446,780
59,268	2,064	20,674	83,025	573,079	408,048	191,338	151,345
79,702	5,077	46,069	237,277	1,073,172	705,047	233,082	244,910
135	42	..	1,302	9,344	7,865	6,045	1,145
<b>379,701</b>	<b>55,544</b>	<b>374,800</b>	<b>8,435,830</b>	<b>17,183,876</b>	<b>7,938,001</b>	<b>4,091,933</b>	<b>4,176,087</b>
63,816	6,358	28,118	1,381,113	2,933,660	1,454,255	616,330	658,622
*	*	*	*	*	*	*	*
6,240	965	5,553	378,416	655,532	264,358	146,703	52,239
5,037	763	3,372	257,680	358,464	91,612	42,034	27,467
*	*	*	*	*	*	*	*
23,870	2,428	9,400	254,475	434,876	144,703	106,973	79,470
44,448	3,978	35,765	570,208	1,416,700	762,301	199,789	177,574
44,667	5,863	43,793	1,249,558	1,948,632	604,751	544,060	822,903
4,387	808	48,038	500,933	849,551	341,099	135,633	47,723
7,368	900	4,341	338,013	550,886	200,264	119,003	188,378
179,868	33,481	242,134	3,505,434	8,035,575	4,074,658	2,181,358	2,121,711
<b>822,742</b>	<b>92,671</b>	<b>776,830</b>	<b>19,958,275</b>	<b>45,813,454</b>	<b>24,162,936</b>	<b>11,465,296</b>	<b>8,651,067</b>
*	*	*	*	*	*	*	*
133,173	19,044	187,890	4,599,275	10,346,698	5,407,316	1,884,181	1,883,185
*	*	*	*	*	*	*	*
27,541	2,651	30,157	1,133,460	2,563,469	1,369,660	608,930	329,384
59,298	1,738	38,231	1,099,972	3,317,884	2,118,645	1,515,478	1,140,897
17,537	1,773	19,618	820,344	1,635,931	776,659	444,244	85,672
39,562	7,088	27,536	860,525	2,434,249	1,499,538	1,482,466	368,941
15,343	2,506	23,797	1,050,705	1,990,735	898,384	602,812	243,966
3,425	519	1,397	43,027	133,434	85,066	91,125	20,351
21,315	3,761	20,815	323,263	970,372	601,218	279,789	235,160
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
12,773	1,171	15,869	223,471	553,408	300,124	130,471	159,729
82,890	7,725	59,596	954,674	2,533,440	1,428,546	620,633	599,735
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
1,796	103	1,108	40,072	103,543	60,464	36,430	16,280
35,440	1,687	17,503	309,226	881,368	517,512	129,901	143,820
1,858	110	549	36,470	119,300	80,313	25,328	7,031
*	*	*	*	*	*	*	*
5,107	529	15,125	336,756	642,822	285,305	122,009	61,422
1,130	151	1,794	51,815	147,747	92,857	47,587	18,353
364,545	42,115	315,845	8,075,220	17,439,054	8,641,329	3,443,912	3,337,141

\* Figures not available for publication.

## VICTORIAN FACTORIES—POWER, WORKERS, MANUFACTURING

Nature of Industry.	Factories.	Rated Horse- power of Engines.	Average Number Employed.		Salaries and Wages Paid.  £
			Males.	Females.	
	No.	H.P.	No.	No.	
<b>Class 5.—Precious Metals, Jewellery, and Plate</b>	<b>136</b>	<b>2,851</b>	<b>2,032</b>	<b>478</b>	<b>543,221</b>
Jewellery .. .. .	63	384	434	204	139,797
Watches and clocks .. .. .	14	349	354	147	113,586
Gold, silver, and electroplate .. .. .	55	2,016	1,202	124	277,779
Other .. .. .	4	102	42	3	12,059
<b>Class 6.—Textiles and Textile Goods (not dress)</b>	<b>413</b>	<b>54,577</b>	<b>12,721</b>	<b>18,560</b>	<b>5,492,732</b>
Cotton .. .. .	27	8,316	975	1,658	502,756
Wool, worsted and shoddy (including wool scouring) .. .. .	58	31,253	5,872	6,127	2,301,679
Hosiery and other knitted goods .. .. .	234	6,775	4,110	9,260	2,098,569
Silk, natural and artificial .. .. .	11	1,407	195	573	116,282
Rope and cordage .. .. .	*	*	*	*	*
Canvas goods, tents, &c. .. .. .	26	67	150	151	60,673
Bags and sacks .. .. .	*	*	*	*	*
Other .. .. .	57	6,759	1,419	791	412,773
<b>Class 7.—Skins and Leather (not Clothing or Footwear)</b>	<b>200</b>	<b>11,250</b>	<b>3,642</b>	<b>1,212</b>	<b>1,088,239</b>
Furriers and fur dressing .. .. .	68	394	334	336	126,072
Fellmongery .. .. .	20	2,113	659	..	197,622
Tanning and leather dressing .. .. .	42	8,308	2,044	39	516,416
Saddlery, harness, and whips .. .. .	7	59	67	71	24,865
Machine belting .. .. .	7	116	94	4	22,236
Bags and trunks .. .. .	46	188	389	693	179,512
Other leather goods .. .. .	10	72	55	69	21,516
<b>Class 8.—Clothing</b>	<b>1,782</b>	<b>12,751</b>	<b>10,691</b>	<b>28,709</b>	<b>6,339,583</b>
Tailoring and slop clothing .. .. .	364	1,149	1,931	6,694	1,369,776
Waterproof and oilskin clothing .. .. .	8	146	110	376	85,247
Dressmaking .. .. .	439	1,067	679	7,948	1,183,517
Millinery .. .. .	59	141	104	1,070	155,249
Shirts, collars, and underclothing .. .. .	95	987	335	3,800	541,776
Stays and corsets .. .. .	12	374	154	968	157,958
Handkerchiefs, ties, and scarves .. .. .	15	36	34	301	44,283
Hats and caps .. .. .	36	1,241	674	876	306,174
Gloves .. .. .	10	42	51	150	27,115
Boots and shoes .. .. .	166	4,626	4,879	5,179	1,912,575
Boot repairing .. .. .	479	611	684	17	133,279
Boot accessories .. .. .	13	199	151	154	54,557
Umbrellas and walking sticks .. .. .	3	7	15	30	8,996
Dyeworks and cleaning .. .. .	68	2,010	811	795	293,789
Other .. .. .	15	115	79	351	65,292
<b>Class 9.—Food, Drink, and Tobacco</b>	<b>1,469</b>	<b>94,795</b>	<b>21,383</b>	<b>8,645</b>	<b>6,720,859</b>
Grain milling .. .. .	37	8,944	1,122	47	321,845
Cereal foods and starch .. .. .	23	6,868	646	377	229,965
Cattle and poultry foods .. .. .	7	297	38	2	10,488
Chaff-cutting and corn crushing .. .. .	93	2,190	386	6	87,731
Bakeries .. .. .	602	2,650	2,887	590	773,547
Biscuits .. .. .	10	1,646	556	646	178,120
Confectionery .. .. .	61	6,929	1,167	1,555	480,579
Jam, fruit, and vegetable canning .. .. .	32	3,993	1,559	1,558	654,143
Pickles, sauces, and vinegar .. .. .	16	301	228	160	72,892
Bacon curing .. .. .	17	3,809	530	33	144,603
Butter and cheese factories, &c. .. .. .	168	15,303	2,907	520	888,385
Margarine and butterine .. .. .	12	453	110	30	34,151
Meat and fish preserving, meat extracts .. .. .	10	636	304	344	108,628
Condiments, coffee, spices, &c. .. .. .	72	2,284	547	655	212,140
Ice and refrigerating .. .. .	86	17,005	2,738	150	633,189
Salt refining .. .. .	6	530	151	5	31,681
Aerated waters, cordials, &c. .. .. .	86	1,092	644	90	160,471
Breweries .. .. .	8	6,570	1,709	31	554,057

\* Figures not available for publication.

## COSTS AND VALUE OF PRODUCTION, 1940-41—continued.

Fuel and Light Used.	Lubricating Oil and Water.	Repairs to Plant, &c.	Materials Used, Including Containers.	Articles Produced or Work Done.	Value Added.	Land and Buildings.	Plant and Machinery.
£	£	£	£	£	£	£	£
<b>19,572</b>	<b>1,868</b>	<b>14,879</b>	<b>629,268</b>	<b>1,455,564</b>	<b>789,977</b>	<b>365,393</b>	<b>129,251</b>
2,114	123	2,058	221,516	464,777	238,966	124,854	18,831
2,028	276	3,324	104,826	244,080	133,626	46,827	18,267
13,562	1,426	8,333	208,042	624,108	392,745	188,849	86,050
1,868	43	1,164	94,884	122,599	24,640	4,863	6,103
<b>422,698</b>	<b>70,244</b>	<b>464,942</b>	<b>12,555,911</b>	<b>23,785,447</b>	<b>10,271,652</b>	<b>3,702,622</b>	<b>4,089,391</b>
40,335	3,953	35,679	1,309,157	2,323,605	934,481	524,929	859,709
247,533	44,168	245,677	5,271,044	10,587,546	4,779,124	1,368,439	1,647,047
94,252	16,167	136,097	4,283,690	8,059,770	3,529,564	1,293,587	1,065,986
9,175	545	5,436	283,813	528,623	229,654	93,719	121,917
*	*	*	*	*	*	*	*
1,060	237	1,168	209,685	331,278	119,128	74,609	8,843
*	*	*	*	*	*	*	*
30,343	5,174	40,885	1,198,522	1,954,625	679,701	327,339	385,889
<b>70,369</b>	<b>20,693</b>	<b>44,382</b>	<b>3,113,327</b>	<b>5,048,982</b>	<b>1,800,211</b>	<b>990,907</b>	<b>386,811</b>
2,361	443	1,345	289,651	481,374	187,574	179,296	19,655
22,976	7,145	9,835	599,154	978,938	339,828	188,468	92,971
41,132	12,498	29,684	1,720,466	2,663,387	859,607	420,447	238,832
198	79	212	45,802	85,406	39,115	16,291	1,401
648	77	610	77,102	128,942	50,505	46,057	11,831
2,353	398	2,157	342,253	636,527	289,366	124,912	14,957
701	53	539	38,899	74,408	34,216	15,436	7,464
<b>152,180</b>	<b>16,690</b>	<b>166,664</b>	<b>11,339,534</b>	<b>20,980,112</b>	<b>3,05,044</b>	<b>4,675,908</b>	<b>1,253,415</b>
27,861	1,599	20,412	2,650,239	4,551,080	1,850,969	946,605	149,250
2,969	265	2,003	208,429	377,726	164,060	56,634	14,969
18,049	697	18,203	2,178,691	3,890,517	1,679,877	1,220,221	113,052
3,425	209	1,149	204,356	458,601	249,462	136,085	16,107
10,235	1,161	13,149	1,386,542	2,238,673	827,586	417,311	103,162
3,270	609	7,012	397,431	819,804	411,482	138,048	43,583
803	58	470	203,350	326,682	122,001	60,560	3,320
14,028	2,094	14,847	378,059	882,501	473,473	207,092	94,156
431	22	463	40,197	75,750	34,637	19,520	6,288
31,329	3,728	73,611	3,218,336	5,896,871	2,569,867	664,639	452,003
3,465	260	641	109,379	310,478	196,733	436,108	34,935
1,750	373	3,719	101,688	207,766	100,236	46,901	16,941
115	3	18	14,460	35,143	20,547	14,190	610
32,920	5,357	14,625	104,401	662,276	504,973	235,612	181,813
1,530	255	1,342	143,976	246,244	99,141	76,382	18,226
<b>907,057</b>	<b>121,100</b>	<b>568,894</b>	<b>38,693,338</b>	<b>55,718,433</b>	<b>15,428,044</b>	<b>10,441,101</b>	<b>7,374,848</b>
70,032	6,567	34,486	4,661,214	5,409,163	636,864	643,514	509,532
57,574	7,554	25,474	1,054,400	1,738,741	593,739	453,143	482,235
956	96	584	56,852	82,841	24,353	20,936	5,628
9,484	1,493	4,079	544,061	712,940	153,823	93,455	46,592
94,865	6,209	35,226	2,339,054	3,995,872	1,520,518	1,259,527	448,604
24,109	1,545	6,301	470,047	873,703	371,701	196,421	152,623
42,414	4,802	13,280	1,325,105	2,356,004	970,403	443,600	471,531
42,647	8,709	29,865	2,996,268	4,683,983	1,606,494	591,826	307,879
7,660	1,798	6,355	238,171	445,701	191,717	142,529	71,692
18,419	2,724	7,142	959,293	1,249,374	261,796	224,326	111,933
211,503	18,314	98,231	12,022,748	14,510,552	2,159,756	1,304,250	1,364,067
2,700	1,020	2,007	218,243	315,500	91,530	31,727	16,155
7,148	1,064	10,178	598,784	864,633	247,459	148,007	36,495
17,500	3,387	10,354	1,267,985	1,766,491	467,265	422,199	170,955
108,501	13,034	67,958	111,803	1,179,548	878,252	1,355,244	697,491
2,736	209	4,322	54,719	171,872	109,886	208,717	55,102
7,709	3,644	9,092	355,618	695,754	319,691	270,495	98,671
71,758	21,880	145,354	1,723,699	3,791,335	1,828,644	746,584	917,345

\* Figures not available for publication.

## VICTORIAN FACTORIES—POWER, WORKERS, MANUFACTURING

Nature of Industry.	Factories.	Rated Horse-power of Engines.	Average Number Employed.		Salaries and Wages Paid.
			Males.	Females.	
	No.	H.P.	No.	No.	£
<b>Class 9.—continued.</b>					
Distilleries .. .. .	9	1,003	91	4	25,067
Malting .. .. .	20	1,300	388	12	141,595
Bottling .. .. .	13	327	147	98	54,499
Tobacco, cigars, cigarettes .. .. .	12	2,058	861	1,472	465,567
Dried fruits .. .. .	20	1,396	544	142	137,214
Ice cream .. .. .	22	1,657	175	114	66,497
Sausage skins .. .. .	9	88	297	11	76,060
Other .. .. .	18	5,466	651	53	177,736
<b>Class 10.—Woodworking and Basketware</b>					
Sawmills (forest) .. .. .	182	36,819	8,467	288	2,145,598
Sawmills (town) .. .. .	117	9,440	2,055	11	501,270
Bark mills .. .. .	3	12,579	2,098	53	535,278
Joinery .. .. .	210	47	6	1	1,310
Cooperage .. .. .	13	4,866	1,818	72	468,694
Boxes and cases .. .. .	66	663	313	3	93,869
Woodturning, woodcarving, &c. .. .. .	74	6,893	1,214	28	310,440
Basket, wicker, bamboo, &c. .. .. .	16	1,742	526	36	127,259
Perambulators .. .. .	12	99	172	5	38,539
Other .. .. .	11	68	127	22	30,805
		422	138	57	38,134
<b>Class 11.—Furniture, Bedding, &amp;c.</b>					
Cabinet and furniture making .. .. .	407	8,772	3,845	1,056	987,623
Bedding and mattresses .. .. .	304	6,506	3,143	191	712,149
Furnishing, drapery .. .. .	44	2,037	479	327	156,346
Picture frames .. .. .	42	138	111	477	87,191
Blinds, window, verandah, &c. .. .. .	7	16	32	19	8,783
	10	75	80	42	23,154
<b>Class 12.—Paper, Stationery, Printing, Bookbinding, &amp;c.</b>					
Newspapers, &c. .. .. .	668	68,853	9,879	4,122	3,177,669
Printing—Government, &c. .. .. .	113	4,783	2,086	148	642,148
General printing, &c. .. .. .	3	952	668	316	233,335
Stationery and paper products .. .. .	416	6,994	3,881	1,748	1,220,965
Stereotyping and electrotyping .. .. .	30	1,188	349	394	148,085
Process and photo engraving .. .. .	10	171	74	10	19,702
Cardboard boxes, cartons, &c. .. .. .	16	163	310	26	87,843
Paper bags .. .. .	37	1,862	665	951	275,696
Other paper and printing .. .. .	11	168	72	162	35,243
	32	52,572	1,774	367	524,652
<b>Class 13.—Rubber Goods</b>					
	83	25,993	2,559	971	817,531
<b>Class 14.—Musical Instruments</b>					
	16	190	145	6	34,254
<b>Class 15.—Miscellaneous Products</b>					
Celluloid and similar compositions .. .. .	193	4,255	2,245	1,147	614,659
Buttons .. .. .	21	1,055	665	183	159,419
Brooms and brushes .. .. .	13	148	171	123	37,498
Surgical, and other scientific instruments .. .. .	20	476	300	190	85,059
Toys, games, and sports requisites .. .. .	57	308	404	61	110,580
Artificial flowers .. .. .	48	702	376	257	108,243
Other .. .. .	8	20	51	201	29,371
	26	1,546	278	132	84,489
<b>Class 16.—Heat, Light, and Power</b>					
Electric light and power .. .. .	112	537,612	2,302	8	708,387
(a) Government .. .. .	8	481,636	1,065	3	352,954
(b) Local authority .. .. .	38	45,219	271	..	81,001
(c) Companies .. .. .	27	4,725	77	1	20,227
Gas works—					
(a) Local authority .. .. .	9	61	68	2	19,327
(b) Companies .. .. .	30	5,971	821	2	234,878
<b>Total all Classes .. .. .</b>	<b>9,121</b>	<b>1,063,200</b>	<b>161,880</b>	<b>75,756</b>	<b>52,294,673</b>

Production.

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COSTS AND VALUE OF PRODUCTION, 1940-41—continued.

Fuel and Light Used.	Lubricating Oil and Water.	Repairs to Plant, &c.	Materials Used, Including Containers	Articles Produced or Work Done.	Value Added.	Land and Buildings.	Plant and Machinery.
£	£	£	£	£	£	£	£
6,161	1,315	2,306	68,208	174,224	96,234	209,961	140,718
25,794	4,842	5,010	613,084	965,708	316,978	441,817	102,984
2,440	473	2,092	111,742	205,494	88,747	159,764	14,375
8,912	2,100	19,891	2,741,688	4,205,857	1,433,266	345,847	302,631
4,224	649	10,161	154,506	368,515	198,975	135,483	117,962
10,289	1,311	4,844	278,294	497,612	202,874	177,434	118,077
1,767	1,313	611	187,627	296,684	105,366	43,861	8,978
49,755	5,048	13,691	3,540,125	4,160,332	551,713	371,874	606,393
<b>82,316</b>	<b>18,721</b>	<b>100,060</b>	<b>3,751,581</b>	<b>7,069,862</b>	<b>3,117,184</b>	<b>1,117,488</b>	<b>1,008,325</b>
18,658	9,541	43,630	511,362	1,279,150	695,959	72,084	456,973
23,583	3,910	18,757	1,467,543	2,332,872	819,079	339,847	221,400
66	9	20	14,792	19,017	4,130	2,816	478
12,016	1,554	11,844	622,256	1,319,872	672,202	323,016	105,310
3,429	866	3,756	76,103	218,016	133,862	35,501	39,501
15,474	1,896	12,710	694,220	1,131,983	407,683	147,676	103,429
4,147	689	5,120	153,542	365,831	202,333	101,445	61,133
581	155	1,385	60,145	121,535	59,269	17,421	1,678
485	21	384	63,838	112,907	48,179	29,720	3,135
3,877	80	2,454	87,780	168,679	74,488	47,962	15,293
<b>24,763</b>	<b>2,859</b>	<b>22,897</b>	<b>2,105,735</b>	<b>3,711,540</b>	<b>1,555,286</b>	<b>979,536</b>	<b>214,582</b>
16,050	1,935	13,684	1,123,207	2,203,412	1,048,536	688,363	140,455
7,081	581	7,803	574,619	897,839	307,755	172,567	59,362
1,198	280	936	316,637	464,701	145,650	82,281	10,169
136	23	34	12,401	28,035	15,441	18,215	1,199
298	40	440	78,871	117,553	37,904	18,110	3,397
<b>268,296</b>	<b>30,831</b>	<b>165,442</b>	<b>5,289,321</b>	<b>11,239,335</b>	<b>5,485,445</b>	<b>3,894,162</b>	<b>3,702,573</b>
255,707	5,440	7,798	855,535	1,873,793	979,313	808,272	590,104
6,134	974	4,024	203,657	499,161	284,372	204,400	68,957
30,705	5,397	31,394	1,570,185	3,617,892	1,980,211	1,540,274	1,097,472
5,859	504	7,682	453,451	906,938	439,442	165,122	142,394
1,354	47	428	8,987	38,403	27,587	30,248	22,980
1,959	312	855	25,919	149,911	120,866	85,730	41,086
9,866	2,252	7,875	561,496	1,139,631	558,142	318,666	276,618
822	223	1,194	148,741	210,055	59,075	59,812	43,805
185,890	15,682	104,192	1,461,350	2,803,551	1,036,437	681,638	1,419,148
<b>133,333</b>	<b>14,010</b>	<b>92,060</b>	<b>2,696,153</b>	<b>4,590,061</b>	<b>1,654,505</b>	<b>674,775</b>	<b>875,064</b>
<b>863</b>	<b>139</b>	<b>372</b>	<b>30,953</b>	<b>75,849</b>	<b>43,522</b>	<b>57,019</b>	<b>6,250</b>
<b>32,342</b>	<b>2,973</b>	<b>26,884</b>	<b>976,148</b>	<b>2,006,192</b>	<b>967,845</b>	<b>563,087</b>	<b>321,747</b>
11,279	1,077	13,818	198,044	459,561	235,343	93,251	107,552
1,732	87	588	47,498	102,796	52,891	31,080	15,308
2,126	416	2,477	206,568	354,068	142,481	54,944	28,612
3,022	292	3,625	131,450	317,351	178,962	125,084	35,090
4,045	346	2,045	128,104	301,616	167,076	98,448	35,840
675	41	311	30,799	72,405	40,579	27,282	3,887
9,463	714	4,020	233,685	398,395	150,513	132,998	95,458
<b>713,507</b>	<b>34,039</b>	<b>153,313</b>	<b>820,542</b>	<b>4,585,537</b>	<b>2,864,136</b>	<b>2,466,406</b>	<b>10,391,179</b>
608,845	3,631	59,605	1,996	2,593,500	1,919,423	1,779,006	7,087,089
78,148	5,958	14,234	853	313,320	214,127	243,484	840,870
26,698	3,288	2,945	463	74,127	46,733	20,864	112,096
2,781	614	3,058	42,444	81,978	33,081	27,026	112,927
3,035	20,548	73,471	774,786	1,522,612	650,772	396,026	2,238,197
<b>4,622,042</b>	<b>516,745</b>	<b>3,185,015</b>	<b>112,024,332</b>	<b>209,348,845</b>	<b>89,000,711</b>	<b>47,064,570</b>	<b>44,985,756</b>

## INDIVIDUAL INDUSTRIES.

The salient features of the chief industries are set forth in the succeeding pages.

**Tanneries.** Tanning was one of the earliest industries established in Victoria; in the year 1850 there were thirteen tanneries in the State. Particulars relating to the industry for the year 1931-32 and the past four years are given in the following table :-

## VICTORIA—TANNERIES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	50	40	41	40	42
Number of persons engaged ..	1,626	2,316	2,221	2,182	2,083
Horsepower of engines used ..	3,775	8,057	7,903	8,038	8,308
Value of plant and machinery £	282,716	241,226	243,067	237,601	238,832
Value of land and buildings £	421,535	420,363	422,437	411,915	420,447
Salaries and wages paid £	318,165	514,937	489,647	496,068	516,416
Fuel, light, and power £	29,399	40,056	36,680	38,322	41,132
Value of materials used £	1,096,341	1,622,917	1,268,331	1,647,665	1,720,466
Value of output .. £	1,669,760	2,436,346	2,113,299	2,581,623	2,663,387
Value added to materials £	518,056	730,246	770,538	850,965	859,607
Materials treated—					
Cow and ox hides No.	654,584	895,171	793,069	847,697	890,464
Calf hides ..	375,424	430,347	377,126	486,110	510,647
Other skins and pelts ..	1,143,959	1,035,055	996,618	831,399	952,443
Bark used .. tons	10,178	10,209	10,600	11,218	10,538
Sole leather produced lb.	11,465,893	13,030,832	11,342,423	13,461,162	13,853,824

**Soap, candles, &c.** The manufacture of soap was also one of the earliest of Victorian industries. In the year 1850 the recorded production of the four establishments then operating was 5,840 cwt. of soap. The following table indicates the development which has since taken place.

## VICTORIA—SOAP FACTORIES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	21	18	18	16	14
Number of persons engaged ..	683	723	711	713	761
Horsepower of engines used ..	618	1,356	1,839	2,142	2,031
Value of plant and machinery £	227,535	255,201	203,998	186,601	177,574
Value of land and buildings £	197,183	206,326	213,789	207,550	199,789
Salaries and wages paid £	116,462	143,482	137,232	141,652	160,865
Fuel, light and power £	30,541	33,443	33,182	38,426	44,448
Value of materials used £	494,331	576,483	497,178	542,553	570,208
Value of output .. £	1,038,525	1,323,103	1,237,505	1,398,010	1,416,700
Value added to materials £	499,004	673,282	666,713	777,215	762,301
Materials treated—					
Tallow .. cwt.	211,444	206,349	190,245	220,195	222,908
Alkali ..	104,169	101,216	109,048	115,912	107,299
Copra oil ..	24,226	49,382	52,726	49,737	52,256
Output—					
Soap, household cwt.	283,196	185,886	192,283	202,221	170,608
"  Sand ..	24,803	35,342	37,875	31,422	32,977
"  Toilet ..	15,845	20,705	17,863	23,018	24,719
Soda crystals ..	34,871	36,829	28,401	22,647	15,781

Other items of manufacture included soft soap, wool scouring soap, soap extract, candles, glycerine, &c.

**Bricks, pottery, pipes and tiles.** These industries are grouped because some establishments which produce bricks also manufacture tiles, and others which produce tiles, also manufacture pipes and pottery. Factories manufacturing cement pipes and tiles are not included herein, but are grouped with those making cement and cement products.

## VICTORIA—BRICKS, POTTERY, PIPES AND TILES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	65	81	83	83	87
Number of persons engaged ..	1,148	3,166	3,255	3,280	3,526
Horse-power of engines used ..	6,475	13,780	14,123	14,455	15,433
Value of plant and machinery £	425,585	566,624	606,389	607,451	598,125
Value of land and buildings £	493,751	564,158	525,804	543,885	562,128
Salaries and wages paid £	185,796	607,613	651,974	685,559	779,786
Fuel, light, and power £	57,479	217,217	229,675	239,243	273,698
Value of materials used £	46,283	153,200	149,473	156,775	206,717
Value of output .. £	380,802	1,381,198	1,448,203	1,487,502	1,740,734
Value added to materials £	261,157	934,428	993,077	1,016,405	1,177,482
<b>Production—</b>					
Bricks, common .. (1,000)	45,682	190,666	197,245	186,835	206,700
Firebricks .. (1,000)	4,096	4,631	4,551	4,186	5,150
Roofing tiles .. (1,000)	1,439	12,069	13,737	13,288	14,255
Pipes .. .. £	45,579	196,357	214,229	220,531	242,206
Pottery .. .. £	46,602	297,211	291,483	294,451	368,868

**Forest Sawmills.** Detailed information in regard to the forest sawmills of the State for the five years 1936-37 to 1940-41 is given in the table which follows:—

## VICTORIA—FOREST SAWMILLS.

Year.	Number of Mills.	Value of Machinery and Plant in Use.	Persons Employed.	Salaries and Wages Paid.	Sawn Timber Produced.	
					Quantity.	Value.
		£		£	super ft.	£
1936-37 ..	192	395,419	1,951	371,772	122,907,580	865,789
1937-38 ..	203	434,935	1,935	387,940	121,782,570	893,991
1938-39 ..	205	383,608	1,797	375,504	111,383,079	862,828
1939-40 ..	193	421,616	1,910	417,401	119,585,488	981,912
1940-41 ..	182	456,973	2,066	501,270	137,550,470	1,212,692

In addition to the forest sawmills there were 522 other factories in the wood working group. Particulars relating to these for the year 1940-41 are given on page 462.

**Firewood.**

The quantity of timber recorded as sawn in firewood sawmills in the year 1940-41 was 318,901 tons, valued at the sawmills at £263,139. There is also a large amount of firewood taken from the forests which does not pass through these sawmills and its value cannot be reliably estimated. Statistics collected from factories, mines and quarries show that, during 1940-41, firewood amounting to 502,900 tons, which cost £252,152, was consumed.

**Agricultural and Dairying Machinery Works.**

The Agricultural Implement Industry, in 1938-39 and 1939-40, was affected by the decreased production, due to very dry seasons, as well as a substantial fall in prices of primary products.

### VICTORIA—AGRICULTURAL AND DAIRYING MACHINERY WORKS.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	71	80	79	79	77
Number of persons employed	1,627	4,539	3,999	3,781	4,185
Horse-power of engines used	2,378	8,721	9,421	9,971	10,971
Value of land and buildings £	291,190	405,089	600,327	613,775	620,633
Value of plant and machinery £	293,370	401,625	562,705	563,275	599,735
Salaries and wages paid £	291,771	1,045,214	900,844	908,420	1,102,056
Value of materials used £	288,492	1,135,453	914,487	890,220	954,674
Fuel, light, and power used £	24,166	64,475	51,165	55,431	82,899
Value of output .. £	707,159	2,691,479	2,180,881	2,142,634	2,533,440

**Bacon curing.**

In the following table particulars of bacon and ham curing establishments are given for the year 1931-32 and the past four years.

