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## CHAPTER XXIV.

# POPULATION.

# § 1. Enumerations and Estimates.

The nature of the early "musters" of the population and the subsequent Census enumerations which have been conducted in Australia were reviewed in Official Year Book, Number 15, pp. 1083-5. This review was accompanied by a tabular statement showing the dates on which the various enumerations were made, and the numbers counted on such occasions.

# § 2. Census of 4th April, 1921.

1. Numbers Enumerated.—The Census for the whole of Australia was taken as for the night between the 3rd and the 4th of April, 1921, and was the second Census under the provisions of the Commonwealth Census and Statistics Act 1905–20, which provides for the enumeration being dealt with from one centre, instead of each State being responsible for its own count as on previous occasions. The numbers recorded in the several States and Territories were as follows:—

#### POPULATION,-4th APRIL, 1921.

(Exclusive of Full-blood Aboriginals.)

States and Territories	'.	Males.	Females.	Persons.	
tates	,				
New South Wales	'	1,071,501	1,028,870	2,100,371	
Victoria		754,724	776,556	1,531,280	
Queensland	;	398,969	357,003	755,972	
South Australia	:	248,267	246,893	495,160	
Western Australia		177,278	155,454	332,732	
Tasmania		107,743	106.037	213,780	
erritories—		,	• • • • • • • • • • • • • • • • • • • •	6	
Northern		2,821	1.046	3,867	
Federal Capital	!	1,567	1,005	2,572	
Australia		2,762,870	2,672,864	5,435,734	

<sup>2.</sup> Increase since Census of 1881.—(i) Australia.—The increase of population between the Census of 3rd April, 1911, and that of 4th April, 1921, was 980,729, of which 449,835 were males and 530,894 were females, as compared with an increase of 681,204, comprising 335,107 males and 346,097 females, for the preceding ten years. The population of each sex enumerated at the Censuses of 3rd April, 1881, 5th April, 1891, 31st March, 1901, 3rd April, 1911, and 4th April, 1921, was as follows:—

## POPULATION.--AUSTRALIA, LAST FIVE CENSUSES.

(Exclusive of Full-blood Aboriginals.)

Date of Census.	Males.	Females.	Persons.	(a) Masculinity.
3rd April, 1881	1,214,913	1,035,281	2,250,194	7.98
5th April, 1891	1,704,039	1,470,353	3,174,392	7.36
31st March, 1901	1,977,928	1,795,873	3,773,801	4.83
3rd April, 1911	2,313,035	2,141,970	4,455,005	3.84
4th April, 1921	2,762,870	2,672,864	5,435,734	1.66

<sup>(</sup>a) Excess of males over females per 100 persons.

(ii) States and Territories. The increases in the population of the several States and Territories during the past four intercensal periods have been as follow:—

POPULATION.—STATES, ETC., INTERCENSAL INCREASES.

State or	1881-	1891.	1891-1	1891–1901.		911.	1911-1921.	
Territory.	Numerical.	Per cent.	Numerical.	Per cent.	Numerical.	Per cent.	Numerical.	Per cent
N.S. Wales Victoria Queensland South Australia Western Australia Tasmania N. Territory Fed. Cap. Ter.	(a)374,129 278,274 180,193 39,119 20,074 30,962 1,447	49.90 32.30 84.39 14.15 67.57 26.76 41.93	(a)230,892 61,230 104,411 42,813 134,342 25,808 (b)-87	20.54 5.37 26.52 13.57 269.86 17.60 (b)-1.78	(a)293,602 114,481 107,684 50,212 97,990 18,736 (b)-1,501	21.67 9.53 21.62 14.01 53.22 10.86 (b)-31.20	150,159 86,602 50,618	27.55 16.40 24.79 21.20 17.94 11.80 16.83 50.06
Australia	924,198	41.07	599,409	18.88	681,204	18.05	980,729	22.01

<sup>(</sup>a) Including Federal Capital Territory.

For Australia as a whole, the increase during the period 1911-1921 was greater by 299,525 than that for the period 1901-1911, the rate of increase being 22.01 per cent. for 1911-1921, as against 18.05 for 1901-1911. During the earlier period the increase corresponds to 1.67 per cent. per annum, and in the latter, to 2.01 per cent. per annum.

As regards the separate States, both the numerical and relative increases in the case of New South Wales, Victoria, Queensland, South Australia, and Tasmania were greater for 1911-1921 than for 1901-1911. On the other hand, Western Australia experienced a smaller increase during the decade 1911-1921 than in either of the two immediately preceding decades. The Northern Territory showed during the period 1911-1921 its first increase in population since the decade 1881-1891.

# § 3. Distribution and Fluctuation of Population.

1. Present Number.—The population of Australia on the 31st December, 1927, was estimated at 6,234,854 persons, of whom 3,189,823, or 51.16 per cent., were males and 3,045,031, or 48.84 per cent., were females. The increase during the year 1927 was 124,340, equal to 2.03 per cent., males having increased by 67,242, or 2.15 per cent., and females by 57,098, or 1.91 per cent. Of the increase referred to, 75,416, or 60.65 per cent., was due to the excess of births over deaths, and 48,924, or 39.35 per cent., was due to the excess of immigration over emigration.

<sup>(</sup>b) Decrease.

2. Growth and Distribution.—The following tables show the population of the States at decennial intervals from their foundation to the year 1920, and for each of the last four years. In issues of the Year Book up to No. 15, the male and female populations of Australia as a whole were given at quinquennial periods from 1788, but it is considered that the abridged table presented herewith will suffice for general purposes.

### POPULATION .- 1788 TO 1927.

			Estima	ted Popula	tion at end	of Year.			
Year.			State	es.			Terri	tories.	
	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	Northern	Federal Capital.	Australia,
				MALI	s.				
(a) 1800	3,780	·		]			·		3,780
1810	7,585 23,784	ł	1						7,585
1820	23,784		٠.	}	.:		1		23,784
1830	33,900		· · ·		877	(b)18,108			52,885
1840	85,560	i		8,272	1,434	32,040 44,229			127,306
1850	154,976	(1)200 000	(N)16 017	35,902	3,576	44,229	;	• • •	238,683
1860	197,001	(b)330,302	(b)16,817	04,340	9,597	49,653 53,517			668,560
1870 1880	272,121	391,230	69,221	94,094	10,011	90,517	J		902,494
1890	609 704	505 510	999 959	166 040	99 954	60,568			1 602 831
1900	716 047	601 773	274 684	180,040	110 088	80 783	(6) 4 288	::	1,204,514 1,692,831 1,976,992
1910	858 181	397,230 450,558 595,519 601,773 646,482	124,013 223,252 274,684 325,513 896,555	206 557	1,434 3,576 9,597 15,511 16,985 28,854 110,088 157,971 176,895	98,866	(c) 4,288 2,738 2,911	1	2,296,308
1920	1.067.945	753,803	896,555	245,300	176.895	107.259	2.911	(b)1,062	2,751,730
1924	154,976 197,851 272,121 404,952 602,704 716,047 858,181 1,067,945 1,150,759	753,803 824,182	440,115	55,902 64,340 94,894 147,438 166,049 180,349 206,557 245,300 273,701	195,341	76,453 89,763 98,866 107,259 108,569	2,538	1.643	2,996,848
1924 1925	1,171,590	838,693	454.819	282,790	199.596	108,047	2,550	2.230	3,060,315
1926	1,196,559	852,399	465,644 475,147	292,846	203,210 211,628	106,330	2,550 2,773	2,230 2,820	3,122,581
1927	1,223,976	838,693 852,399 867,409	475,147	282,790 292,846 298,262	211,628	108,047 106,330 107,036	3,137	3,228	3,189,823
				FEMAL	ES.				
(a) 1800	1,437 3,981 9,759 10,688 41,908	<b></b>			   ••				1,437
1810	3,981		• • •						3,981
1820	9,759			• • •					9,759 17,154
1830	10,688				295	(b)6,171			17,154
1840	41,908	• • •	• • •	6,358	877	13,959	• • •		63,102
1850 1860	111,924 150,695	(b)207,932	(b)11,239	27,798 61,242	2,310	24,641 40,168		٠.	166,673 477,025
1870	995 871	326,695	46 051	80 652	0,748	47,369		i	745,262
1880	225,871 336,190	408,047	87,027	89,652 128,955	12 576	54,222	::	::	1,027,017
1890	510.571		46,051 87,027 168,864		19,648	68.334	::	::	1.458 524
1900	644.258	594,440	219,163	176,901	69.879	09 197	(c) 569	ł ::	1.788.347
1910	785,674	654.926	273,503	200,311	118.861	94.937	563		2,128,775
1920	1.023,777	774.106	354.069	245,706	154,428	105,493	1,078	(b) 910	1,788,347 2,128,775 2,659,567
1924	1,103,691	832,913	394,779	264,805	168,783	109,270	1.059	1,355	2,876,655
1925	1,126,852	845,324	219,163 273,503 354,069 394,779 406,366	268,843	172,587	108,985	1,106 1,125	1,355 1,706 2,101	2,876,655 2,931,769 2,987,933
1926	510,571 644,258 785,674 1,023,777 1,103,691 1,126,852 1,151,222	859,428	410,049	152,898 176,901 200,311 245,706 264,805 268,843 273,548	2,310 5,749 9,624 12,576 19,648 69,879 118,861 154,428 168,783 172,587 175,586	94,937 105,493 109,270 108,985 108,424	1,125	2,101	2,987,933
1927	1,176,290	538,209 594,440 654,926 774,106 832,913 845,324 859,428 873,981	424,029	277,509	180,664	108,826	1,224	2,508	3,045,031
				Perso	NS.				
1788 1790	859	<b>.</b>							859
1790	2,056				• •			• • •	2,056
1800	5,217	}			• • •				5,217
1810	11,566	• • •		•••	• • •				11,566
1820	44 500	• • •	: ••	• •	1 179	/5/94 970	• • •	•••	70.090
1830 1840	5,217 11,566 33,543 44,588 127,468 266,900			14 630	1,172 2 311	(b)24,279 45,999 68,870		::	33,543 70,039 190,408 405,356 1,145,585
1850	266 900		1	14,630 63,700	2,311 5,886 15,346	68.870	::	::	405 358
	348.546	(b)538,234	(b) 28,056	125.582	15.346	89,821	::	::	1.145 585
	348,546 497,992	723,925	115,272	125,582 184,546 276,393	25,135	100,886	::		1.647.756
1860		858,605	115,272 211,040	276,393	25,135 29,561		::		1,647,756 2,231,531
1860 1870	741.142	000,000		010 045	48,502	144 787	1		3,151,355
1860 1870 1880 1890	741.142	1,133,728	392,116	318,947					0,101.000
1860 1870 1880 1890 1900	741,142 1,113,275 1,360,305	1,133,728	392,116 493,847	318,947		172,900	(c) 4,857	::	3,765,339
1860 1870 1880 1890 1900 1910	741,142 1,113,275 1,360,305	1,133,728	392,116 493,847 599,016	318,947 357,250 406,868		172,900 193,803	3,301	.:	3,765,339 4,425,083
1860 1870 1880 1890 1900 1910 1920	741,142 1,113,275 1,360,305 1,643,855	1,133,728	392,116 493,847 599,016 750,624	318,947 357,250 406,868 491,006		172,900 193,803 212,752	3,301 3,989	(b)1.972	3,765,339 4,425,083 5,411,297
1860 1870 1880 1890 1900 1910 1920 1924	741,142 1,113,275 1,360,305 1,643,855	1,133,728	392,116 493,847 599,016 750,624 834,894	318,947 357,250 406,868 491,006 538,506		172,900 193,803 212,752 217,839	3,301 3,989 3,597	(b)1.972	3,765,339 4,425,083 5,411,297 5,873,503
1860 1870 1880 1890 1900 1910 1920 1924 1925	741,142 1,113,275 1,360,305 1,643,855	1,133,728	392,116 493,847 599,016 750,624 834,894 861,185	318,947 357,250 406,868 491,006 538,506 551,683		172,900 193,803 212,752 217,839 217,032	3,301 3,989 3,597	(b)1,972 2,998 3,936	3,765,339 4,425,083 5,411,297 5,873,503 5,992,084
1860 1870 1880 1890 1900 1910 1920 1924	741,142 1,113,275 1,360,305	1,133,728 1,196,213 1,301,408 1,527,909 1,657,095 1,684,017 1,711,827 1,741,390	211,040 392,116 493,847 599,016 750,624 834,894 861,185 882,193 899,176	318,947 357,250 406,868 491,006 538,506 551,633 566,394 575,771	179,967 276,832 331,323 364,124 372,183 378,746 392,292	114,790 144,787 172,900 193,803 212,752 217,839 217,032 214,754 215,862	3,301 3,989	(b)1.972	3,765,339 4,425,083 5,411,297 5,873,503

<sup>(</sup>a) Details as to sex not available for earlier decennial dates. (b) Previously included with New South Wales. (c) Previously included with South Australia.

So far as the numbers can be ascertained, the nucleus of the population of Australia consisted of 1,024 persons, including the military, who landed in Sydney Cove on the 26th January, 1788. For many years the number increased very slowly, and in 1825, when Tasmania (then known as Van Diemen's Land) was separated from New South Wales and constituted a separate colony, i.e., 37 years after the first settlement, the total population was only 52,505 persons, of whom 38,313 were in New South Wales, and 14,192 were in Tasmania. The total for Australia attained its first million in 1858, 70 years after settlement. At this time the population was distributed among the States, or Colonies as they were then, as follows:-New South Wales, 31.97 per cent.; Victoria, 47.22 per cent.; Western Australia, 1.38 per cent.; South Australia, 11.29 per cent.; and Tasmania, 8.14 per cent. The second million was reached in 1877, after a lapse of nineteen years, by an average rate of increase of 3.53 per cent. per annum. The third million was reached twelve years later, in 1889, by an annual rate of increase of 3.48 per cent.; the fourth million sixteen years later, in 1905, at the rate of increase of 1.74 per cent. per annum; the fifth million thirteen years later in 1918, by an annual average rate of 1.79 per cent.; and the sixth million eight years later in 1926 by an annual average rate of 2.31 per cent.

The growth of the population of Australia and of each State thereof, is illustrated by the graphs accompanying this chapter.

3. Mean Population.—The following table shows the mean population for each State and Territory for the five years 1923 to 1927.

MEAN POPULATION, EXCLUSIVE OF FULL-BLOOD ABORIGINALS,

	States. Territories							ories.	
Year.	New South Wales.	Victoria.	Queens- land.	South Australia.	Western Australia.	Tas- mania.	Nor- thern.	Fed. Cap.	Australia.
1923 1924 1925 1926 1927	2,190,410 2,228,337 2,274,247 2,320,288 2,372,643	1,607,773 1,641,852 1,671,467 1,696,670 1,727,413	802,748 825,151 851,419 875,187 891,908	517,445 529,691 543,986 558,883 571,098	348,275 359,521 368,194 374,996 385,011	215,327 214,687 213,469 211,216 209,994	3,610 3,603 3,681 3,765 4,234	3,315 3,848 4,721 6,106 7,342	5,688,903 5,806,690 5,931,184 6,047,111 6,169,643

4. Increase at Decennial Periods since 1790.—The following table furnishes particulars relative to the increase in population of Australia during each decade, and the percentage of such increase on the population at the commencement of the decade:—

POPULATION.—AUSTRALIA, DECENNIAL INCREASE.

		Increase during Decade—									
	Decade ended 31st December—		Numerical.			Percentage.					
		Males.	Females.	Persons.	Males.	Females.	Persons.				
					%	%	%				
1790		(a)	(a)	2,056							
1800		(a)	(a)	3,161	(a)	(a) .	153.75				
1810		3,805	2,544	6,349	100.66	177.04	121.70				
1820		16,199	5,778	21,977	213.57	145.14	190.01				
1830		29,101	7,395	36,496	122.36	75.78	108.80				
1840	!	74,421	45,948	120,369	140.72	267.86	171.86				
1850		111,377	103,571	214,948	87.49	164.13	112.89				
1860		429,877	310,352	740,229	180.10	186.20	182.6l				
1870		233,934	268,237	502,171	34.99	56.23	43.84				
1880		302,020	281,755	583,775	33.47	37.81	35.43				
1890	i	488,317	431,507	919,824	40.54	42.02	41.22				
1900		284,161	329,823	613,984	16.79	22.61	19.48				
1910		319,316	340,428	659,744	16.15	19.04	17.52				
1920		455,422	530,792	986,214	19.83	24.93	22.29				

(a) Not available.

5. Area, Population, Masculinity, and Density—States, 1927.—A previous table showed the estimated number of persons on the 31st December, 1927, in each of the States and Territories. In the following table the proportions of the total area, and of the total

population represented by each State or Territory, are given, together with the masculinity and the density of population:—

AREA, POPULATION,	MASCULINITY.	AND DENSIT	TY.—STATES. 1927.
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State or Territory.	Percentage on	31st	Estimated : December,	Mascu- linity.(a)	Density.	
·	Total Area.	Males.	Females.	Persons.		
New South Wales Victoria	2.96 22.54 12.78 32.81 0.88 17.60	38.37 27.19 14.89 9.36 6.63 3.36 0.10 0.10	38.64 28.70 13.93 9.11 5.93 3.57 0.04 0.08	38.50 27.93 14.43 9.23 6.29 3.46 0.07 0.09	1.99 -0.38 5.68 3.60 7.89 -0.83 43.87 12.55	7.76 19.81 1.34 1.51 0.40 8.23 0.01 6.10
Australia	. 100.00	100.00	100.00	100.00	2.32	2.10

<sup>(</sup>a) Excess of males over females in each 100 persons. (b) Number of persons per square mile. Note.—The minus sign (—) indicates excess of females over males in each 100 persons.

URBAN AND RURAL POPULATION.—AUSTRALIA, CENSUS, 4th APRIL, 1921.

(EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

,	States. Te				Territ	ories.			
Particulars.	New South Wales.	Victoria.	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas- mania.	Northern	Federal Capital.	Australia.
				Numb	ER.				<del>-</del>
Urban— Metropolitan Provincial Rural Migratory	899,059 525,007 664,590 11,715	766,465 187,490 571,577 5,748	209,946 183,720 359,014 3,292	255,375 41,637 195,054 3,094	154,873 42,571 130,098 5,190	52,361 55,644 105,123 652	1,399 2,403 65	2,563 9	2,338,079 1,037,468 2,030,422 29,765
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734
			PERCE	NTAGE (	N TOTA	L.			<u> </u>
Urban— Metropolitan Provincial Rural Migratory	42.80 25.00 31.64 0.56	50.05 12.24 37.33 0.38	27.77 24.30 47.49 0.44	51.57 8.41 39.39 0.63	46.55 12.79 39.10 1.56	24.49 26.03 49.17 0.31	36.18 62.14 1.68	99.65 0.35	43.01 19.09 37.35 0.55
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

For Australia as a whole 62.10 per cent. of the population is urban, this percentage being exceeded by New South Wales, 67.80 per cent., and Victoria 62.29 per cent. Tasmania, with 50.52 per cent., has the smallest percentage of urban population in all the States.

During the ten years between the Censuses of 1911 and of 1921 the population of the metropolitan areas in the aggregate increased in proportion to the total population of Australia from 38.03 per cent. in 1911 to 43.01 per cent. in 1921. This movement was

<sup>6.</sup> Urban and Rural Distribution.—The following table shows the number of persons and the percentage on the total population recorded at the Census of the 4th April, 1921, as resident in urban and rural areas respectively. The metropolitan divisions include the capital city and the adjoining urban areas; the urban provincial districts cover those cities and towns which are not adjacent to the metropolitan areas, and which are incorporated for local government purposes; while those persons classed as migratory were mostly on board ships in Australian ports:—

common to all the States, though in varying degree. The relative accretion to the metropolitan total was greatest in Western Australia, where it increased from 37.85 per cent. to 46.55 per cent. of the population of the State, and was least in New South Wales, where it increased from 38.23 per cent. to 42.80 per cent. The abnormal increase in the proportion of the metropolitan population to the total population of Western Australia is not due entirely to the actual increase to the population of Perth and suburbs, but is caused in some measure by the departure from the State of many persons who had been engaged in connexion with the mining industry in extra-metropolitan districts.

In Victoria and in South Australia more than half the population lives within the metropolitan areas. At the Census of 1921, 50.05 per cent. of the population of Victoria, and 51.57 per cent. of the population of South Australia, were resident in their respective capitals. Of the total population of Australia, 43.01 per cent. was in the metropolitan areas, the proportion of the total males being 40.35 per cent., and of the females 45.77 per cent. The post-censal estimates, which are given in the following table, show a higher proportion in each of the capitals than was shown by the Census.

7. Metropolitan Population—Australia and Other Countries.—The abnormal concentration of population in the capitals of the States of Australia, as compared with other countries, may be readily seen from the following table. It may be mentioned, however, that, in most of the European countries, the capital is not always the most populous of many big cities, whereas, in Australia, the capital is invariably the most populous city, and in some States is the only town of important magnitude.

METROPOLITAN POPULATION.—AUSTRALIA AND OTHER COUNTRIES.

State or Country.	Metropolis.	Year.	Population.	Percentage on total of State or Country.
New South Wales Victoria Queensland South Australia Western Australia Tasmania Australia New Zealand	Melbourne Brisbane Adelaide	1.4.1928	1,101,190 975,160 295,430 327,686 191,791 56,193 2,947,450 127,265	% 45.88 55.98 32.86 56.91 49.00 26.03 47.35 9.17
New York State Northern Ireland Austria Denmark Hungary Irish Free State Saxony England Belgium Norway Notherlands Bavaria Scotland Sweden Portugal France Germany	New York Belfast Vienna Copenhagen Budapest Dublin Dresden London (a) Brussels Oslo Amsterdam Munich Edinburgh Stockholm Lisbon Paris Berlin	1927 1927 1923 1925 1921 1927 1925 1927 1926 1920 1926 1925 1927 1926 1921 1926 1925	5,970,782 415,000 1,865,780 731,496 1,217,325 422,400 679,159 4,541,000 808,664 258,483 726,527 680,704 426,300 453,332 435,359 2,871,429 4,013,588	52.07 33.11 28.56 21.30 14.91 14.17 13.60 11.51 10.27 9.75 9.65 9.22 8.71 7.46 7.31 7.05 6.36
Greece Finland Spain Czecho-Slovakia Poland Japan Switzerland Italy Russia (European) United States	Athens Helsingfors Madrid Prague Warsaw Tokio Berne Rome Leningrad Washington	1923 1926 1926 1921 1921 1925 1925 1927 1926 1927	385,026 215,829 1,151,112 676,657 936,713 1,995,567 107,960 875,119 1,611,102 540,000	6.21 6.07 5.16 4.98 3.44 3.34 2.71 2.17 1.15 0.46

<sup>(</sup>a) Population of Greater London in 1927 was 7,796.353.

8. Principal Urban Centres.—The following table gives particulars of the population of the principal urban incorporated areas in each State at the 31st December, 1927:—

# POPULATION OF PRINCIPAL URBAN INCORPORATED AREAS.—AUSTRALIA, 31st DECEMBER, 1927.

Town.	Population.	Town.	Population
New South Wales—		Oueensland—continued.	
New South Wales— Sydney and Suburbs Newcastle and Suburbs	. 1,101,190	Queensland—continued. Toowoomba Ipswich Maryborough Bundaberg Gympie Cairns Charters Towers Mackay Warwick Southport Mount Morgan Roma	24,500
Newcastle and Suburbs	. 102,550	Ipswich	23,000
Broken Hill	23,430	Maryborough	12,000
Bankstown	18,850	Bundaberg	11,000
Auburn	18,530	Gympie	9,570
Granville	17,530	Cairns	9,500
Lithgow	16.840	Charters Towers	9,009
Parramatta	16,760	Mackay	8,623
Lidcombe	14,310	Warwick	7.000
Cessnock	13,340	Southport	5,500
Holroyd	13,040	Mount Morgan	5,000
Goulburn	12,140	Roma	4,000
Katoomba	10,120	1	
Lismore	9,380	II.	
West Maitland	9,080	N .	
Rathuret	9,060	South Australia-	
Wagga Wagga		Adelaide and Suburbs	327,686
Albumer		Port Pirie	9,720
Orango	0.100	Mount Gambier	3,997
Wallenger		Victor Harbour	3,370
Wollongong		Wallaroo	3,197
Tamworth	7,260	Peterborough	3,009
rairneid	7,220 7,040	Kadina	2,438
illawarra North		Burra	1,827
Liverpool	5,980	Gawler	1,753
illawarra Central	5,940	Kanunda	1,535
Armidale	5,850	Port Augusto	1,371
рирьо	5,560	I or Augusta	1,368
Parkes	5,400	Moonta	1,301
	5,100	South Australia— Adelaide and Suburbs Port Pirie Mount Gambier Victor Harbour Wallaroo Peterborough Kadina Burra Gawler Kapunda Port Augusta Jamestown Moonta	1,001
Victoria—	975,160	Western Australia	
~	42,300	Western Australia—	101 701
	41,910	Perth and Suburbs	191,791
Bendigo and Suburbs	33,910	Doulder	5,884
Mordialloc	9,110	Bunbury	5,570
Ballarat and Suburbs Bendigo and Suburbs Mordialloc	8,070	Nagoorije	5,200
Castlemaine and Suburbe	7,170	Northam	5,000
Carrim		Geraldton	4,400
Wonthaggi	0.000	Albany	3,980
	1 0.000	Perth and Suburbs Boulder Bunbury Kalgoorlie Northam Geraldton Albany Collie Narrogin York	3,700
Hamilton		Narrogin	2,700
Ararat	F 400	York	1,600
Shannarton	· · · · · · · · · · · · · · · · · · ·		1
Maryharough	1 1/000	11	İ
Maryborough	1 1 200	Т	
Stawell	1.000	Tasmania—	50.00
nursham	4,650	nobart and Suburbs	56,193
Cotac,	4,550	Launceston and Suburbs	28,406
Dangenong	4,300	Devonport	4,920
	4,050	Burnie	4,090
wangaratta	4,000	Ulverstone	2,870
Camperdown	3,900	Queenstown	2,800
		New Norfolk	2,350
Queensland—	1	Latrobe	1,900
Brisbane and Suburbs	295,430	Zeehan	1,900
Townsville	30,200	Tasmania— Hobart and Suburbs Launceston and Suburbs Devonport Burnie Uiverstone Queenstown New Norfolk Latrobe Zeehan Wynyard Deloraine	1,670
Rockhampton	30,000		1,430

# § 4. Elements of Increase.

1. Natural Increase.—(i) General. The two factors which contribute to the growth of a population are the "natural increase" by excess of births over deaths, and the "net immigration," i.e., the excess of arrivals over departures. While the relative potency of these factors depends upon a variety of causes, it may be said that, in general, in the case of a new country "net immigration" provides an important part of the increase of population, while in an old country "natural increase," modified more or less by "net emigration," or excess of departures over arrivals, is the principal element of increase, A graph showing the natural increase to the population of each State and of Australia, from year to year since 1861, accompanies this chapter.