### VICTORIA—BACON FACTORIES.

Item.	1931-32	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	20	19	18	18	17
Number of persons employed	501	545	532	553	563
Horse-power of engines used	2,160	3,783	3,804	3,814	3,809
Value of land, buildings, plant, &c. .. £	354,240	361,933	348,206	344,909	224,326
Salaries and wages paid £	116,221	124,020	129,111	128,968	144,603
Value of materials used £	594,716	800,605	823,987	916,359	959,293
Value of fuel and light £	17,254	16,510	16,412	16,631	18,419
Value of output .. £	848,367	1,040,253	1,039,391	1,149,538	1,249,374
Pigs slaughtered for curing No.	198,212	172,535	170,189	170,905	198,663
Bacon and ham cured—					
In factories .. lb.	16,833,907	16,006,409	16,024,626	17,385,848	19,509,832
On farms .. lb.	1,453,497	689,995	485,511	500,457	530,097

Butter and  
cheese  
factories.

The number of butter, cheese, and kindred factories in 1940-41 was 168. Of these 130 were making butter, 26 cheese, 3 concentrated milk, 4 condensed milk, 15 powdered milk, 8 casein, and 3 milk sugar. There were also 17 creameries attached to the factories. The following table gives some indication of the value of this industry to the State:—

VICTORIA—BUTTER AND CHEESE FACTORIES.

Year.	Number of Factories.	Value of Machinery, Plant, Land, and Buildings.	Persons Employed.	Salaries and Wages Paid.	Value of Output.
		£		£	£
1931-32 ..	169	2,005,965	2,346	516,619	8,353,481
1932-33 ..	174	2,061,690	2,455	514,584	7,998,432
1933-34 ..	175	2,088,195	2,509	506,109	6,745,845
1934-35 ..	179	2,116,447	2,711	543,372	8,213,097
1935-36 ..	176	2,163,363	2,680	560,621	10,251,289
1936-37 ..	175	2,315,765	2,859	629,230	10,825,003
1937-38 ..	172	2,340,384	3,017	694,356	12,407,723
1938-39 ..	174	2,437,090	2,926	707,527	11,453,619
1939-40 ..	167	2,493,226	3,194	806,298	14,741,260
1940-41 ..	168	2,668,317	3,427	888,385	14,510,552

Further particulars relating to butter and cheese factories will be found on pages 421 and 460.

BAKERIES (INCLUDING BREAD, PASTRY, CAKES, ETC.).

The statistical definition of a factory (see page 455) excludes from enumeration many small bakeries. Of the 1,682 bakehouses registered at the Factories Department during the year 1940, only 602 come within the definition and are embraced by the table hereunder. It must be explained that the value quoted is the wholesale selling value of the goods at the factory exclusive of all selling and delivery costs.

## VICTORIA—BAKERIES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of factories ..	482	549	576	597	602
Number of persons employed	2,839	3,213	3,281	3,391	3,477
Horse-power of engines used ..	1,909	2,502	2,679	2,673	2,650
Value of land and buildings £	1,030,860	1,184,892	1,231,844	1,266,693	1,259,527
Value of plant and machinery £	377,371	376,595	415,927	451,758	448,604
Salaries and wages paid £	576,213	657,061	675,377	721,435	773,547
Value of materials used £	1,397,917	1,920,579	2,032,906	2,224,652	2,339,054
Fuel, light, and power used £	76,691	81,127	83,768	87,407	94,865
Repairs, oil and water used £	23,583	33,056	35,683	36,609	41,435
Total output ..	£ 2,475,992	£ 3,235,506	£ 3,479,340	£ 3,689,027	£ 3,995,872
Value added ..	£ 977,801	£ 1,200,744	£ 1,326,983	£ 1,340,359	£ 1,520,518
Value added per worker £	344	374	404	395	437
Flour used—tons (2,000 lb.)	88,987	92,191	92,770	105,944	100,668
Bread made—4-lb. loaves ..	54,728,450	55,485,924	55,386,952	57,017,198	61,048,763
Cakes, pastry, pies £	*	1,522,674	1,581,795	1,695,367	1,798,455

\* Not available.

Details of the production of frozen and preserved meat for the past five years are shown in the following table:—

## VICTORIA—MEAT FREEZING AND PRESERVING WORKS.

Item.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41
	†	†	†	†	†
Frozen meat—					
Cattle and calves qrs.	438,926	955,502	1,037,204	1,184,672	782,748
Sheep and Lambs No.	4,049,966	5,077,313	4,609,034	4,413,504	5,467,946
Rabbits and hares Pairs	3,913,437	5,791,622	4,647,300	4,885,745	3,279,914
Poultry ..	257,741	261,392	249,701	364,817	392,395
Pigs ..	No. 86,504	126,412	78,324	67,319	191,958
Preserved meat ..	cwt. 49,448	52,740	66,256	65,496	131,898

† Includes chilled.

Victorian flour mills produce ample flour, &c., to supply all local requirements and a considerable surplus for export. The following table gives particulars of the industry for the year 1931-32 and for the past four years.

## VICTORIA—FLOUR MILLS.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	39	38	38	36	37
Number of persons engaged	957	1,101	1,099	1,054	1,169
Horse-power of engines used	5,760	7,115	8,174	8,440	8,944
Value of plant and machinery £	508,905	493,838	492,065	501,585	509,532
Value of land and buildings £	476,250	543,861	595,565	598,045	643,514
Salaries and wages paid £	228,720	274,725	288,537	283,595	321,845
Fuel, light and power £	52,271	55,543	57,944	55,863	70,032
Value of materials used £	2,873,317	4,814,257	3,378,044	3,361,425	4,661,214
Value of output ..	£ 3,622,593	£ 5,409,048	£ 3,972,336	£ 4,007,867	£ 5,409,163
Value added to materials £	667,865	510,315	503,309	555,368	636,864
Wheat ground into flour, bushels	19,065,977	20,175,007	21,026,412	19,099,585	21,879,279
Flour produced ..	tons 396,257	424,177	436,328	397,698	452,812
(2,000 lb.)					
Bran produced ..	89,385	86,275	95,237	83,954	91,062
Pollard produced ..	81,815	91,910	90,180	90,915	100,106
Wheatmeal produced cwt.	60,852	139,200	152,804	163,179	203,394

Jam, pickle, and sauce works. Particulars relating to jam, pickle, sauce, fruit and vegetable canning factories are given in the table hereunder, which shows the main items of output, etc., for the year 1931-32 and for the past four years.

VICTORIA—JAMS, PICKLES, SAUCES, PRESERVES, ETC.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	43	46	43	45	48
Number of persons engaged ..	1,751	3,225	2,949	3,441	3,505
Horse-power of engines used ..	2,097	3,797	4,018	4,328	4,794
Value of plant and machinery £	280,660	354,841	342,749	358,401	379,571
Value of land and buildings £	465,558	682,800	675,362	714,648	734,355
Salaries and wages paid £	275,631	580,312	545,758	635,018	727,035
Fuel, light, and power used £	21,731	37,055	38,671	43,324	50,307
Value of materials used £	1,262,323	2,297,776	2,211,283	2,882,719	3,234,439
Value of output .. £	1,958,124	3,533,091	3,390,421	4,439,409	5,129,684
Fresh Fruit used .. cwt.	697,968	1,089,549	900,833	1,022,991	1,139,031
Sugar used .. "	246,400	326,180	290,100	403,260	479,580
Output of—					
Jams and jellies .. cwt.	298,898	275,086	257,193	462,672	524,923
Fruit preserved in liquid ..	355,088	913,796	814,706	786,266	885,649
Fruit pulp .. "	75,906	88,591	64,332	140,266	154,811
Sauce .. pints	5,528,979	9,895,651	9,299,365	11,128,988	10,672,798
Pickles .. "	725,410	†2,949,428	†2,537,772	†2,451,985	†2,752,466

† Includes Chutney.

Beet Sugar Industry. The Victorian Government operates a beet sugar factory at Maffra. A brief history of the beet sugar industry since its establishment in Victoria was given in the *Year-Book*, 1937-38.

The following table contains particulars relating to the production, &c., of sugar for the past ten years. A severe drought affected the production of beet in the 1938-39 season.

Prices paid to growers for beet vary annually in accordance with the sugar content and the Australian price of sugar. The prices per ton for the past five years were as follows:—1936-37, 42s.; 1937-38, 40s.; 1938-39, 40s.; 1939-40, 46s.; 1940-41, 44s.

VICTORIA—BEET SUGAR PRODUCTION.

Year.	Area.	Beet Purchased.	Sugar Content.	Sugar Produced.
	acres.	tons.	%	tons.
1931-32 ..	3,173	43,209	15·91	5,428
1932-33 ..	3,155	36,741	19·25	5,701
1933-34 ..	3,234	50,625	13·91	5,303
1934-35 ..	3,097	40,788	15·06	4,998
1935-36 ..	3,165	37,634	17·12	5,115
1936-37 ..	3,475	31,079	17·58	4,180
1937-38 ..	4,046	48,594	15·46	5,625
1938-39 ..	4,268	13,454	14·83	1,507
1939-40 ..	4,234	42,898	18·65	6,250
1940-41 ..	3,588	27,031	16·29	3,279

**Breweries and Distilleries.** Particulars regarding breweries and distilleries for the year 1931-32 and the past four years are set forth in the succeeding tables.

## VICTORIA—BREWERIES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of breweries ..	9	9	9	9	8
Number of persons engaged ..	1,041	1,420	1,516	1,602	1,740
Horse-power of engines ..	4,011	6,860	6,611	6,611	6,570
Value of plant and machinery £	952,830	840,581	932,992	934,877	917,345
Value of land and buildings £	716,186	769,562	789,404	791,995	746,584
Salaries and wages paid £	362,327	495,493	517,505	551,710	594,733
Fuel, light and power used £	47,955	60,587	63,203	66,928	71,758
Value of materials used £	696,524	1,243,561	1,269,269	1,367,625	1,723,699
Value of output ..	1,751,407	2,891,604	2,966,119	3,101,825	3,791,335
Value added to materials £	928,227	1,467,503	1,485,990	1,515,038	1,828,644
Materials used—					
Sugar .. .. cwt.	69,868	121,427	124,918	128,053	145,316
Malt .. .. bush.	619,055	992,860	1,014,010	1,036,711	1,225,107
Hops .. .. lb.	545,609	854,087	846,801	842,939	969,372
Beer and stout made gals.	18,705,325	30,570,063	31,541,886	32,318,251	39,033,250

## VICTORIA—DISTILLERIES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of distilleries ..	9	7	8	8	9
Number of persons engaged ..	119	74	90	82	95
Horse-power of engines ..	792	403	978	831	1,003
Value of plant and machinery £	204,495	106,043	160,418	150,159	140,718
Value of land and buildings £	209,860	186,494	220,579	216,885	209,961
Salaries and wages paid £	28,576	18,667	25,549	24,426	25,067
Fuel, light and power £	9,687	7,242	9,551	7,866	6,161
Value of materials used £	94,208	69,913	75,901	65,961	68,208
Value of output ..	235,173	192,227	222,077	166,570	174,224
Materials used—					
Wine .. .. gals.	896,782	1,181,601	789,135	648,534	660,124
Malt .. .. bush.	209,236	57,008	72,704	51,722	62,491
Other grain .. bush.	129,421	97,325	84,728	71,051	73,135
Molasses .. .. lb.	549,584	1,447,040	1,217,552	387,856	25,010,720
Spirits distilled in distilleries proof gals.	1,053,698	745,063	583,837	455,113	1,728,013
Spirits distilled by vinegrowers proof gals.	18,664	38,882	22,883	14,568	10,425

**Tobacco Factories.** The number of tobacco, cigar, and cigarette factories licensed in 1940-41 was twenty-three, of which eleven were too small to be classified statistically as factories and are consequently not included in the statistical tabulation on page 462. In the year mentioned the remaining twelve gave employment to 2,333 persons, who were paid £465,567 in wages and who used machinery, plant, land, and buildings valued at £648,478. The subjoined table shows the quantity of tobacco leaf used by and the

output of the full number of licensed establishments for the past ten years:—

VICTORIA—TOBACCO FACTORIES.

Year.	Unmanufactured Leaf Operated on.		Quantity Manufactured.		
	Australian.	Imported.	Tobacco.	Cigars.	Cigarettes.
	lb.	lb.	lb.	number.	number.
1931-32 ..	1,441,938	3,991,979	5,548,931	15,020,743	375,371,651
1932-33 ..	1,574,135	4,184,640	5,829,704	18,503,055	412,015,592
1933-34 ..	1,589,744	3,737,635	5,034,477	18,932,673	473,677,018
1934-35 ..	1,494,725	3,784,672	4,815,978	19,479,242	550,359,781
1935-36 ..	1,543,839	4,132,698	5,121,360	22,226,147	615,493,655
1936-37 ..	1,509,120	4,150,400	4,906,102	22,744,652	670,676,576
1937-38 ..	1,565,159	4,727,731	5,229,385	23,076,385	837,549,346
1938-39 ..	1,592,449	5,093,062	5,296,000	22,797,977	1,032,768,141
1939-40 ..	1,753,752	5,069,611	5,043,425	21,654,357	1,219,518,315
1940-41 ..	1,842,953	5,432,331	5,131,890	25,273,046	1,419,168,642

Victorian manufacturers supply nearly half of the Australian requirements in woollen piece goods. They have also developed an oversea export trade in wool tops and noils.

Woolen mills

VICTORIA—WOOLLEN MILLS.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	34	52	53	56	58
Number of persons employed ..	7,144	9,813	9,896	11,039	11,999
Horse-power of engines ..	15,530	26,767	27,797	30,917	31,253
Value of plant and machinery £ ..	1,650,695	1,777,059	1,773,475	1,722,679	1,647,047
Value of land and buildings £ ..	1,143,730	1,284,491	1,298,132	1,314,754	1,368,439
Salaries and wages paid £ ..	1,025,884	1,437,060	1,506,078	1,823,136	2,301,679
Fuel, light and power £ ..	145,325	168,709	173,703	219,869	247,533
Value of materials used £ ..	2,113,304	3,879,806	3,248,754	4,248,982	5,271,044
Value of output .. £ ..	4,134,830	6,325,824	5,956,106	7,955,722	10,587,546
Added value .. £ ..	1,767,565	2,130,844	2,380,714	3,273,050	4,779,124
Scoured wool used .. lb.	13,018,635	17,894,590	19,257,012	26,196,498	31,805,094
Cotton used ..	788,472	848,040	866,270	958,130	706,725
Tweed and cloth made sq. yds. ..	10,111,143	12,973,069	13,133,128	15,482,349	17,171,941
Flannel made ..	5,063,865	1,791,011	1,852,585	1,307,599	2,155,633
Blankets .. pairs ..	125,858	289,848	297,378	645,324	672,746
Rugs and shawls .. No.	69,573	92,588	77,513	104,734	62,800

Early records show that, in the year 1886-87, there were three hosiery factories in Victoria, employing 56 hands. The capital value of land, buildings and machinery was £2,080. The following table shows the main details relating to this industry for the past five years:—

## VICTORIA—HOSIERY AND KNITTING.

tem.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	208	216	221	231	234
Number of persons employed—					
Male .. .. .	3,632	3,959	4,048	4,225	4,110
Female .. .. .	7,964	8,432	8,451	9,071	9,260
Salaries and wages paid £	1,427,980	1,643,609	1,681,591	1,928,655	2,098,569
Value of land and buildings £	1,181,990	1,157,824	1,221,375	1,250,498	1,293,587
Value of plant and machinery £	1,273,751	1,265,179	1,271,787	1,162,954	1,065,986
Value of materials used £	2,564,249	2,790,791	2,618,243	3,420,147	4,283,690
Fuel, light, and power ..	64,993	74,879	79,810	93,883	94,252
Value of output .. .. .	£ 5,213,388	£ 5,655,022	£ 5,464,417	£ 6,851,475	£ 8,059,770
Added value .. .. .	£ 2,460,934	£ 2,674,686	£ 2,650,062	£ 3,189,646	£ 3,529,564
Yarn used—					
Woolen .. .. lb.	3,674,751	3,858,639	3,802,763	4,957,438	6,339,731
Cotton .. .. .	2,406,832	2,649,711	2,979,849	3,804,668	5,163,312
Silk .. .. .	767,090	1,154,939	919,695	718,592	498,863
Artificial silk .. ..	2,803,599	2,993,386	2,766,684	3,493,879	3,362,786
Stockings made .. .. doz. pair	*1,359,548	*1,550,154	*1,615,701	*1,805,444	*1,713,794
Socks made .. .. .	†1,006,454	†1,094,752	†1,158,222	†1,318,437	†1,342,417
Garments made .. .. Number	16,406,904	17,915,280	16,553,520	21,381,804	21,644,604

\* Women's socks and stockings only. † Includes Men's socks and stockings, doz. pair—1936-37, 775,443; 1937-38, 836,222; 1938-39, 892,631; 1939-40, 1,040,199; 1940-41, 1,047,463; Children's socks and stockings, doz. pair—1936-37, 231,011; 1937-38, 258,530; 1938-39, 265,591; 1939-40, 278,238; 1940-41, 294,954.

## Boots and Shoes.

Particulars relating to factories manufacturing boots and shoes are shown in the following table:—

## VICTORIA—BOOTS AND SHOES.

Item.	1931-32.	1937-38.	1938-39.	1939-40.	1940-41.
Number of establishments ..	176	162	158	168	166
Number of persons employed	8,656	9,497	9,609	10,491	10,058
Horse-power of engines used ..	2,835	3,440	3,710	4,518	4,626
Value of plant, machinery, land, and buildings £	1,229,492	1,057,287	1,087,513	1,162,203	1,116,642
Salaries and wages paid £	1,315,487	1,515,390	1,589,323	1,783,144	1,912,575
Fuel, light, and power ..	31,549	27,406	27,442	31,058	31,329
Value of materials used ..	£ 1,916,736	£ 2,477,930	£ 2,409,106	£ 2,964,461	£ 3,218,336
Value of output .. .. .	£ 3,773,432	£ 4,603,609	£ 4,600,365	£ 5,512,542	£ 5,896,871
Boots and shoes made .. pairs	7,570,209	7,877,630	7,463,770	8,016,146	7,907,596
Slippers made .. .. .	*3,056,638	4,378,935	4,218,245	4,212,039	4,245,000

\* Includes canvas shoes.

The value of the output of establishments connected with the manufacture of dress, i.e., clothing, tailoring, dressmaking, millinery, underclothing, hats and caps, &c., but exclusive of boots and shoes, was £23,070,998 in 1940-41, as compared with £12,856,708 in 1931-32. During the period 1931-32 to 1940-41 the persons employed increased by 40 per cent., the salaries and wages paid by 85 per cent., the value of materials

Dress (exclusive of boot) factories.

used by 75 per cent., and the value of the output by 79 per cent. Particulars of the industry for each of the past ten years are as follows:—

VICTORIA—DRESS (EXCLUSIVE OF BOOT) FACTORIES.

Year.	Number of Factories.	Number of Persons Employed.			Salaries and Wages Paid.	Value of Materials Used.	Value of Output.
		Males.	Females.	Total.			
					£	£	£
1931-32	1,371	5,924	24,255	30,179	3,496,808	7,105,835	12,856,708
1932-33	1,445	6,760	27,432	34,192	3,791,163	7,744,205	13,920,069
1933-34	1,493	7,168	28,529	35,697	3,936,233	8,149,015	14,820,538
1934-35	1,540	7,694	30,246	37,940	4,236,961	8,228,047	15,082,449
1935-36	1,515	8,277	31,235	39,512	4,581,706	8,884,171	16,571,245
1936-37	1,417	9,828	30,981	40,809	4,770,768	8,831,838	16,655,155
1937-38	1,479	9,231	32,225	41,456	5,352,401	9,700,508	18,027,490
1938-39	1,441	9,350	31,840	41,190	5,471,374	9,164,940	17,703,544
1939-40	1,411	9,462	32,607	42,069	5,868,961	10,426,504	19,811,880
1940-41	1,423	9,406	32,925	42,331	6,454,817	12,469,012	23,070,998

Particulars relating to the electric light and power works of the State are given in the next table:—

VICTORIA—ELECTRIC LIGHT AND POWER WORKS.

Year.	Number of Stations.	Value of Machinery and Plant.	Persons Employed.	Wages Paid.	Electricity Generated.	Value of Output.
		£		£	Kilowatt Hours.	£
1931-32	84	6,152,620	1,168	266,657	704,639,000	1,375,886
1932-33	87	6,262,802	1,244	276,499	778,650,000	1,422,938
1933-34	93	6,494,657	1,281	284,811	830,910,000	1,506,903
1934-35	94	6,373,593	1,364	292,529	900,247,000	1,604,679
1935-36	93	6,336,498	1,414	314,961	981,189,000	1,677,499
1936-37	91	6,934,522	1,346	320,098	1,049,768,000	2,635,151
1937-38	81	6,327,762	1,306	345,576	1,071,596,000	2,524,528
1938-39	79	6,617,530	1,376	390,090	1,136,301,000	2,435,604
1939-40	78	7,467,138	1,445	418,511	1,252,936,000	2,673,351
1940-41	73	8,040,055	1,417	454,182	1,385,038,000	2,980,947

The reduction shown in the number of persons employed after 1935-36 was probably due to a more rigid exclusion of employees engaged in the transmission and distribution of electricity: the increase in the value of output to an alteration in the method of computing value at the generating station. In addition to the power stations shown above for the year 1940-41, there were 65 factories which generated electricity mostly for their own use, the total thus generated for the year mentioned amounted to 165,130,000 kwh. Prior to 1937-38 the power generated in such factories was included in the production of electricity shown on the previous page.

## STATE ELECTRICITY COMMISSION OF VICTORIA.

The State Electricity Commission was constituted by the *Electricity Commissioners Act 1918* as amended by the *State Electricity Commission Act 1920*, now consolidated in the *State Electricity Commission Act 1928*. The Act provides for the appointment, for terms not exceeding seven years, of a chairman and three commissioners. The Commission's duties cover—

1. Control of generation, supply, and use of electricity in Victoria.
2. Investigation and, where practicable, development of all possible sources of power.
3. Promotion of the use of electricity.

The Commission is empowered to erect, acquire and operate electrical undertakings and to operate any business associated therewith; to supply electricity to corporations and to persons outside areas in which there are existing undertakings, to frame safety regulations, register electrical contractors, and to issue licences for electrical mechanics. It controls its own funds and all officers and employees required for the operation of the Act.

A comprehensive transmission system has been established, based upon the brown coal deposits at Yallourn. From Yallourn, two 132,000-volt lines transmit electricity to receiving stations at Richmond and Yarraville. A third station (Thomastown) receives electricity from the Sugarloaf-Rubicon hydro-electric generating group in the north-eastern district.

There are generating stations at Newport, Richmond, Geelong and Ballarat. All these generating sources are electrically inter-connected.

An hydro-electric scheme on the Kiewa River, to provide 104,000 kW. in economic instalments between 1942 and 1952, is under construction, while the peak load capacity at Newport is to be increased.

There are six main receiving stations in addition to which there are 24 main metropolitan sub-stations, 13 distribution sub-stations at line voltage, and 3,168 metropolitan and rural sub-stations. High and low tension lines aggregate 4,644 and 3,895 route miles respectively, excluding 742 cable miles of underground cables. The Commission supplies practically the whole of the electricity requirements of the metropolitan area of Melbourne, excluding the railways. It retails direct in twenty-two of the metropolitan municipalities, in addition to outer metropolitan centres.

The rural centres supplied by the Commission number 501, of which 416 had no supply previously. These figures exclude the provincial cities of Ballarat, Bendigo, and Geelong, where the Commission also operates tramways.

The Commission also operates a briquette factory at Yallourn. This includes eight steam presses and seven electric presses, the total capacity of which is 1,200 tons of brown coal briquettes a day. The bulk of the output is used for industrial purposes. By-product electricity is supplied from the briquette factory to the transmission system at Yallourn power station.

Particulars in regard to gasworks are given below for each of the past five years.

## VICTORIA—GASWORKS.

Year.	Number of Works.	Persons Employed.	Wages Paid.	Coal Used.	Gas Made.	Coke Produced.	Value of Output.
			£	tons.	cubic feet	tons.	£
1936-37 ..	39	724	186,489	368,963	6,564,355,000	199,652	1,367,838
1937-38 ..	39	747	199,289	379,960	6,701,804,000	212,542	1,395,166
1938-39 ..	39	828	223,512	391,092	7,129,698,000	217,850	1,348,989
1939-40 ..	39	878	238,088	411,554	7,693,470,000	234,669	1,487,584
1940-41 ..	39	893	254,205	449,653	8,367,358,000	251,043	1,604,590

Oil was used as well as coal in the manufacture of gas, the number of gallons consumed being 1,128,140 in 1935-36, 1,292,206 in 1936-37, 1,203,294 in 1937-38, 1,785,500 in 1938-39, 1,683,945 in 1939-40, and 1,413,000 in 1940-41.

The following table is an analysis of factory statistics designed to show the relative importance of the various classes of manufacturing in Victoria.

## VICTORIA—VALUE OF ARTICLES PRODUCED IN FACTORIES.

Class of Industry.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	£	£	£	£	£
1. Treatment of non-ferrous mine and quarry products ..	2,445,353	2,808,306	2,993,612	3,118,040	3,261,351
2. Bricks, pottery, glass, &c ..	2,018,926	2,241,357	2,294,715	2,423,409	2,823,250
3. Chemicals, dyes, explosives, paint, oils, and grease ..	9,073,976	9,970,909	10,115,983	12,292,943	17,183,876
4. Industrial metals, machines, implements, and conveyances ..	26,849,850	31,140,916	30,718,898	33,932,842	45,813,454
5. Precious metals, jewellery, and plate ..	917,674	1,022,471	1,010,767	1,175,843	1,455,564
6. Textiles and textile goods (not dress) ..	14,262,943	15,298,559	14,523,484	18,983,926	23,785,447
7. Skins and leather (not clothing or footwear) ..	4,547,047	4,237,259	3,721,705	4,610,192	5,048,982
8. Clothing ..	16,021,980	17,281,253	17,174,627	18,294,893	20,980,112
9. Food, drink, and tobacco ..	41,770,149	45,912,799	44,109,455	49,968,975	55,718,433
10. Woodworking and basket ware ..	5,066,362	5,527,505	5,320,115	6,012,196	7,069,862
11. Furniture, bedding, &c. ..	2,573,992	2,825,221	2,924,892	3,216,575	3,711,540
12. Paper, stationery, printing, bookbinding, &c. ..	8,182,693	9,141,044	9,070,629	9,882,802	11,239,335
13. Rubber ..	3,455,116	4,094,017	3,677,837	4,383,070	4,590,061
14. Musical instruments ..	30,888	38,052	30,282	40,049	75,849
15. Miscellaneous products ..	1,472,254	1,591,388	1,496,017	1,807,711	2,006,192
16. Heat, light, and power ..	4,002,989	3,919,669	3,784,593	4,160,935	4,585,537
Total ..	142,692,192	157,050,725	152,967,611	174,304,401	209,348,845

**Employment in factories.** The average number of persons employed in each class of industry is shown hereunder. The method of arriving at this average was altered in the year 1928-29, and it is now taken as the average number employed over the whole year, and not, as formerly in the case of a seasonal factory working only for a portion of the year, the average for the period of operation.

The table of monthly employment in factories (see page 498) is designed to show seasonal employment.

VICTORIA—AVERAGE NUMBER OF PERSONS EMPLOYED IN FACTORIES.

Class of Industry.	1930-31.	1937-38.	1938-39.	1939-40.	1940-41.
1. Treatment of non-metallic ferrous mine and quarry products .. ..	1,505	3,050	3,221	3,051	3,068
2. Bricks, pottery, glass, &c. ..	1,831	4,482	4,552	4,384	4,751
3. Chemicals, dyes, explosives, paint, oils, and grease ..	4,723	7,856	8,554	11,827	18,105
4. Industrial metals, machines, implements, and convey- ances .. ..	26,193	52,570	51,872	53,963	66,599
5. Precious metals, jewellery, and plate .. ..	941	2,273	2,315	2,423	2,510
6. Textiles and textile goods (not dress) .. ..	14,719	26,487	26,780	29,379	31,281
7. Skins and leather (not cloth- ing or footwear) .. ..	2,738	4,608	4,599	4,607	4,854
8. Clothing .. ..	30,157	39,204	38,973	39,442	39,400
9. Food, drink, and tobacco ..	20,024	27,009	26,949	28,112	30,028
10. Woodworking and basket- ware .. ..	4,483	7,720	7,386	7,948	8,755
11. Furniture, bedding, &c. ..	2,674	4,853	4,871	4,750	4,901
12. Paper, stationery, printing, bookbinding, &c. ..	10,641	13,817	13,819	13,928	14,001
13. Rubber .. ..	2,051	3,042	2,948	3,167	3,530
14. Musical instruments .. ..	298	100	89	99	151
15. Miscellaneous products ..	1,052	2,693	2,699	3,058	3,392
16. Heat, light, and power ..	1,986	2,025	2,204	2,323	2,310
<b>Total .. ..</b>	<b>126,016</b>	<b>201,789</b>	<b>201,831</b>	<b>212,461</b>	<b>237,636</b>

Since the year 1930-31, when severely depressed conditions prevailed, the number of persons employed in factories has increased by 89 per cent.