# POPULATION.—NATURAL INCREASE (a), 1861 TO 1927.

			Sta	tes.			Territ	ories.	
Period.	N.S.W.	Victoria.	Q'land.	S. Aust. (c)	W. Aust	Tas.	North- ern. (d)	Fed. Cap. (e)	Australia.
			]	Males.				·	
1861 to 1870	47,905	69,283	8,183	20,526	1,519	7,174			154,590
1871 to 1880	64,107	67,117	14,664	23,655	1,733	6,549	• •	• • •	177,828
1881 to 1890	97,411	73,142	25,858	33,488	2,757	11,377	• •	• • •	244,03
1891 to 1900	105,526	79,251	38,249	28,320	4,838	13,262	405		269,44
1901 to 1910	115,306	73,280	38,043	26,649	19,045	16,658	-487	150	288,494
1911 to 1920	149,100	87,548	54,391	35,086	22,517	18,059	-326	153 12	366,52
1921	16,515	9,626	6,241	3,467	1,779	1,778	- 31		39,38
1922	17,204	10,551	5,891	3,613	2,169	1,911	- 14	12	41,337
1923	15,744	9,430	5,464	3,249	2,107	1,748	5 - 13	- 4 4	37,743
1924	15,463	9,637	5,610	3,297	2,176	1,523	-15	13	37,697 38,408
1925	15,934	10,010	5,735	3,095	2,053	1,583	- 15 - 17	8	36,038
1926	14,547	9,438	5,110	3,230	$2,175 \\ 2,251$	1,544	- 17 - 37	13	36,02
1927	14,825	9,086	5,351	3,092		1,441	- 31		30,02
1861 to 1927	689,587	517,399	218,790	190,767	67,119	84,607	<b>-935</b>	211	1,767,54
	•		F	EMALES.					
1861 to 1870	56,670	80,534	11,137	21,210	2,406	9,059			181,016
1871 to 1880	75,843	79,023	21,997	25,552	2,840	8,891			214,146
1881 to 1890	112,294	87,964	39,500	35,353	4,347	13,592			293,050
1891 to 1900	121,037	93,664	49,794	30,235	10,430	14,499			319,659
1901 to 1910	130,460	82,460	48,958	27,455	24,822	16,549	61		330,765
1911 to 1920	168,873	93,144	65,736	36,143	29,447	18,425	197	150	412,113
1921	18,095	9,800	6,946	3,525	2,548	1,780	30	11	42,73
1922	18,800	10,582	6,944	3,780	2,795	1,909	24	14	44,848
1923	17,277	9,228	6,625	3,482	2,817	1,772	29	13	41,243
1924	17,407	10,000	6,771	3,425	2,862	1,737	26	22	42,250
1925	17,859	10,075	7,003	3,383	2,817	1,639	18	22	42,810
1926	16,410	9,589	6,440	3,376	2,776	1,532	26	26	40,176
1927	16,265	9,215	6,404	3,272	2,838	1,359	29	12	39,39
1861 to 1927	787,290	585,278	284,255	200,191	93,745	92,743	440	270	2,044,21
			P	ERSONS.					
1861 to 1870	104,575	149,817	19,320	41,736	3,925	16,233	!	·	335,606
1871 to 1880	139,950			49,207	4,573	15,440			391,971
1881 to 1890	209,705	161,106		68,841	7,104	24,969			537,083
1891 to 1900	226,563	172,915			15,268	27,761			589,105
1901 to 1910	245,766			54,104	43,867	33,207		١	619,259
1911 to 1920	317,973	180,692	120,127	71,229	51,964	36,484		303	778,643
1921	34,610	19,426	13,187	6,992	4,327	3,558		23	82,122
1922	36,004	21,133		7,393	4,964	3,820		26	86,185
1923	33,021	18,658		6,731	4,924	3,520		9	78,986
1924	32,870	19,637		6,722	5,038	3,260		26	79,947
1925	33,793	20,085		6,478	4,870	3,222	3	35	81,224
1926	30,957	19,027	11,550	6,606	4,951	3,076		34	76,210
1927	31,090	18,301	11,755	6,364	5,089	2,800		25	75,416
1861 to 1927	1,476,877	1 200 055	500.045	200.050	100.004	155.050	-495	481	3,811,757

 <sup>(</sup>a) Excess of births over deaths.
 (b) Including Federal Capital Territory prior to 1911.
 (c) Including Northern Territory prior to 1901.
 (d) Included in South Australia prior to 1901.
 (e) Part of New South Wales prior to 1911.

NOTE.—Minus sign (-) denotes excess of deaths over births.

In the natural increase, females have exceeded the males during the period under review. This is due to the higher death rate among males, the effect of which is augmented by the larger number of males subject to the greater risk of death. Although males predominate in both births and deaths, they exceed the females to a greater degree in the deaths than in the births.

(ii) Comparison with other Countries.—Notwithstanding its comparatively low birthrate, Australia has a high rate of natural increase, owing to the fact that its death-rate is very low. The following table gives a comparison between the average rates per annum of natural increase for some of the principal countries of the world for which such information is available, and those for the several States of Australia and the Dominion of New Zealand:—

# NATURAL INCREASE PER ANNUM PER 1,000 OF MEAN POPULATION.

## (VARIOUS COUNTRIES.)

Country.	Ī	Natural ncrease er 1,000.	Country.		Natural Increase per 1,000
Australasia (1923–27)—			Europe—continued.		
Tasmania		14.9	Switzerland	(d)	7.0
Queensland		14.3	England and Wales	(c)	6.3
New South Wales		14.2	Sweden	(e)	
Western Australia		13.5	Austria	(d)	
Australia		13.2	Irish Free State	(e)	
New Zealand		12.6	France	(e)	
South Australia		12.1			
Victoria		11.5	Asia	ļ	
			Japan	(d)	12.7
Europe—			Ceylon	(e)	
Soviet Republics	(b)	18.9	Cojion	11	
Netherlands		15.3	Africa—	i	
Italy		11.4	Union of South A	frica	
Norway	(d)	11.1	(whites only)	(d)	17.4
Denmark	(d)	11.0	("Elicos omy)		
Finland	(d)	9.7	America-	]	
Spain	(d)	9.7	Quebeo (Canada)	(e)	20.0
Prussia	(d)	8.9	Uruguay	(d)	
Germany	(d)	8.8	Canada (excluding Q		
Scotland	(c)	7.9	Ontario (Canada)	(e)	
Northern Ireland	(e)	7.4	United States.	(a	
Belgium	(d)	7.1	Chile	(d	

Graphs of natural increase for each of the States, as well as for Australia, accompany this chapter.

2. Net Immigration.\*—The other factor of increase in the population, viz., the excess of arrivals over departures, known as "net immigration" is, from its nature, much more subject to variations than is the factor of "natural increase." These variations are due to numerous causes, some of which are referred to later in this chapter, in dealing with the influences which affect the growth of population.

<sup>\*</sup> The subject of immigration is dealt with at some length later in this chapter.

POPULATION.—INCREASE BY NET IMMIGRATION, 1861 TO 1927.

	ŀ		Stat	tes.			Territo	ries.	
Period.	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern. (b)	Fed. Cap. (c)	Australia
				MALES					•
1861 to 1870	26,365	-2,355	44,221	10,028		- 3,310			79,344
1871 to 1880		-13,789	40,128	28,889		502			124,195
1881 to 1890		71,819	73,381	-14,877	9,112	4,508			244,284
1891 to 1900		-72,997	13,183	- 9,732		48		ا ا	14,715
1901 to 1910		-28,571	12,786	- 441	28,838				30,822
1911 to 1920	61,633	19,773	16,651	3,657				<b>— 60</b>	88,894
1921	- 61	1,476	2,111	3,377		989	→ 162	54	7,610
1922	6,092	13,170	5,004	1,718	2,717	- 2,443	- 164	303	26,397
1923	3,756	8,490	7,046	4,616	3,936	-1,696	<b>—</b> 18	- 32	26,098
1924	8,101	7,999	6,193	5,064	3,736			232	28,849
1925	4,897	4,501	8,969	5,994	2,202	2,105		574	25,059
1926	10,422	4,268	5,715	6,826		— · 3,261	240	582	26,231
1927	12,592	5,924	4,152	2,324	6,167	<b>– 735</b>	401	395	31,220
1861 to 1927	337,507	19,708	239,540	47,443	134,912	-27,224	- 21 <sub>0</sub>	2,048	753,718
				FEMALE	s.				
1861 to 1870	18,506	38,229	23,675	7,200		<del>- 1,858</del>	31	1	87,221
1871 to 1880			18,979	13,75					67,609
1881 to 1890		42,198	42,337	-11,410					138,457
1891 to 1900			505			304			10,164
1900 to 1910			5,382						9,663
1911 to 1920			14,830	9,252				1	
1921	1,645		2,309	1,036					8,044
1922	2,920	5,236	2,220	1,672					11,626
1923	- 264		3,743	20					11,442
1924	4,034	4,079	5,152	1,972					14,900
1925	5,302		4,584	658					12,298
1926	7,960		3,743	1,329					15,989
1927	8,803		1,076	689			1 _		17,704
1861 to 1927	·		128,535		1		!	1,562	
				Danaga		<u> </u>		<del></del>	
1001 4- 1000			67.000	PERSON		F 100	<del></del>		100 505
1861 to 1870			67,896					• • •	166,565
1871 to 1880				42,640				••	191,804
1881 to 1890			115,718					••	382,741
1891 to 1900					116,197				24,879
1901 to 1910		- 50,545							40,485
1911 to 1920 1921			31,481	12,909					
1921	1,584		4,420 7,224						15,654 38,023
1000	9,012			3,390					
3004	3,492 12,135		10,789 11,345	4,823					
1005	10,199		13,553	7,036					
1925 1926			9,458	6,649 8,155					42,220
100	18,382 21,395		5,228						
					$\frac{8,457}{216,082}$			1	
1861 to 1927	U/0.488	100.479	368,075	04.088	× 210.U82	-51,309		5.010	1,277,512

(a) Including Northern Territory up to 1900.
 (b) Included in South Australia up to 1900.
 (c) Part of New South Wales prior to 1911.
 (d) Including Federal Capital Territory prior to 1911.
 NOTE.—Minus sign (-) indicates the excess of departures over arrivals.

From 1861 to 1927 the increment to the population arising from the excess of births over deaths amounted to 3,811,757, or 74.90 per cent. of the total increase, while the increase from net immigration amounted to 1,277,512 or 25.10 per cent. During the 27 years of the present century the total increase to the population was made up of 1,957,992 or 79.29 per cent. by natural increase, and 511,523 or 20.71 per cent. by net immigration, The greatest increase to the population by net immigration which has occurred in any one decade was during the ten years 1881 to 1890. This period, however, concluded in world wide speculation, which, in Australia, took the form of speculation in land values, and the effect of the financial collapse which followed this boom is shown by the

small increment by migration from 1891 to 1910. For many of the years during this last-mentioned period there was an actual loss to Australian population by net migration. In 1907 the stream of migration again turned in favour of Australia, and during the five years 1909–1913 the net immigration represented 281,193. The war interrupted the flow, but in 1927 the net immigration represented 48,924 persons.

3. Total Increase.—The total increase of the population is obtained by the combination of the natural increase with the net immigration.

The following table gives the total increase in each decade from 1861 to 1920 and for the seven years 1921 to 1927:—

POPULATION.—TOTAL INCREASE, 1861 TO 1927.

	P0	PULATIO	N.—TOT	AL INC	REASE,	1861 T	) 1927.		
			State	es.	_		Territ	toties.	
Period.	N.S.W. (d)	Victoria.	Q'land.	S. Aust. (a)	W. Aust.	Tas.	North- ern. (b)	Fed. Cap. (c)	Australia.
				MALES.	-				
1861 to 1870	74,270	66,928	52,404	30,554	5,914	3,864	• •		233,934
1871 to 1880	132,831	53,328	54,792	52,544			٠.		302,020
1881 to 1890	197,752	144,961	99,239	18,611				••	488,317
1891 to 1900	113,343	6,254	51,432	18,588				• •	284,161
1901 to 1910	142,134	44,709		26,208			-1,550		319,316
1911 to 1920		107,321	71,042	38,743		8,393			455,422 46,997
1921	16,454	11,102	8,352	6,844					67,734
1922 1923	23,296		10,895	5,331 7,865					63,841
1004	19,500 $23,564$	17,920 17,636		8,361			11	236	66,546
1924	20,831	14,511	14,704	9,089			12	587	63,467
1926	24,969	13,706		10,056			223	590	62,266
1927	27,417	15,010	9,503			706	<b>6</b> 1	408	67,242
1861 to 1927	1,027,094	537,107	458,330	238,210	202,031	57,383	-1,151	2,259	2,521,263
			]	FEMALES	i.				
1861 to 1870	75,176	118,763	34,812	28,410	3.875	7,201			268,237
1871 to 1880	110,319	81,352				6,853		::	281,755
1881 to 1890	174,381	130,162	81,837			14,112		'	431,507
1891 to 1900	133,687	56,231	50,299			14,803			329,823
1901 to 1910,	141,416	60,486	54,340	23,410		11,800		!	340,428
1911 to 1920	238,779	119,180		45,395	35,567	10,556	515	234	530,792
1921	19,740	11,675	9,255	4,561	2,787	2,797	- 62	26	50,779
1922	21,720	15,818	9,164	5,452		1,140		178	56,474
1923	17,013	17,235	10,368	3,689			17	101	52,685
1924	21,441	14,079	11,923	5,397			31	140	57,150
1925	23,161	12,411	11,587	4,038			47	351	55,114
1926	24,370	14,104	10,183	4,705			19	395	56,164
	25,068	14,553	7,480	3,961	5,128	402	99	407	57,098
1861 to 1927	1,026,271	666,049	412,790	216,836	174,915	68,658	655	1,832	2,568,00 <del>6</del>
			I	PERSONS					
1861 to 1870	149,446	185,691	87,216	58,964	9,789	11,065	[		502,171
1871 to 1880	243,150	134,680	95,768	91,847	4,426	13,904			583,775
1881 to 1890	372,133	275,123	181,076	42,554	18,941	29,997		• •	919,824
1891 to 1900	247,030		101,731					• •	613,984
1901 to 1910	283,550		105,169	49,618	96,865	20,903		• • • • • •	659,744
1911 to 1920	449,512	226,501				18,949	688	327	986,214
1921	36,194	22,777	17,607			5,564	- 255	92	97,776
1922	45,016	39,539	20,059	10,783	7,893	608	- 183	493	124,208
1923	36,513	35,155	$22,878 \ 23,726$	11,554		-1.235	4 42	65: 376	116,526 123,696
1924 1925	45,005 43,992	31,715 $26,922$	26,291	13,758 $13.127$	10,309 8,059	- 1,235 - 807	59	938	118,581
1926	49,339	27,810	21,008	14,761	6,563	-2,278	242	985	118,430
1927	52,485	29,563	16,983	9,377	13,546	1,108	463	815	124,340
1861 to 1927									5,089,269
	,,	-,200,200							2,300,200

 <sup>(</sup>a) Including Northern Territory up to 1900.
 (b) Included in South Australia up to 1900.
 (c) Part of New South Wales prior to 1911.
 (d) Including Federal Capital Territory prior to 1911.
 NOTE.—Minus sign (-) denotes decrease.

For Australia as a whole the greatest numerical increase during any decennial period occurred in the decade 1911 to 1920. The increase during this decade amounted to 986,214, or 22.29 per cent. The greatest proportional increase, on the other hand, occurred during the decade 1881–1890 when it amounted to 919,824, which, on the smaller population of that time represented an increase of 41.22 per cent. for the decade. Of this increase of 919,824, 537,083 or 58.38 per cent. was from the excess of births over deaths, whereas during the decade 1911–1920, of the total increase of 986,214 the natural increase produced 778,643 or 78.96 per cent. A graph showing the increase in the population of each State and of Australia from year to year since 1860 accompanies this chapter.

As regards the individual States the maximum increases in any decennium are as follows:—New South Wales, 449,512, in 1911-20; Victoria, 275,123, in 1881-90; Queensland, 181,076, in 1881-90; South Australia, 91,847, in 1871-80; Western Australia, 131,465, in 1891-1900; Tasmania, 29,997, in 1881-1890.

4. Rates of Increase.—(i) For various Countries. The table hereunder gives approximate rates of increase in population for Australia, and its component States, and for other countries:—

POPULATION.—RATES OF INCREASE (VARIOUS COUNTRIES), 1891 TO 1927,

•			Annual B				uring perio	d—	
Countries.		1891 to 1896.	1896 to 1901.	1901 to 1906.	1906 to 1911.	1911 to 1916.	1916 to 1921.	1921 to 1926.	1927.
Australasia—		%	%	%	%	%	%	%	%
Australia		1.86	1.49	1.38	2.03	1.95	1.99	2.09	2,03
New South Wale	s(a)		1.57	1.99	2.03	2.61	2.17	2.01	
Victoria	•••	0.37	0.52	0.18	2.17	1.38	1.68	2.00	
Queensland		2.49	2.25	1.35	2.76	2.20	2.21	2.81	
South Australia		1.63	0.77	0.27	2.46	1.52	2.34	2.27	
Western Austral		20.81	7.25	6.22	2.43	1.76	1.27	2.44	3.58
Tasmania	••	1.06	1.83	1.33	0.65	0.58	1.84		
New Zealand	••	2.41	1.98	2.86	2.56	1.61	2.32	1.95	
EUROPE-					}			1	
England and Wa	ales	1.15	1.15	1.04	1.04	-0.95	1.89	0.62	0.57
Scotland	• •	1.06	1.06	0.55	0.56	0.31	0.24	0.09	-0.01
Ireland		-0.60	-0.43	-0.22	-0.06	-0.21	0.58	-0.60	
Austria		0.79	1.05	0.87	0.86	(c) 0.80	(g)	i0.34	(l)
Belgium		1.15	0.92	1.26	0.69	0.54	-0.56	1.03	
Denmark		0.99	1.32	1.12	1.26	1.20	2.13	1.01	(1)
Finland	• •	1.20	1.41	1.36	1.43	1.18	0.25	i0.94	(t)
France	•••	0.09	0.24	0.15	0.16	-0.72	0.55	0.76	
Germany	••	1.17	1.51	1.46	1.36	0.71	-1.62	11.04	(i)
Hungary		0.92	1.03	0.77		(c) 0.84	(g)	10.92	
Italy		0.68	0.61	0.52	0.80	1.16	0.22	0.91	ίί
Netherlands		1.28	1.30	1.53	1.22	1.72		j1.56	
Norway		0.96	1.31	0.52	0.66	1.00	1.14	0.90	(l)
Prussia	,,	1.29	1.59	1.57	1.48	0.85	-1.67	j1.03	
Rumania		1.15	1.41	1.46	1.48	(e) 2.77	(g)	1.50	
Serbia	.,	1.37	1.57	1.52	1.55	(c) 1.72	(g)	i 1.32	
Spain		0.45	0.45	0.52	0.87	0.66		10.73	
Sweden		0.61	0.86	0.61	0.84	0.70	0.64	0.40	(i)
Switzerland	.,	1.22	1.10	1.28	1.17	0.81		j0.29	
Asia									( )
Cevlon		1.41	2.03	1.62	1.20	1,71	1.28	k2.29	(l)
Japan		0.96	1.25	1.29	1.08	1.42		j1.31	(i)
AMERICA-	1							1	٠,
Canada		0.97	1.19	2.99	2.99	(d) 3.87	(h) 2.00	1.58	1.38
Chile		2.66	0.90	1.53	1.56	1.66	0.07	1.04	(l)
Jamaica		1.66	1.72	1.63	0.28	1.36	(f) 0.62	k1.66	
United States		1.93	2.02	2.00	1.82	1.67	1.21	1.67	1.27

<sup>(</sup>a) Including Federal Capital Territory. (b) Including Northern Territory. (c) 1911 to 1912. (d) 1911 to 1914. (e) 1911 to 1915. (f) 1916 to 1920. (g) Not available owing to changes of boundaries. (h) 1911-21. (f) 1920-25. (f) 1920-24. (k) 1921-25. (l) Not available. Note.—The minus sign (—) denotes decrease.

<sup>(</sup>ii) Variations in the Rates.—The fluctuations in the rates of increase in the population of Australia are, for the greater part, due to variations in the volume of immigration.

The more important of these periodic variations, so far as they affected the population of Australia as a whole, have been referred to in the preceding sub-sections dealing with net immigration. The large increase in the population of Western Australia during the quinquennium 1892-96 marks the opening up of the gold mines of that State.

# § 5. Seasonal Variations of Population.

1. Variations in Natural Increase.—The following table shows the natural increase to the population, during each quarter of the year, based on the experience of the ten years 1918–1927. For Australia as a whole, the rate of natural increase was greatest in the quarter ended 31st March, and least in the quarter ending 30th June, the difference between the rates of increase for these two periods being equal to 23 persons for every 100,000 of the population. In New South Wales, Victoria, South Australia and Western Australia the March quarter was the most favourable, in Queensland the June quarter, and in Tasmania the December quarter. The natural increase was lowest in New South Wales, Victoria and Tasmania in the June quarter, in Queensland and Western Australia in the December quarter, and in South Australia in the September quarter. The differences between the least favourable and the most favourable quarters ranged from 23 per 100,000 of the population in Victoria to 34 per 100,000 in New South Wales.

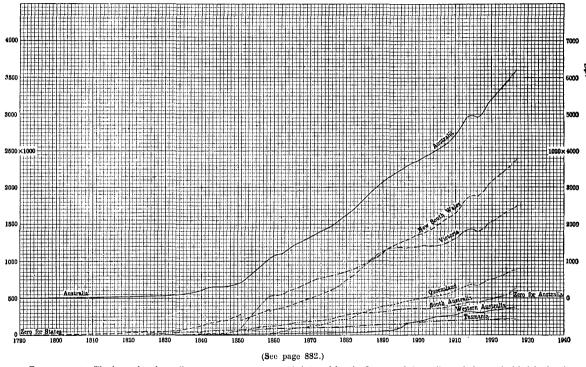
During recent years there have been two unusual occurrences which have considerably disturbed the normal contributions of the several quarters. The first of these was the payment of the Maternity Allowance which commenced on the 10th October, 1912, with the result that births were registered in the December quarter of that year, which otherwise would not have been registered until the March quarter of the following year. As the results given in earlier issues in this connexion are the averages for decennial periods, this factor is present in the results given for the December quarter up to and including the decade 1912–21, but, with the increasing population it became less important from year to year. Although this factor did not seriously disturb the order of increase in the various quarters, it very materially reduced the margins between the highest and the lowest quarters.

The other disturbance referred to was the influenza epidemic of 1919. The total number of deaths during 1919, for which influenza was stated to be the primary cause, was 11,989, which were distributed over the four quarters of the year as follows:—March quarter, 926; June quarter, 5,958; September quarter, 4,658; December quarter, 447. Prior to this epidemic, the September quarter had been consistently the highest, and the June quarter had been, almost invariably, next in order during each decade from 1901-10 to 1909-18, while the March quarter had been almost consistently the lowest. The same consistency, however, did not prevail throughout the individual years. The deaths from influenza in the June and September quarters, and the comparative freedom of the March quarter from such deaths, assisted in giving the March quarter precedence in the successive decennial periods in which the year 1919 is included. Apart, however, from the effect of the influenza epidemic the March quarter has contributed towards the natural increase to the population at a greater rate than any other quarter of the year during the quinquennial period 1923-27.

POPULATION.—AVERAGE QUARTERLY NATURAL INCREASE, 1918 TO 1927.

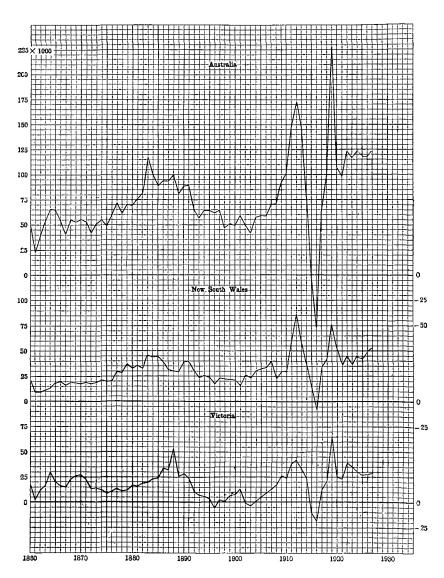
State or Territory.		rch.	tural Incre		Quarter en Septen		Decer		Aver Natu Increas Annu 1918-	ıral se per ım.
N.S.W. Victoria Q'land S. Aust. W. Aust. Tas N. Ter.	845 2	3.89 3.02 3.93 3.44 3.52 3.97 0.50	Persons. 7,637 4,408 3,114 1,674 1,182 805 6	3.55 2.79 3.95 3.28 3.43 3.82 1.50	Persons. 7,816 4,497 3,004 1,612 1,147 848 5	3.61 2.84 3.76 3.14 3.31 4.05 1.23	Persons. 8,152 4,778 2,914 1,648 1,120 858 - 2 5	3.75 3.00 3.63 3.19 3.21 4.10 -0.49	18,432 12,108 6,678 4,654 3,356	14.91 11.74 15.48 13.16 13.59 15.76 2.75
F.C. Ter. Total	19,965	$\frac{2.20}{3.59}$	18,831	3,36	$\frac{8}{18,937}$	$\frac{2.05}{3.37}$	19,473	$\frac{1.22}{3.44}$	77,206	$\frac{8.78}{13.87}$

#### TOTAL POPULATION, 1788 TO 1927.



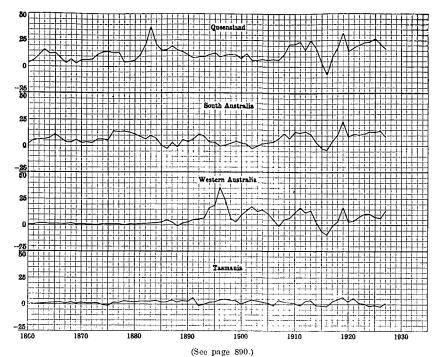
EXPLANATION.—The base of each small square represents one year's interval for the States and Australia, and the vertical height for the States 50,000 persons, and for Australia 100,000 persons.

Where the population falls suddenly, the fall denotes the creation of a new colony, e.g., New South Wales in 1825 lost the whole population of Tasmania.



(See page 890.) (For explanation see next page.)

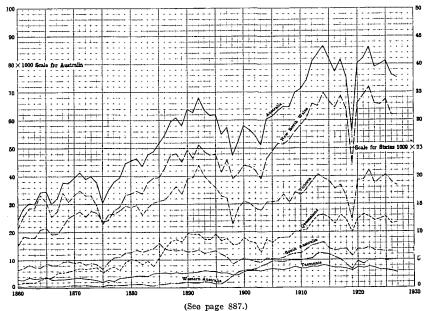
TOTAL INCREASE OF POPULATION.—QUEENSLAND, SOUTH AUSTRALIA, WESTERN AUSTRALIA, AND TASMANIA, 1860 TO 1927.



EXPLANATION.—The base of each small square represents an interval of a year for both States and Australia; the vertical height represents 5,000 persons. In the first graph (on page 894) three zero lines are taken (i) for Australia, (ii) for New South Wales, and (iii) for Victoria. In the second graph four zero lines are taken (i) for Queensland, (ii) for South Australia, (iii) for Western Australia, and (iv) for Tasmania.

DECREASES in population are shown by carrying the curve in such cases below the zero line, the distance below the zero line indicating the extent of the decrease.

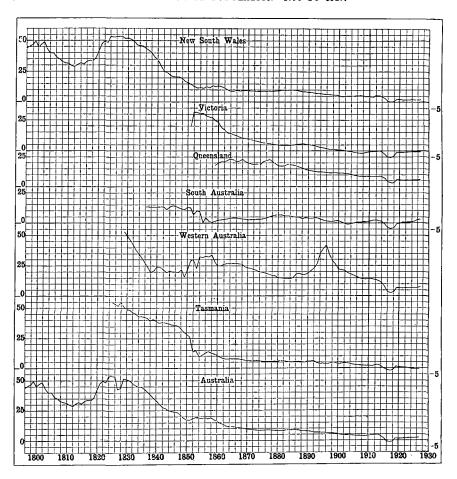
# NATURAL INCREASE OF POPULATION 1860 TO 1927.