A significant feature of the next table is the steady increase shown in factories of over 50 hands and of the persons employed therein. In 1936-37 the total number employed in factories of this size group was 118,626, representing 62 per cent., whilst in 1940-41 this total had increased to 162,457, or 68 per cent. of the total number employed in factories.

VICTORIA—FACTORIES ACCORDING TO NUMBER OF HANDS EMPLOYED.

	Showing Annual Percentage Increase or Decrease.									
	1936-37.	Increase.	1937-38.	Increase.	1938-39.	Increase.	1939-40.	Increase.	1940-41.	Increase.
		%		%		%		%		%
<b>Under 4 hands—</b>										
Number of Factories	3,263	- 1.5	3,229	- 1.0	3,208	- 0.7	3,136	- 2.2	3,059	- 2.5
„ Employees	6,153	- 1.5	6,156	0.0	6,140	- 0.3	5,944	- 3.2	5,749	- 3.3
<b>4 hands—</b>										
Number of Factories	777	- 5.9	742	- 4.5	784	5.7	788	0.5	754	- 4.3
„ Employees	3,108	- 5.9	2,968	- 4.5	3,136	5.7	3,152	0.5	3,016	- 4.3
<b>5 to 10 hands—</b>										
Number of Factories	2,189	- 0.2	2,220	1.4	2,178	- 1.9	2,153	- 1.15	2,085	- 3.2
„ Employees	15,291	- 0.2	15,526	1.5	15,213	- 2.0	15,132	- 0.53	14,666	- 3.1
<b>11 to 20 hands—</b>										
Number of Factories	1,209	6.4	1,267	4.8	1,278	0.9	1,272	- 0.5	1,268	- 0.3
„ Employees	17,759	5.6	18,706	5.3	19,013	1.6	18,678	- 1.8	18,611	- 0.4
<b>21 to 50 hands—</b>										
Number of Factories	998	0.1	1,008	1.0	1,021	1.3	1,058	3.6	1,092	3.2
„ Employees	31,755	0.3	32,288	1.7	32,838	1.7	33,427	1.8	34,645	3.6
<b>51 to 100 hands—</b>										
Number of Factories	384	4.1	405	5.5	415	2.5	425	2.4	443	4.2
„ Employees	26,499	4.8	28,125	6.1	28,813	2.4	29,704	3.1	30,671	3.3
<b>Over 100 hands—</b>										
Number of Factories	345	5.8	370	7.2	366	- 1.1	383	4.6	420	9.7
„ Employees	92,127	6.6	99,329	7.8	98,312	- 1.0	107,800	9.7	131,786	22.3

### VICTORIA—PROPORTION OF FACTORIES OF DIFFERENT SIZES.

Size of Factory.	Percentage to Total.									
	1936-37.		1937-38.		1938-39.		1939-40.		1940-41.	
	Factories.	Employees.	Factories.	Employees.	Factories.	Employees.	Factories.	Employees.	Factories.	Employees.
Under 4 hands ..	35·6	3·2	35·0	3·0	34·7	3·0	34·0	2·8	33·5	2·4
4 ..	8·5	1·6	8·0	1·5	8·5	1·5	8·5	1·5	8·3	1·3
5 to 10 ..	23·9	7·9	24·0	7·6	23·5	7·5	23·4	7·1	22·8	6·1
11 to 20 ..	13·1	9·2	13·7	9·2	13·8	9·3	13·8	8·7	13·9	7·3
21 to 50 ..	10·9	16·5	10·9	15·9	11·0	16·1	11·5	15·6	12·0	14·5
51 to 100 ..	4·2	13·8	4·4	13·9	4·5	14·2	4·6	13·9	4·9	12·3
101 and over ..	3·8	47·8	4·0	48·9	4·0	48·4	4·2	50·4	4·6	55·1
Total ..	100·0	100·0	100·0	100·0	100·0	100·0	100·0	100·0	100·0	100·0

#### Occupations in factories.

In the following table the persons employed in factories are grouped according to their occupational status:—

### VICTORIA—OCCUPATIONS OF PERSONS EMPLOYED IN FACTORIES.

Occupations.		1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
Working proprietors ..	No.	8,032	7,919	7,760	7,730	7,578
Managers, overseers ..	"	6,402	6,749	6,867	7,295	8,271
Accountants, clerks ..	"	9,588	10,382	11,008	11,883	13,937
Engine-drivers, firemen	"	1,877	1,823	1,814	1,944	1,992
Workers in factory or works	"	163,099	172,695	172,083	181,105	203,284
Outworkers ..	"	176	148	120	143	173
Carters, messengers ..	"	} 2,209	2,073	2,179	2,361	2,401
Others ..	"					
Total ..	..	191,383	201,789	201,831	212,461	237,636

**Outworkers.** The term "outworkers" used in the above table relates to workers working for factories in their own homes, but does not include individuals working for themselves. The employment of outworkers is regulated by a special provision of the Factories and Shops Act. They are required to register their names and addresses with the Chief Inspector of Factories, and factory proprietors are forbidden to give work to those who are not so registered.

Sex distribution in factories. The average numbers of males and of females employed in factories and their proportions to the male and female populations, for each of the years 1931-32 to 1940-41, were as follows :—

VICTORIA—EMPLOYMENT OF MALES AND FEMALES IN FACTORIES.

Year.	Males.		Females.		Total.	
	Number.	Average per 10,000 of Male Population.	Number.	Average per 10,000 of Female Population.	Number.	Average per 10,000 of Total Population.
1931-32 ..	81,618	917	46,647	512	128,265	712
1932-33 ..	91,899	1,020	52,529	575	144,428	796
1933-34 ..	100,959	1,115	55,375	602	156,334	857
1934-35 ..	110,910	1,219	58,781	634	169,691	924
1935-36 ..	121,734	1,335	61,656	662	183,390	995
1936-37 ..	128,457	1,403	62,926	672	191,383	1,033
1937-38 ..	136,160	1,481	65,629	697	201,789	1,084
1938-39 ..	136,218	1,470	65,613	692	201,831	1,076
1939-40 ..	143,238	1,533	69,223	724	212,461	1,124
1940-41 ..	161,880	1,745	75,756	781	237,636	1,252

Of the total persons employed, males formed 63·6 per cent. in 1931-32 and 68·1 per cent. in 1940-41. During the period 1931-32 to 1940-41 the number of males employed increased by 80,262, or 98·3 per cent., and the number of females employed, by 29,109 or 62·4 per cent.

**Employment of females.** Of the total number of females in factories, 62·4 per cent. are engaged in the textile and clothing industries and 11·4 per cent. in the preparation of food and drink. The extent of female employment in certain industries is shown in the next table :—

## VICTORIA—FEMALE EMPLOYMENT IN FACTORIES, 1940-41.

Industry.	Number Employed.		Females per 100 Males.
	Males.	Females.	
Chemicals, drugs, &c. .. ..	1,157	1,083	93
Explosives .. .. .	*	*	*
Matches .. .. .	348	459	132
Cotton .. .. .	975	1,658	170
Woollen mills .. .. .	5,872	6,127	104
Hosiery and knitting .. ..	4,110	9,260	225
Silk, natural and artificial ..	195	573	294
Rope, cordage .. .. .	*	*	*
Furriers and fur dressing ..	334	336	100
Bags, trunks, &c... .. .	389	693	178
Tailoring and slop clothing ..	1,931	6,694	347
Clothing, waterproof .. ..	110	376	342
Dressmaking .. .. .	679	7,948	1,170
Millinery .. .. .	104	1,070	1,029
Shirts, underclothing, corsets	489	4,768	975
Handkerchiefs, ties, &c. .. .	34	301	885
Hats and caps .. .. .	674	876	130
Boots and shoes .. .. .	4,879	5,179	106
Dyeworks and cleaning .. ..	811	795	98
Biscuits .. .. .	556	646	116
Confectionery .. .. .	1,167	1,555	133
Jams, pickles, &c. .. ..	1,787	1,718	96
Condiments, grocers' sundries	547	655	119
Tobacco, cigarettes, &c. .. .	861	1,472	171
Furnishing, drapery .. .. .	111	477	430
General printing and bookbinding	3,881	1,748	45
Envelopes, stationery, &c. ..	349	394	113
Cardboard boxes, cartons ..	665	951	143
Rubber goods .. .. .	2,559	971	38
All other factories .. .. .	126,306	16,973	13
Total .. .. .	161,880	75,756	47

\* Figures not available for publication.

**Child labour in factories.** The main reason for the small proportion of children engaged in factories is that daily attendance at school is compulsory between the ages of 6 and 14 years.

Another reason is the restriction imposed by the Victorian Factories Act on the employment of female children under the age of 15 years unless a special permit is granted by the Chief Inspector of Factories on the grounds of poverty or hardship.

VICTORIA—FACTORY EMPLOYMENT—AGE GROUPS.

Year.	Males.				Females.			
	Under 16 Years.	16 and Under 21 Years.	21 Years and Over.	Total Males.	Under 16 Years.	16 and Under 21 Years.	21 Years and Over.	Total Females.
1931-32 ..	2,615	14,835	64,168	81,618*	4,089	16,238	26,320	46,647*
1932-33 ..	3,441	16,847	71,611	91,899*	4,643	18,234	29,652	52,529*
1933-34 ..	4,247	17,889	78,823	100,959*	5,635	19,579	30,161	55,375*
1934-35 ..	5,194	20,865	84,851	110,910*	6,015	20,187	32,579	58,781*
1935-36 ..	6,118	22,567	93,049	121,734*	6,002	21,135	34,519	61,656*
June 15th, 1937	6,213	24,851	92,264	123,328	5,298	21,296	34,580	61,194
June 15th, 1938	6,017	26,444	97,188	129,649	5,279	22,429	36,428	64,136
June 15th, 1939	5,772	26,303	96,508	128,583	5,005	21,999	36,808	63,812
June 15th, 1940	6,060	27,150	105,978	139,188	5,276	23,153	40,531	68,960
June 15th, 1941	5,775	27,248	130,919	163,942	4,664	23,238	49,776	77,678

Percentage—

	To Total Males Employed				To Total Females Employed			
1931-32 ..	3·20	18·18	78·62	100·00	8·77	34·81	56·42	100·00
1932-33 ..	3·74	18·34	77·92	100·00	8·84	34·71	56·45	100·00
1933-34 ..	4·20	17·72	78·08	100·00	10·18	35·35	54·47	100·00
1934-35 ..	4·68	18·81	76·51	100·00	10·23	34·34	55·43	100·00
1935-36 ..	5·03	18·54	76·43	100·00	9·73	34·28	55·99	100·00
June 15th, 1937	5·04	20·15	74·81	100·00	8·66	34·83	56·51	100·00
June 15th, 1938	4·64	20·40	74·96	100·00	8·23	34·97	56·80	100·00
June 15th, 1939	4·49	20·46	75·05	100·00	7·84	34·48	57·68	100·00
June 15th, 1940	4·35	19·51	76·14	100·00	7·65	33·58	58·77	100·00
June 15th, 1941	3·52	16·62	79·86	100·00	6·00	29·92	64·08	100·00

\* Includes working proprietors.

Prior to the year 1936-37, the proportions were based on the average numbers employed over the whole year including working proprietors. In 1936-37 the annual questionnaire was altered to ask for the number of employees in each age group on 15th June and working proprietors were excluded from the totals. The effect is simplified compilation and possibly more precise statistics.

**Machinery in factories.** In the following tables are shown the number of factories using mechanical power, and the value of the machinery and plant for each of the ten years, 1931-32 to 1940-41. The value recorded is the depreciated value or book value less any existing depreciation reserve.

VICTORIA—MACHINERY IN FACTORIES.

Year.	Number of Factories equipped with Power-driven Machinery.	Average Horse-power used.	Value of Machinery and Plant.
1931-32 ..	7,617	340,653	£ 33,481,615
1932-33 ..	8,023	364,121	33,022,441
1933-34 ..	8,238	389,186	33,270,400
1934-35 ..	8,445	404,702	33,947,056
1935-36 ..	8,480	441,445	34,194,608
1936-37 ..	8,538	*789,524	36,213,626
1937-38 ..	8,655	*858,216	36,868,289
1938-39 ..	8,761	*862,221	38,570,380
1939-40 ..	8,741	*997,768	40,849,523
1940-41 ..	8,678	*1,063,200	44,985,756

\* "Rated" Horse-power. See following table relating to Horse-power.

The nature of the motive power used in the factories of the State is set out in the next table. Establishments using more than one kind of mechanical power are included once only in the table, usually under the power which is principally used.

### VICTORIA—POWER USED IN FACTORIES.

Year.	Number of Factories using—					
	Steam.	Gas.	Electricity.	Oil.	Water.	Manual Labour.
1931-32 ..	479	213	6,426	493	6	587
1932-33 ..	485	197	6,840	493	8	589
1933-34 ..	491	174	7,074	492	7	658
1934-35 ..	477	180	7,279	499	10	655
1935-36 ..	458	160	7,341	512	9	680
1936-37 ..	402	171	7,465	489	11	627
1937-38 ..	385	146	7,661	455	8	586
1938-39 ..	424	129	7,780	424	4	489
1939-40 ..	325	112	7,861	437	6	474
1940-41 ..	300	101	7,863	407	7	443

The difficulty of obtaining an accurate measure of average horse-power of engines used in factories has been pointed out in previous issues of this *Year-Book*. In 1937 Australian Statisticians decided to discard the "average" as a measure of horse-power and to substitute the "rated" horse-power of engines (a) ordinarily in use and (b) in reserve or idle.

From the table hereunder, it can be calculated that the total rated horse-power used in Victorian factories other than Electric Generating stations, during 1940-41 excluding, to avoid duplication, the horse-power driven by electricity generated in their own works, was 483,228.

### VICTORIA—HORSE-POWER OF ENGINES IN FACTORIES, 1940-41.

Class of Engine.	Electric Generating Stations. (Maximum Load).	Other Factories. Rated Horse-power	Total.
Steam—			
Reciprocating .. .. .	830	38,491	39,321
Turbine .. .. .	470,816	39,849	510,665
Internal Combustion—			
Gas .. .. .	1,280	4,062	5,342
Petrol or other light oils .. .. .	45	4,299	4,344
Heavy oils .. .. .	9,324	11,024	20,348
Water .. .. .	29,390	1,330	30,720
Total .. .. .	511,685	99,055	610,740
Electric motors driven by—			
(a) Electricity generated in own works .. .. .	19,895	44,758	64,653
(b) Purchased electricity .. .. .	..	384,233	387,807

Reserve or idle horse-power capacity amounted to 89,518, exclusive of that in heat, light, and power generating stations.

The total amount and the average amount of salaries and wages paid to persons employed in factories are given in the following table for each of the past ten years.

VICTORIA—SALARIES AND WAGES PAID IN FACTORIES.

Year.	Drawings by Working Proprietors (excluding Profits).		Salaries Paid to Managers and Clerks.		Wages Paid to Factory Workers.		Total Salaries and Wages Paid.
	Males.	Females.	Males.	Females.	Males.	Females.	
<i>Aggregate Amounts.</i>							
1931-32..	£ 1,705,796	£ 98,758	£ 2,679,923	£ 455,454	£ 12,425,431	£ 3,893,237	£ 21,258,599
1932-33..	1,774,820	103,421	2,775,190	480,551	13,821,827	4,140,703	23,096,512
1933-34..	1,858,005	109,489	2,932,119	506,467	15,077,479	4,335,584	24,819,143
1934-35..	1,918,021	125,780	3,111,666	542,939	16,924,648	4,695,761	27,318,815
1935-36..	2,008,313	129,366	3,345,721	588,515	19,409,390	5,112,402	30,593,707
1936-37..	2,070,557	155,452	3,755,443	691,602	21,208,444	5,331,406	33,212,904
1937-38..	2,126,948	140,684	4,075,295	757,828	24,165,763	5,962,025	37,228,543
1938-39..	2,139,882	139,461	4,322,645	802,841	24,683,101	6,217,955	38,305,885
1939-40..	2,205,339	139,094	4,682,728	876,390	27,117,013	6,900,162	41,920,726
1940-41..	2,352,463	145,603	5,590,750	1,076,741	34,798,321	8,330,795	52,294,673

Year.	£ s. d.													
	£	s. d.												
1931-32..	275	7 11	165	8 6	345	7 11	136	11 4	183	12 7	91	2 11	160	3 0*
1932-33..	275	5 0	159	7 1	334	9 7	131	6 0	179	2 11	85	17 5	154	10 1*
1933-34..	269	12 7	159	2 10	334	10 6	131	10 4	176	15 1	85	5 9	153	12 5*
1934-35..	264	3 1	168	3 1	335	13 5	127	13 3	179	6 7	87	6 4	156	6 6*
1935-36..	275	1 6	175	1 1	335	14 11	129	10 10	185	15 10	90	13 9	162	5 8*
1936-37..	286	5 4	169	10 7	343	7 5	136	17 5	192	6 1	93	8 3	169	0 1*
1937-38..	297	18 8	180	7 3	349	13 10	138	7 4	205	18 0	100	8 4	180	12 10*
1938-39..	305	12 3	183	19 8	355	14 3	140	5 8	210	17 0	105	3 1	185	12 9*
1939-40..	315	5 6	189	4 10	359	10 4	142	8 8	220	1 6	110	13 11	193	6 2*
1940-41..	343	0 6	202	4 6	376	1 0	146	13 6	248	5 8	123	1 3	216	9 1*

\* This figure is based on the number of employees and the wages, &c., paid to them, working proprietors being excluded.

The average annual earnings of all employees (excluding working proprietors) increased by £23 2s. 11d. in 1940-41.

The cost of production and the value of the output in each class of manufacturing industry during the year 1940-41 are given in the subjoined statement:—

VICTORIA—FACTORY COSTS AND OUTPUT, 1940-41.

Class of Industry.	Cost of—				Value of Output.
	Raw Materials Used (including Containers).	Fuel, Light, and Power Used.	Salaries and Wages Paid.	Tools replaced, Repairs to Plant, Oil and Water Used.	
	1.	2.	3.	4.	5.
	£	£	£	£	£
1. Treatment of non-ferrous mine and quarry products ..	1,183,120	238,768	786,543	112,934	3,261,351
2. Bricks, pottery, glass, &c.	445,296	353,535	1,070,072	134,025	2,823,250
3. Chemicals, dyes, explosives, paint, oils, and grease ..	8,435,830	379,701	4,556,994	430,344	17,183,876
4. Industrial metals, machines, implements, and conveyances ..	19,958,275	822,742	17,210,709	869,501	45,813,454
5. Precious metals, jewellery, and plate ..	629,268	19,572	543,221	16,747	1,455,564
6. Textiles and textile goods (not dress) ..	12,555,911	422,698	5,492,732	535,186	23,785,447
7. Skins and leather (not clothing or footwear) ..	3,113,327	70,369	1,088,239	65,075	5,048,982
8. Clothing ..	11,339,534	152,180	6,339,583	183,354	20,980,112
9. Food, drink, and tobacco ..	38,693,338	907,057	6,720,859	689,994	55,718,433
10. Woodworking and basketware ..	3,751,581	82,316	2,145,598	118,781	7,069,862
11. Furniture, bedding, &c. ..	2,105,735	24,763	987,623	25,756	3,711,540
12. Paper, stationery, printing, bookbinding, &c. ..	5,289,321	268,296	3,177,669	196,273	11,239,335
13. Rubber ..	2,696,153	133,333	817,531	106,070	4,590,061
14. Musical instruments ..	30,953	863	34,254	511	75,849
15. Miscellaneous products ..	976,148	32,342	614,659	29,857	2,006,192
16. Heat, Light, and power ..	820,542	713,507	708,387	187,352	4,585,537
Total ..	112,024,332	4,622,042	52,294,673	3,701,760	209,348,845

The difference between the sum of the first four columns and the last column in the preceding table represents the amount available for miscellaneous expenses, interest, and profit. The proportions which this margin and the chief items of the cost of production bear to the total value of production in each class of industry are shown in the following table:—

VICTORIA—PROPORTIONATE VALUE OF COSTS, ETC., TO PRODUCTION IN FACTORIES, 1940-41.

Class of Industry.	Percentage of Costs, &c., to Total Value of Output.				
	Materials Used, including Containers.	Fuel, Light, &c.	Wages.	Tools Replaced, Repairs to Plant, Oil and Water Used.	All other Expenditure, Interest and Profit.
	%	%	%	%	%
1. Treatment of non-metalliciferous mine and quarry products .. ..	36·3	7·3	24·1	3·5	28·8
2. Bricks, pottery, glass, &c.	15·8	12·5	37·9	4·7	29·1
3. Chemicals, dyes, explosives, paint, oils, and grease .. ..	49·1	2·2	26·5	2·5	19·7
4. Industrial, metals, machines, implements, and conveyances .. ..	43·6	1·8	37·6	1·9	15·1
5. Precious metals, jewellery, and plate .. ..	43·2	1·3	37·3	1·2	17·0
6. Textiles and textile goods (not dress) .. ..	52·8	1·8	23·1	2·3	20·0
7. Skins and leather (not clothing or footwear) ..	61·7	1·4	21·5	1·3	14·1
8. Clothing .. ..	54·0	·7	30·2	·9	14·2
9. Food, drink, and tobacco	69·4	1·6	12·1	1·2	15·7
10. Woodworking and basket-ware .. ..	53·1	1·2	30·3	1·7	13·7
11. Furniture, bedding, &c. ..	56·7	·7	26·6	·7	15·3
12. Paper, stationery, printing, bookbinding, &c. ..	47·1	2·4	28·3	1·8	20·4
13. Rubber .. ..	58·7	2·9	17·8	2·3	18·3
14. Musical instruments ..	40·8	1·1	45·2	·7	12·2
15. Miscellaneous products ..	48·7	1·6	30·6	1·5	17·6
16. Heat, light, and power ..	17·9	15·6	15·4	4·1	47·0
Total .. ..	53·5	2·2	25·0	1·8	17·5

There are considerable variations in the proportions which the cost of materials and the expenditure on wages bear to the value of the output in the different classes of industries. These are, of course, due to the difference in the treatment required to convert the raw material to its manufactured form. Thus, in class two, the sum paid in wages represents 38 per cent. and the cost of raw materials 16 per cent. of the value of the finished article, whilst, in class nine, the expenditure on wages amounts to 12 per cent. and that on raw materials to 69 per cent. of the value of the output.

In the next table the cost of production, the value of the output of factories, and the balance available for profit and miscellaneous expenses are compared for each of the years 1931-32 to 1940-41.

#### VICTORIA—COST OF PRODUCTION AND VALUE OF OUTPUT OF FACTORIES.

Year.	Cost of Production.					Total value of Output.
	Materials. (including containers).	Fuel, Light, and Power.	Salaries and Wages.	Tools Replaced, Repairs to Plant, Oil and Water Used.	All other Expenditure, Interest, and Profit.	
	£	£	£	£	£	£
1931-32 ..	51,727,685	2,443,539	21,258,599	1,397,765	16,561,029	93,388,617
1932-33 ..	56,757,681	2,633,659	23,096,512	1,612,987	17,984,590	102,085,429
1933-34 ..	59,776,270	2,765,971	24,819,143	1,752,424	19,382,502	108,496,310
1934-35 ..	63,387,061	3,011,127	27,318,815	2,022,078	21,443,776	117,182,857
1935-36 ..	74,568,265	3,145,097	30,593,707	2,286,118	23,449,983	134,043,170
1936-37 ..	78,233,032	3,302,178	33,192,904	2,444,701	25,519,377	142,692,192
1937-38 ..	85,926,478	3,627,106	37,228,543	2,607,751	27,660,847	157,050,725
1938-39 ..	80,721,680	3,595,128	38,305,885	2,654,734	27,690,184	152,967,611
1939-40 ..	93,390,751	3,920,967	41,920,726	2,962,196	32,109,761	174,304,401
1940-41 ..	112,024,332	4,622,042	52,294,673	3,701,760	36,706,038	209,348,845

These figures are reduced in the succeeding statement to their respective percentages of the total output.

**VICTORIA—PROPORTION OF OUTLAY TO OUTPUT OF  
FACTORIES.**

Year.	Proportion of Outlay to Output.					Total.
	Materials.	Fuel, Light, and Power.	Salaries and Wages.	Tools Replaced, Repairs to Plant, Oil and Water Used.	Other Expenditure Interest, and Profit.	
	%	%	%	%	%	%
1931-32 ..	55·4	2·6	22·8	1·5	17·7	100·0
1932-33 ..	55·7	2·6	22·5	1·6	17·6	100·0
1933-34 ..	55·1	2·5	22·9	1·6	17·9	100·0
1934-35 ..	54·1	2·6	23·3	1·7	18·3	100·0
1935-36 ..	55·6	2·4	22·8	1·7	17·5	100·0
1936-37 ..	54·8	2·3	23·3	1·7	17·9	100·0
1937-38 ..	54·5	2·3	23·6	1·7	17·9	100·0
1938-39 ..	52·8	2·3	25·1	1·7	18·1	100·0
1939-40 ..	53·6	2·2	24·1	1·7	18·4	100·0
1940-41 ..	53·5	2·2	25·0	1·8	17·5	100·0

The ratio of cost of materials to the value of the output of factories was 54 per cent. on the average of the last five years, as against 55 per cent. in the period 1931-32 to 1935-36. The ratio of salaries and wages to output averaged 24 per cent. over the last five years as against 23 per cent. over the period 1931-32 to 1935-36. The proportionate outlay on fuel, light, and power was 2·5 per cent. in the earlier and 2·3 per cent. in the later period. After allocating the proportion for repairs to plant and buildings, replacement of tools, and costs of lubricating oil and water, the balance available for miscellaneous expenses, rent, interest, and manufacturers' profit was £17 17s. 11d. in every £100 of the total output value in the period 1936-37 to 1940-41, as compared with £17 16s. 0d. in the preceding five-year period.

In 1940-41, wages and salaries (including working proprietors' drawings) took 59 per cent. of the value added in manufacturing (see page 456), leaving 41 per cent. for the payment of miscellaneous expenses, rent, interest, and profits.

In the following statement the amount of capital invested in machinery, plant, land and buildings used in connexion with the various classes of manufacturing industries is shown for the year 1940-41.

**Capital  
invested in  
manufacturing  
plant and  
premises.**

**VICTORIA—MACHINERY AND PLANT, LAND AND  
BUILDINGS USED IN MANUFACTURING INDUSTRIES,  
1940-41.**

Class of Industry.	Value of Land and Buildings.	Value of Machinery and Plant.
1. Treatment of non-metalliferous mine and quarry products .. .. .	£ 777,682	£ 1,560,986
2. Bricks, pottery, glass, &c. .. .. .	801,255	844,180
3. Chemicals, dyes, explosives, paint, oils, and grease .. .. .	4,091,933	4,176,087
4. Industrial metals, machines, implements, and conveyances .. .. .	11,465,296	8,651,067
5. Precious metals, jewellery, and plate .. .. .	365,393	129,251
6. Textiles and textile goods (not dress) .. .. .	3,702,622	4,089,391
7. Skins and leather (not clothing or footwear) .. .. .	990,907	386,811
8. Clothing .. .. .	4,675,908	1,253,415
9. Food, drink, and tobacco .. .. .	10,441,101	7,374,848
10. Woodworking and basketware .. .. .	1,117,488	1,008,325
11. Furniture, bedding, &c. .. .. .	979,536	214,582
12. Paper, stationery, printing, bookbinding, &c. .. .. .	3,894,162	3,702,573
13. Rubber .. .. .	674,775	875,064
14. Musical instruments .. .. .	57,019	6,250
15. Miscellaneous products .. .. .	563,087	321,747
16. Heat, light, and power .. .. .	2,466,406	10,391,179
Total .. .. .	47,064,570	44,985,756

The capital invested in plant, buildings, &c., used in connexion with three classes of industry—food and drink, industrial metals, &c., and heat, light, and power—amounted, in the year under review, to £50,789,897, or more than one-half of the total for all manufacturing industries.

The values of machinery and plant and of land and buildings used in connexion with manufacturing industries are shown in the next table for the years 1931-32 to 1940-41. The value recorded is the depreciated value or the book value less any existing depreciation reserve.

**VICTORIA—MACHINERY AND PLANT, LAND AND  
BUILDINGS USED IN MANUFACTURING INDUSTRIES.**

Year.	Value of Land and Buildings.	Value of Machinery and Plant.
	£	£
1931-32 .. .. .	34,868,960	33,481,615
1932-33 .. .. .	34,804,987	33,022,441
1933-34 .. .. .	35,563,879	33,270,400
1934-35 .. .. .	36,644,621	33,947,056
1935-36 .. .. .	37,678,298	34,194,608
1936-37 .. .. .	38,948,268	36,213,626
1937-38 .. .. .	40,339,541	36,868,289
1938-39 .. .. .	42,026,245	38,570,380
1939-40 .. .. .	43,791,176	40,849,523
1940-41 .. .. .	47,064,570	44,985,756

It will be seen from these figures that the values of machinery, plant, land and buildings increased by 35 per cent. between 1931-32 and 1940-41.