EXPLANATION.—The base of each small square represents one year for both States and Australia, and the vertical height 1,000 persons for the States and 2,000 persons for Australia.

The distances upward from the zero line, marked 0 for both Australia and States, denote the excess of births over deaths. The scale on the left relates to Australia, and that on the right to the States.

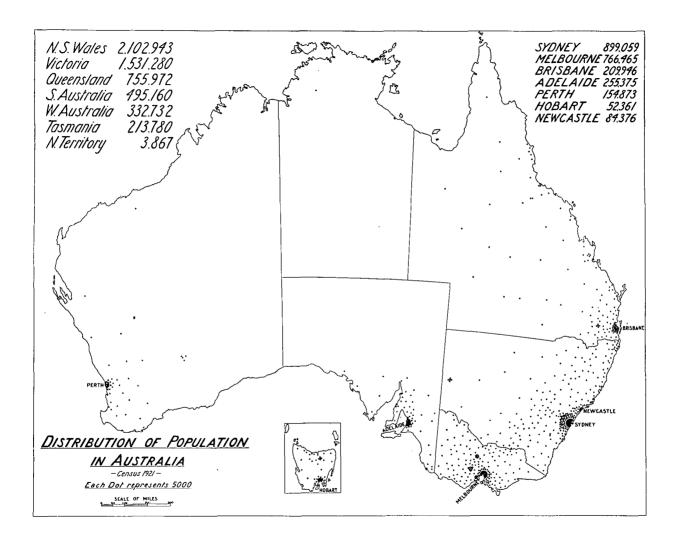
#### MASCULINITY OF POPULATION-1796 TO 1927.

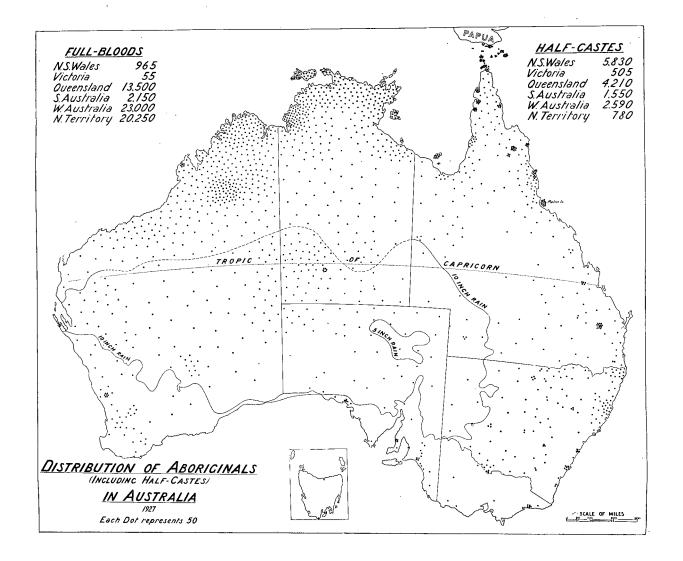


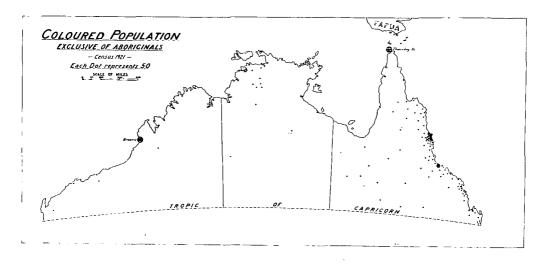
(See page 907.)

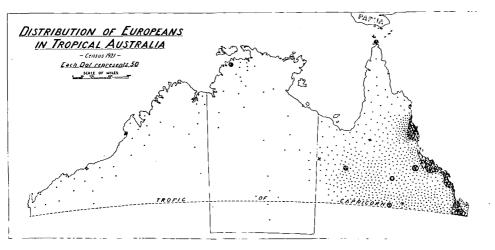
EXPLANATIONS.—The base of each small square represents an interval of two years, and the vertical height an excess of five males per 100 of the population. The basic lines (shown thickened) for Australia and all the States are at zero, equivalent to a numerical equality of the sexes.

It will be noticed that in the case of Australia in the years 1916, 1917, and 1918, Victoria in the years 1903 to 1927, South Australia in the years 1902 to 1904 and 1915 to 1920, and Tasmania for the years 1915 to 1918, and 1924 to 1927 the curves are below the zero line, thus showing an excess of females over males.









The results for the five years 1913-17 show that of the total natural increase the September quarters contributed 25.77 per cent. and the March quarters 25.05 per cent., whereas during the period 1923-27 the contribution by the September quarters had fallen to 24.18 per cent., while that of the March quarters had increased to 26.13 per cent. This precedence of the March quarter of the September quarter was noticeable in a marked degree in 1922 and has been consistently maintained since

The favourable position formerly held by the September quarter was due entirely to its higher birth rates, and, although this quarter continues to make the greatest contribution to births, that contribution has been less, relatively to the total, than it was. The precedence recently taken by the March quarter has been mainly the result of the altered seasonal incidence of deaths. Notwithstanding an increase of 19.84 per cent. in the population during the interval between 1913-17 and 1923-27, and an increase during the same period in the average annual number of deaths of 8.7 per cent., the deaths during the March quarter have increased by only 2.04 per cent., while the September quarter shows an increase of 15.33 per cent. The sympathy between the results for the March and December quarters in this connexion points to a reduction in the deaths from summer causes. Associated with this change-perhaps the most important factor contributing to it-is the reduction which has been recorded in the numbers of infantile deaths. During the interval of 10 years between 1913-17 and 1923-27 the annual number of infantile deaths has been reduced by 16.94 per cent.; those in the March quarter have been reduced by 20.68 per cent., and in the December quarter by 24.88 per cent.

2. Variations in Net Immigration.—In the following table the figures relating to the separate States and Territories include interstate migrants, but so far as these persons are concerned, the arrivals into any State are departures from some other State, so that they do not affect the figures shown for Australia as a whole, which, therefore, represent the oversea arrivals and departures. For each of the decades from 1901-1910 to 1904—1913 inclusive, the December quarter showed the greatest rate of increase from migration, with the other quarters consistently in order directly reverse to their position in the calendar.

The derangement of passenger traffic and the despatch and return of troops, to and from the war, completely upset the normal passenger movements. The effect of the movements of troops during the years 1918, 1919 and 1920 is still noticeable in the figures for the decade 1918-27, but the results for each of the years subsequent to 1920 revert to the pre-war experience and show the greatest gain by net migration in the December quarter. The reason for this is, of ccurse, that the majority of tourists to and from the northern hemisphere wish to escape the winter months. The ordinary seasonal effect on the net migration of the several States as shown in the following table is necessarily affected by the same causes. During the five years 1923-27 the greatest gains in New South Wales, Victoria, South Australia and Tasmania have been in the December quarter, though with the exception of Tasmania this experience has not been common to every year. The gain to these southern States in the December quarter is due to oversea traffic and to tourists and sugar workers returning from Queensland, which loses heavily during the December quarter, but gains in the June quarter by tourists seeking the warmer winter climate. The June quarter has also been most favourable to Western Australia during the last five years, though the results from year to year have been very variable. The increase to Tasmania during the December quarter is from the influx of tourists from the mainland, but this is unfortunately more than counterbalanced by the consistent losses during each of the other quarters.

State or		Average Net Immigration								
Territory.	March.		June.		September.		December.		per Annum, 1918-27.	
	Persons.	0/00	Persons.		Persons.	•/00	Persons.	•/00	Persons.	•/00
N.S.W.	3,536	1.65	1,093	0.51	6,003	2.78	5,447	2.50	16,079	7.51
Victoria	4,329	2.76	1,462	0.92	3,203	2.02	5,007	3.14	14,001	8.92
Q'land	2,041	2.61	8.056	10.23	2.321	2.91	-3.258	- 4.05	9.160	11.71
S. Aust	995	1.96	808	1.58	1.712	3.34	2,713	5.26	6.228	12.28
W. Aust.	663	1.94	1.354	3.93	1.304	3.76	570	1.63	3.891	11.36
Tas		-13.14	-2,530	-11.99	- 775	-3.70	4,532	21.65	-1.570	- 7.37
N.T	- 8	-2.00	67	16.79	- 22	-5.41	- 92	-22.73	- 55	-13.76
F.C.Ter.	1,032	377.68	128	33.95	151	38.69	- 972	-237.95	339	124.06
		<u> </u>		. ——	<del></del>		· -			
Total	9,791	1.76	10,438	1.87	13,897	2.47	13,947	2.46	48,073	8.64

## POPULATION.—AVERAGE QUARTERLY NET IMMIGRATION, 1918 TO 1927.

Note.—The minus sign (-) denotes excess of departures over arrivals, and °/°° denotes " per thousand " of population.

# § 6. Influences affecting Increase and Distribution.

1. Mineral Discoveries.—The discovery of gold in Australia in 1851 was undoubtedly one of the most influential factors in bringing about a rapid settlement of the country. Its effect may be gauged by comparing the increase during the ten years preceding with that during the ten years succeeding the discovery. From 31st December, 1840, to 31st December, 1850, the increase was only 214,948 (from 190,408 to 405,356). During the succeeding decennium there was an increase of 740,229, the population advancing to 1,145,585 on 31st December, 1860. In 1861, owing to the opening up of the New Zealand goldfields, a rush of population from Australia set in, the result being that the net increase per annum to the population of Australia, which in 1855 amounted to 98,343, and even in 1860 was as much as 48,280, fell in 1861 to 22,564. In fact, during the year 1861 the departures from Australia exceeded the arrivals by 6,283, the gain of 22,564 being due to the births exceeding the deaths by 28,847.

In 1886 and subsequent years the gold discoveries of Western Australia led to such extensive migration to that State that its population, which on 31st December, 1885, amounted to only 35,959, increased during the next twenty years by 595 per cent., or by 10.18 per cent. per annum, to 250,138 in 1905. In this case, however, the additions to the population of the western State were largely drawn from the eastern States, so that the actual gain of population to Australia was relatively small.

- 2. Pastoral Development.—Very early in the colonization of Australia it was recognized that large areas were well adapted for pastoral pursuits, and pastoral developments led to the spread of population in various directions. As the numbers engaged in connexion therewith, compared with the value of the interests involved, are relatively small, and as pastoral occupancy tends to segregration rather than aggregation of population, the growth of the pastoral industry is not noticeably reflected in the population statistics.
- 3. Agricultural Expansion.—At the present time the area under crop in Australia is over 17\frac{3}{4} million acres. Although substantial in itself, this area, viewed in relation to the total area of Australia, is relatively small, and represents only 0.93 per cent. of the total area. Per head of population the area under crop, however, is 2.9 acres, a fairly large area when allowance is made for the recency of Australian settlement. More than 80 per cent. of the area under crop in 1926-27 was devoted to the production of wheat and hay, both of which, for profitable production in Australia, require a considerable area in the one holding. Consequently, the agricultural districts are for the most part sparsely populated, though in a less marked degree than the pastoral areas.

- 4. Progress of Manufacturing Industries.—One direct effect of the development of manufacturing industries is the concentration of population in places offering the greatest facilities for the production of particular commodities. In Australia, where manufacturing industries are as yet in their infancy, the tendency throughout has been to concentrate the manufacturing establishments in each metropolis. This has accentuated the growth of the capital cities to an extent which, when compared with that of the rest of the country, appears somewhat abnormal.
- 5. Influences of Droughts.—Droughts, which at times so seriously affect the agricultural and pastoral industries of Australia, have a marked influence on the distribution of population. Districts, which in favourable seasons are fairly populous, become more or less depopulated in times of drought. This movement, however, ordinarily affects only the internal distribution of the population, and not the total, but severe drought may even make its influence felt in the statistics of the total population. Thus, in the case of the drought of 1902-3, the departures from Australia exceeded the arrivals for the two years 1903 and 1904 by 12,859. It may be noted also, that for the former of these years, the natural increase of population by excess of births over deaths was abnormally low, being only 51,150, as compared with 54,698 in the preceding, and 60,541 in the succeeding year. As the solution of the problem of dealing with droughts is advanced, their influence will be less marked.
- 6. Assisted immigration.—Assisted immigration has been a factor of some importance in the increase of population. The number of persons brought to Australia by this means has varied considerably in different periods, according to the activities of Governments in this direction. The table given in sub-section 5 of § 10 hereinafter shows that 1,025,682 persons have been brought to Australia in connexion with schemes for assisting immigration.
- 7. Other Influences.—(i) Commercial Crises. The effect on population of a commercial crisis, such as that which occurred in the early nineties of last century, is clearly indicated by comparing the migration statistics of Australia for the five years 1887 to 1891 with those for the five years 1892 to 1896. During the earlier periods the arrivals exceeded the departures by 146,872, whereas in the later period the excess of arrivals was only 2,064.
- (ii) War. The war in South Africa left its impress on the population statistics of Australia, the departures during 1899 and 1900 exceeding the arrivals by 10,546. The effect of the recent European war is, of course, much more marked.

# § 7. Density.

1. General.—From certain aspects population may be less significant in respect of its absolute amount than in its relation to the area of the country. Australia, with an area of 2,974,581 square miles, and a population on 31st December, 1927, of 6,294,854 including aboriginals, has a density of only 2.12 persons to the square mile, and is, therefore, the most sparsely populated of the civilized countries of the world. For the other continents the densities are approximately as follows:—Europe, 122; Asia, 67; Africa, 10; North and Central America, 18; and South America, 11. The population of Australia has thus about 26 per cent. of the density of South America; about 26 per cent. of that of Africa; about 15 per cent. of that of North and Central America; about 4 per cent. of that of Asia; and about 2 per cent. of that of Europe.

A map showing the density of population throughout Australia as at the Census of 1921 accompanies this chapter.

Particulars concerning the number and density of the population of the various countries of the world for the latest dates for which such information is available are given in the following table. These figures have in the main been taken from the 1928 issue of the "Statesman's Year Book," and in some instances, more particularly in the cases of Asia and Africa, must be considered as rough approximations only, complete data not being obtainable.

# POPULATION, WORLD'S .- NUMBER AND DENSITY.

Country.	Population.	Density (a).	Country.	Population.	Density (a)
Europe,			ASIA—continued.		
Russia	107,211,850	65,96	Straits Settlements	1,003,754	62,78
Germany Great Britain and North- ern Ireland	63,180,619	347,69	British Borneo, Brunei and Sarawak	1,000,000	12.97
France	45,438,000 40,743,851	480.15 191.59	Hong Kong and Depend-	887,000	98.55
Italy	40,406,000 29,589,000	339,14 197,32	Laos	874,420 855,146	2236.37 10.38
Spain (including Canary and Balearic Islands)	22,290,162	114.42	Goa, etc	548,472 500,000	334.8 6.10
Rumania	17,393,149	142.24	Timor, etc	442,261	60.3
Zzecho-Slovakia Jugo-Slavia	14,356,600 12,017,323	264.84 125.01	Cyprus	310,709 284,432	86.69 1451.1
Hungary	8,457,852	235.52	Bhutan	250,000	12.30
Netherlands	7,874,601 7,526,606	669.89 569.76	Kwan Chau Wan Weihaiwei	$\begin{array}{c} 205,000 \\ 154,416 \end{array}$	1078.9 541.8
Greece	6,600,000 6,534,481	132,23 201,88	Bahrein Islands Macao, etc	120,000 83,984	$\frac{480.0}{20996.0}$
Bweden	6,074,368	35.08	Maldive Islands	70,000	608,6
Portugal Bulgaria	6,032,991 5,483,125	169.99 137.72	Aden and Dependencies Tientsin	55,000 51,480	$\begin{bmatrix} 6.11 \\ 25740.0 \end{bmatrix}$
witzerland	3,959,000 3,558,059	248.37 26.82	Total	1,068,788,893	67.0
Denmark	3,457,390	201.67	Total	1,000,700,055	
rish Free State	2,972,802 2,788,893	$110.10 \\ 22.32$			!
Lithuania	2,254,668	71,23	AFRICA.		
Latvia Furkey	1,844,805 1,203,151	73.79 110.57	Nigeria and Protectorate	18,765,690	55.90
estonia	1,117,270 831,877	60.85 47.88	Egypt	14,168,756 10,000,000	36.99 28.5
Danzig	384,000	509.27	Belgian Congo	8,500,000	9.2
Luxemburg	260,767 227,440	261.03 186.43	Union of South Africa Anglo-Egyptian Sudan	7,085,752 7,005,966	15.00 6.9
legean Islands	114,642	117.46	Algeria	6,064,865	71.60
celand	$101,764 \\ 22,153$	2.56 2769.13	Angola Tanganyika Territory	5,000,000 4,323,300	10.33 11.8
dibraltar	20,638 12,952	10319.00	Morocco	4,229,146	21.1
Llechtenstein	10,716	340.84 164.89	Madagascar Upper Volta	3,621,342 3,240,147	15.05 22.6
Andorra Spitzbergen	5,231 1,197	27.39 0.05	Uganda Protectorate French Equatorial Africa	3,136,946 3,127,707	33.30 3.2
m	I————		Portuguese East Africa	3,120,000	7.29
Total	472,359,993	121.55	French Sudan Kenya Protectorate	2,634,982 2,736,517	73.13 12.1
		]	Liberia	2,500,000 2,159,708	58.14 44.7
	}		French Guinea	2,133,003	23.0
ASIA.			Gold Coast and Pro- tectorate	2,078,043	25,98
China and Dependencies	468,197,000	109.41	French Cameroon	1,878,683	11.28
British India	247,003,293	225,72	Sierra Leone and Protec-	1,724,545	14.18
apan and Dependencies reudatory Independent	83,458,405	320.12	Senegal	$1,541,311 \\ 1,318,287$	49.79 17.79
States	71,939,187	101.18	Nyasaland Protectorate	1,293,391	34.14
Vetherlands East Indies Russia in Asia	51,013,878 39,801,759	89.04 6.02	Northern Rhodesia	1,218,717 1,145,267	2.63 3.98
Furkey, including Armenia and Kurdistan	12,446,794	25,74	Dahomey	979,609 900,000	23.79 4.74
Persia	12,000,000	19,11	Southern Rhodesia	877,000	5.89
Philippine Islands	11,568,994 9,831,000	100.58 49.05	Portuguese Guinea British Cameroons	770,000 660,000	55.24 $21.29$
fghanistan	8,000,000	32,68	Spanish Morocco	600,000	77,92
lonking Irabia	7,401,912 7,000,000	182.63 7.00	French Sahara	570,716 542,225	0.63 0.36
Vepal	5,600,000 5,580,974	103.70 140.37	Togoland (French) Basutoland	508,302 408,781	23.22 42.57
Ceylon	5,009,500	197.75	Eritrea	407,044	8.90
Cochin China	4,119,832 $2,849,282$	155.61 19.89	Mauritius and De-	398,000	491.96
ambodia	2,535,178	37,53	Somaliland Protectorate	345,000	5.07
yria 'ederated Malay States	2,046,857 1,476,032	34,11 53,66	Mauritania South-West Africa	289,184 259,000	1.86 0.78
dalay Protectorate, in-	1,123,264	50,58	Zanzibar Gambia and Protectorate	216,790 200,000	212.54 48.38
cidding Johore	1,140,404	2025.43	Comple and Lintertolding	~~0,000	ZO. 00

<sup>(</sup>a) Number of persons per square mile.

## POPULATION, WORLD'S .- NUMBER AND DENSITY-continued.

Country.	Population.	Density (a).	Country.	Population.	Density, (a).
AFRICA—continued.			SOUTH AMERICA.		
Togoland (British)	188 265	14.94	Brazil	36,870,972	11.22
Réunion	188,265 186,637	192.41	Argentine Republic	10,348,189	11.22 8.97
Bechuanaland Protectorate	152,983	0.56		6,617,833	15.01
Cape Verde Islands		88,91	Colombia Peru	5,550,000	10,43
Spanish Guinea	140,000	12.95	Chile	4.004.014	19.80
Comoro and Mayotte		151.02	Bolivia	4,004,014 3,464,945	6.73 7.75 23.84
Swaziland	112,838	14,65	Venezuela		7.75
St. Thomas and Principe	59,055	184.55	Venezuela Uruguay Ecuador and Galapagos Paraguay Panama Republic British Gulana Dutch Gulana French Gulana Franama Canal Zone Falkland Islands South Georgia	1,720,468	23.84
French Somaliland	56,059	9 68	Ecuador and Galapagos	1,562,500	14,21
Seychelles Fernando Po, etc. Ifni Sokotra St. Helena	26,397	169.21 29.99	Paraguay	828,969	13.45
Fernando Po, etc	23,846	29,99	Panama Republic	442,522	13.67
Lini	20,000	20,73	British Guiana	306,844	3.43
Sokotra	12,000	8.68	Dutch Guiana	142,896	2.63
St. Helena	3,728	79.32	French Guiana	47,341	1,36
Rio de Oro and Adrar	495	0.004	Panama Canal Zone	27,642	49.90
Ascension	250	7.35	Falkland Islands and		
Tristan da Cunha	130	10.83	South Georgia	4,166	1.74
Total	136,111,857	10.44	Total	74,992,798	10,51
	<del></del>		-		
			OCEANIA, ETC.		
NORTH AND CENTRAL		1 !	Australia	(b) 6,294,854	2.12
AMERICA.		} i	New Zealand	1,465,325	14.11
			Territory of New Guinea	400,000	4.72
United States of America	118,628,000	39.19	Hawaii	299,000	46.36
Mexico	14,234,799	18.55		276,452	3.05
Canada	9.519.220	2.55	Dutch New Guinea	195,460	1.22
Canada Cuba	3,568,552 2,300,200	2.55 80.80	Fiji	171,644	24,23
Haiti	2,300,200	225.42	Solomon Islands (British)	150,583	13.69
Guatemala	2,004,900	47.34	New Hebrides	66,000	11.58
Salvador	1,657,000	125.76	Marshall Islands, etc	56,175	58,52
Porto Rico	1,299,809	378.40	New Caledonia	56,065	6.56
Jamaica, including Turks and Caicos Islands, etc.	000.00			40,558	32,45
and Calcos Islands, etc.	936,927	200.46	Gilbert and Ellice Islands	00,001	29.06
Santo Domingo	897,405	46.42	Gilbert and Ellice Islands Colony French Oceania Tonga Guam Samoa (American) Nouru Norfolk Island Pitcairn Island Phoenix Group	29,381 35,862	23.59
Honduras Nicaragua Costa Rica Trinidad and Tobago	773,408	17.42 12.35	French Oceania	25,918	67.32
Nicaragua	638,119 471,525	12.35	Tonga	17,018	81.04
Trinidad and Tobago	387,470	20.50	Guam	8,772	141,48
Newfoundland and	301,410	196.09	Name (American)	2,163	216.30
Lahrador	. 262,299	1.61	Norfolk Island	747	57.46
Labrador Martinique Guadeloupe and Dependencies Windward Islands	244,482	635.02	Ditagira Island	140	70.00
Guadeloupe and De-	211,102	055.02	Phoenix Group	59	3,68
nendencies	243,243	199.38	I noemix droup		
Windward Islands	177,070	346.16	Total	9,592,176	2,77
Barbados	169,385	1020.42	10		
Leeward Islands	122,242	170 97		l .	
Curacao	58,162	170.97 144.32	SUMMARY.	!	
Whitward Islands Leeward Islands Curacao Bahamas Alaska British Honduras Virgin Islands Bermudas Greenland	58,101	13.19		·	
Alaska		0.09	Europe	472,359,993	$121.55 \\ 67.07$
British Honduras		l 5.65	Europe Asia America, North and Central	472,359,993 1,068,788,893	67.07
Virgin Islands	26,051	197.36	America, North and Central	158,830,487	18.33
Bermudas	30,113	197.36 1584.89	Africa	136,111,857 74,992,798	10.44
Greenland	14,355	0.31	America, South	74,992,798	10.5 2.77
St. Pierre et Miquelon	4,030	43, 33	Africa America, South Oceania, etc	9,592,176	2,77
Total	158,830,487	18,33		1,920,676,204	36,84

<sup>(</sup>a) Number of persons per square mile.

2. Position of the British Empire.—The approximate relationship of the British Empire to the world as a whole in regard to its area and population is given hereunder:—

# BRITISH EMPIRE IN RELATION TO THE WORLD.

Particulars.		The World.	British Empire
Area in square miles (exclusive of Polar Circles) Population	::	52,130,000 1,920,676,000 36.8	13,397,000 456,544,000 34.1

<sup>(</sup>b) Including 60,000 aboriginals.

# § 8. General Characteristics.

1. Sex Distribution.—(i) General. The distribution of the sexes in the populations of young countries shows marked contrasts to that of older countries. In young countries there will be, invariably, a greater number of males than females, whereas in countries which have been long settled the females predominate. In the older countries the populations have grown almost entirely by the excess of births over deaths, which tends towards equality in the numbers of the sexes. The table on page 908, however, shows that in many instances, this natural tendency has been deflected to an excess This has been due possibly to the following causes—(a) preponderance of of females. males amongst emigrants; (b) greater propensity of males to travel; (c) employment of males away from the home country in the army, navy, and mercantile marine; (d) effects of war. In a young country, on the other hand, the increase in the population is largely brought about by immigration, in which males preponderate. The pioneering conditions of a young country, naturally, are less attractive to females than to males, and in the case of Australia, the disabilities inseparable from the early stages of settlement were aggravated by the great distance from the mother country.

Information regarding the sexes of the first settlers in Australia is not available, but on the 31st December, 1796—nearly nine years later—there was an excess of 44 males in every 100 of a total population of 4,100.

The subsequent development of the natural industries of the country attracted male rather than female immigrants, and notwithstanding the equalizing tendency of the expanding factor of natural increase, and the heavy loss of males through the war, the population of Australia, on the 31st December, 1927, contained an excess of 2.32 males in every 100 persons.

The relation between the degree of development of a country and the masculinity of its population is exemplified by the conditions in the various Australian States. The table on page 884 shows that the greatest masculinity is associated with the smallest density of population, i.e., the masculinity is greatest in the less developed States. For instance, in Queensland, which embraces over 22 per cent. of the area of Australia, but which holds only 14 per cent. of the total population (1.34 persons per sq. mile) the masculinity is 5.68, and in Western Australia, where the density of population is less (0.40 persons per sq. mile), the masculinity is greater (7.89). On the other hand, in Victoria, where the density is greatest (19.81 persons per sq. mile), there is an excess of females of 0.38 per 100 persons. In fact, if either Victoria or Tasmania be excluded, the masculinity indexes for all the other States will fall in reverse sequence to the indexes to density.

The position in South Australia is somewhat unusual, inasmuch as the people of that State are concentrated within a relatively small area, while a large portion of the area carries no population, and the masculinity, therefore, is governed by the density of the populated area.

(ii) Masculinity. On pages 163 to 165 in the second issue of this publication a table was included showing the masculinity of the population of each of the States for each year from 1796 to 1907. In the fifth issue, on page 123, the figures in this table for the years 1901 to 1907 were modified in accordance with the results of the Census of 3rd April, 1911.

The figures given in those tables showed the number of males to each 100 females, but it is considered that a more satisfactory index is obtained by computing the ratio of the excess of males over females to the total population. This ratio, expressed as a percentage, has been adopted as the "masculinity" of the population, and the ratios so computed are given hereunder for intervals of ten years from 1800 to 1910 and for the five years 1923 to 1927:—

## POPULATION.-MASCULINITY, 1800 TO 1927.

(Excess of Males over Females per 100 of Population.)