In the appended table the number of accidents in factories is given for the past ten years. The particulars in the table relate to establishments which came within the scope of the Factories Acts in force in the years specified, and not to those classified for statistical purposes in the preceding tables.

VICTORIA—ACCIDENTS IN FACTORIES.

Year.	Number of Employees.	Number of Accidents.	Percentage of Accidents to Number of Employees.
1931 .. ..	110,692	677	·611
1932 .. ..	125,670	809	·644
1933 .. ..	134,842	956	·709
1934 .. ..	148,155	1,162	·784
1935 .. ..	159,912	1,290	·807
1936 .. ..	170,084	1,513	·889
1937 .. ..	179,650	2,432	1·353
1938 .. ..	184,509	2,374	1·286
1939 .. ..	187,690	2,505	1·334
1940 .. ..	196,263	3,534	1·801

**Manufactures—** The foregoing tables do not include particulars relating to work of various kinds done at the Pentridge Penal Department and Blind Institute. At the former establishment the manufacture of wire netting, clothing, brushware, boots, mats, blankets, flannel, underclothing, and printing are carried on. The estimated value of the output for 1940-41 was £43,577, and, of the materials used, £27,882. The articles produced are used principally by Government Departments. The work carried on by the latter establishment is the manufacture of brushware, brooms, basket-ware, mats and matting, and gives employment to 162 persons (147 males and 15 females). The value of the work turned out for the period under review was, £58,716.

**Factory Statistics by Municipalities.** Although approximately 70 per cent. of the factories in Victoria are located within the Metropolitan area, some of the municipalities outside Greater Melbourne also have important manufacturing industries.

The following table gives factory statistics for the metropolitan and the more important extra-metropolitan municipalities for the year 1940-41.

VICTORIA—FACTORY STATISTICS BY MUNICIPALITIES, 1940-41.

Municipality.	Number of Factories.	PERSONS EMPLOYED.		Salaries and Wages Paid.	Value of Land and Buildings.	Value of Plant and Machinery.	Value of Materials Used (including containers).	Value of Articles Produced or Work Done.
		Males.	Females.					
				£	£	£	£	£
Melbourne .. ..	2,324	29,295	23,249	10,895,701	11,871,495	6,926,038	22,322,203	42,420,141
Brunswick .. ..	355	6,572	5,413	2,246,576	1,493,813	1,177,537	4,160,167	8,302,542
Essendon .. ..	127	903	282	247,593	214,470	107,041	529,981	915,733
Coburg .. .. .	90	1,824	1,771	673,258	387,262	273,917	1,498,974	2,841,104
Preston .. .. .	81	1,627	379	471,863	556,152	236,601	1,013,978	1,758,374
Northcote .. ..	119	1,324	419	381,228	312,259	203,070	604,443	1,299,909
Fitzroy .. .. .	327	5,652	4,137	1,962,793	1,534,552	966,048	3,663,926	6,998,001
Collingwood ..	394	10,715	8,445	3,769,102	2,664,338	2,170,952	7,834,604	14,199,490
Kew .. .. .	39	103	101	36,312	58,243	18,451	105,789	176,356
Camberwell ..	114	555	484	190,511	188,413	94,034	319,827	642,460
Hawthorn .. ..	170	1,285	812	386,137	415,651	200,744	603,808	1,273,335
Richmond .. ..	343	10,929	5,985	3,570,138	2,827,306	2,075,919	7,331,485	13,979,918
Prahran .. .. .	326	3,175	2,750	1,148,134	1,018,332	453,054	3,692,085	6,162,570
Malvern .. .. .	140	648	267	173,227	219,270	56,589	232,037	468,084
Caulfield .. ..	142	626	230	163,642	195,946	67,801	276,124	568,555
Oakleigh .. ..	34	570	22	137,567	122,849	150,714	223,813	528,529
Sandringham ..	42	220	225	83,586	100,066	24,612	147,184	275,000
Brighton .. ..	99	575	383	180,738	215,294	170,496	337,591	716,043
St. Kilda .. ..	140	922	500	303,358	250,470	95,762	440,264	992,542
South Melbourne	449	13,677	4,544	4,240,508	3,350,823	2,127,999	8,946,655	17,174,416
Port Melbourne	91	6,648	869	2,066,645	1,189,369	895,129	3,271,070	6,560,095
Footscray .. ..	231	15,193	4,317	4,761,899	3,147,107	4,521,743	11,261,448	20,011,945
Williamstown ..	82	8,433	390	2,295,134	2,163,743	3,190,798	2,402,969	6,205,499
Braybrook .. ..	62	11,290	2,112	3,803,880	2,919,268	3,189,031	4,010,624	9,505,801
Heidelberg ..	51	876	230	255,276	284,393	333,856	976,323	1,635,837
Box Hill .. ..	43	405	77	105,495	94,394	127,902	181,957	366,955
Moorabbin .. ..	36	298	163	86,774	93,598	157,852	176,503	290,441
Mordialloc .. ..	22	82	26	22,542	24,182	34,562	33,741	72,007
Chelsea .. .. .	12	95	22	24,371	25,201	7,196	45,154	84,199
Total Metropolitan ..	6,485	134,517	68,604	44,683,988	37,938,259	30,055,448	86,644,727	166,426,181

VICTORIA—FACTORY STATISTICS BY MUNICIPALITIES, 1940-41—continued.

Production.

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Municipality.	Number of Factories.	PERSONS EMPLOYED.		Salaries and Wages Paid.	Value of Land and Buildings.	Value of Plant and Machinery.	Value of Materials Used (including containers)	Value of Articles Produced or Work Done.
		Males.	Females.					
Werribee .. .. .	24	152	1	£ 40,223	£ 119,835	£ 127,349	£ 805,933	£ 1,120,262
Blackburn and Mitcham .. .	34	553	83	133,804	103,579	92,530	70,613	324,939
Dandenong .. .. .	38	927	150	277,329	154,952	176,988	712,192	1,219,921
*Geelong .. .. .	239	6,094	2,214	1,773,405	2,293,893	2,450,014	3,557,729	7,441,742
Korumburra .. .. .	23	127	13	31,600	48,779	42,205	542,798	607,885
Castlemaine .. .. .	25	720	216	227,728	70,186	174,830	281,334	661,009
Maryborough .. .. .	31	399	314	133,971	40,912	67,435	364,891	583,508
†Ballarat (including Sebastopol)	208	2,610	1,408	782,758	697,679	627,539	1,452,870	2,910,447
†Colac .. .. .	56	440	47	110,236	135,168	99,085	820,720	1,065,081
Hampden .. .. .	35	321	34	89,194	90,531	98,248	818,506	1,088,275
†Warrnambool .. .. .	58	989	376	296,666	464,710	480,333	1,589,703	2,196,518
Hamilton .. .. .	38	219	30	51,599	49,097	60,864	222,837	327,011
Horsham .. .. .	40	183	17	44,794	104,818	72,327	256,599	331,050
†Stawell .. .. .	33	292	130	78,645	46,666	87,249	232,504	409,868
Warracknabeal .. .. .	26	97	3	21,841	34,181	39,557	160,518	192,213
†Mildura .. .. .	86	776	174	190,329	235,290	294,407	253,893	592,195
†Swan Hill .. .. .	49	240	34	56,679	78,865	91,755	170,315	286,707
Bendigo (including Eaglehawk)	147	890	537	250,462	230,827	193,848	707,611	1,163,144
Echuca .. .. .	31	167	10	40,131	41,974	29,641	217,883	296,626
Rodney .. .. .	33	260	168	112,756	151,331	128,541	729,272	1,019,489
†Shepparton .. .. .	42	361	164	126,976	224,189	98,072	194,659	530,418
†Wangaratta .. .. .	41	291	133	81,708	77,716	71,395	393,829	545,382
Bairnsdale .. .. .	32	157	12	36,953	36,063	34,678	158,846	217,279
Morwell .. .. .	23	1,603	55	490,245	1,401,488	5,981,337	757,142	3,759,856
Narracan .. .. .	36	384	23	97,337	45,010	107,477	393,191	551,693
Other Municipalities .. .. .	1,208	8,111	806	2,033,316	2,148,572	3,202,604	9,513,217	13,480,146
Total Country .. .. .	2,636	27,363	7,152	7,610,685	9,126,311	14,930,308	25,379,605	42,922,664
Total State .. .. .	9,121	161,880	75,756	52,294,673	47,064,570	44,985,756	112,024,332	209,348,845

\* Includes Corio, Geelong West, and Newtown and Chlwell.

† Includes Shire of same name.

### VALUE OF VICTORIAN PRODUCTION.

The value of production as estimated hereunder is based to a large extent on returns received annually from individual producers throughout the State. As a measure of total production it is incomplete, as it does not include the building and construction industry, it omits small manufacturers with factories employing less than four hands (unless power-driven machinery is used) and excludes agriculturists with holdings of less than 1 acre.

Gross value is defined as the value placed on recorded production at the wholesale price realized in the principal markets. In cases where primary products are absorbed locally, or where they become raw material for secondary industry, these points are presumed to be the principal markets. Care is taken to prevent as far as possible all overlapping or double counting. The primary value of dairy production, in accordance with the above definition, is the price paid at the factory for milk or cream sold by the farmer; the value added by the process of manufacture into butter, &c., is included in manufacturing production.

### VICTORIA—GROSS VALUE OF PRODUCTION.

Division of Industry.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	£	£	£	£	£
Agriculture .. ..	24,038,124	24,106,207	14,378,841	21,327,593	13,972,777
Pastoral .. ..	21,948,704	21,147,151	17,936,267	18,947,004	21,199,275
Dairying .. ..	13,018,154	12,989,517	12,682,076	14,854,336	15,529,932
Poultry and Bees ..	4,128,136	4,866,129	4,854,076	4,694,596	4,729,242
Trapping .. ..	953,046	922,930	615,217	963,622	1,621,071
Forestry .. ..	1,121,312	1,231,322	1,241,143	1,474,486	1,807,508
Fisheries .. ..	214,212	220,682	229,906	252,687	302,129
Mining .. ..	2,448,262	2,558,850	2,624,276	2,949,748	3,347,042
Manufacturing* ..	58,712,281	64,889,390	65,996,069	74,030,487	89,000,711
<b>Total .. ..</b>	<b>126,582,231</b>	<b>132,932,208</b>	<b>120,557,871</b>	<b>139,494,559</b>	<b>151,509,687</b>

\* Manufacturing is included at its net or added value because the gross or wholesale selling value contains so much duplication of products, the finished article of one class of manufacture forming in numerous cases the raw material for others.

The ultimate aim of the valuation of production is to arrive at the sum available for distribution among those concerned in each class of industry, i.e.—

- (a) Workers in all grades of the industry.
- (b) Proprietors (including landlords) of any of the instruments of production concerned.
- (c) Providers of capital, including debenture holders and mortgagees.

It is, therefore, necessary to deduct from the gross values of realization all costs of marketing and production, the former including freight, cartage, brokerage, commission, insurance, and containers, and the latter such items as stock feed, seed costs, manures, spraying, animal dips, fuel, power, water, all other materials consumed in the process of production, and depreciation. Complete details of these costs are not yet available for the forestry and fishing industries in Victoria, but the following table gives the value of production in detail after deduction of marketing costs, and may be considered to represent with a fair degree of accuracy the value of Victorian production at the place of production.

## VICTORIA—VALUE AT THE PLACE OF PRODUCTION.

Industry and Produce.	Value in—				
	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	£	£	£	£	£
<b>Agricultural</b> .. ..	<b>20,820,804</b>	<b>20,276,774</b>	<b>12,026,067</b>	<b>17,216,550</b>	<b>11,448,441</b>
Barley .. ..	393,249	421,823	224,145	469,638	191,211
Maize .. ..	189,679	165,572	91,506	93,520	117,543
Oats .. ..	672,456	743,829	432,100	608,133	366,028
Wheat .. ..	10,161,533	7,859,971	2,241,991*	6,594,195	2,355,901
Onions .. ..	223,446	118,524	174,269	141,795	294,632
Potatoes .. ..	489,632	638,268	846,649	725,962	574,383
Hay and Straw .. ..	3,749,928	5,043,540	3,405,579	3,384,539	2,099,147
Fruit—					
Orchards .. ..	1,285,249	1,387,257	1,360,070	1,291,115	1,440,516
Vineyards .. ..	1,670,006	1,916,952	1,474,893	1,823,068	1,835,497
Other Crops .. ..	1,985,626	1,981,038	1,774,865	2,084,585	2,173,583
<b>Pastoral</b> .. ..	<b>20,306,535</b>	<b>19,543,633</b>	<b>16,336,826</b>	<b>17,450,772</b>	<b>19,633,423</b>
Wool .. ..	10,618,871	8,922,596	6,677,765	9,800,303	10,380,356
Sheep, slaughtered .. ..	5,451,803	5,442,794	5,172,214	3,787,796	4,651,208
Cattle, slaughtered .. ..	4,235,861	5,169,535	4,442,251	3,862,673	4,601,859
Horses .. ..	..	8,708	44,596	..	..
<b>Dairying</b> .. ..	<b>12,414,923</b>	<b>12,435,403</b>	<b>12,196,174</b>	<b>14,272,171</b>	<b>14,846,606</b>
Cream for butter .. ..	6,882,750	7,340,263	6,831,850	9,017,044	8,565,185
Milk for cheese .. ..	319,157	461,248	549,147	680,560	517,234
Milk for condensing, con- centrating, &c. .. ..	682,889	941,233	823,611	865,943	714,583
Whole milk consumed .. ..	2,130,446	2,205,338	2,662,557	2,361,362	2,868,433
Pigs .. ..	2,399,681	1,487,321	1,329,009	1,347,562	2,181,171
<b>Poultry and Bees</b> .. ..	<b>3,811,674</b>	<b>4,429,093</b>	<b>4,486,447</b>	<b>4,333,648</b>	<b>4,361,050</b>
Eggs .. ..	3,037,782	3,654,860	3,631,000	3,435,100	3,454,154
Poultry .. ..	723,532	714,303	831,999	835,710	814,886
Honey and Beeswax .. ..	45,360	59,930	23,448	62,838	92,010
<b>Trapping, etc.</b> .. ..	<b>882,461</b>	<b>849,415</b>	<b>543,682</b>	<b>870,865</b>	<b>1,539,760</b>
Rabbits and hares .. ..	140,710	214,094	227,999	225,983	201,594
Rabbit and hare skins, &c. .. ..	741,751	635,321	315,683	644,882	1,338,166
<b>Forestry</b> .. ..	<b>903,107</b>	<b>1,029,174</b>	<b>1,067,732</b>	<b>1,268,597</b>	<b>1,592,324</b>
Forest sawmills .. ..	343,625	426,881	414,978	557,775	751,822
Firewood .. ..	489,996	533,282	583,584	637,000	756,000
Bark for tanning .. ..	69,486	69,011	69,170	73,822	84,502
<b>Fisheries</b> .. ..	<b>161,999</b>	<b>168,095</b>	<b>176,919</b>	<b>199,632</b>	<b>244,444</b>
Fish .. ..	153,349	159,251	170,746	193,522	237,983
Crayfish .. ..	8,647	8,834	6,114	5,764	6,250
Oysters .. ..	3	10	59	346	211
<b>Total all Industries</b> .. ..	<b>59,301,503</b>	<b>58,731,587</b>	<b>46,833,847</b>	<b>55,612,235</b>	<b>53,666,048</b>

\* Inclusive of wheat bounties.

VALUE AT THE PLACE OF PRODUCTION—*continued.*

Produce.	Value in—				
	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	£	£	£	£	£
<b>Mining.</b>					
Gold .. .. .	1,013,770	1,260,432	1,267,341	1,527,377	1,916,873
Coal—					
Black .. .. .	253,835	171,369	188,101	234,059	204,559
Brown .. .. .	323,914	325,950	351,721	385,952	431,904
Other Metals and Minerals .. .. .	93,410	153,517	156,982	174,761	161,679
Quarrying .. .. .	462,359	403,838	414,311	466,834	469,349
<b>Total .. .. .</b>	<b>2,147,288</b>	<b>2,315,106</b>	<b>2,378,456</b>	<b>2,788,983</b>	<b>3,184,364</b>
<b>Total Primary .. .. .</b>	<b>61,502,791</b>	<b>61,046,693</b>	<b>49,212,303</b>	<b>58,401,218</b>	<b>56,850,412</b>
<b>Manufacturing .. .. .</b>	<b>58,712,281</b>	<b>64,889,390</b>	<b>65,996,069</b>	<b>74,030,487</b>	<b>89,000,711</b>
<b>Grand Total .. .. .</b>	<b>120,215,072</b>	<b>125,936,083</b>	<b>115,208,372</b>	<b>132,431,705</b>	<b>145,851,123</b>

The values of production of the various classes of industry, as they appear in the previous table for the year 1940-41, are shown hereunder, together with the costs of production where available. The difference between the two figures represents the net value of production or the net return available to the producers for wages, rent, interest and profits. As previously explained, the deductions are incomplete, and depreciation (see below) has been here disregarded, but the margin of error is considered to be small in view of the comparative unimportance of the industries concerned from the point of view of production costs.

## VICTORIA—COSTS OF PRODUCTION, 1940-41.

Industry.	Value at Place of Production.	Cost of Production.†	Net Value.	Net Value per Head of Population.
	£	£	£	£
Agriculture .. .. .	11,448,441	4,351,232	7,097,209	3 14 0
Pastoral .. .. .	19,633,423	1,004,329	18,629,094	9 14 2
Dairying .. .. .	14,846,606	1,766,254	13,080,352	6 16 4
Poultry and Bees .. .. .	4,361,050	1,985,077	2,375,973	1 4 9
Miscellaneous .. .. .	3,376,528	236,922*	3,139,606	1 12 9
Mining .. .. .	3,184,364	674,569	2,509,795	1 6 2
Manufacturing .. .. .	89,000,711	..	89,000,711	46 7 8
<b>Total .. .. .</b>	<b>145,851,123</b>	<b>10,018,383</b>	<b>135,832,740</b>	<b>70 15 10</b>

\* Incomplete.

† Costs of production include stockfeed, seed costs and pickling, manures, spraying, sheep and cattle dips, power, fuel, water, and all other materials used in production.

**Depreciation.** While depreciation of assets used must be considered as a legitimate charge against the value of production, the problem of exact measurement presents much difficulty. Depreciation may generally be considered as proportionate to the life of the asset, but this cannot always be accurately measured, particularly with machinery, where obsolescence might be suddenly accentuated by new invention. Care and expertness in handling and proper repairing must influence the effective life of machinery, while managerial policy and methods of determining depreciation affect annual amounts actually written off.

In these circumstances there is no certainty that depreciation will vary in direct proportion to annual production as in the case of other production costs, but it is considered that some attempt at measurement of the annual amount chargeable against production should be made.

The table hereunder shows details of the fixed capital invested in certain of Victorian industries and the estimated depreciation thereon for the year 1940-41:—

**VICTORIAN INDUSTRY—DEPRECIATION OF ASSETS, 1940-41.**

Industry.	Capital Value.	Depreciation.	Per Cent.
	£	£	
Agriculture—Machinery and implements ..	8,750,000	875,000	10
Pastoral machinery and implements ..	860,000	43,000	5
Dairying machinery .. .. .	480,000	24,000	5
Agriculture, dairying and pastoral—buildings and fences .. .. .	41,000,000	1,640,000	4
Manufacturing—Land, buildings, plant and machinery .. .. .	84,640,699	3,804,811	4·5

The estimated percentages of depreciation on agricultural, pastoral, and dairying machinery and on the value of buildings and fences in those industries have been arbitrarily fixed by Australian Statisticians in the interests of uniformity. The amount of depreciation on factory buildings, &c., is the total written off as shown by the returns rendered by manufacturers.

**Employment in factories.** Every factory in Victoria submits an annual statement showing the number of persons employed on the 15th day of each month, and from these data an index of employment is constructed.

Supplementary to this annual collection, monthly returns were obtained from 175 representative factories and all Government factories. These returns were used for the purpose of estimating the current movement in the employment index until the annual returns covering the whole field came to hand. After December, 1941, the collection of returns from the sample 175 factories was discontinued because of the institution of the Pay-Roll tax. Returns collected as a result of this tax cover approximately 90 per cent. of factory employment.

The following table shows the monthly index calculated from the figures above-mentioned; the index from July, 1941, is obtained from the samples and the Pay-roll tax returns.

#### INDEX OF FACTORY EMPLOYMENT.

(Base—July, 1933, 136,793 = 1,000.)

Month.	1935-36.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.	1941-42.
July ..	1,202	1,272	1,352	1,393	1,406	1,554	1,786
August ..	1,220	1,289	1,367	1,396	1,420	1,572	1,791
September ..	1,254	1,312	1,387	1,409	1,435	1,606	1,808
October ..	1,282	1,342	1,414	1,430	1,477	1,634	1,823
November ..	1,303	1,350	1,426	1,437	1,503	1,666	1,841
December ..	1,295	1,337	1,425	1,425	1,504	1,704	1,802
January ..	1,261	1,291	1,378	1,372	1,499	1,689	1,808
February ..	1,313	1,371	1,447	1,428	1,527	1,727	1,819
March ..	1,343	1,383	1,472	1,446	1,546	1,750	1,824
April ..	1,311	1,393	1,458	1,433	1,556	1,729	1,805
May ..	1,310	1,368	1,436	1,428	1,539	1,755	1,799
June ..	1,286	1,349	1,416	1,406	1,522	1,767	1,799

**Employment  
in Retail  
Trade.**

The volume of employment in retail trade is a valuable indicator of economic conditions. Monthly returns showing the number of employees on the payrolls of 102 large retail stores in Victoria were collected by the Government Statist from July, 1933, to December, 1941. The collection of these returns was then discontinued because of the institution of the Pay-roll tax. Figures collected because of this tax cover all retail establishments except those whose payroll was less than £20 per week.

The following table shows a monthly index calculated from both these sources and representing the field at present covered by retail establishments making Pay-roll tax returns. This field covers approximately 80 per cent. of the total retail employment, and the table appears to reflect the general trend. The fluctuations over the period 1933 to 1941 are regular and periodic, and the trend, until the outbreak of war in September, 1939, approximated very closely to that shown by the factory employment index.

**INDEX OF RETAIL EMPLOYMENT.**  
(Base—July, 1933, 17,267 = 1,000.)

Month.	1935-36.	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.	1941-42.
July ..	1,202	1,301	1,366	1,381	1,378	1,414	1,499
August ..	1,197	1,282	1,327	1,367	1,367	1,396	1,448
September ..	1,231	1,286	1,344	1,368	1,362	1,416	1,458
October ..	1,281	1,332	1,400	1,415	1,404	1,426	1,510
November ..	1,309	1,384	1,428	1,456	1,461	1,473	1,566
December ..	1,445	1,548	1,606	1,643	1,646	1,732	1,676
January ..	1,287	1,377	1,436	1,414	1,439	1,492	1,497
February ..	1,302	1,368	1,386	1,410	1,393	1,441	1,483
March ..	1,290	1,350	1,395	1,382	1,397	1,439	1,477
April ..	1,286	1,355	1,399	1,390	1,438	1,454	1,456
May ..	1,322	1,373	1,406	1,401	1,452	1,463	1,409
June ..	1,327	1,404	1,420	1,418	1,485	1,508	1,375

Statistics furnished by manufacturers include information relating to the number of employees on factory pay-rolls on the pay day nearest the 15th day of each month, including managers, clerks, engine-drivers, operatives, carters, and

## VICTORIA—MONTHLY EMPLOYMENT

Industry.	Average Number			
	July.	August.	Septem-ber.	October.
Aerated waters .. .. .	515	554	600	670
Agricultural implements .. .. .	3,896	3,854	3,857	3,901
Art metal .. .. .	163	157	155	155
Artificial flowers .. .. .	234	223	227	240
Bacon curing .. .. .	531	527	539	556
Bags and sacks .. .. .	*	*	*	*
Bags, trunks, &c. .. .. .	977	994	1,011	1,021
Bakeries .. .. .	2,895	2,912	2,913	2,880
Basketware .. .. .	147	150	154	162
Bedding and mattress .. .. .	742	742	752	742
Biscuits .. .. .	1,105	1,141	1,164	1,173
Boiling down, tallow, &c. .. .. .	304	303	341	341
Boot accessories .. .. .	265	258	279	274
Boot repairing .. .. .	242	244	243	246
Boots and shoes .. .. .	9,274	9,669	9,829	10,068
Boxes and cases .. .. .	991	1,082	1,094	1,130
Brass and copper .. .. .	*	*	*	*
Breweries .. .. .	1,653	1,664	1,710	1,751
Bricks, tiles, firebricks .. .. .	2,201	2,202	2,225	2,227
Brooms and brushware .. .. .	468	467	468	466
Butter and cheese .. .. .	2,987	3,146	3,482	3,677
Buttons .. .. .	213	241	268	262
Cabinet, furniture .. .. .	2,830	2,909	2,957	2,947
Celluloid and similar compositions .. .. .	698	706	736	750
Cement and cement goods .. .. .	1,344	1,398	1,384	1,395
Cereal foods .. .. .	961	1,010	1,000	1,004
Chaffcutting .. .. .	372	367	371	361
Chemical fertilizers .. .. .	857	837	830	814
Chemicals, drugs .. .. .	2,055	2,090	2,107	2,151
Condiments, coffee .. .. .	1,124	1,126	1,184	1,216
Confectionery .. .. .	2,721	2,637	2,728	2,674
Cooperage .. .. .	290	292	306	306
Corsets, stays .. .. .	1,152	1,138	1,119	1,101
Cotton .. .. .	2,392	2,413	2,491	2,481
Cutlery and small tools .. .. .	704	732	739	735
Cycle and motor accessories .. .. .	1,511	1,497	1,495	1,494
Die sinking and engraving .. .. .	188	202	195	219
Distilleries .. .. .	86	80	80	77
Dressmaking .. .. .	7,637	7,967	8,244	8,331
Dried fruit .. .. .	736	612	439	425
Dyeworks and cleaning .. .. .	1,334	1,338	1,439	1,538
Earthenware, china, &c. .. .. .	1,168	1,179	1,208	1,203
Electric light—Government .. .. .	1,020	1,024	1,032	1,061
"    Local authority .. .. .	268	272	266	266
"    Companies .. .. .	73	73	74	73
Electrical apparatus .. .. .	3,631	3,617	3,640	3,757
Electrotyping and stereotyping .. .. .	72	72	72	72

\* Figures not available for publication.

messengers and all others engaged in work connected with manufacturing.

This information has been tabulated, and the monthly totals for each industry are set out in the following table:—

### IN FACTORIES, 1940-41.

of Employees in—

November.	December.	January.	February.	March.	April.	May.	June.
731	857	787	774	722	581	552	515
4,075	4,195	4,186	4,206	4,265	4,265	4,253	4,262
152	159	169	161	160	160	155	148
243	238	231	252	251	247	263	296
556	564	550	532	550	547	564	548
*	*	*	*	*	*	*	*
1,040	1,055	1,035	1,055	1,055	1,026	1,038	1,025
2,919	2,951	2,897	2,880	2,897	2,910	2,911	2,938
153	157	172	175	167	167	172	163
761	789	782	781	773	782	791	788
1,165	1,215	1,157	1,166	1,169	1,211	1,288	1,363
362	362	346	323	319	312	312	319
274	280	323	321	323	310	328	319
249	255	253	252	253	254	251	253
10,147	9,953	9,525	9,758	9,789	9,741	10,155	10,315
1,153	1,238	1,237	1,263	1,292	1,252	1,264	1,294
*	*	*	*	*	*	*	*
1,772	1,794	1,791	1,807	1,811	1,825	1,858	1,854
2,224	2,275	2,272	2,277	2,244	2,216	2,266	2,287
470	478	472	468	489	490	493	496
3,801	3,796	3,624	3,448	3,345	3,303	3,367	3,384
284	303	302	282	288	307	302	301
2,944	3,034	3,005	3,068	3,109	3,094	3,093	3,074
784	828	876	877	928	906	967	972
1,355	1,395	1,401	1,312	1,317	1,352	1,407	1,386
988	986	991	1,019	1,024	1,049	1,069	1,054
360	339	385	385	362	347	367	369
794	809	872	1,106	1,208	1,123	999	971
2,187	2,234	2,202	2,205	2,249	2,278	2,161	2,297
1,242	1,233	1,110	1,096	1,075	1,220	1,225	1,225
2,597	2,555	2,409	2,498	2,627	2,744	2,859	2,878
317	314	313	315	309	304	298	298
1,093	1,073	1,078	1,097	1,095	1,128	1,135	1,136
2,457	2,637	2,632	2,706	2,742	2,766	2,814	2,863
766	771	767	779	819	836	894	926
1,537	1,623	1,660	1,739	1,755	1,839	1,955	2,012
195	189	195	212	237	241	255	249
94	87	77	76	93	103	139	127
8,372	8,247	7,818	8,273	8,328	8,202	8,183	7,970
440	477	509	525	1,315	1,322	664	754
1,574	1,612	1,611	1,634	1,652	1,644	1,601	1,567
1,219	1,254	1,250	1,251	1,226	1,223	1,270	1,279
1,046	1,045	1,089	1,088	1,095	1,098	1,104	1,124
256	260	265	275	291	301	266	256
73	72	73	73	73	74	74	74
3,720	3,817	4,029	4,048	4,096	4,080	4,152	4,249
69	69	67	68	65	66	66	65

\* Figures not available for publication.