			Terri						
Year.	N.S.W.(a)	Victoria.	Q'land.	S.A.(b)	W. Aust.	Tasmania.	Northern	Fed. Cap.	Australia.
1800	44.91					<b>.</b>			44.91
1810	31.16			••				••	31.16
1820	41.81				••			••	41.81
1830	52.06	• •		• •	49.66	49.17		••	51.02
1840	34.25	• •		13.08	24.10	39.31		• •	33.72
1850	16.13			12.72	21.51	28.44			17.76
1860	13.53	22.74	19.88	2.47	25.07	10.56		• •	16.72
1870	9.29	9.74	20.10	2.84	23.42	6.09		••	9.54
1880	9.28	4.95	17.53	6.69	14.92	5.53			7.95
1890	8.28	5.06	13.87	4.12	18.98	5.61		••	7.43
1900	5.28	0.61	11.24	1.98	22.34	3.83	76.57	• • •	5.01
1910	4.41	-0.65	8.69	1.54	14.13	2.03	65.89	••	3.79
1920	2.11	-1.33	5,66	-0.08	6.78	0.83	45.95	7.71	1.70
1923	2.03	-0.76	5.60	1.13	7.08	0.01	42.17	7.32	1.93
1924	2.09	-0.53	5.43	1.65	7.29	-0.32	41.12	9.61	2.05
1925	1.95	-0.39	5.63	2.53	7.26	-0.43	39.50	13.31	2.15
1926	1.93	-0.41	5.57	3.41	7.31	-0.98	42.28	14.61	2.20
1927	1.99	-0.38	5.68	3.60	7.89	-0.83	43.87	12.55	2.32

(a) Including Federal Capital Territory prior to 1911. (b) Including Northern Territory prior to 1900. (c) Included with South Australia prior to 1900. (d) Part of New South Wales prior to 1911.

NOTE.—The minus sign (—) denotes excess of females over males per 100 of persons.

The table shows the progress towards equalization of the sexes as the country developed, and conditions suitable to family life became more general.

The war naturally had a great effect on the masculinity of the population. In 1913 there was in Australia as a whole an excess of 4.41 males in every 100 persons, but by 1918 the excess was on the side of females to the extent of 0.96 per 100 persons. This excess of females was experienced in Victoria, South Australia, and Tasmania, but, largely by the return of the military forces, the excess of males was restored in all States except Victoria; subsequent changes, however, brought about an excess of females over males in Tasmania.

Graphs showing the masculinity of the population of each State and of Australia accompany this chapter.

The difference between young and old countries in the masculinity of their populations is clearly illustrated by the comparisons furnished in the following table, which are based on the latest statistics available. It is interesting to note that of the countries named, Chile is the only non-European country with an excess of females:—

#### POPULATION OF VARIOUS COUNTRIES.-MASCULINITY.

				:
	918 7.27	Denmark	1925	-2.39
Coylon 19	5.91	Norway	1920	-2.60
	921 2.73	Hungary	1921	-2.97
India (Feudatory States) 19	2.73	Prussia	1925	-3.00
Australia 19	927 2.32	Spain	1920	-3.07
Union of South Africa(a) 19	926 2.17	Northern Ireland	1926	-3.18
New Zealand 19	927 2.11	Poland	1921	-3.37
United States of America   19	920 1.98	Bavaria	1925	-3.42
	926   1.38	German Empire	1925	-3.47
	926 1.01	Austria	1923	-3.65
	919 0.75	Switzerland	1920	-3.69
	921 0.31	Scotland	1926	-3.84
	$921 \mid -0.52$	Great Britain and	Ì	i .
	$920 \mid -0.57$	Northern Ireland	1926	-4.20
	924 - 0.78	England and Wales	1926	-4.28
	$925 \mid -1.19$	France	1921	-4.92
	$923 \mid -1.23$	Portugal	1920	-5.23
	$921 \mid -1.37$	Netherlands	1923	-7.29
	$926 \mid -1.80$	Russia (European)	1920	-9.56
Jugo-Slavia 19	$921 \mid -1.92$		ļ	ì

NOTE.—The minus sign (—) denotes excess of females over males in each 100 of population.

(a) White population only.

2. Age Distribution.—(i) Australia. The causes which brought about the excess of males also made the age constitution of the population of Australia essentially different from that of older countries. The high birth rate of the earlier years, coupled with the low average age of immigrants, produced a population in which young and middle-aged persons were above, and the persons of advanced ages were below, the normal proportions. With time, however, these differences have been modified, so that they are no longer important.

The following table shows the proportions in three main groups of ages, of the population of Australia over a period of 60 years in decennial periods from 1861, and of England and Wales for 1861, 1911 and 1921. The percentages are in all cases based on Census results. The Australian figures for 1861 include the results of the Western Australian Census of 1859, and those for 1871 include the results of the Western Australian and Tasmanian Censuses of 1870.

Throughout the period covered by the table, the age distribution of the Australian population has varied considerably in consequence of the fluctuations of the birth-rate and of net migration.

There is a steady approach to similarity in the age composition of males to that of females in harmony with the equalization of the numbers of each sex, and an increasing similarity in the composition of the Australian population to that of England and Wales.

## POPULATION.-AGE DISTRIBUTION.

AUSTRALIA, 1861 TO 1921.  AUSTRALIA, 1861 TO 1921.    Years.   65.   over.   Years.   65.   over.     Years.   65.   over.			Mal	les.			Fema	les.			Perso	ns.	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		15	15 and under	and	Total.	15	under	and	Total.	15	under	and	Total.
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					A		1001		0.1				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					AUS	TRALIA,	1861	ro 19:	21.				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		%	%	%	%	1 %	%	%	1 %	%	1 %	.%	%
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1861	31.41	67.42	1.17	100	43.03	56.20	0.77		36.28	62.72		100
1891 34.77   62.02   3.21   100   39.36   58.08   2.56   100   36.90   60.20   2.90	1871	38.84	59.11	2.05	100	46.02	52.60	1.38	100	42.09	56.17	1.74	100
	1881	36.37	60.85	2,78	100	41.89	56.07	2.04	100	38.91	58.65	2.44	100
1001   122 87   61 82   4 31   100   126 50   50 85   12 65   100   125 12   60 88   4 00	1891	34.77	62.02	3.21	100	39.36	58.08	2.56	100	36.90	60.20	2.90	100
Tant :   100'01   01'07   2'01   100    100'00   100'00   100    100'17   100'00   2'00	1901	33.87	61.82	4.31	100	36.50	59.85	3.65	100	35.12	60.88	4.00	100
1911.   30.84   64.82   4.34   100     32.52   63.28   4.20   100     31.65   64.08   4.27	1911	30.84	64.82	4.34	100	32.52	63.28	4.20	100	31.65	64.08	4.27	100
1921. 31.64 63.88 4.48 100 31.79 63.83 4.38 100 31.71 63.86 4.43	1921	31.64	63.88	4.48	100	31.79	63.83	4.38	100	31.71	63.86	4.43	100

1861 1911 1921	36.70	58.97	4.33	100	34.62	60.44	4.94	100	35.64	59.72	4.64	100
1911	31.70	63.66	4.64	100	29.64	64.62	5.74	100	30.64	64.16	5.20	100
1921	29.24	65.34	5.42	100	26.32	67.06	6.62	100	27.72	66.24	6.04	100

(ii) States and Territories. The disparity in sex distribution in the States is accompanied by a corresponding inequality in age distribution. For convenient comparison in respect to ages, the several populations may each be divided into groups, indicative of dependence on the one hand, and ability to support on the other. The usual division for this purpose is into an initial group of "under 15" classed as "dependent age," a second group of "15 and under 65" classed as "supporting age," and a final group of "65 and upwards" classed "old age." From certain points of view the division might be into two classes, the "supporting" and the "dependent," as the majority of those aged "65 and upwards" strictly belong to the dependent class. The number and proportion of persons in each State and Territory at the Census of 4th April, 1921, in each of the three groups mentioned, were as follows:—

POPULATION.—DEPENDENT, SUPPORTING, AND OLD AGE GROUPS, 4th APRIL, 1921.

		Number of Pe	rsons of—		Propor la	tion of P tion of—	opu-
State or Territory.	Dependent age (under 15).	Supporting age (15 and under 65).	Old age (65 and upwards).	All ages.	Dependent age (under 15).	Supporting age (15 and under 65).	Old age (65 and upwards).
States—					%	%	%
New South Wales	677,770	1.332,214	90,387	2,100,371	32.26	% 63.42	4.32
Victoria	455,640	1,002,050	73,590	1,531,280	29.76	65.43	4.81
Queensland	251,445	474,160	30,367	755,972	33.27	62.71	4.02
South Australia	156,560	313,318	25,282	495,160	31.63	63.26	5.11
Western Australia	107,390	214,508	10,834	332,732	32.27	64.47	3.26
Tasmania	73,420	130,279	10,081	213,780	34.34	60.95	4.71
Territories—					1	1	1
Northern	806	2,859	202	3,867	20.84	73.94	5.22
Federal Capital	847	1,648	77	2,572	32.93	64.07	3.00
Australia	1,723,878	3.471,036	240.820	5.435.734	31.71	63.86	4.43

Victoria has the highest proportion of the population in the "supporting" agegroup, while Tasmania has the lowest proportion. This high proportion in Victoria is largely due to the relatively low birth-rate in that State during the years which produced the lives under 15 years at the Census of 1921. The relatively small proportion of the population in the age group 15-65 in Tasmania is due to the fact that many Tasmanians, in their early adult years, seek the wider opportunities available on the mainland.

POPULATION.—IN AGE GROUPS, 4th APRIL, 1921. (Exclusive of Full-blood Aboriginals.)

Age last			State	s.			Terri	tories.	Australia.
Birthday.	·N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- erp.	Fed. Cap.	Austrana.
0- 4 5- 9 10-14 15-19 20-24 25-29 30-34 85-39 40-44 45-49 55-59 65-69 65-69 70-74 75-79 80-84 85-89 90 and over	239,340 233,424 205,600 175,178 172,086 178,516 180,372 155,623 129,060 105,450 91,822 76,911 62,105 39,868 25,047 15,128 6,769 2,548 6,769	30,771 19,239 12,241 6,822 3,008 988	90,148 86,655 74,783 65,470 66,317 65,728 62,858 51,707 43,321 36,193 32,513 26,921 20,925 13,289 8,152 2,610 2,610 840 214	53,902 54,798 47,936 41,183 40,238 42,308 41,261 29,880 23,981 22,096 18,582 10,981 10,981 10,981 21,000 857 25,252	34,977 37,884 34,533 29,668 25,769 24,290 22,922 22,885 21,477 18,444 13,363 8,967 5,122 2,955 1,665 1,665 248 53	325 91	331 289 184 196 285 929 345 258 265 273 229 128 53 229 128 53 22 25 128	326 293 221 273 245 215 215 238 194 151 123 74 85 61 37 13 15	600,206 595,758 520,040 462,428 452,311 460,718 447,615 385,637 270,367 255,056 215,082 168,704 104,604 64,946 39,873 10,879 7,831 2,268
Unspecified	4,860	2,668	2,288	1,220	2,451		142		14,210
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734
Under 21 21 and over Unspecified	889,082 1,206,429 4,860	613,454 915,158 2,668	330,556 423,128 2,288	206,070 287,870 1,220	142,801 187,480 2,451	97,181 116,018 581	1,060 2,665 142	1,183 1,389	2,281,387 3,140,137 14,210
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734

- 3. Race and Nationality.—(i) General. With regard to its racial characteristics, the population of Australia may be divided into two main groups, one comprising the aboriginal natives, and the other consisting of the various immigrant races which have made the country their home. [It will of course be understood that full-blood aboriginals are not counted in the population.] The term "immigrant races" naturally covers not only those residents of Australia who were born in other countries, but includes their descendants who were born in Australia.
- (ii) Aboriginals. (a) Early Estimates of Numbers. The number of aboriginals in Australia at the advent of the white race has been estimated by various observers at somewhere in the vicinity of 150,000, but this figure must be regarded as a very rough approximation only.
- (b) Various Estimates from 1826 to 1921. In 1826 the native black population in the settled districts of New South Wales numbered 3,019, this figure, however, offering little indication of the total for the whole State.

In Victoria an enumeration of the aboriginals in the settled districts in 1861 gave a total of 2,384, while at the Census of 1871, 1,330 were enumerated. In New South Wales 983 were counted in 1871 who were more or less in contact with white settlers, and it was estimated that 12,000 others were living in a wild and wandering condition.

At the Census of 1881 the aboriginals recorded in Victoria had dwindled to 780. In New South Wales the number enumerated was 1,643, while the unenumerated were estimated at 10,000. In South Australia (exclusive of the Northern Territory) the number counted and estimated was 6,346. In Queensland officers of the Police Department supplied an estimate of 20,585.

At the Census of 1891 the number in Victoria had decreased to 317. In New South Wales, where the first complete enumeration of the blacks was made, the number was returned as 5,097. In Western Australia 5,670 were enumerated, this figure, however, excluding natives not in contact with white settlers.

At the Census of 1911, 19,939 aboriginals were recorded for the whole of Australia,

the figure again being exclusive of natives in unsettled areas.

At the Census of 1921 special efforts were made to obtain a reliable indication of the number of aboriginals living in the various States, including wild and wandering natives, as well as those in contact with the whites. Great difficulty was experienced in gaining anything like a reliable estimate in regard to the numbers of those in a wild state in Western Australia, the Northern Territory, and Queensland. The estimates gave a total of 60,300, distributed as follows:—New South Wales, 1,597; Victoria, 144; Queensland, 14,014; South Australia, 1,609; Western Australia, 25,587; Northern Territory, 17,349. (It may be mentioned here that the last representative of the Tasmanian aboriginals died in 1876.)