## VICTORIA—MONTHLY EMPLOYMENT IN

Industry.	Average Number			
	July.	August.	Septem-ber.	October.
Engineering (not marine or electrical) ..	11,491	11,608	11,820	12,015
Explosives .. .. .	*	*	*	*
Extracting and refining—other metals ..	*	*	*	*
Fellmongery .. .. .	455	490	578	633
Furnishing, drapery .. .. .	568	557	546	547
Furriers .. .. .	663	646	632	605
Galvanized iron working .. .. .	*	*	*	*
Gas fittings and meters .. .. .	214	211	212	209
Gasworks—Local authorities .. .. .	68	65	67	67
"  Companies .. .. .	812	808	801	817
Glass (including bottles) .. .. .	1,082	1,110	1,120	1,147
Gold, silver, and electroplating .. .. .	1,293	1,300	1,298	1,295
Grain milling .. .. .	1,093	1,049	1,089	1,150
Handkerchiefs, ties, &c. .. .. .	365	307	331	320
Hats and caps .. .. .	1,497	1,510	1,495	1,507
Horse-drawn vehicles .. .. .	241	242	242	241
Hosiery and knitting .. .. .	13,247	13,172	13,177	13,161
Ice, refrigerating .. .. .	1,952	2,079	2,916	3,303
Ice cream .. .. .	137	173	244	347
Inks, polishes, &c. .. .. .	403	404	398	399
Jams and fruit preserving .. .. .	2,130	2,073	2,063	2,236
Jewellery .. .. .	559	554	575	569
Joinery .. .. .	1,740	1,750	1,753	1,727
Lime, plaster, and asphalt .. .. .	861	893	883	864
Machine belting .. .. .	95	97	92	81
Malting .. .. .	374	378	382	382
Margarine .. .. .	130	134	141	134
Marble, slate, &c. .. .. .	334	329	330	318
Matches .. .. .	752	761	773	776
Meat and fish preserving .. .. .	545	562	575	654
Millinery .. .. .	1,158	1,187	1,171	1,156
Modelling .. .. .	20	20	19	20
Motor body building .. .. .	2,173	2,048	2,159	2,370
Motor construction and assembly .. .. .	1,390	1,342	1,577	1,793
Motor repairs .. .. .	4,081	3,904	3,898	3,849
Musical instruments .. .. .	136	132	135	133
Newspapers .. .. .	2,204	2,165	2,156	2,129
Oils, mineral .. .. .	*	*	*	*
Oils, vegetable .. .. .	222	227	228	223
Paper, paper bags, and boxes .. .. .	3,223	3,306	3,480	3,534
Perambulators .. .. .	116	119	127	130
Photo engraving .. .. .	338	326	321	319
Pickles and sauces .. .. .	341	319	322	324
Picture frames .. .. .	45	43	48	50
Printing and bookbinding .. .. .	6,247	6,221	6,244	6,222
Rope and cordage .. .. .	*	*	*	*
Rubber tyres, &c. .. .. .	2,665	2,595	2,578	2,537
Rubber goods (other) .. .. .	647	633	625	623
Saddlery, harness .. .. .	81	81	86	94
Salt refining .. .. .	110	139	154	126
Sausage skins .. .. .	289	275	320	343
Sawmills—forest .. .. .	1,819	1,883	1,904	1,909

\* Figures not available for publication.

FACTORIES, 1940-41—*continued.*

of Employees in—

November.	December.	January.	February.	March.	April.	May.	June.
12,303	12,697	12,899	13,437	13,781	13,571	14,478	14,868
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
721	739	727	722	716	682	629	636
558	574	569	573	565	562	576	574
585	593	588	580	565	548	518	489
*	*	*	*	*	*	*	*
213	220	221	221	221	219	214	215
70	71	70	68	70	71	73	75
819	831	823	823	825	825	852	838
1,156	1,242	1,259	1,228	1,236	1,172	1,175	1,202
1,294	1,285	1,242	1,247	1,283	1,285	1,233	1,212
1,178	1,232	1,241	1,208	1,182	1,134	1,147	1,131
326	316	318	341	348	342	347	341
1,508	1,509	1,513	1,523	1,525	1,499	1,536	1,496
248	249	251	254	254	251	248	231
13,159	13,204	13,052	12,980	13,057	12,985	13,056	12,956
4,210	4,013	3,527	2,797	2,435	2,334	2,275	2,019
351	371	381	383	368	203	159	154
398	408	410	405	411	408	422	430
2,218	3,417	3,313	5,401	5,564	3,325	2,675	2,748
536	562	565	560	580	595	609	635
1,742	1,772	1,733	1,729	1,736	1,735	1,734	1,729
869	891	880	878	904	877	878	834
85	90	90	99	98	99	98	93
387	392	392	355	352	400	410	418
132	137	134	129	124	132	129	137
322	337	320	302	295	289	282	260
786	789	806	838	859	847	853	827
703	730	686	647	655	628	646	663
1,152	1,122	1,074	1,158	1,145	1,116	1,085	1,091
21	22	22	21	21	21	21	22
2,521	2,664	2,630	2,774	2,778	2,786	2,923	2,995
2,017	2,022	1,875	1,865	1,882	1,880	1,941	1,835
3,860	3,919	3,953	4,012	4,016	3,961	3,972	3,899
137	136	135	132	136	135	137	140
2,123	2,142	2,127	2,109	2,118	2,108	2,089	2,068
*	*	*	*	*	*	*	*
206	205	188	182	184	185	196	171
3,574	3,521	3,453	3,520	3,585	3,660	3,728	3,690
131	136	135	138	137	141	146	143
322	326	316	307	307	306	305	304
318	389	394	421	459	400	378	365
47	47	40	42	45	46	45	43
6,181	6,237	6,087	6,036	6,005	6,125	6,069	5,994
*	*	*	*	*	*	*	*
2,605	2,631	2,759	2,919	3,005	3,059	3,128	3,184
649	663	660	671	684	691	711	732
107	123	132	155	164	174	186	188
143	169	189	167	173	171	164	139
386	363	290	281	279	287	283	289
1,868	1,888	1,872	1,941	1,928	1,893	1,826	1,787

\* Figures not available for publication.

## VICTORIA—MONTHLY EMPLOYMENT IN

Industry.	Average Number				
	July.	August.	September.	October.	
Sawmills—town .. .. .	2,001	2,026	1,957	2,033	
Ship and boat building .. .. .	*	*	*	*	
Shirts, collars, &c. .. .. .	4,194	4,168	4,172	4,140	
Silk, natural and artificial .. .. .	701	752	747	746	
Smelting, iron rolling .. .. .	*	*	*	*	
Soap and candle .. .. .	723	720	729	756	
Stationery .. .. .	696	700	707	704	
Stoves and ovens .. .. .	1,178	1,163	1,147	1,168	
Surgical instruments .. .. .	378	391	396	394	
Tailoring .. .. .	7,997	8,082	8,156	8,267	
Tanning and leather dressing .. .. .	2,035	1,965	1,970	2,003	
Tents and sailmaking .. .. .	250	256	265	278	
Tobacco and cigarettes .. .. .	2,291	2,329	2,395	2,451	
Toys, games, &c. .. .. .	679	610	613	630	
Tram and railway workshops .. .. .	6,235	6,447	6,502	6,622	
Umbrellas .. .. .	46	44	45	39	
Watches and clocks .. .. .	420	451	450	448	
Waterproof clothing .. .. .	449	466	469	463	
White lead, paint, &c. .. .. .	347	337	337	329	
Window blinds, &c. .. .. .	96	101	103	116	
Wireless apparatus .. .. .	865	856	870	880	
Wire working .. .. .	*	*	*	*	
Woodturning .. .. .	473	466	479	475	
Woollen mills .. .. .	11,901	11,909	11,893	11,799	
Other factories .. .. .	33,110	34,546	35,767	37,006	
All Industries .. .. .	Total ..	212,498	215,080	219,701	223,528

\* Figures not available for publication.

## BUILDING STATISTICS, 1940-41.

In view of the great importance of statistics of building and construction, their collection was undertaken in Victoria in 1929.

The particulars which follow for the year 1940-41 were obtained from returns furnished by 831 builders.

The absence of any system of registration of builders makes it difficult to ensure that a return is obtained from every builder in the State. It is suspected that a number of builders do not render returns. The statistics presented hereunder cannot, therefore, be considered as an absolute measure of the value of the work done but merely as an indication of the trend of building operations. The figures, however, do provide valuable information relating to the division of the expenditure amongst the various trades engaged in and those dependent upon the industry, and also supply important data not otherwise available relating to the contribution of the building trade to the national income.

The value of building work done in each of the past five years according to the returns received, was as follows:—

FACTORIES 1940-41—continued.

of Employees in—

November.	December.	January.	February.	March.	April.	May.	June.
2,054	1,963	2,093	2,144	2,142	2,049	2,079	2,099
*	*	*	*	*	*	*	*
4,125	4,031	3,883	3,971	3,969	3,918	4,001	4,034
747	769	745	781	791	796	836	826
*	*	*	*	*	*	*	*
771	770	739	754	760	760	793	788
701	722	717	725	737	737	753	738
1,158	1,212	1,189	1,252	1,253	1,254	1,251	1,239
399	418	430	435	441	448	466	471
8,370	8,420	8,143	8,136	8,116	8,073	8,140	8,259
2,004	2,013	2,004	2,051	2,106	2,075	2,194	2,212
276	279	290	280	289	277	269	275
2,453	2,456	2,307	2,235	2,245	2,232	2,273	2,275
619	631	565	562	561	570	579	575
6,762	6,953	6,652	6,959	7,027	6,908	7,352	7,593
39	39	37	44	44	43	44	44
445	470	460	486	515	569	616	629
472	470	468	480	499	491	525	510
345	356	373	366	378	377	381	384
116	120	119	123	116	110	108	97
878	1,005	1,043	1,073	1,116	1,159	1,186	1,223
*	*	*	*	*	*	*	*
475	489	496	497	501	505	506	519
11,797	11,869	11,912	11,937	12,002	11,986	12,098	12,245
38,561	40,273	41,206	42,389	43,440	43,803	45,392	46,252
227,842	232,998	231,007	236,165	239,360	236,549	240,027	241,620

VICTORIA—VALUE OF BUILDING WORK.

	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
Number of returns ..	982	962	953	983	831
New buildings ..	£ 5,378,287	£ 5,951,979	£ 6,480,488	£ 7,230,073	£ 8,050,043
Repairs and additions	1,417,867	1,651,290	1,426,982	1,336,439	1,448,413
Other construction ..	226,111	211,511	315,723	255,301	779,424
Total ..	7,022,265	7,814,780	8,223,193	8,821,813	10,277,880

The number of persons employed and the total salaries and wages paid are shown hereunder for the year 1940-41.

† Persons Employed.	Number.	Salaries and Wages Paid.	Average Salary or Wage.
Working proprietors .. ..	789	£ 231,032	£ 293
Managers .. ..	181	71,570	395
Clerks—			
Male .. ..	98	23,668	242
Female .. ..	93	10,500	113
Others .. ..	7,367	2,082,479	283

\* Figures not available for publication

† Excluding Sub-contractors and their Employees.

## VICTORIA—PAYMENTS TO SUB-CONTRACTORS, 1940-41.

		£			£
Plasterers, including fibrous	430,807		Bricklayers	..	185,039
Plumbers	.. .. 403,218		Tilers	.. ..	138,530
Painters	.. .. 203,726		Others	.. ..	748,769
Electricians	.. .. 170,297				
Carpenters and Joiners	.. 206,929		Total	.. ..	2,487,315

The term "Others" in this statement includes sub-contractors for excavations, concreting, asphaltting, &c. The term "sub-contractor" is intended to mean sub-contractor for "labour and material" only. Persons compiling returns were instructed to include sub-contractors for "labour only" under the heading of "persons employed," and the amount of the contract under "wages paid."

**Materials used.**

The following statistics should be read in conjunction with the preceding table. The values of the various materials set out hereunder are exclusive of those supplied by sub-contractors for labour and material.

Materials.	Value.				
	1936-37.	1937-38.	1938-39.	1939-40.	1940-41.
	£	£	£	£	£
Timber and Joinery	1,225,656	1,315,540	1,323,486	1,426,967	1,786,612
Bricks	472,547	500,426	491,988	502,771	578,551
Iron and Steel	384,747	537,007	602,307	563,494	602,375
Tiles	106,675	117,874	100,632	121,880	117,715
Cement, Lime and Sand	324,496	391,501	381,992	444,339	496,785
Other materials	913,332	829,282	912,065	940,749	1,054,053
Total	3,427,453	3,691,630	3,812,470	4,000,200	4,636,091

In addition to payments for wages, materials, and sub-contracts, there are numerous other expenses incidental to building, such as fuel, insurance, building fees of various kinds, &c. These have been included under the heading of "Other expenses," and totalled £73,629 in 1936-37, £78,921 in 1937-38, £118,607 in 1938-39, £139,230 in 1939-40, and £161,064 in 1940-41.

Capital invested in plant and machinery amounted to £103,390 in 1936-37, £114,759 in 1937-38, £147,623 in 1938-39, £164,151 in 1939-40, and to £158,204 in 1940-41; capital invested in land and buildings used as workshops amounted to £78,349 in 1936-37, £74,418 in 1937-38, £96,905 in 1938-39, £156,140 in 1939-40, and to £125,956 in 1940-41.

The following table is an analysis of the buildings completed during the years 1937-38 to 1940-41. As some of these buildings were doubtless commenced in the previous year, the total value is not a measure of the value of building construction for each respective year. The table published at the beginning of this review shows the total value of construction and repair work done for those years.

VICTORIA—BUILDINGS COMPLETED, 1937-38 TO 1940-41.

	1937-38.		1938-39.		1939-40.		1940-41.	
	Number.	Value.	Number.	Value.	Number.	Value.	Number.	Value.
Business premises ..	513	£ 1,790,363	405	£ 1,866,262	421	£ 2,171,172	297	£ 1,870,794
Other buildings ..	..	1,218,497	..	1,298,362	..	1,854,402	..	2,419,443
Dwellings—								
Brick ..	1,376	1,756,265	1,461	1,824,240	1,563	2,009,852	1,927	2,284,015
Wood ..	1,577	992,120	1,544	992,070	1,367	897,604	1,021	701,166
Total Value ..	..	£ 5,757,245	..	£ 5,980,934	..	£ 6,933,030	..	£ 7,275,418

Information collected with regard to dwellings was confined to those constructed of brick and of wood as representative of the most common types of houses built in Victoria.

The table hereunder summarizes the result.

VICTORIA—DWELLINGS CONSTRUCTED, 1940-41.

Number of Rooms.	Brick Dwellings.			Wooden Dwellings.		
	Number.	Value.	Average Value per Dwelling.	Number.	Value.	Average Value per Dwelling.
		£	£		£	£
Three ..	25	14,326	573	43	14,965	348
Four ..	268	184,078	687	253	128,883	509
Five ..	1,064	962,200	904	609	448,541	737
Six ..	335	450,211	1,344	86	73,551	855
Seven ..	77	137,275	1,783	19	20,020	1,054
Eight ..	56	119,480	2,134	7	8,149	1,164
Nine ..	24	62,519	2,605	3	5,557	1,852
Ten ..	30	99,617	3,321	1	1,500	1,500
Over ten ..	48	254,309	5,298	—	—	—
Total ..	1,927	2,284,015	1,185	1,021	701,166	687

## STATISTICAL SUMMARY FOR VICTORIA, 1836 TO 1941.

## POPULATION AND VITAL STATISTICS.

Year.	Population on 31st December.			Net Migration (Excess of Arrivals over Departures).	Births.	Deaths.	Marriages.
	Persons.	Males.	Females.				
1836	224	186	38	..	1	3	..
1840	10,291	7,254	3,037	4,309	358	198	177
1850	76,162	45,495	30,667	8,049	2,673	780	969
1860	538,234	330,302	207,932	6,360	22,863	12,061	4,351
1870	723,925	397,230	326,695	10,432	27,151	10,420	4,732
1880	858,605	450,558	408,047	2,352	26,148	11,652	5,286
1890	1,133,728	595,519	538,209	9,224	37,578	18,012	9,187
1900	1,196,213	601,773	594,440	-7,892	30,779	15,215	8,308
1910	1,301,408	646,482	654,926	7,685	31,437	14,736	10,240
1915	1,424,445	694,210	730,235	-29,930*	35,010	15,823	12,832
1916	1,404,663	666,245	738,418	-37,532*	34,239	16,489	11,341
1917	1,417,060	671,075	745,985	-6,083*	33,035	14,555	9,506
1918	1,437,245	684,243	753,002	3,761*	31,601	15,177	9,156
1919	1,503,035	739,956	763,079	53,539*	31,621	19,370	11,706
1920	1,527,909	753,803	774,106	5,492	36,214	16,832	14,898
1921	1,550,727	765,306	785,421	3,390	35,593	16,165	13,676
1922	1,590,273	789,517	800,756	18,414	36,288	15,156	12,996
1923	1,625,455	807,884	817,571	16,525	35,876	17,219	13,126
1924	1,657,151	825,919	831,232	12,060	36,139	16,503	13,296
1925	1,684,051	840,817	843,234	6,814	35,922	15,836	13,370
1926	1,711,987	855,035	856,952	8,909	35,362	16,335	13,405
1927	1,741,832	870,718	871,114	11,544	35,074	16,773	13,608
1928	1,761,746	879,478	882,268	3,124	34,498	17,708	13,186
1929	1,778,269	886,472	891,797	-364	33,604	16,717	12,935
1930	1,792,605	892,422	900,183	-2,832	33,127	15,959	11,641
1931	1,803,570	896,429	907,141	-2,334	30,332	17,033	10,182
1932	1,813,387	900,663	912,724	-842	27,464	16,805	11,744
1933	1,824,479	905,050	919,429	156	28,392	17,456	12,668
1934	1,837,490	910,373	927,117	3,831	27,828	18,648	13,862
1935	1,843,023	911,710	931,313	-3,895	27,884	18,456	15,409
1936	1,851,593	915,304	936,289	-1,535	28,883	18,778	15,915
1937	1,859,487	918,665	940,822	-3,224	29,731	18,613	16,226
1938	1,873,760	925,892	947,868	2,884	30,344	18,955	17,113
1939	1,886,356	931,724	954,632	2,272	30,493	20,169	17,368
1940	1,918,660†	949,650	969,010	20,635	31,962	20,293	22,299

\* Includes departure and return of members of Australian Imperial Forces.

† Subject to revision.

VICTORIA—STATE FINANCE.

Year ended June—	Public Revenue.	Public Expenditure.	Expenditure by Government from Loan Funds and on account of Loans. †	Expenditure from Loan Funds and on account of Loans† on—		
				Railways.	Country Water Supply.	Land Settlement.
	£	£	£	£	£	£
1836*	..	2,165	..	..	..	..
1840*	255,984	70,129	..	..	..	..
1850*	259,433	196,440	..	..	..	..
1860*	3,082,461	3,315,307	..	..	..	..
1870*	3,261,883	3,428,382	..	..	..	..
1880	4,621,282	4,875,029	1,477,002	1,209,892	81,507	..
1890	8,519,159	9,645,737	4,134,106	3,260,244	361,885	..
1900	7,453,355	7,285,636	1,005,889	595,543	144,149	63,985
1910	8,760,305	8,742,293	1,209,505	657,666	286,823	198,946
1911	9,372,637	9,362,291	2,657,271	1,230,381	311,709	956,900
1912	10,181,840	10,171,386	2,974,149	1,703,453	259,281	889,000
1913	10,508,945	10,479,741	2,693,844	1,700,309	267,560	576,610
1914	10,958,037	10,944,718	3,276,994	2,361,660	229,127	303,935
1915	10,529,017	11,706,968	5,351,830	2,809,926	304,766	173,752
1916	11,470,875	11,683,363	4,473,569	2,440,317	347,135	86,938
1917	11,813,879	11,795,295	2,440,966	1,266,352	302,893	103,647
1918	12,672,787	12,631,169	1,931,679	761,705	302,955	273,494
1919	13,044,088	13,023,407	2,932,521	878,384	412,267	1,157,230
1920	15,866,184	15,852,459	7,601,266	982,182	570,028	5,204,308
1921	19,054,475	19,041,698	11,095,157	1,685,329	692,659	6,894,557
1922	20,357,733	20,297,279	11,804,990	3,478,021	968,047	4,431,854
1923	21,634,677	21,611,309	8,825,471	1,674,643	1,210,484	2,655,163
1924	23,075,968	22,950,968	8,873,380	1,395,282	1,415,109	2,530,896
1925	24,304,887	24,170,483	7,862,765	1,483,720	1,471,566	1,536,733
1926	25,269,756	25,559,583	7,875,567	1,384,747	1,521,533	1,536,978
1927	27,128,700	27,744,903	9,096,180	1,823,777	1,659,898	1,729,469
1928	27,357,917	27,521,270	9,657,411	1,674,906	1,674,411	2,115,925
1929	28,156,034	28,104,947	7,225,704	1,229,521	1,516,023	1,493,127
1930	27,323,842	28,496,712	6,467,067	947,527	1,208,568	1,267,657
1931	25,575,504	28,029,702	3,552,767	455,293	696,146	709,179
1932	24,565,272	26,173,594	2,042,043	163,402	351,119	529,467
1933	24,905,985	25,747,486	2,852,556	156,728	488,072	588,847
1934	24,777,739	25,546,979	2,808,738	194,770	315,870	639,308
1935	25,805,557	25,956,754	2,688,521	218,419	260,736	475,387
1936	26,583,510	26,699,971	3,889,452	280,900	285,473	465,002
1937	27,704,918	27,675,995	3,303,501	361,893	360,792	252,829
1938	28,938,052	28,907,107	3,230,451	492,208	353,606	28,130
1939	28,354,711	29,141,953	3,998,531	354,259	582,327	15,395
1940	29,480,781	29,474,520	3,962,647	865,500	426,825	1,140
1941	30,458,071	30,315,771	2,734,442	641,845	471,369	245
Total to date	..	..	219,175,895	48,361,124†	28,161,791	41,570,934

\* Year ended 31st December.

† This Loan Expenditure differs from that charged to Loan Funds shown in issues of the Year-Book prior to 1931-32.

‡ As reduced in accordance with Act No. 4429 of 1936.

## VICTORIA—STATE PUBLIC DEBT; DWELLINGS; MUNICIPALITIES.

Year.	State Public Debt* at End of Financial Year.	Number of Dwellings in Victoria.		Municipalities.†		
		Occupied.	Unoccupied.	Number.	Capital Improved Value of Rateable Property.	
	£				£	
1857	..	1,458,700	96,662†	4,724†	35	19,410,710
1861	..	6,835,060	129,196†	5,017†	108	30,606,787
1871	..	12,134,800	150,618†	6,997†	171	50,166,078
1881	..	22,944,602	170,086†	9,049†	174	87,642,459
1891	..	43,610,265	224,021†	15,846†	197	203,351,360
1901	..	53,072,275	241,410†	11,629†	208	185,101,993
1911	..	57,983,764	272,635†	11,231†	207	265,083,727
1913	..	62,776,724	305,575	6,643	208	287,872,434
1914	..	66,130,726	314,759	7,255	208	301,917,686
1915	..	73,083,927	320,244	6,912	193	314,610,747
1916	..	76,775,032	323,378	6,533	190	318,960,116
1917	..	78,125,395	327,825	5,981	191	326,415,110
1918	..	79,595,646	333,611	4,804	191	331,336,715
1919	..	82,031,929	337,802	3,263	191	340,604,233
1920	..	87,647,739	345,265	2,451	193	357,437,822
1921	..	97,317,831	331,290†	14,994†	192	399,502,745
1922	..	109,099,199	358,393	2,324	192	426,485,383
1923	..	118,562,029	370,703	2,625	192	455,209,974
1924	..	124,108,326	382,377	3,576	192	499,967,961
1925	..	131,169,565	392,710	3,764	194	538,711,198
1926	..	140,264,989	404,179	3,647	194	571,683,489
1927	..	149,546,966	414,185	4,312	195	606,322,402
1928	..	158,183,470	422,057	5,357	196	636,746,560
1929	..	159,552,653	428,477	8,304	196	661,889,314
1930	..	162,288,994	427,843	10,971	196	680,649,613
1931	..	167,016,596	427,645	11,460	196	676,690,841
1932	..	169,833,964	429,624	8,900	196	629,896,344
1933	..	171,399,031	432,872†	18,757†	196	604,791,333
1934	..	175,132,749	447,662	9,159	195	592,383,467
1935	..	174,160,663	456,148	6,180	195	602,561,400
1936	..	175,058,285	463,943	5,215	195	613,522,880
1937	..	176,597,010	472,367	4,289	195	630,085,550
1938	..	177,228,495	481,384	3,839	196	647,933,500
1939	..	179,698,118	489,363	4,024	197	666,564,780
1940	..	180,549,968	497,555	4,521	197	684,863,300
1941	..	181,219,188	..	..	..	..

\* Including corporations guarantee loans.

† As enumerated at Census. During intercensal periods the particulars of unoccupied dwellings are given as furnished by municipal authorities.

‡ Including road districts until 1874.

VICTORIA—EXPENDITURE ON ROADS BY THE COUNTRY ROADS BOARD.

(Excluding Grants to Municipalities under section 38 of the *Country Roads Act 1928*, No. 3662.)

Year.	Main Roads.		State Highways— Construction and Maintenance.	Develop- mental Roads— Con- struction.†	Other Road Works.	Total.
	Con- struction.	Main- tenance.*				
	£	£	£	£	£	£
1913-14	24,440	9,490	..	..	..	33,930
1914-15	342,681	49,888	..	..	..	392,569
1915-16	464,787	98,879	..	..	..	563,666
1916-17	226,603	130,537	..	..	..	357,140
1917-18	226,395	173,785	..	1,703	..	401,883
1918-19	284,734	179,133	..	47,561	..	511,428
1919-20	336,331	192,303	..	315,701	..	844,335
1920-21	271,850	221,395	..	693,245	..	1,186,490
1921-22	288,937	267,969	..	626,998	..	1,183,904
1922-23	275,810	288,129	..	435,187	57	999,183
1923-24	207,274	343,233	..	589,086	12,511	1,152,104
1924-25	228,871	463,065	5,117	830,698	..	1,527,751
1925-26	279,179	441,625	414,072	922,903	..	2,057,779
1926-27	350,400	426,709	672,840	692,728	22,261	2,164,938
1927-28	291,892	510,089	684,611	729,144	4,434	2,220,170
1928-29	216,053	509,776	671,728	643,443	1,490	2,042,490
1929-30	232,225	680,177	892,129	704,385	2,563	2,511,479
1930-31	161,504	613,729	379,862	462,339	..	1,617,434
1931-32	36,146	422,927	265,250	187,597	..	911,920
1932-33	205,799	485,087	426,301	498,787	..	1,615,974
1933-34	235,889	594,090	419,875	329,056	..	1,578,910
1934-35	166,002	700,074	360,503	323,220	..	1,549,799
1935-36	235,015	679,066	484,673	578,084	..	1,976,838
1936-37	299,362	752,628	412,541	463,087	1,701	1,929,319
1937-38	187,922	749,946	425,047	542,240	2,844	1,907,999
1938-39	231,481	802,920	455,923	591,072	17,388	2,098,784
1939-40	194,663	699,691	509,671	572,880	113,941‡	2,090,846
1940-41	83,236	646,836	392,510	362,352	33,707‡	1,518,641
Total	6,585,481	12,133,176	7,872,653	12,143,496	212,897	38,947,703

NOTE.—Expenditure on Unemployment Relief, &c., has been classified in accordance with the above headings.

\* The municipalities concerned are liable for one-half of this expenditure incurred prior to 1st January, 1925, and one-third of expenditure incurred subsequent to that date.

† The municipalities pay a proportion of the interest on the expenditure incurred in making these roads, subject to relief provided for under the *Country Roads Board Fund (Amendment Act 1936)*, and they maintain the roads after they have been constructed.

‡ Including Commonwealth Defence Works.

## VICTORIA—BANKING.

Year.	No. of Banks.	Joint Stock Banks (excluding Commonwealth Bank).				Savings Banks in Victoria.*	
		Paid-up Capital.	Assets.	Liabilities.	Deposits.	Accounts Open.	Amount on Deposit at end of year.
		£	£	£	£	No.	£
1854	6	3,367,560	10,536,528	7,494,909	5,068,792	2,761	180,020
1860	9	6,134,657	12,693,727	9,238,731	7,225,728	10,135	484,501
1870	10	8,305,224	16,866,405	12,357,571	10,899,026	41,738	1,047,147
1880	11	9,126,250	23,284,822	19,488,512	17,972,703	92,115	1,661,409
1890	16	13,281,790	60,937,955	42,224,084	40,292,065	281,509	5,262,105
1900	11	13,746,458	41,755,928	31,895,571	30,638,285	375,070	9,110,793
1910	11	13,933,729	47,341,431	44,746,441	43,188,975	560,515	15,417,887
1915	16	25,112,160	59,449,407	55,813,235	54,040,102	781,490	26,996,025
1916	17	26,519,044	63,435,125	60,195,632	59,202,831	821,208	28,789,426
1917	17	27,006,166	59,737,528	65,329,672	64,042,657	869,058	31,581,266
1918	16	27,013,981	75,489,092	78,296,932	76,390,503	913,875	34,603,286
1919	16	28,155,048	70,903,238	80,028,961	78,518,187	966,543	38,772,023
1920	17	35,915,745	88,536,893	88,049,750	86,085,423	1,014,223	42,317,863
1921	16	36,001,087	84,033,765	83,741,022	82,249,429	1,072,554	48,970,989
1921-22	15	36,872,469	74,659,508	78,100,614	76,546,572	1,127,892	52,131,032
1922-23	15	38,914,827	83,170,293	86,657,683	86,135,739	1,188,437	56,101,260
1923-24	15	41,627,576	84,248,711	85,937,244	84,301,488	1,268,629	58,028,190
1924-25	15	45,581,952	86,530,137	87,377,627	85,674,995	1,337,093	59,551,895
1925-26	15	45,928,051	92,845,850	91,953,493	90,067,719	1,396,438	63,253,526
1926-27	14	51,706,539	99,961,588	93,538,580	91,923,909	1,455,581	65,352,618
1927-28	14	54,338,895	101,926,003	93,414,007	91,916,458	1,515,097	68,826,768
1928-29	14	55,197,989	105,036,480	100,035,499	98,457,790	1,575,089	72,706,991
1929-30	14	48,461,495	105,529,578	90,227,553	88,959,734	1,619,940	69,367,253
1930-31	14	48,740,685	118,055,154	92,964,023	91,754,071	1,620,560	63,242,527
1931-32	13	47,825,431	133,330,107	114,523,288	113,108,273	1,557,556†	65,680,220
1932-33	12	47,373,283	132,455,266	106,488,445	105,285,163	1,586,508†	67,813,544
1933-34	12	44,147,476†	143,102,080	115,404,500	114,138,817	1,623,489†	69,971,410
1934-35	12	43,617,487†	132,719,413	110,644,546	109,514,113	1,666,480†	72,018,712
1935-36	12	43,617,487†	129,001,403	110,924,212	109,729,144	1,714,060†	73,890,119
1936-37	12	43,617,487†	127,948,290	119,607,135	118,341,912	1,762,302†	75,720,457
1937-38	12	43,617,487†	130,339,769	121,635,257	120,216,373	1,809,257†	78,876,999
1938-39	12	43,617,487†	131,148,372	119,688,424	118,312,332	1,847,788†	80,461,039
1939-40	12	43,623,487†	154,951,800	133,237,793	131,422,174	1,892,036†	79,145,337
1940-41	12	43,623,487†	168,018,334	136,995,427	135,160,643	1,958,503†	85,689,012

\* Including (1) Trustees Savings Banks, established in 1842, and Post Office Savings Banks, opened in 1865—both of which were merged into the State Savings Bank of Victoria in 1897; (2) the State Savings Bank of Victoria from 1897; and (3) the Commonwealth Savings Bank in Victoria, which commenced business on 15th July, 1912.

† Excluding particulars relating to the Comptoir National d'Escompte de Paris previously included.

‡ Figures for 1931-32 and subsequent years exclude the inoperative accounts of the Commonwealth Savings Bank.

VICTORIA—COMMERCE.

Year.	Recorded Value of Oversea Imports.	Recorded Value of Oversea Exports.	Total Value of Oversea Trade.	Value of Australian Produce Exported Oversea.
	£	£	£	£
1859 ..	12,873,360	12,558,129	25,431,489	*
1860 ..	12,736,535	11,390,445	24,126,980	*
1870 ..	10,608,267	11,236,300	21,844,567	*
1880 ..	9,034,538	12,151,798	21,186,336	*
1890 ..	15,161,356	9,553,031	24,714,387	*
1900 ..	11,937,644	12,165,364	24,103,008	11,855,052
1910 ..	20,002,606	18,188,236	38,190,842	17,388,708
1911 ..	21,850,963	18,915,716	40,766,679	17,936,017
1912 ..	25,081,074	19,113,121	44,194,195	18,366,092
1913 ..	24,387,073	17,837,591	42,224,664	16,750,278
1914 (to 30th June) ..	12,718,794	8,994,698	21,713,492	8,746,861
1914-15 ..	21,050,310	12,349,662	33,399,972	12,009,497
1915-16 ..	26,761,922	14,748,730	41,510,652	14,279,482
1916-17 ..	25,474,839	19,030,146	44,504,985	18,668,224
1917-18 ..	21,113,588	20,716,688	41,830,276	20, 270,842
1918-19 ..	35,026,311	28,095,159	63,121,470	27,682,262
1919-20 ..	33,788,287	43,124,940	76,913,227	42,236,835
1920-21 ..	57,608,777	34,871,961	92,480,738	33,890,767
1921-22 ..	36,352,056	34,644,182	70,996,238	33,681,068
1922-23 ..	46,729,100	33,768,701	80,497,801	33,148,563
1923-24 ..	49,592,643	29,612,548	79,205,191	29,088,613
1924-25 ..	54,289,690	41,641,979	95,931,669	41,066,355
1925-26 ..	50,327,055	33,317,301	83,644,356	32,855,314
1926-27 ..	55,560,936	34,556,433	90,117,369	34,130,233
1927-28 ..	47,911,131	31,591,878	79,503,009	30,770,969
1928-29 ..	46,005,650	39,090,707	85,096,357	38,253,152
1929-30 ..	42,301,093	36,499,943	78,801,036	36,019,351
1930-31 ..	20,305,201	26,754,761†	43,665,000	26,252,256†
1931-32 ..	16,043,817	27,764,310†	37,897,000	27,393,055†
1932-33 ..	21,516,988	29,809,418†	45,322,000	29,518,676†
1933-34 ..	22,404,232	30,519,726†	46,774,000	30,195,377†
1934-35 ..	26,345,073	28,119,827†	48,799,000	27,776,969†
1935-36 ..	30,616,131	34,982,544†	58,008,000	34,593,245†
1936-37 ..	32,593,726	43,587,646†	67,399,000	43,221,283†
1937-38 ..	39,222,998	41,243,667†	72,159,000	40,847,621†
1938-39 ..	35,455,336	30,819,012	62,065,000	30,364,388†
1939-40 ..	‡	‡	‡	‡
1940-41 ..	‡	‡	‡	‡

\* Information not available.

† From 1930-31 onwards the values of exports and of Australian produce exported overseas are shown in Australian Currency, all other values are shown in British Currency.

‡ Not available for publication.

## VICTORIA—COMMERCE—continued.

Year.	Exports (Overseas) of—			
	Butter.		Wool.	
	Quantity.	Value †	Quantity.	Value †
	lb.	£	lb.	£
1850 ..	..	..	17,780,000	815,892
1860 ..	705,040	27,974	24,216,847	2,021,396
1870 ..	137,475	4,704	51,830,526	3,199,309
1880 ..	1,096,401	29,996	111,509,915	6,372,306
1890 ..	1,297,777	47,972	131,041,074	5,862,011
1900 ..	32,087,739	1,243,260	100,743,853	4,164,656
1910 ..	39,698,122	1,780,044	164,213,073	7,190,789
1911 ..	51,304,010	2,361,587	159,955,473	6,255,599
1912 ..	31,451,378	1,545,771	166,859,531	6,990,918
1913 ..	34,542,925	1,681,987	143,391,292	6,282,291
1914* ..	9,373,252	475,898	44,626,388	1,979,174
1914-15 ..	16,630,637	800,385	115,234,566	5,251,177
1915-16 ..	11,417,311	719,653	100,526,942	6,203,565
1916-17 ..	30,706,719	2,189,052	84,127,550	6,149,212
1917-18 ..	24,323,648	1,664,299	87,681,189	6,820,006
1918-19 ..	23,969,104	1,860,415	146,762,561	10,968,651
1919-20 ..	24,170,187	2,089,296	156,458,960	12,800,519
1920-21 ..	32,813,204	4,027,256	118,862,086	8,909,004
1921-22 ..	45,985,904	3,026,447	193,425,056	11,185,526
1922-23 ..	41,653,344	3,190,805	204,143,606	16,115,971
1923-24 ..	35,578,812	2,751,312	118,152,098	13,067,701
1924-25 ..	53,731,160	4,051,632	117,325,046	14,446,378
1925-26 ..	32,874,047	2,542,626	194,663,036	15,402,800
1926-27 ..	34,403,562	2,181,415	177,553,535	14,305,940
1927-28 ..	32,412,438	2,311,094	158,117,113	15,243,335
1928-29 ..	41,321,453	2,811,204	191,971,504	15,343,225
1929-30 ..	40,305,160	2,668,755	160,674,506	7,889,140
1930-31 ..	61,751,348	3,183,231	175,419,800	6,960,714
1931-32 ..	81,068,322	4,149,713	182,978,607	7,694,531
1932-33 ..	95,492,925	3,865,321	214,621,692	8,638,936
1933-34 ..	76,470,363	2,411,892	189,521,493	13,511,750
1934-35 ..	93,643,352	3,428,217	191,192,361	8,911,908
1935-36 ..	91,714,538	3,751,294	203,451,217	13,299,702
1936-37 ..	90,717,838	4,056,443	195,135,300	15,731,887
1937-38 ..	77,695,589	3,577,351	188,253,625	11,524,625
1938-39 ..	65,462,195	3,245,806	185,808,043	9,545,002
1939-40 ..	†	†	†	†
1940-41 ..	†	†	†	†

\* For period of six months to 30th June.

† Australian Currency.

‡ Not available for publication.

VICTORIA—COMMERCE—continued.

Year.	Exports (Oversea) of—					
	Tallow.		Wheat.		Frozen Meats.	
	Quantity.	Value.†	Quantity.	Value.†	Value.†	
	cwt.	£	bushels.	£	£	
1850	..	87,763	130,397	85	21	..
1860	..	6,029	15,687	328	165	..
1870	..	197,420	358,092	5,294	1,458	..
1880	..	134,022	191,531	2,378,097	539,421	..
1890	..	162,140	156,535	505,025	95,930	..
1900	..	153,340	171,327	6,246,645	874,323	432,120
1910	..	248,735	378,924	15,319,971	3,091,079	888,001
1911	..	334,937	480,256	20,351,479	3,592,534	941,406
1912	..	229,638	324,497	9,183,280	1,836,387	889,297
1913	..	258,969	371,316	11,220,525	2,053,454	1,565,061
1914*	..	156,470	227,759	17,579,763	3,260,551	710,018
1914-15	..	143,695	192,400	786,432	160,642	1,779,952
1915-16	..	24,831	45,214	9,974,218	2,767,099	140,973
1916-17	..	106,260	246,091	18,089,912	4,177,726	630,494
1917-18	..	44,819	133,577	10,050,700	2,776,635	478,921
1918-19	..	177,489	467,529	15,070,085	3,923,715	891,297
1919-20	..	265,870	1,037,986	28,675,295	7,983,987	4,096,685
1920-21	..	101,400	282,306	21,760,063	10,086,400	1,036,982
1921-22	..	203,829	336,869	32,268,626	9,182,731	1,132,230
1922-23	..	278,058	451,405	9,252,600	2,498,066	2,448,056
1923-24	..	99,118	188,767	16,762,086	3,922,823	707,179
1924-25	..	215,726	441,986	31,777,857	10,413,976	1,123,529
1925-26	..	205,879	399,783	10,110,257	3,132,983	1,528,751
1926-27	..	210,945	355,498	24,750,755	6,976,711	1,322,723
1927-28	..	132,068	224,643	5,224,235	1,489,426	840,778
1928-29	..	257,526	463,438	24,217,935	5,969,821	1,724,271
1929-30	..	150,833	256,863	2,720,463	690,247	1,672,823
1930-31	..	108,475	133,801	25,673,857	3,016,409	1,523,016
1931-32	..	209,957	220,611	28,021,268	4,246,048	1,615,924
1932-33	..	240,598	240,262	24,517,332	3,621,571	2,090,745
1933-34	..	137,134	131,024	9,884,533	1,431,842	2,287,658
1934-35	..	255,701	263,558	11,234,238	1,617,923	2,873,692
1935-36	..	149,948	212,409	16,227,157	2,917,377	3,244,422
1936-37	..	217,497	269,929	20,975,867	5,346,703	3,764,208
1937-38	..	188,258	211,448	27,292,450	6,144,958	4,075,871
1938-39	..	173,263	146,513	5,232,770	932,388	3,249,475
1939-40	..	†	†	†	†	†
1940-41	..	†	†	†	†	†

\* Period of six months to 30th June

† Australian Currency.

‡ Not available for publication.

## VICTORIA—COMMERCE ; SHIPPING.

Year.	Exports (Oversea) of—			Shipping.			
	Flour.		Hides and Skins.	Entered.		Cleared.	
	Quantity.	Value. †	Value. †	Vessels.	Tons.	Vessels.	Tons.
	tons.	£	£				
1850 ..	..	..	1,245	555	108,030	508	87,087
1860 ..	995	17,713	141,194	1,814	581,642	1,841	599,137
1870 ..	1,077	13,423	23,141	1,759	630,474	1,834	645,571
1880 ..	11,742	113,404	86,127	1,648	1,006,478	1,688	1,028,721
1890 ..	7,323	68,036	163,258	2,076	2,119,171	2,078	2,128,895
1900 ..	21,672	132,398	271,691	1,928	2,901,619	1,935	2,912,696
1910 ..	68,766	609,960	1,296,516	2,308	4,952,273	2,312	4,954,773
1911 ..	79,684	629,427	1,089,451	2,335	5,148,184	2,347	5,156,952
1912 ..	68,782	600,267	1,329,400	2,399	5,426,146	2,385	5,410,801
1913 ..	84,689	710,416	1,688,409	2,481	5,950,035	2,469	5,902,277
1914* ..	48,113	398,442	552,211	1,281	3,150,689	1,297	3,208,400
1914-15	21,058	191,214	885,075	2,324	5,290,063	2,329	5,308,817
1915-16	55,600	653,490	534,440	2,392	4,935,129	2,385	4,902,245
1916-17	101,991	1,213,751	548,736	1,962	4,042,819	1,967	4,050,095
1917-18	135,180	1,529,789	478,236	1,721	2,871,343	1,724	2,873,770
1918-19	144,073	1,707,399	1,078,163	1,730	2,870,974	1,709	2,815,938
1919-20	207,616	3,259,296	1,947,747	1,792	3,987,262	1,809	4,021,188
1920-21	87,422	1,900,888	784,421	2,246	4,663,126	2,248	4,651,818
1921-22	145,127	2,157,754	768,010	2,442	5,506,127	2,436	5,518,393
1922-23	178,812	2,024,921	1,562,572	2,634	6,611,352	2,634	6,618,968
1923-24	211,685	2,175,854	1,704,857	2,666	6,782,495	2,676	6,749,873
1924-25	177,778	2,408,542	2,168,241	2,577	6,807,357	2,605	6,676,355
1925-26	162,081	2,177,935	2,273,963	2,470	6,485,561	2,447	6,494,779
1926-27	167,260	2,123,361	2,106,123	2,667	7,187,147	2,666	7,180,748
1927-28	177,547	2,115,398	2,882,783	2,589	6,844,809	2,608	6,869,313
1928-29	216,905	2,260,895	2,938,220	2,474	6,798,092	2,466	6,815,305
1929-30	179,452	1,880,057	1,982,804	2,499	6,911,048	2,488	6,877,418
1930-31	190,269	1,221,250	1,341,673	2,166	6,161,699	2,181	6,238,325
1931-32	217,872	1,347,302	694,125	2,097	5,996,094	2,101	6,018,664
1932-33	241,612	1,564,396	873,096	2,343	6,688,911	2,296	6,674,138
1933-34	216,124	1,285,088	1,749,009	2,393	6,791,063	2,359	6,775,019
1934-35	263,884	1,734,520	1,361,076	2,603	7,435,416	2,585	7,407,121
1935-36	257,699	1,875,692	2,106,673	2,719	7,939,719	2,711	7,907,632
1936-37	233,283	2,292,958	2,703,492	2,848	8,098,613	2,849	8,070,031
1937-38	279,494	2,644,037	2,387,840	3,019	8,537,857	2,991	8,520,864
1938-39	256,231	1,607,110	1,548,609	2,979	8,537,085	2,989	8,479,995
1939-40	†	†	†	†	†	†	†
1940-41	†	†	†	†	†	†	†

\* Period of six months to 30th June.

† Australian Currency.

‡ Not available for publication.

VICTORIA—STATE RAILWAYS.

Year.	Miles Constructed.	Capital Cost of Lines Opened, Equipment, and Rolling Stock.	Total Receipts.	Working Expenses.	Total Miles Run.
		£	£	£	
1880 ..	1,199	18,041,295	1,492,917	814,075	4,380,802
1889-90 ..	2,471	32,588,375	3,131,866	2,132,158	11,773,152
1899-1900 ..	3,186	39,496,247	3,025,162	1,902,540	10,107,549
1909-10 ..	3,544	43,091,478	4,455,748	2,827,735	12,045,866
1910-11 ..	3,576	44,021,212	4,909,062	3,109,323	13,319,572
1911-12 ..	3,675	45,603,114	5,233,979	3,455,086	14,203,681
1912-13 ..	3,700	47,076,911	5,222,271	3,605,001	14,648,489
1913-14 ..	3,888	49,311,907	5,581,474	3,886,348	15,570,098
1914-15 ..	3,928	51,620,187	5,183,687	4,528,316	15,880,677
1915-16 ..	4,153	54,560,106	5,730,743	4,141,588	14,424,357
1916-17 ..	4,176	55,808,163	5,980,638	4,305,958	14,594,775
1917-18 ..	4,205	56,694,141	6,593,873	4,603,905	14,147,896
1918-19 ..	4,245	57,658,557	6,476,076	4,474,771	13,587,968
1919-20 ..	4,270	58,496,357	8,287,063	6,265,754	15,687,177
1920-21 ..	4,322	60,012,250	9,851,908	8,093,869	16,583,638
1921-22 ..	4,372	63,186,759	10,857,853	8,287,146	15,830,605
1922-23 ..	4,389	64,938,085	11,413,782	8,442,214	16,323,481
1923-24 ..	4,488	66,212,984	12,025,987	8,982,880	17,245,219
1924-25 ..	4,537	67,470,720	12,830,283	9,704,455	18,172,188
1925-26 ..	4,681	69,181,724	12,743,566	9,833,240	18,267,000
1926-27 ..	4,692	70,668,661	13,760,769	10,521,032	18,781,264
1927-28 ..	4,749	72,658,978	12,953,039	10,166,136	19,302,971
1928-29 ..	4,751	73,438,071	13,262,387	9,833,459	19,022,771
1929-30 ..	4,764	74,612,008	12,088,013	9,598,893	18,708,773
1930-31 ..	4,773	74,717,834	10,089,884	7,770,341	16,957,378
1931-32 ..	4,777	74,827,429	9,530,812	6,401,519	16,269,092
1932-33 ..	4,777	75,116,987	9,520,870	6,572,789*	16,235,292
1933-34 ..	4,777	75,638,229	9,249,866	6,431,790*	16,222,395
1934-35 ..	4,777	75,864,803	9,498,705	6,691,490*	16,456,104
1935-36 ..	4,777	76,212,430	9,769,463	6,925,960*	17,345,725
1936-37 ..	4,777	76,722,152	10,221,003	7,326,841*	18,171,670
1937-38 ..	4,777	50,683,029†	9,809,158	7,900,053*	18,889,686
1938-39 ..	4,816	51,261,688†	9,360,329	8,137,622*	18,875,525
1939-40 ..	4,816	50,878,076†	9,942,448	8,133,174*	18,032,670
1940-41 ..	4,816	50,866,372†	11,330,220	9,053,928*	18,837,283

N.B.—Above information includes particulars of the following activities under the control of the Railways Commissioners:—(a) Electric Street Tramways, which were established in 1906, and (b) Road Motor Services, which commenced operations on 30th November, 1925.

\* Exclusive of amounts charged to other funds, viz.:—1932-33, £69,135; 1933-34, £251,104; 1934-35, £171,939; 1935-36, £137,871; 1936-37, £162,061; 1937-38, £148,233 and £297,400 charged to Public Account Advances Account Act No. 4499; 1938-39, £139,302; 1939-40, £436,406; 1940-41, £299,580.

† Written down as from 1st July, 1937, in accordance with Act No. 4429 of 1936.

## VICTORIA—EDUCATION.

Year.	Number of Schools.			Number of Scholars on Rolls.			Melbourne University.	
	State Element- ary.	Regis- tered.	Total.	State Element- ary.	Regis- tered.	Total.	Number of Maticu- lated Students.	Number of Graduates (Direct degrees).
1860	665	221	886	46,687	4,981	51,668	10	6
1870	908	959	1,867	123,385	30,968	154,353	82	10
1880	1,810	643	2,453	229,723	28,134	257,857	151	49
1890	2,170	791	2,961	250,097	40,181	290,278	154	99
1900	1,948	884	2,832	243,667	48,483	292,150	101	124
1910	2,036	641	2,677	235,042	54,740	289,782	287	201
1911	2,059	587	2,646	234,766	55,893	290,659	283	243
1912	2,093	548	2,641	238,111	56,035	294,146	315	184
1913	2,127	519	2,646	241,042	57,698	298,740	287	260
1914	2,175	512	2,687	246,447	58,886	305,333	364	305
1915	2,227	509	2,736	250,264	60,865	311,129	316	347
1916	2,225	495	2,720	257,726	64,830	322,556	364	302
1917	2,202	495	2,697	254,033	64,369	318,402	373	241
1918	2,272	493	2,765	240,664	63,476	304,140	430	295
1919	2,280	486	2,766	235,292	63,106	298,398	636	204
1920	2,333	489	2,822	247,337	66,445	313,782	746	387
1921	2,334	486	2,820	247,204	68,048	315,252	610	380
1922	2,405	486	2,891	248,882	67,673	316,555	548	514
1923	2,460	486	2,946	253,307	70,615	323,922	496	573
1924	2,503	490	2,993	254,144	71,925	326,069	509	619
1925	2,525	495	3,020	255,101	71,772	326,873	600	644
1926	2,529	493	3,022	255,779	73,249	329,028	605	551
1927	2,564	483	3,047	258,205	72,561	330,766	664	426
1928	2,566	500	3,066	257,562	75,139	332,701	612	479
1929	2,601	501	3,102	258,872	75,886	334,758	621	427
1930	2,598	502	3,100	260,319	75,944	336,263	678	456
1931	2,590	505	3,095	261,673	73,342	335,015	686	471
1932	2,613	504	3,117	262,417	73,710	336,127	693	435
1933	2,609	508	3,117	264,697	73,845	338,542	697	498
1934	2,617	510	3,127	259,750	75,783	335,533	672	493
1935	2,606	518	3,124	256,564	78,014	334,578	686	497
1936	2,600	520	3,120	250,070	79,793	329,863	670	532
1937	2,589	520	3,109	234,228	78,903	313,131	728	514
1938	2,591	516	3,107	227,233	80,161	307,394	888	508
1939	2,585	514	3,099	221,219	80,655	301,874	857	596
1940	2,569	518	3,087	217,941	81,377	299,318	979	482

VICTORIA—FRIENDLY SOCIETIES ; OLD-AGE AND INVALID PENSIONS.

Year.	Friendly Societies.*				Old-age and Invalid Pensions.†		
	Number of Branches.	Average Number of Members.	Receipts.	Funds at end of Year.	Old-age.	Invalid.	Amounts Expended.
			£	£			
1860 ..	61	5,028	20,084	26,421	..	..	..
1870 ..	592	34,224	117,295	186,384	..	..	..
1880 ..	748	45,876	171,987	450,719	..	..	..
1890 ..	1,003	86,450	322,747	909,504	..	..	..
1900 ..	1,132	96,802	372,631	1,318,165	..	..	..
1910 ..	1,475	139,308	534,616	2,122,602	20,218	..	470,656
1915 ..	1,533	158,746	634,649	2,775,787	28,365	6,054	839,718
1916 ..	1,522	157,819	672,650	2,912,178	28,446	6,869	908,159
1917 ..	1,516	158,035	653,055	3,017,503	29,064	7,921	1,070,386
1918 ..	1,496	153,870	658,435	3,073,083	29,159	8,901	1,168,498
1919 ..	1,489	146,919	664,526	3,056,666	29,179	9,337	1,199,787
1920 ..	1,475	143,651	681,232	3,173,678	29,565	10,277	1,348,100
1921 ..	1,464	143,421	763,031	3,375,050	30,385	11,174	1,533,430
1922 ..	1,467	145,254	790,788	3,549,798	30,958	11,444	1,581,898
1923 ..	1,469†	150,264†	1,193,550†	3,838,052†	31,248	11,707	1,589,362
1924 ..					32,603	12,220	1,968,878
1924-25	1,470	154,609	800,028	4,065,808	33,845	12,950	2,051,151
1925-26	1,467	156,599	820,550	4,280,400	36,800	14,062	2,382,819
1926-27	1,473	159,115	907,025	4,513,972	38,702	15,327	2,688,366
1927-28	1,481	161,130	951,700	4,758,383	40,642	16,398	2,917,180
1928-29	1,484	163,079	1,051,104	4,934,020	42,795	17,557	3,004,907
1929-30	1,471	164,603	885,246 §	5,120,417	45,495	18,641	3,182,375
1930-31	1,469	163,124	879,325 §	5,291,238	49,999	19,925	3,445,803
1931-32	1,473	160,184	856,884 §	5,411,154	52,795	20,785	3,255,709
1932-33	1,443	158,718	826,183 §	5,486,050	49,449	20,191	3,059,773
1933-34	1,449	159,666	842,114 §	5,589,769	57,253	15,193	3,053,247
1934-35	1,444	163,734	881,030 §	5,704,060	58,059	17,253	3,213,895
1935-36	1,449	169,235	924,084 §	5,848,236	60,548	17,741	3,463,701
1936-37	1,459	176,434	948,685 §	5,979,548	62,755	18,282	3,750,068
1937-38	1,478	184,342	1,018,606 §	6,163,347	65,203	18,817	4,218,918
1938-39	1,477	188,186	1,030,498 §	6,305,458	67,896	19,471	4,307,432
1939-40	1,475	189,597	1,048,857 §	6,460,387	76,081	12,739	4,413,702
1940-41	1,471	193,883	1,082,004 §	6,626,562	76,371	12,447	4,588,266

\* The figures prior to 1880 do not represent particulars of all the Friendly Societies in the State, but only of such as furnished returns. For that year and subsequent years the returns are complete.

† Old-age pensions were first granted in Victoria on 18th January, 1901, and the Commonwealth Government took over the administration on 1st July, 1909. The figures relate to the financial year ended 30th June.

‡ The figures for 1923-24 relate to a period of eighteen months ended 30th June, 1924.

§ Excluding inter-fund transfers. In years previous to 1929-30 such transfers were not excluded.

## VICTORIA—CRIME (ARREST CASES ONLY).

Year.	Number.						
	Taken into Custody.*	Summarily Disposed of by Magistrates.		Committed for Trial.	Distinct Persons Convicted after Commitment.	Executed.	
		Convicted.	Discharged.				
1860	..	29,030	†	†	1,329	796	3
1870	..	22,527	14,662	6,957	908	573	5
1880	..	22,843	15,045	7,118	680	398	1
1890	..	37,330	23,609	12,601	1,129	662	..
1900	..	26,104	17,177	8,352	575	374	1
1910	..	19,070	11,655	6,912	503	354	..
1915	..	20,276	11,742	7,973	561	391	..
1916	..	17,599	10,494	6,596	509	343	2
1917	..	12,689	7,627	4,622	440	276	..
1918	..	10,346	6,087	3,919	340	209	2
1919	..	11,993	7,094	4,393	506	307	..
1920	..	14,582	9,010	4,813	759	442	..
1921	..	15,249	9,631	4,903	715	483	..
1922	..	16,163	10,466	5,013	684	434	1
1923	..	17,223	11,207	5,446	570	361	..
1924	..	17,786	11,628	5,644	514	347	1
1925	..	17,922	11,839	5,435	648	451	..
1926	..	18,853	12,642	5,492	719	436	..
1927	..	19,507	13,181	5,579	747	458	..
1928	..	18,559	12,483	5,385	691	498	..
1929	..	18,637	12,340	5,387	910	609	..
1930	..	17,295	12,511	3,899	885	683	..
1931	..	16,191	11,771	3,405	1,015	678	..
1932	..	16,464	12,627	2,896	941	628	1
1933	..	19,874	14,900	3,695	1,279	594	..
1934	..	18,289	13,282	3,571	1,436	550	..
1935	..	19,944	15,452	3,026	1,466	596	..
1936	..	21,016	17,775†	1,851†	1,390	533	2
1937	..	20,604	17,104†	2,070†	1,430	565	..
1938	..	23,185	18,900†	2,394†	1,891	642	..
1939	..	23,490	19,244†	2,567	1,679	690	2
1940	..	23,072	19,205†	2,461	1,406	651	..

\* The figures for the years prior to 1900 and those for 1933 and subsequent years represent the number of offences with which persons arrested were charged; particulars for the years 1900 to 1932 represent distinct arrests.

† Information not available.

‡ See footnote on page 55.

VICTORIA—MINERAL PRODUCTION.

Year.	Gold Produced.		Black Coal Produced.		Other Minerals (excluding Salt).	Total.
	Estimated Quantity.	Value.	Quantity.	Value.	Value.	Value.
	oz. gross.	£	tons.	£	£	£
1870	1,304,304	5,217,216	100	100	24,421	5,241,737
1880	829,121	3,316,484	..	..	30,936	3,347,420
1890	588,560	2,354,240	14,601	13,899	16,311	2,384,450
1900	807,407	3,229,628	211,596	101,599	49,017*	3,380,244
	oz. fine.					
1910	570,383	2,422,745	369,059	188,977	139,434	2,751,156
1911	504,000	2,140,855	653,864	298,829	178,107	2,617,791
1912	480,131	2,039,464	589,143	253,455	201,796	2,499,715
1913	434,932	1,847,475	593,912	274,371	222,898	2,344,744
1914	413,218	1,755,236	617,536	288,535	235,238	2,279,009
1915	329,068	1,397,793	588,104	274,770	282,884	1,955,447
1916	256,643	1,090,194	417,183	216,292	229,901	1,536,387
1917	201,872	857,500	466,220	335,259	307,473	1,500,232
1918	158,827	674,655	439,575	349,696	317,971	1,342,322
1919	135,427	575,260	423,946	372,075	382,791	1,330,126
1920	152,792	648,969	442,241	464,739	493,937	1,607,645
1921	104,512	443,938	514,859	603,323	495,893	1,543,154
1922	106,872	453,962	559,284	664,251	547,668	1,665,881
1923	95,403	405,245	476,823	525,270	601,912	1,532,427
1924	67,167	285,316	518,315	569,555	613,784	1,468,655
1925	47,296	200,958	534,246	596,117	791,698	1,588,673
1926	49,078	208,471	591,001	657,798	915,277	1,781,546
1927	38,538	163,699	684,245	762,530	900,649	1,826,875
1928	33,917	144,068	658,323	953,199	830,742	1,928,009
1929	26,275	111,609	703,828	1,050,878	820,966	1,983,453
1930	24,119	102,456	703,487	1,039,263	505,834	1,647,553
1931	43,637	262,488	571,342	545,589	472,902	1,280,979
1932	47,745	351,586	432,353	417,219	571,407	1,340,212
1933	58,183	448,228	523,000	492,141	609,559	1,549,928
1934	70,196	597,040	356,958	329,937	653,890	1,580,867
1935	87,609	768,401	476,495	435,128	902,805	2,106,334
1936	117,596	1,018,670	426,725	390,743	1,038,849	2,448,262
1937	145,799	1,266,507	257,945	254,126	1,038,247	2,558,880
1938	144,243	1,273,351	307,258	286,679	1,064,246	2,624,276
1939	156,522	1,533,899	364,895	364,895	1,156,035	2,949,748
1940	180,567	1,924,396	267,694	230,452	1,192,194	3,347,042
1941	149,769	1,600,016	†	†	†	†

\* Since 1900 the production of stone quarries has been included in the value of mineral production; previously it was included in the output of manufacturing industries.

† Not available.

## VICTORIA—AGRICULTURE.

Year.	Total Area Cultivated.	Area under each Description of Cultivation.					
		Wheat	Oats.	Barley.	Malze.	Rye.	Peas and Beans.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1850-51	52,341	28,510	5,008	2,102	24	..	..
1860-61	407,740	161,252	86,337	4,123	1,650	112	662
1870-71	762,031	284,167	149,309	19,646	1,014	1,168	4,366
1880-81	1,742,949	977,285	134,089	68,630	1,769	1,569	23,378
1890-91	2,417,527	1,145,163	221,048	87,751	10,357	948	25,992
1900-01	3,717,002	2,017,321	362,689	58,853	9,389	823	7,812
1910-11	5,386,247	2,398,089	392,681	52,687	20,151	2,640	11,068
1911-12	5,109,849	2,164,066	302,238	53,541	18,223	1,098	11,535
1912-13	5,706,579	2,085,216	439,242	71,631	19,986	1,428	11,875
1913-14	6,129,893	2,565,861	442,060	83,351	17,962	1,779	12,630
1914-15	5,969,304	2,863,535	434,815	62,492	19,433	1,955	12,944
1915-16	7,069,608	3,679,971	353,932	61,400	22,258	3,137	8,563
1916-17	6,750,894	3,125,692	441,598	93,015	23,076	3,481	9,956
1917-18	5,782,954	2,690,216	293,214	84,931	20,987	1,597	11,899
1918-19	5,491,020	2,214,490	342,867	100,198	22,559	982	12,398
1919-20	5,358,351	1,918,269	559,547	85,323	23,474	784	9,655
1920-21	6,425,250	2,295,865	443,636	93,954	24,149	1,717	7,655
1921-22	6,583,276	2,611,198	318,681	100,127	23,227	1,320	9,423
1922-23	7,049,429	2,644,314	492,356	102,773	25,846	1,291	12,287
1923-24	6,976,441	2,454,117	520,654	56,564	29,104	899	12,195
1924-25	6,976,664	2,705,323	517,229	63,764	23,126	1,029	12,787
1925-26	6,890,628	2,513,494	437,696	103,395	21,913	978	15,055
1926-27	7,304,194	2,915,315	303,424	88,896	20,046	864	791
1927-28	7,634,302	3,064,172	529,392	76,768	17,645	791	11,476
1928-29	8,189,113	3,718,904	347,021	75,451	16,077	711	12,176
1929-30	8,061,920	3,566,135	630,234	97,678	16,077	854	8,038
1930-31	9,306,289	4,600,200	371,024	87,518	16,227	959	10,253
1931-32	7,552,928	3,565,872	439,626	66,381	15,714	754	9,311
1932-33	7,749,032	3,230,955	368,846	93,555	16,425	1,480	9,446
1933-34	7,809,956	3,062,931	525,976	106,339	19,538	1,114	12,509
1934-35	6,894,147	2,458,583	506,638	87,599	18,727	1,325	15,364
1935-36	6,797,538	2,323,753	505,623	116,371	20,377	1,117	9,386
1936-37	6,890,475	2,393,827	381,069	100,003	20,115	1,185	8,285
1937-38	7,266,910	2,686,057	394,436	139,777	20,879	1,051	7,780
1938-39	7,562,524	2,748,362	657,999	175,891	18,485	1,109	8,294
1939-40	7,379,767	2,827,417	439,555	204,239	18,963	1,728	5,669
1940-41	6,354,609	2,672,728	559,200	187,649	15,382	1,888	6,819
1941-42	..	2,757,080	421,942	204,279	..	..	9,667

VICTORIA—AGRICULTURE—continued.

Year.	Area under each Description of Cultivation.						
	Potatoes.	Mangel-wurzel.	Beet, Carrots, Parsnips, and Turnips.	Onions.	Hay.	Green Forage.	Chicory.
	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1850-51	2,838	..	..	..	13,567	130	..
1860-61	24,841	1,029	1,229	..	90,921	6,021	..
1870-71	39,026	957	1,886	287	163,181	6,868	220
1880-81	45,951	1,284	808	1,056	249,656	9,617	230
1890-91	53,818	892	708	2,238	413,052	10,091	258
1900-01	38,477	636	507	2,815	502,105	18,975	184
1910-11	62,904	1,254	872	6,161	832,669	71,826	467
1911-12	47,692	797	658	3,652	860,205	75,177	399
1912-13	47,575	1,121	627	4,977	1,203,728	84,460	506
1913-14	74,574	952	470	6,121	977,684	98,963	531
1914-15	65,495	893	563	8,937	895,755	139,654	595
1915-16	56,910	1,091	758	9,294	1,330,455	60,426	805
1916-17	73,618	860	524	6,324	897,186	49,667	658
1917-18	66,966	690	500	5,134	748,808	55,903	664
1918-19	51,620	581	407	5,512	984,479	73,641	536
1919-20	53,918	547	460	6,863	1,116,998	89,802	295
1920-21	62,687	524	410	8,000	1,333,397	79,524	392
1921-22	63,895	560	401	6,158	1,159,135	89,410	615
1922-23	61,741	684	433	6,954	1,261,408	102,451	739
1923-24	59,306	854	538	4,714	1,277,606	107,371	608
1924-25	61,295	736	238	4,504	1,120,312	99,531	309
1925-26	63,369	1,046	624	5,379	1,013,613	107,873	528
1926-27	66,185	690	286	8,471	1,080,993	87,241	540
1927-28	77,649	568	207	7,659	908,804	94,895	576
1928-29	68,412	429	243	7,673	1,005,063	107,351	589
1929-30	58,789	486	243	7,828	865,015	169,253	469
1930-31	67,590	360	248	6,286	1,277,398	126,347	344
1931-32	69,929	416	193	5,306	955,839	119,006	434
1932-33	69,783	381	264	7,109	1,044,523	107,732	442
1933-34	60,856	554	269	6,785	1,196,259	121,737	405
1934-35	54,214	599	556	5,928	1,261,552	115,037	429
1935-36	44,287	651	272	5,441	1,140,361	111,056	480
1936-37	45,627	758	562	5,969	1,181,612	102,744	492
1937-38	41,105	532	454	6,036	1,079,039	121,839	294
1938-39	34,396	376	817	4,898	1,104,558	108,796	314
1939-40	32,177	430	727	4,503	1,204,810	91,441	334
1940-41	44,195	485	826	5,004	672,955	130,738	477
1941-42	..	..	..	..	1,007,979	..	..

## VICTORIA—AGRICULTURE—continued.

Year.	Area under each Description of Cultivation.							Sown Pastures.
	Grass and Clover Seeds.	Hops.	To-bacco.	Vines.	Other Crops.	Gardens and Orchards.	Land in Fallow.	
	acres.	acres.	acres.	acres.	acres.	acres.	acres.	acres.
1850-51	..	..	..	162	..	..	..	..
1860-61	..	..	91	1,138	579	7,298	20,457	11,640
1870-71	242	64	93	5,466	24	14,856	69,191	146,984
1880-81	2,817	428	1,990	4,980	984	22,288	194,140	254,994
1890-91	2,587	789	618	20,686	1,095	33,864	385,572	235,241
1900-01	2,235	401	109	3,634	2,671	57,496	602,870	207,896
1910-11	1,295	121	329	23,412	5,291	68,153	1,434,177	991,195
1911-12	1,188	122	356	24,193	4,785	70,316	1,469,608	1,041,772
1912-13	2,429	131	138	24,579	6,084	73,623	1,627,223	1,085,346
1913-14	1,452	117	284	22,435	6,135	77,960	1,738,572	1,094,566
1914-15	149	15	196	21,801	6,195	87,237	1,346,545	1,202,130
1915-16	2,435	107	160	22,353	5,711	91,499	1,358,343	1,182,995
1916-17	1,769	87	73	23,264	6,654	93,833	1,899,559	1,292,817
1917-18	2,312	64	82	25,236	5,842	95,180	1,672,729	1,268,310
1918-19	2,152	71	167	26,072	7,443	96,724	1,548,121	1,269,493
1919-20	1,235	72	406	27,441	6,757	98,969	1,357,536	1,062,244
1920-21	1,872	93	95	29,255	6,309	99,969	1,935,747	1,051,290
1921-22	1,800	104	604	33,175	6,684	103,795	2,052,964	1,032,104
1922-23	1,468	194	890	38,892	7,705	100,122	2,186,881	957,454
1923-24	1,306	224	1,047	42,599	10,656	101,782	2,294,297	938,547
1924-25	1,424	269	1,228	42,467	5,845	99,978	2,215,270	843,095
1925-26	1,290	312	1,179	40,712	5,762	99,274	2,457,136	820,337
1926-27	854	196	1,154	41,162	6,414	100,966	2,569,021	952,239
1927-28	758	294	1,176	40,988	7,359	100,381	2,692,044	1,005,513
1928-29	1,486	281	1,317	41,565	7,088	97,952	2,683,462	1,154,718
1929-30	1,670	201	1,822	40,594	8,064	102,030	2,482,662	1,141,157
1930-31	2,000	185	2,650	38,720	8,606	99,687	2,590,629	1,234,612
1931-32	3,278	167	12,191	38,215	7,722	96,620	2,145,819	1,412,846
1932-33	5,502	151	13,418	39,144	8,104	95,422	2,633,287	1,514,582
1933-34	3,529	159	8,900	40,485	8,758	96,955	2,543,043	1,620,870
1934-35	5,840	112	4,765	41,180	8,231	96,982	2,216,464	1,909,443
1935-36	8,222	123	5,840	41,081	9,000	96,421	2,358,777	2,252,541
1936-37	9,406	142	5,492	41,895	11,084	97,550	2,483,163	2,466,887
1937-38	9,358	142	4,736	41,883	11,556	94,886	2,604,556	2,815,770
1938-39	7,534	135	2,559	42,436	12,606	92,359	2,543,225	3,083,878
1939-40	17,452	173	2,018	42,594	12,253	94,729	2,377,405	3,460,191
1940-41	5,842	193	1,926	43,238	22,887	91,911	1,887,418	3,619,335
1941-42	..	..	..	..	..	..	2,101,360	..

VICTORIA—AGRICULTURE—continued.

Year.	Produce.						
	Wheat.	Oats.	Barley.	Maize.	Rye.	Peas and Beans.	Potatoes.
	bushels.	bushels.	bushels.	bushels.	bushels.	bushels.	tons.
<b>1850-51</b>	556,167	99,535	40,144	4	..	..	5,613
<b>1860-61</b>	3,459,914	2,633,693	83,854	25,045	1,720	11,973	77,258
<b>1870-71</b>	2,870,409	2,237,010	240,825	20,028	14,856	73,449	127,579
<b>1880-81</b>	9,727,369	2,362,425	1,068,830	49,299	13,978	403,321	129,262
<b>1890-91</b>	12,751,295	4,919,325	1,571,599	574,083	17,583	739,310	204,155
<b>1900-01</b>	17,847,321	9,582,332	1,215,478	604,180	11,989	146,357	123,126
<b>1910-11</b>	34,813,019	9,699,127	1,340,387	982,103	32,647	223,284	163,312
<b>1911-12</b>	20,891,877	4,585,326	1,024,584	792,660	9,981	181,113	119,092
<b>1912-13</b>	26,223,104	8,323,639	1,744,527	715,299	17,141	232,856	191,112
<b>1913-14</b>	32,936,245	8,890,321	1,812,890	800,529	19,029	226,564	176,602
<b>1914-15</b>	3,940,947	1,608,419	600,599	1,018,419	13,415	124,612	189,225
<b>1915-16</b>	58,521,706	9,328,894	1,734,511	999,886	42,857	151,508	173,821
<b>1916-17</b>	51,162,438	8,289,289	1,799,784	1,172,330	42,953	162,951	187,992
<b>1917-18</b>	37,737,552	6,141,287	1,970,650	1,152,787	17,021	213,840	182,195
<b>1918-19</b>	25,239,871	5,274,984	2,028,635	711,679	7,428	160,419	137,533
<b>1919-20</b>	14,858,380	6,603,067	1,528,654	878,922	8,547	128,639	145,888
<b>1920-21</b>	39,468,625	10,907,191	2,495,762	1,065,880	21,359	146,150	171,628
<b>1921-22</b>	43,867,596	6,082,258	2,336,248	951,960	14,442	182,579	173,660
<b>1922-23</b>	35,697,220	8,093,459	2,442,041	879,915	15,718	238,552	148,354
<b>1923-24</b>	37,795,704	9,366,205	1,455,435	1,464,731	11,151	253,908	238,520
<b>1924-25</b>	47,364,495	9,572,003	1,444,823	891,987	13,000	274,391	139,043
<b>1925-26</b>	29,255,534	4,998,165	1,774,963	768,761	10,788	185,551	160,729
<b>1926-27</b>	46,886,020	4,884,006	1,920,722	685,407	10,443	217,151	162,909
<b>1927-28</b>	26,160,814	4,682,724	1,552,109	757,780	11,122	160,515	230,348
<b>1928-29</b>	46,818,833	5,602,409	1,556,118	679,810	10,994	125,960	140,158
<b>1929-30</b>	25,412,587	5,058,541	2,183,325	533,719	11,068	211,499	171,747
<b>1930-31</b>	53,814,369	6,893,827	1,983,130	692,896	10,199	171,937	173,341
<b>1931-32</b>	41,955,856	6,450,281	1,256,678	611,902	7,966	142,910	206,489
<b>1932-33</b>	47,843,129	6,363,853	1,995,446	477,145	16,360	190,703	182,471
<b>1933-34</b>	42,613,106	6,778,754	1,888,981	644,033	14,314	232,632	142,132
<b>1934-35</b>	25,850,528	5,248,787	1,609,518	719,360	14,190	145,817	109,329
<b>1935-36</b>	37,552,062	6,365,056	2,314,427	638,643	9,733	133,509	104,125
<b>1936-37</b>	42,844,816	6,107,885	2,143,109	794,506	10,388	165,736	196,623
<b>1937-38</b>	48,173,191	5,327,199	2,708,519	783,835	10,291	138,537	134,712
<b>1938-39</b>	18,104,369	2,909,260	1,671,809	416,578	4,735	46,751	81,415
<b>1939-40</b>	45,054,592	8,280,602	3,738,113	380,698	14,158	125,724	87,931
<b>1940-41</b>	13,521,422	2,624,298	1,186,979	702,956	13,070	131,029	216,568
<b>1941-42</b>	46,953,840	8,149,277	4,792,040	..	..	..	..

## VICTORIA—AGRICULTURE—continued.

Year.	Produce.							
	Mangel- wurzel.	Beet, Carrots, Parsnips, and Turnips.	Onions.	Hay.	Chi- cory.	Grass and Clover Seeds.	Hops.	To- bacco.
	tons.	tons.	tons.	tons.	tons.	bushels.	cwt.	cwt.
<b>1850-51</b>	..	..	..	20,971	..	..	..	..
<b>1860-61</b>	13,446	6,405	1,369	144,211	..	..	..	1,257
<b>1870-71</b>	10,521	10,363	1,645	183,708	1,349	2,652	318	467
<b>1880-81</b>	12,640	4,335	4,979	300,581	960	26,320	2,744	17,333
<b>1890-91</b>	14,676	8,556	13,961	567,779	1,859	36,415	7,931	326
<b>1900-01</b>	7,670	4,514	12,766	677,757	233	35,084	2,741	311
<b>1910-11</b>	17,654	7,481	37,484	1,292,410	432	16,262	737	1,090
<b>1911-12</b>	9,568	4,953	20,911	1,032,288	333	9,503	777	3,686
<b>1912-13</b>	14,615	5,628	28,641	1,572,933	500	23,206	1,387	661
<b>1913-14</b>	15,642	3,166	24,755	1,350,374	360	16,349	961	2,037
<b>1914-15</b>	9,921	2,249	31,528	568,956	380	1,100	903	1,192
<b>1915-16</b>	13,067	4,938	37,587	2,341,094	595	24,087	855	596
<b>1916-17</b>	10,307	2,025	28,163	1,232,721	515	13,174	975	410
<b>1917-18</b>	7,826	2,809	21,745	949,545	518	22,059	838	526
<b>1918-19</b>	9,818	2,412	24,211	1,113,861	485	15,443	522	1,825
<b>1919-20</b>	6,388	2,121	27,032	1,242,489	148	8,625	691	2,669
<b>1920-21</b>	6,742	2,289	42,985	1,984,854	310	11,555	1,199	908
<b>1921-22</b>	7,768	2,134	31,586	1,548,453	468	12,226	1,812	3,735
<b>1922-23</b>	8,120	1,878	44,409	1,665,089	640	7,859	2,071	4,151
<b>1923-24</b>	13,569	4,222	31,683	1,541,287	690	6,466	2,481	1,165
<b>1924-25</b>	10,022	1,847	26,555	1,492,588	314	8,597	4,240	3,199
<b>1925-26</b>	10,333	2,758	21,728	929,068	430	7,330	3,934	7,871
<b>1926-27</b>	6,715	1,994	43,928	1,387,971	257	5,876	1,169	3,454
<b>1927-28</b>	9,451	1,629	32,936	1,001,241	646	4,852	3,843	9,055
<b>1928-29</b>	5,301	2,079	29,700	1,267,437	353	20,844	3,676	9,375
<b>1929-30</b>	5,539	1,798	43,646	963,089	319	25,696	3,713	11,353
<b>1930-31</b>	5,167	3,003	41,193	1,605,900	358	28,744	2,660	11,335
<b>1931-32</b>	5,067	2,179	17,946	1,069,276	368	31,442	1,892	59,451
<b>1932-33</b>	3,836	2,128	41,013	1,386,028	356	59,124	2,547	36,371
<b>1933-34</b>	9,154	2,440	46,068	1,353,796	372	30,285	3,071	13,132
<b>1934-35</b>	10,126	1,531	36,187	1,464,264	460	53,214	2,042	13,405
<b>1935-36</b>	7,164	1,147	26,143	1,346,953	412	74,158	2,080	25,706
<b>1936-37</b>	8,775	3,942	46,130	1,403,049	625	108,791	2,450	15,658
<b>1937-38</b>	7,277	3,148	45,583	1,244,935	352	72,397	1,405	20,860
<b>1938-39</b>	3,537	2,093	10,404	892,975	202	35,217	742	6,432
<b>1939-40</b>	4,861	3,270	27,400	1,820,878	414	167,373	1,740	9,805
<b>1940-41</b>	6,572	4,651	25,004	580,237	777	46,963	2,064	10,689
<b>1941-42</b>	..	..	..	1,443,505	..	..	..	..

VICTORIA—AGRICULTURE—continued.

Year.	Produce from Vines.					
	Grapes not made into Wine.	Grapes made into Wine.	Wine.	Raisins.		Currants.
				Lexias.	Sultanas.	
	cwt.	cwt.	gallons.	cwt.	cwt.	cwt.
1850-51	..	..	4,621	..	..	..
1860-61	7,979	..	12,129	..	..	..
1870-71	26,296	98,642	629,219	..	..	..
1880-81	24,817	79,045	484,028	..	..	..
1890-91	63,535	293,775	2,008,493	1,105	..	30
1900-01	235,268	396,644	2,578,187	27,533	..	2,546
1910-11	397,808	194,630	1,362,420	29,878	49,440	26,394
1911-12	542,761	140,489	983,423	42,102	60,882	46,789
1912-13	564,991	168,588	1,206,111	34,945	74,732	48,337
1913-14	675,388	161,105	1,131,491	41,146	79,157	62,098
1914-15	528,468	92,408	605,636	23,789	87,219	28,527
1915-16	898,991	185,775	1,380,367	45,800	134,304	70,556
1916-17	827,967	185,230	1,302,660	39,849	103,121	66,449
1917-18	623,935	135,635	800,068	31,393	73,518	53,799
1918-19	804,124	215,255	1,349,309	39,965	95,095	68,234
1919-20	1,071,319	253,118	1,634,680	54,470	156,837	55,661
1920-21	717,069	355,698	2,222,305	33,150	83,737	62,919
1921-22	1,101,880	212,959	1,335,066	49,080	141,317	75,042
1922-23	1,607,502	272,462	1,717,490	67,850	217,670	98,081
1923-24	2,320,800	386,929	2,177,127	71,993	366,834	150,867
1924-25	1,925,959	216,390	1,368,765	70,695	296,304	104,948
1925-26	1,973,258	280,626	1,637,274	54,021	297,485	123,733
1926-27	3,169,722	417,502	2,346,314	75,296	582,418	135,464
1927-28	1,964,403	311,367	2,353,890	75,672	326,649	73,101
1928-29	3,841,828	275,929	1,942,701	94,520	676,599	189,985
1929-30	3,849,105	191,125	1,363,575	95,255	688,399	178,226
1930-31	2,451,067	188,835	1,254,615	84,210	363,336	156,689
1931-32	2,996,854	218,977	1,530,061	65,151	528,893	156,651
1932-33	3,971,322	229,056	1,610,649	92,744	758,617	156,291
1933-34	3,366,740	212,305	1,691,391	86,655	592,581	149,519
1934-35	3,067,405	172,255	1,276,176	78,532	514,209	176,023
1935-36	3,251,018	212,184	1,683,049	92,481	617,237	88,414
1936-37	3,660,843	242,587	1,818,917	90,243	655,090	152,202
1937-38	4,698,443	198,814	1,433,637	106,501	863,579	178,960
1938-39	3,595,914	111,869	825,056	102,016	571,156	206,022
1939-40	4,713,755	156,236	1,126,350	108,403	838,149	212,841
1940-41	3,911,993	154,350	1,208,452	115,137	711,700	132,580

## VICTORIA—PASTORAL AND DAIRY PRODUCTS.

Year.	Wool (greasy).	Bacon and Hams Cured.	Cheese made.	Butter made.
	lb.	lb.	lb.	lb.
1891 ..	*	*	3,311,012	16,703,786
1900 ..	*	13,204,547	4,284,170	55,604,118
1910 ..	101,803,644	16,581,361	4,530,893	70,603,787
1911 ..	110,463,041	19,617,212	4,549,843	86,500,474
1912 ..	88,762,612	20,094,206	4,176,778	67,655,934
1913 ..	106,833,690	19,340,878	4,856,321	73,381,567
1914 ..	95,406,867	18,861,755	4,395,502	62,421,288
1915 ..	82,330,198	13,705,004	3,497,278	42,345,113
1916-17 ..	94,845,024	18,146,328	5,869,562	59,568,771
1917-18 ..	105,424,682	21,324,846	5,285,003	64,405,711
1918-19 ..	126,647,061	22,212,395	6,055,964	66,240,403
1919-20 ..	132,847,167	19,385,509	7,735,023	60,218,945
1920-21 ..	90,250,971	15,139,100	3,636,571	64,938,458
1921-22 ..	103,512,777	17,396,798	5,675,909	82,981,570
1922-23 ..	102,467,950	19,269,124	3,754,958	84,355,939
1923-24 ..	82,513,361	22,540,974	7,216,938	86,888,723
1924-25 ..	106,787,897	21,993,869	6,193,135	100,849,382
1925-26 ..	112,260,814	21,213,925	5,279,009	81,747,291
1926-27 ..	121,299,621	20,952,310	5,997,648	81,995,815
1927-28 ..	118,803,036	20,605,148	5,621,945	84,270,812
1928-29 ..	149,878,588	19,401,447	5,505,932	93,728,516
1929-30 ..	146,056,889	18,888,537	6,953,949	90,639,652
1930-31 ..	133,511,466	18,232,219	8,064,463	110,006,619
1931-32 ..	145,201,743	18,287,404	7,723,328	132,131,802
1932-33 ..	158,512,193	18,101,958	9,189,018	144,564,666
1933-34 ..	150,170,125	17,735,453	8,363,233	134,942,177
1934-35 ..	150,945,884	16,334,018	10,095,139	147,651,179
1935-36 ..	163,397,896	18,165,168	10,973,804	148,132,507
1936-37 ..	163,048,510	17,571,792	13,350,124	154,769,391
1937-38 ..	178,890,131	16,696,404	16,466,038	141,321,445
1938-39 ..	165,829,182	16,510,137	19,348,519	130,573,918
1939-40 ..	179,125,526	17,886,305	24,495,121	164,826,094
1940-41 ..	187,831,364	20,039,929	18,376,904	156,345,602

\* Not available.

VICTORIA—AGRICULTURAL PRODUCTION.

Year.	Value of Agricultural Production.						
	Wheat.	Oats.	Barley.	Maize.	Hay.	Potatoes.	Onions.
	£	£	£	£	£	£	£
1904-05	3,119,878	465,257	123,423	79,967	861,479	417,150	116,721
1905-06	3,366,290	678,040	182,828	88,167	1,641,936	597,426	133,638
1906-07	3,109,980	810,851	205,832	70,496	1,681,768	333,678	79,800
1907-08	2,443,906	791,162	241,507	87,973	3,023,128	383,145	108,155
1908-09	4,405,303	989,844	253,309	116,402	3,256,308	411,840	138,408
1909-10	5,501,605	777,547	165,181	119,725	2,432,840	517,775	98,325
1910-11	5,512,060	909,295	227,382	96,166	2,455,560	534,615	63,723
1911-12	3,547,266	663,916	261,443	147,357	3,200,109	614,540	177,744
1912-13	4,343,202	953,750	332,430	119,305	4,010,979	678,448	176,142
1913-14	5,352,141	777,903	236,804	121,234	2,565,740	573,227	138,257
1914-15	1,391,647	397,078	161,899	234,597	4,181,827	800,269	167,098
1915-16	10,972,820	942,607	294,597	191,645	4,098,664	1,017,563	105,244
1916-17	10,232,488	828,929	299,481	163,638	2,033,990	550,086	118,423
1917-18	7,547,510	965,973	373,379	243,766	2,801,158	519,605	141,343
1918-19	5,994,469	1,175,882	461,056	190,522	4,622,523	1,079,496	236,451
1919-20	5,726,667	1,848,903	477,573	336,920	8,304,475	1,328,640	274,375
1920-21	14,307,377	1,295,229	447,352	186,529	5,259,863	586,458	131,104
1921-22	10,509,945	931,346	401,600	194,358	4,413,091	555,111	157,930
1922-23	8,031,875	1,416,355	436,237	205,314	6,327,338	1,040,662	139,888
1923-24	8,189,069	1,455,331	262,210	253,276	5,229,162	701,229	215,444
1924-25	11,993,546	934,538	354,006	137,948	3,639,496	682,878	209,803
1925-26	6,665,150	684,320	290,166	172,825	3,497,253	1,309,470	267,793
1926-27	9,546,812	653,291	295,739	152,055	4,719,925	671,673	110,839
1927-28	4,724,369	688,804	297,327	121,368	3,683,272	388,537	188,186
1928-29	8,364,675	627,521	222,504	136,067	3,502,862	1,189,349	187,233
1929-30	3,559,063	554,547	300,202	112,686	2,998,282	691,273	74,704
1930-31	4,478,732	426,936	168,787	95,634	2,649,735	335,910	61,447
1931-32	5,742,409	467,591	144,911	103,417	2,232,114	587,356	187,384
1932-33	5,411,525	431,991	186,814	92,157	2,841,357	541,519	88,177
1933-34	5,241,554	578,994	184,297	91,405	3,192,702	538,677	113,176
1934-35	4,119,773	468,622	184,545	131,945	3,145,257	670,872	191,540
1935-36	6,560,446	544,655	259,568	137,684	2,963,105	578,870	167,063
1936-37	10,161,533	672,456	393,249	189,679	3,712,145	489,632	223,446
1937-38	7,859,971	743,829	421,823	165,572	4,979,740	638,268	108,524
1938-39	2,241,991	432,100	224,145	91,506	3,352,862	846,649	174,269
1939-40	6,594,195	608,133	469,638	93,520	3,345,863	725,962	141,795
1940-41	2,355,901	366,028	191,211	117,543	2,030,830	574,383	294,632

VICTORIA—AGRICULTURAL PRODUCTION—*continued.*

Year.	Value of Agricultural Production— <i>continued.</i>						
	Green Forage.	Raisins.	Currants.	Fruit (including Grapes for table consumption).	Market Gardens.	All Other.	Total.
	£	£	£	£	£	£	£
<b>1904-05</b>	74,755	49,526	9,757	405,263	197,600	295,437	6,216,213
<b>1905-06</b>	85,103	89,346	11,952	406,495	183,325	263,875	7,728,421
<b>1906-07</b>	91,255	180,473	21,994	524,962	197,650	267,808	7,576,547
<b>1907-08</b>	149,742	110,248	19,296	458,453	225,550	333,189	8,375,454
<b>1908-09</b>	157,665	102,483	21,472	441,700	231,975	478,577	11,005,286
<b>1909-10</b>	141,465	130,558	49,334	489,738	255,350	417,890	11,097,333
<b>1910-11</b>	179,565	132,262	48,829	586,084	269,450	397,695	11,412,586
<b>1911-12</b>	187,943	195,560	88,899	639,104	258,275	311,535	10,293,691
<b>1912-13</b>	211,150	213,818	60,421	686,029	260,350	373,633	12,429,657
<b>1913-14</b>	247,408	176,026	71,413	803,536	269,425	368,623	11,701,737
<b>1914-15</b>	418,962	181,177	37,085	536,797	323,375	352,819	9,184,630
<b>1915-16</b>	181,278	361,879	123,473	808,802	284,475	382,081	19,765,128
<b>1916-17</b>	149,001	227,448	91,355	633,718	268,650	359,317	15,956,524
<b>1917-18</b>	167,709	197,523	92,803	783,293	284,050	289,061	14,401,173
<b>1918-19</b>	368,205	317,668	139,880	934,677	405,790	435,485	16,362,104
<b>1919-20</b>	449,010	632,936	139,153	1,330,550	442,155	592,688	21,884,045
<b>1920-21</b>	397,620	348,305	157,298	1,090,751	427,035	555,429	25,190,350
<b>1921-22</b>	447,050	570,473	187,605	1,236,707	500,840	432,302	20,538,158
<b>1922-23</b>	512,255	687,367	171,642	1,254,788	493,780	479,255	21,197,026
<b>1923-24</b>	536,855	750,975	285,135	1,249,783	810,600	550,193	20,489,262
<b>1924-25</b>	497,655	791,786	110,099	1,146,825	731,000	471,327	21,700,907
<b>1925-26</b>	539,365	750,417	93,972	1,337,126	830,450	548,071	16,986,378
<b>1926-27</b>	436,205	1,294,263	182,536	1,055,290	887,550	560,944	20,567,122
<b>1927-28</b>	474,475	699,341	152,171	1,281,297	949,200	539,106	14,187,453
<b>1928-29</b>	535,755	940,848	273,186	1,152,747	931,500	387,916	18,452,163
<b>1929-30</b>	846,265	894,187	186,406	967,861	1,060,500	439,015	12,684,991
<b>1930-31</b>	631,735	776,658	194,039	888,425	1,009,850	527,043	12,244,931
<b>1931-32</b>	595,030	1,258,111	252,620	917,846	989,300	1,504,464	15,012,553
<b>1932-33</b>	538,660	1,202,961	224,341	1,258,405	912,450	1,220,910	14,951,267
<b>1933-34</b>	330,633	1,084,717	232,037	866,378	1,000,500	669,922	14,124,992
<b>1934-35</b>	304,786	884,631	226,983	1,035,185	1,036,400	621,213	13,021,752
<b>1935-36</b>	303,025	1,218,509	136,058	1,226,077	1,031,650	736,377	15,863,087
<b>1936-37</b>	285,117	1,344,330	206,938	1,329,346	1,039,500	773,433	20,820,804
<b>1937-38</b>	319,491	1,591,107	211,019	1,438,633	990,950	797,847	20,276,774
<b>1938-39</b>	295,934	1,125,195	268,778	1,408,119	1,052,950	511,569	12,026,067
<b>1939-40</b>	244,253	1,458,300	266,885	1,339,372	1,220,700	707,934	17,216,550
<b>1940-41</b>	339,020	1,538,011	193,363	1,490,522	1,107,750	849,247	11,448,441

NOTE.—The above figures represent values at the place of production. These are obtained by deducting all costs of marketing from the gross values. As seed costs, in addition to marketing charges, were deducted in the years prior to 1930-31, these values are not comparable with those of latter years.

VICTORIA—PASTORAL AND DAIRYING PRODUCTION.

Year.	Value of Pastoral and Dairying Production.								
	Wool.	Horses.	Cattle.	Sheep.	Pigs.	Whole Milk Consumed.*	Butter.	Cheese.	Total.
	£	£	£	£	£	£	£	£	£
1904-05 ..	3,543,810	198,456	1,740,767	1,429,970	380,616	696,972	2,414,695	89,022	10,494,308
1905-06 ..	3,313,550	176,267	2,064,000	1,599,800	331,140	753,510	2,496,580	102,563	10,837,410
1906-07 ..	3,869,000	335,538	2,480,226	1,913,202	325,381	817,317	2,978,860	116,860	12,836,384
1907-08 ..	3,878,431	273,700	2,056,198	1,716,908	424,660	850,126	2,855,305	109,948	12,165,276
1908-09 ..	3,556,168	15,274	298,606	597,880	380,650	845,004	2,388,743	126,252	8,208,577
1909-10 ..	4,044,755	261,268	1,602,858	1,317,320	470,081	891,755	2,493,990	130,670	11,212,697
1910-11 ..	4,318,100	388,556	1,860,888	1,298,740	541,785	1,020,360	3,109,510	105,340	12,643,279
1911-12 ..	4,142,747	520,580	2,344,680	1,558,170	454,815	1,317,484	3,860,100	106,160	14,304,736
1912-13 ..	3,751,083	328,020	1,165,430	709,660	389,350	1,805,320	3,478,640	125,480	11,752,983
1913-14 ..	4,032,954	454,820	2,277,170	1,572,420	678,355	1,694,826	3,341,920	126,670	14,179,135
1914-15 ..	3,410,913	..	1,766,473	1,134,678	735,065	1,821,580	2,998,820	117,210	11,984,739
1915-16 ..	4,066,003	..	226,480	784,575	472,050	2,295,376	2,528,360	129,110	10,501,954
1916-17 ..	5,927,814	262,020	4,774,610	3,928,860	825,450	2,451,170	4,224,420	223,040	22,617,384
1917-18 ..	6,410,077	70,880	5,270,940	3,641,630	1,002,250	2,786,890	4,229,310	197,750	23,609,727
1918-19 ..	7,621,410	97,640	5,383,660	3,288,330	884,280	3,395,040	4,868,670	257,880	25,796,910
1919-20 ..	7,908,010	..	4,856,100	2,782,290	1,139,960	3,973,020	4,945,480	344,210	25,949,070
1920-21 ..	4,729,400	..	5,269,650	1,750,220	1,250,680	4,583,650	7,043,950	189,070	24,816,620

Statistical Summary.

VICTORIA—PASTORAL AND DAIRYING PRODUCTION—*continued.*

Year.	Value of Pastoral and Dairying Production.								
	Wool.	Horses.	Cattle.†	Sheep.†	Pigs.†	Whole Milk Consumed.*	Cream Used for Making Butter.	Milk Used for Making Cheese.	Total.
	£	£	£	£	£	£	£	£	£
1921-22 ..	4,662,750	71,800	3,099,300	1,991,600	1,277,730	4,181,790	5,127,570	203,620	20,616,160
1922-23 ..	6,380,600	..	3,384,270	3,752,260	1,280,040	3,557,530	6,660,600	163,180	25,178,480
1923-24 ..	7,695,000	..	1,413,310	2,600,450	1,507,600	3,816,835	6,491,310	253,795	23,778,300
1924-25 ..	11,440,240	..	3,538,240	4,390,880	1,588,620	3,558,045	6,618,240	204,890	31,339,155
1925-26 ..	7,082,820	..	3,707,000	3,316,660	1,720,740	3,955,010	6,182,120	227,660	26,192,010
1926-27 ..	7,876,683	..	2,330,830	2,585,770	1,343,750	3,979,740	6,233,400	270,620	24,620,793
1927-28 ..	9,701,660	..	3,308,880	3,740,310	1,189,410	4,266,230	6,675,700	244,140	29,126,330
1928-29 ..	10,252,002	..	5,299,000	3,262,707	2,311,959	2,725,272	6,257,929	189,420	30,298,289
1929-30 ..	5,694,019	..	4,892,894	3,054,581	1,856,421	2,591,329	5,875,567	194,216	24,159,027
1930-31 ..	4,374,933	11,051	3,111,614	2,510,845	1,558,396	2,127,171	5,305,327	189,086	19,188,423
1931-32 ..	4,813,663	9,301	2,417,432	1,809,447	1,209,528	1,813,612	5,706,408	171,963	17,951,354
1932-33 ..	4,880,066	7,379	2,516,130	1,210,382	1,312,045	1,744,070	5,988,609	180,806	17,839,487
1933-34 ..	8,735,183	19,270	3,658,574	3,915,441	1,353,565	1,844,946	4,192,361	146,208	23,865,548
1934-35 ..	5,519,469	66,764	3,402,232	4,700,644	1,154,966	2,247,808	5,317,537	201,991	22,611,411
1935-36 ..	8,991,206	47,180	4,392,228	4,613,721	1,781,393	2,447,197	6,433,169	253,857	28,959,951
1936-37 ..	10,618,871	..	4,235,861	5,451,803	2,481,841	2,813,335	6,882,750	319,157	32,803,618
1937-38 ..	8,922,596	8,708	5,169,535	5,442,794	1,487,321	3,146,571	7,340,263	461,248	31,979,036
1938-39 ..	6,677,765	44,596	4,442,251	5,172,214	1,329,009	3,486,168	6,831,850	549,147	28,533,000
1939-40 ..	9,800,303	..	3,862,673	3,787,796	1,347,562	3,227,005	9,017,044	680,560	31,722,943
1940-41 ..	10,380,356	..	4,601,859	4,651,208	2,181,171	3,583,016	8,565,185	517,234	34,480,029

\* Includes milk used for condensing and for other dairy products, except butter and cheese.

† In the year 1927-28 and subsequent years, increases or decreases in the numbers have not been taken into consideration in the valuation of live stock, which is now based on the number slaughtered each year.

NOTE.—In 1928-29 the basis for the valuation of dairy products, which were sold to factories for manufacture into butter, cheese, &c., was altered. Prior to that year values were based on the wholesale selling prices, at the factories, for the goods produced. Since 1928-29 the values given to these dairy products are the prices paid to the primary producers for the milk or cream. All value added by the process of manufacture is credited to manufacturing production.

VICTORIA—LIVE STOCK.

As at March.	Live Stock.				
	Horses.	Cattle.		Sheep.	Pigs.
		Dairy Cows.	All Other.		
	No.	No.	No.	No.	No.
1861 .. ..	76,536	722,332		5,780,896	61,259
1871 .. ..	167,220	197,814	523,282	10,761,887	130,946
1881 .. ..	275,516	329,198	957,069	10,360,285	241,936
1891 .. ..	436,469	395,091	1,387,887	12,692,843	282,457
1901 .. ..	392,237	483,650	1,118,734	10,841,790	350,370
1911 .. ..	472,080	668,777	878,792	12,882,665	333,281
1912 .. ..	507,813	699,555	947,572	13,857,804	348,069
1913 .. ..	530,494	655,939	852,150	11,892,224	240,072
1914 .. ..	562,331	656,080	872,473	12,113,682	221,277
1915 .. ..	552,053	610,517	752,025	12,051,685	243,196
1916 .. ..	493,779	451,088	592,516	10,545,632	192,002
1917 .. ..	514,403	488,086	687,012	12,576,587	254,436
1918 .. ..	514,061	534,388	836,661	14,760,013	323,159
1919 .. ..	523,788	592,079	1,004,465	15,773,902	267,819
1920 .. ..	513,500	623,652	1,007,468	14,422,745	186,810
1921 .. ..	487,503	620,005	955,154	12,171,084	175,275
1922 .. ..	496,124	719,473	1,030,896	12,325,818	230,770
1923 .. ..	494,947	794,898	990,762	11,765,520	294,962
1924 .. ..	486,075	738,149	853,218	11,059,761	259,795
1925 .. ..	473,236	760,207	845,347	12,649,898	288,509
1926 .. ..	463,051	727,940	785,847	13,740,500	339,601
1927 .. ..	447,988	673,089	762,672	14,919,653	284,271
1928 .. ..	428,666	626,139	700,938	15,557,067	212,785
1929 .. ..	412,877	615,092	689,334	16,498,222	222,084
1930 .. ..	393,015	619,416	715,826	17,427,203	265,978
1931 .. ..	379,872	669,132	760,788	16,477,995	281,245
1932 .. ..	375,459	775,538	861,992	16,376,217	286,780
1933 .. ..	372,907	887,996	1,012,926	17,512,394	287,627
1934 .. ..	361,005	910,187	1,092,048	17,195,969	240,530
1935 .. ..	357,877	951,849	1,133,231	16,783,631	265,006
1936 .. ..	356,106	987,676	1,103,570	17,457,291	314,301
1937 .. ..	357,158	968,555	1,037,204	17,663,103	318,673
1938 .. ..	359,106	952,906	927,523	18,863,467	285,259
1939 .. ..	343,828	889,259	808,036	17,007,352	252,462
1940 .. ..	326,217	917,051	870,546	18,251,870	297,655
1941 .. ..	318,441	942,107	980,229	20,412,362	397,945
1942 .. ..	302,401	954,493	1,032,051	20,598,201	285,227

VICTORIA—FISHERIES, 1903–1940.

Year.	Men and Boats Employed.				Victorian Fish Sold in Victorian Markets.			
	Men.	Boats.		Value of Nets and Other Plant.	Fish.		Crayfish.	
		No.	No.		Value.	Quantity.	Value.	Quantity.
			£	£	lb.	£	doz.	£
1903 ..	1,084	671	22,543	10,620	13,076,046	70,252	18,823	6,258
1904 ..	1,089	654	23,428	11,182	12,728,764	67,009	20,560	8,014
1905 ..	1,039	660	23,527	11,073	11,325,439	61,281	20,324	7,753
1906 ..	1,120	693	24,182	9,607	10,861,069	58,585	22,218	9,190
1907 ..	1,153	726	26,555	12,111	11,167,179	60,442	24,889	6,179
1908 ..	1,158	755	26,669	11,652	10,516,683	65,184	27,127	6,726
1909 ..	1,125	780	26,707	11,480	10,968,526	67,698	29,962	7,403
1910 ..	1,088	742	28,614	12,143	10,493,223	64,706	32,059	7,881
1911 ..	1,112	725	32,186	11,625	9,921,366	61,183	34,435	8,492
1912 ..	1,138	721	33,562	12,472	9,951,181	77,899	39,460	11,749
1913 ..	968	717	39,063	12,919	10,185,650	88,918	37,355	11,571
1914 ..	1,051	808	46,266	15,387	9,971,046	91,870	35,487	12,137
1915 ..	942	740	49,144	16,113	9,831,041	101,554	18,461	7,875
1916 ..	953	735	47,734	14,631	9,900,538	108,654	15,071	8,427
1917 ..	992	789	51,192	17,220	10,306,174	121,148	15,305	8,381
1918 ..	981	798	57,898	16,891	11,120,710	149,457	15,160	12,973
1919 ..	1,240	883	65,443	24,269	11,098,240	154,600	18,587	19,060
1920 ..	1,380	873	77,124	32,886	11,764,300	148,250	18,690	16,330

VICTORIA—FISHERIES, 1903-1940—continued.

Year.	Men and Boats Employed.				Victorian Fish Sold in Victorian Markets.			
	Men.	Boats.		Value of Nets and Other Plant.	Fish.		Crayfish.	
		No.	No.		Value.	Quantity.	Value.	Quantity.
			£	£	lb.	£	doz.	£
<b>1921</b> ..	1,279	858	80,429	24,956	11,234,455	135,150	17,830	12,660
<b>1922</b> ..	1,319	870	81,908	24,585	10,002,325	142,966	18,408	16,373
<b>1923</b> ..	1,234	812	79,017	22,904	8,960,809	145,554	17,385	15,101
<b>1924</b> ..	1,267	857	87,250	21,408	10,087,012	144,582	20,827	18,664
<b>1925</b> ..	1,321	891	88,466	22,079	9,509,390	162,606	22,745	24,816
<b>1926</b> ..	1,263	845	94,928	24,915	9,321,935	155,364	12,567	11,991
<b>1927</b> ..	1,322	867	95,979	24,520	11,742,405	171,240	14,024	14,530
<b>1928</b> ..	1,410	907	103,680	25,020	10,121,861	160,262	13,255	13,609
<b>1929</b> ..	1,441	963	106,708	29,225	14,461,356	210,895	15,582	12,466
<b>1930</b> ..	1,643	962	110,353	26,854	12,740,797	159,300	14,203	7,100
<b>1931</b> ..	1,518	842	91,912	23,725	11,709,259	146,365	13,468	6,734
<b>1932</b> ..	1,448	755	93,765	23,172	11,527,411	144,093	13,523	7,438
<b>1933</b> ..	1,474	759	89,189	22,491	11,853,169	153,620	13,755	7,276
<b>1934</b> ..	1,337	804	81,624	22,112	13,159,522	221,784	12,276	9,073
<b>1935</b> ..	1,305	764	79,808	19,132	12,628,282	184,405	14,812	12,590
<b>1936</b> ..	1,360	711	78,972	20,298	13,038,589	203,803	12,319	10,406
<b>1937</b> ..	1,428	816	83,973	19,495	13,003,460	210,270	9,053	10,411
<b>1938</b> ..	1,572	893	88,075	19,544	12,839,783	222,621	6,436	7,210
<b>1939</b> ..	1,377	852	89,834	19,531	11,886,178	245,485	5,901	6,786
<b>1940</b> ..	1,564	1,007	128,935	25,997	11,785,088	294,627	4,867	7,260

Statistical Summary.

## VICTORIA—FACTORIES (EXCLUSIVE OF QUARRIES).

Year.	Number.	Number of Hands Employed.	Salaries and Wages Paid.	Value of Machinery, Plant, Land & Buildings.	Value of Output.
			£	£	£
1860 ..	566	5,467	..	..	..
1870 ..	1,579	17,630	..	..	..
1880 ..	2,468	38,178	..	7,465,328	13,370,836
1890 ..	3,104	56,369	..	16,773,448	22,390,251
1900 ..	3,097	64,207	..	11,894,949	19,478,780
1910 ..	4,873	102,176	7,600,932	16,613,348	36,660,854
1911 ..	5,126	111,948	8,911,019	18,257,889	41,747,863
1912 ..	5,263	116,108	10,102,244	19,457,795	45,410,773
1913 ..	5,613	118,744	10,714,336	20,775,738	47,936,647
1914 ..	5,650	118,399	11,099,940	21,975,646	49,439,985
1915 ..	5,413	113,834	11,036,345	22,529,072	51,466,093
1916-17 ..	5,445	116,970	11,833,517	23,784,289	60,047,284
1917-18 ..	5,627	118,241	12,502,601	25,460,282	67,066,715
1918-19 ..	5,720	122,349	14,080,403	27,318,735	80,195,677
1919-20 ..	6,038	136,522	17,702,173	30,804,520	101,475,363
1920-21 ..	6,532	140,743	21,377,216	35,492,735	106,008,294
1921-22 ..	6,753	144,876	23,846,495	40,992,280	106,243,181
1922-23 ..	7,096	152,625	25,547,192	46,423,240	111,286,343
1923-24 ..	7,289	156,162	27,472,084	53,196,475	113,921,927
1924-25 ..	7,425	154,158	29,057,052	61,031,975	118,177,398
1925-26 ..	7,461	152,959	29,329,400	60,396,500	119,938,439
1926-27 ..	7,690	161,639	31,822,589	63,850,005	127,397,951
1927-28 ..	8,245	160,357	32,087,051	67,507,020	128,465,317
1928-29 ..	8,197	156,568	31,533,586	69,909,370	127,897,463
1929-30 ..	8,195	151,009	30,517,535	72,011,020	122,811,099
1930-31 ..	8,199	126,016	23,279,689	70,990,071	93,425,795
1931-32 ..	8,204	128,265	21,258,599	68,350,575	93,388,617
1932-33 ..	8,612	144,428	23,096,512	67,827,428	102,085,429
1933-34 ..	8,896	156,334	24,819,143	68,834,277	108,496,310
1934-35 ..	9,100	169,691	27,318,815	70,591,679	117,182,857
1935-36 ..	9,160	183,390	30,593,707	71,872,906	134,043,170
1936-37 ..	9,165	191,383	33,192,904	75,161,894	142,692,192
1937-38 ..	9,241	201,789	37,228,543	77,207,830	157,050,725
1938-39 ..	9,250	201,831	38,305,885	80,652,988	152,967,611
1939-40 ..	9,215	212,461	41,920,726	84,697,062	174,304,401
1940-41 ..	9,121	237,636	52,294,673	92,050,326	209,348,845

VICTORIA—LIFE ASSURANCE.

Year.	Ordinary Policies in Force.				Industrial Policies in Force.			
	Number of Policies.	Amount Assured.	Annual Premiums.	Average Amount of Policy.	Number of Policies.	Amount Assured.	Annual Premiums.	Average Amount of Policy.
		£'000	£'000	£		£'000	£'000	£
1894	131,210*	23,096*	..	..	..	..	..	..
1900	172,713*	26,316*	..	..	..	..	..	..
1910	157,730	33,776	1,162	214	134,325	2,719	153	20
1911	164,651	35,167	1,205	214	147,044	3,019	173	21
1912	173,673	36,823	1,260	212	158,173	3,310	194	21
1913	179,843	37,920	1,299	211	171,407	3,627	220	21
1914	187,441	39,410	1,351	210	181,040	3,896	243	22
1915	192,646	40,287	1,389	209	188,460	4,115	261	22
1916	197,772	41,469	1,463	210	203,819	4,676	296	23
1917	204,655	43,272	1,534	211	220,826	5,117	337	23
1918	211,994	45,668	1,594	215	241,730	5,896	391	24
1919	222,284	48,802	1,697	220	262,681	6,854	453	26
1920	238,414	53,287	1,860	223	286,106	8,119	529	28
1921	247,241	56,344	1,953	228	315,091	9,759	622	31
1922	259,503	60,817	2,103	234	348,337	11,530	726	33
1923	271,216	65,459	2,264	241	379,216	13,231	821	35
1924	277,892	69,194	2,403	249	411,819	15,080	936	37
1925	280,096	72,595	2,512	259	440,566	16,733	1,034	38
1926	277,154	75,350	2,607	272	470,037	18,404	1,136	39
1927	281,089	79,165	2,737	282	500,025	20,229	1,245	40
1928	284,369	82,483	2,837	290	527,467	21,932	1,346	42
1929	288,847	86,827	2,992	301	552,943	23,582	1,442	43
1930	289,242	89,441	3,090	309	552,707	23,874	1,440	43
1931	274,792	85,979	2,940	313	543,084	23,389	1,417	43
1932	274,484	87,048	2,961	317	566,131	24,399	1,472	43
1933	276,809	89,190	3,015	322	594,660	25,641	1,541	43
1934	283,476	92,539	3,121	326	633,951	27,418	1,650	43
1935	296,987	99,388	3,351	335	676,621	29,523	1,773	44
1936	317,151	107,419	3,706	339	726,869	31,992	1,921	44
1937	337,306	115,424	3,905	342	780,090	34,725	2,084	45
1938	350,128	120,479	4,082	344	801,558	35,927	2,151	45
1939	364,292	126,287	4,265	347	831,310	37,586	2,254	45
1940	373,359	130,496	4,384	350	870,758	39,548	2,375	45

\* Includes particulars relating to Industrial Policies.

## VICTORIA—INSURANCE (OTHER THAN LIFE).

Year.	Revenue in Victoria.			Expenditure in Victoria.			
	Premiums.	Other.	Total.	Losses.	Management Expenses.		Total.
					Commission and Agents' Charges.	Other.	
£	£	£	£	£	£	£	
1904	614,283	36,963	651,246	254,059	243,853	497,912	
1905	613,530	41,604	655,134	276,932	248,410	525,342	
1906	658,973	40,854	699,827	265,035	265,941	530,976	
1907	725,538	39,796	765,334	371,724	295,378	667,102	
1908	..	..	..	Not collected	..	..	
1909	795,890	38,416	834,306	367,050	322,251	689,301	
1910	851,949	40,198	892,147	353,348	340,297	693,645	
1911	897,185	42,989	940,174	391,324	369,500	760,824	
1912	956,677	44,440	1,001,117	423,737	408,186	831,923	
1913	1,048,271	58,259	1,106,530	414,541	444,658	859,199	
1914	1,336,103	53,286	1,389,389	663,504	515,353	1,178,857	
1915	1,426,456	57,919	1,484,375	569,695	516,215	1,085,910	
1916	1,561,437	66,495	1,627,932	679,312	580,151	1,259,463	
1917	1,645,632	68,565	1,714,197	458,367	624,982	1,083,349	
1918	1,768,511	77,784	1,846,295	477,949	676,131	1,154,080	
1919	1,940,085	86,124	2,026,209	794,499	753,912	1,548,411	
1920	2,324,700	101,210	2,425,910	676,486	317,982	598,823	1,593,291
1921	2,501,200	120,604	2,621,804	891,573	328,221	706,656	1,926,450
1922	2,512,430	130,495	2,642,925	833,576	352,039	697,120	1,882,735
1923	2,702,081	117,995	2,820,076	1,107,396	377,242	698,777	2,183,415
1924..	3,014,988	133,142	3,148,130	1,499,664	408,841	788,623	2,697,128
1925..	3,166,387	127,385	3,293,772	1,733,234	448,042	833,471	3,014,747
1925-26	3,209,767	164,266	3,374,033	1,884,518	455,444	851,774	3,191,736
1926-27	3,463,648	182,641	3,646,289	1,712,495	501,391	891,295	3,105,181
1927-28	3,493,037	163,232	3,656,269	1,645,649	498,834	921,728	3,066,211
1928-29	3,571,986	186,894	3,758,880	1,507,074	530,069	971,552	3,008,695
1929-30	3,569,734	200,143	3,769,877	1,975,075	538,633	961,606	3,475,314
1930-31	3,240,266	190,309	3,430,575	1,587,632	486,566	953,672	3,027,870
1931-32	3,069,444	174,665	3,244,109	1,335,781	435,310	908,826	2,679,917
1932-33	3,078,295	181,242	3,259,537	1,204,754	448,509	871,858	2,525,121
1933-34	3,112,691	190,907	3,303,598	1,233,843	456,662	867,654	2,558,159
1934-35	3,234,259	206,413	3,440,672	1,313,394	488,566	869,228	2,671,188
1935-36	3,551,378	205,689	3,757,067	1,516,927	522,631	889,490	2,929,048
1936-37	4,004,098	215,529	4,219,627	1,842,139	562,528	936,656	3,341,323
1937-38	4,411,492	232,980	4,644,472	1,913,732	605,306	1,005,420	3,524,458
1938-39	4,504,447	231,896	4,736,343	2,193,869	622,655	1,061,696	3,878,220
1939-40	4,730,834	235,873	4,966,707	2,288,489	646,936	1,129,328	4,064,753
1940-41	5,101,619	251,303	5,352,922	2,247,720	643,194	1,152,603	4,043,517

NOTE.—Particulars not obtained prior to year 1904.