(c) Census of Aboriginals in 1927. A census of the aboriginal population taken in 1927 gave the following results:—

## CENSUS OF ABORIGINALS, 30th JUNE, 1927.

Description.		South les.	Vict	oria.		ens- nd.	Sou Austr			stern ralia.	Nort Terri	hern tory.	То	tal.
	м.	F.	М.	F.	м.	F.	М.	F.	M.	F.	M.	F.	M.	F.
					F	ULL-I	BLOOD	s.						
Adults— Nomadic Regular Em-			3	. 3	•	1,054		579	2,883 2,339	i '	6,554		11,284	9,391
ployment Supervised Camps Not stated	409	 285	26	 16	2,283 2,294 307		319 65	173 35	2,559 815 11	1,817 825 28	1,350 679	785 639	6,291 3,879 727	3,333 3,840 639
Children— Nomadic Regular Em- ployment		••		••	361 	341	170	140	448	393	2,206	1,886	3,185	2,760
Supervised Camps Not stated	i31	139			990 260	986 221	1 22	4 14	183 348	164 277	385 77	357 49	1,564 838	1,514 700
Total	540	424	34	22	7,712	5,811	1,204	945	a12,027	a10,968	11,251	9,007	32,768	27,177
Persons	90	64	56	3	13,	523	2,14	9	22	,995	20,	258	. 59	,945
						HALF	-CAST	ES.						
Adults — Nomadic Regular Em-			37 47	28 32	133 626	70 340	101 234	151 122	· 216	165 325	33 193	24 143	520 1,525	438 962
Supervised Camps Not stated Children—	1,659	1,274	54 18	63 20	407 - 91	521 114	162		119 7	100	2	41	744 1,775	926 1,461
Nomadic ¡ Regular Em- ployment Supervised			20	 	58		159	144	133		31	26	401	363 
Camps Not stated	1,490	1,406	64 32	49 24	527 382 ——	503 386	140 30	145 25	151 281	164 265	83 61	83 62	965 2,276	944 2,168
Total	3,149	2,680	272	234	2,224	1,986	826	728	1,332	1,255	403	379	8,206	7,262
Persons	5,8	329	50	06	4,9	210	1,55	54	2,58	37	782	2	15,4	68

<sup>(</sup>a) Including 5,000 estimated as living outside the influence of Europeans.
Noie.—In the case of aboriginals, all those twelve years of age and over are counted as adults, and the balance as children.

The figures for 1927 show a small decrease from the total for 1921. Except in a few places where the blacks are under missionary influence, the numbers generally tend to decline, and the figures for New South Wales and Victoria, which are probably the most reliable, certainly evidence a rapid decline since the foundation of white settlement,

(d) Decline in Numbers since 1891. As evidence of the decline alluded to in the previous sub-section, a table is appended showing the numbers in the States of New South Wales and Victoria from 1891 onwards:—

### NEW SOUTH WALES AND VICTORIA.—FULL-BLOOD ABORIGINALS, 1891 TO 1927.

State.	1891.	1901.	1911.	1921.	1926.	1927.
New South Wales	5,097	3,778	2,012	1,597	1,031	964
Victoria	317	250	196	144	55	56

The figures refer to full-blood aboriginals actually enumerated at the dates mentioned.

(iii) Immigrant Races. The immigrant races consist mainly of natives of the British Isles and their descendants. Of the total population (5,435,734) enumerated at the Census of 1921, 5,387,143, or over 99 per cent., were of European race. Of the remainder, 30,975 were full-blood, and 17,616 were half-caste non-Europeans.

The Census figures included all persons on board ships which were in Australian waters on the night of the Census, and 4,576 persons of full-blood and 49 half-castes of non-European race were thus enumerated. Amongst the 4,576 full-bloods were 1,018 Chinese, 1,330 Japanese, 942 Hindus, and 623 Malays.

The following table shows the number of full-blood and half-caste persons of non-European race—according to continental divisions—who were included in the Census of 1921. Of the 28,215 full-blood Asiatics, 17,157 were Chinese, 2,881 Hindus, 2,892 Syrians, 2,740 Japanese, and 1,087 Malays. The number of full-blood non-Europeans enumerated at the Census of 1921 was less than in 1911 by 6,814, or 18.03 per cent., whereas the half-caste non-Europeans had increased by 3,062, or 21.03 per cent. During the intercensal period the number of full-blood Chinese declined by 5,596, Japanese by 749, and Hindus by 418. The non-European element is relatively strongest in those parts of Australia where there are bêche-de-mer and pearl fisheries. More detailed information relating to the non-European races in the Australian population may be found in the Census Bulletins and Parts:—

#### POPULATION.—NON-EUROPEAN RACES, CENSUS, 4th APRIL, 1921.

(Exclusive of Full-blood Aboriginals.)

	Aus- tralian.	Asia	tic.	Afri	can.	Ame	rican.	Polyn	esian.	Inde	finite.	То	tal.
States and Territories.	Half- caste Abori- ginals.		Half- caste.										Half- caste.
A1-1							. —		i				
States-	4.500	10 000	0.001	70	1 44.0		35		1 400	- 00		11 001	
N.S. Wales	4,588	10,608		72	116	31		832		38	7	11,081	
Victoria	442		1,255	15	40	8	19	. 8	8	23	1	4,346	
Queensland	3,090	7,122		42	27	25	21	1,869	247	155	6	9,213	4,844
S. Australia	811	1,210		13	5	17	4	••	2	56	2	1,296	1,048
W. Australia	1,960	3,734	242	13	7	14	7	10		3	3	3,774	2,223
Tasmania	152	327	78	1					2	1		329	232
Territories-		- 1							1		!		
Northern	460	913	21	3				7	1	4		927	·482
Federal Capital	33	. 9	•••							••		9	33
Australia	11,536	28,215	5,354	159	195	95	86	2,226	426	280	19	30,975	17,616

The proportion of population of non-European race (exclusive of full-blood aboriginals) in each State and Territory is shown in the following table, full-blood and half-caste non-Europeans being shown separately:—

#### POPULATION.—NON-EUROPEAN RACES, PROPORTIONS, CENSUS, 4th APRIL, 1921.

# (EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

				Non-En	ropean Race.		
States and Territories.	Total	Full	-blood.	Hal	f-caste.	To	otal.
	Population.	Number.	Number per 1,000 of Total Population.	Number.	Number per 1,000 of Total Population.	Number.	Number per 1,000 of Total Population
States—					1		
N.S. Wales	2,100,371	11,081	5.27	6,989	3.33	18,070	8.60
Victoria	1,531,280	4,346	2.84	1,765	1.15	6,111	3.99
Queensland	755,972	9,213	12.19	4,844	6.41	14,057	18.60
S. Australia	495,160	1,296	2.62	1,048	2.11	2,344	4.73
W. Australia	332,732	3,774	11.34	2,223	6.67	5,997	18.01
Tasmania	213,780	329	1.54	232	1.09	561	2.63
Territories—		1					1
Northern	3,867	927	239.70	482	124.64	1,409	364.34
Fed. Capital	2,572	9	3.50	33	12.83	42	16.33
		<b> </b>	l				
Australia	5,435,734	30,975	5.70	17,616	3.24	48,591	8.94

<sup>(</sup>iv) Biological and Sociological Significance. The population of Australia is fundamentally British in race and nationality, and furnishes an example of the transplanting of a race into conditions greatly different from those in which it had been developed. The biological and sociological significance of this will ultimately appear in the physical and moral constitution produced by the complete change of climatic and social environment. The new conditions are likely to modify considerably the physical characteristics and the social instincts of the constituents of the population. At present, the characteristics of the Australian population, whether physical, mental, moral, or social, are only in the making, and probably a distinct Australian type will not appear until three or four generations more have passed. Even then, it is probable that, with the great extent of territory and differing conditions there will be a number of types varying with locality. At present the Australian is little more than a transplanted Briton, with the essential characteristics of his British forbears, with perhaps some accentuation of the desire for freedom from restraint. The greater opportunity for an open-air life, and the absence of the restricting conventions of older countries, may be mainly responsible for this development.

<sup>(</sup>v) Nationality. Prior to the Census of 1921 no attempt had been made to ascertain the allegiance of the people, except in so far as a person was or was not a British subject. At the last Census all persons were asked to state their nationality, and the results which are given in the following table, show that of a total population of 5,435,734, as many as 5,387,205, or over 99 per cent., were definitely stated to be British subjects. Of the foreign element, the Chinese were the most numerous, representing 30 per cent. of the foreign people and 2.56 in every 1,000 of the total population:—

# POPULATION.—NATIONALITY (ALLEGIANCE), AUSTRALIA, CENSUS, 4th APRIL, 1921.

(EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

Nationali	4	4t	ı April, 19	21.	N. Alamaka	4tl	n April, 192	1.
Nationali	ty.	Males.	Females.	Persons.	Nationality.	Males.	Males.	Persons.
British Foreign→	•••	2,722,152	2,665,053	5,387,205	Foreign—continued. Jugo-Slavian	502 960	107	609 1,025
roreigu→ Austrian		217	40	257	Norwegian Polish	351	149	500
Belgian		171	106	277	Russian	1,655	662	2 317
Bulgarian		56	10	! 66	Spanish	405	140	545
Chinese		13,614	185	13,799	Swedish	1,399	80	1,479
Czecho-Slov	akian	97	22	119	Swiss	413	151	564
Danish		956	260	1,216	Turkish	. 72	26	98
Dutch		1,430	187	1,617	U.S. of America	2,520	737	3,257
Finnish		517	37	554	Other	1,042	376	1,418
French		1,221	867	2,088	t		·	I — —
German		2,538	1,017	3,555	Total Foreign	39,067	6,687	45,754
Greek		2,430	387	2,817			· ———	
Hungarian		28	7	35	Not stated	1,651	1,124	2,775
Italian	• •	3,984		4,903			:	1
Japanese		2,489	150	2,639	Grand Total	2,762,870	2,672,864	5,435,734

(vi) Birthplaces. The proportion of native-born in the Australian population has increased rapidly in recent years. At the Census of 1921 the Australian-born numbered 4,581,663 persons, or 84.51 per cent. of a total population of 5,421,242 persons whose birthplaces were specified. Of the remainder, 676,387, or 12.48 per cent., were natives of the British Isles, and 38,611, or 0.71 per cent., were natives of New Zealand, so that 97.70 of the total population at that time had been born either in Australasia or in the British Isles. Excluding these, the following countries are the most important recorded as the birthplaces of persons in Australia at the Census of 1921:—

Germany, 22,396 (0.41 per cent.); China, 15,224 (0.28 per cent.); Scandinavia (comprising Sweden, Norway, and Denmark), 14,341 (0.26 per cent.); Italy, 8,135 (0.15 per cent.); British India, 6,918 (0.13 per cent.); United States of America, 6,604 (0.12 per cent.); Union of South Africa, 5,408 (0.10 per cent.); Canada, 3,550 (0.07 per cent.)

The Australian-born element is lowest in Western Australia and Queensland, where the density of population is also least, but where the masculinity is greatest. On the other hand, in Tasmania, where the density is high and the masculinity is low, the proportion of Australian-born is highest. These related facts indicate that conditions throughout these territorially larger but less developed States hitherto have been, on the whole, less attractive to women and less conducive to the rearing of families than the conditions existing in the more settled States.

Information in greater detail respecting birthplaces will be found in Bulletins and other matter published in connexion with the Census of 1921.

### POPULATION .-- BIRTHPLACES AT CENSUS OF 1921.

(Exclusive of Full-blood Aboriginals.)

				Sta	tes.			Terri	tories.	!
Birthplace	·. ·	N.s.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern.	Fed. Cap.	Australia.
				P	ERSONS.					
Australia Ray New Zealand British Isles Other Europ Countries Asia Africa America Polynesia (a) At Sea Ray Unspecified	ean	1,772,614 19,266 260,426 19,948 11,036 2,769 5,244 1,882 1,283 5,903	1,330,136 11,210 161,117 13,266 5,218 2,004 3,022 354 1,111 3,842	2,949 128,234 20,064 6,745 741 1,763	436,991 1,218 46,326 6,371 1,518 473 754 82 394 1,033	248,866 2,540 66,739 7,256 4,410 577 971 85 234 1,054	196,245 1,360 12,750 951 711 192 279 58 92 1,142	2,536 41 410 168 638 16 34 8 4	2,112 27 385 18 16 3 5 5	4,581,663 38,611 676,387 68,042 30,292 6,775 12,072 3,692 3,708 14,492
Total .		2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734

#### POPULATION.—BIRTHPLACES AT CENSUS OF 1921—continued.

			Stat	es.			Terr	itories.	:
Birthplace.	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern.	Fed. Cap.	Australia
		PERCEN	TAGE OF	TOTAL	Popula	TION.			<del></del>
Australia New Zealand British, Isles Other European	84.64 0.92 12.43	87.08 0.74 10.55	76.49 0.39 17.00	% 88.44 0.25 9.37	75.03 0.77 20.12	92.29 0.64 6.00	65.78 1.06 10.64	% 82.12 1.05 14.97	% 84.51 0.71 12.48
Countries Asia Africa America Polynesia(a) At Sea	0.95 0.53 0.13 0.25 0.09 0.06	0.87 0.34 0.13 0.20 0.02 0.07	2.66 0.89 0.10 0.23 0.16 0.08	1.29 0.31 0.09 0.15 0.02 0.08	2.19 1.33 .0.17 0.29 0.03 0.07	0.45 0.33 0.09 0.13 0.03 0.04	4.30 16.55 0.42 0.88 0.21 0.10	0.70 0.62 0.12 0.19 0.19 0.04	1.28 0.56 0.12 0.22 0.07 0.07
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

<sup>(</sup>a) Includes Norfolk Island, Papua, and the Territory of New Guinea.

(vii) Length of Residence of Immigrants. At the Census of 1921 the population of Australia included 839,579 persons who were classed as immigrants, and the following table shows the number of years during which these people had resided in Australia. The number of persons whose length of residence is shown as less than one year is necessarily large, as it includes many persons, such as the crews of oversea ships, travellers, and others, who did not intend to remain in the country. The variations in the numbers with different periods of residence show the fluctuations in the volume of immigration. Thus the figures for length of residence groups 5-9 years and 10-14 years include those persons who arrived in Australia during the years 1911-1913 when immigration was large, those for the groups 30-44 years represent the arrivals during the boom period of the eighties of last century, while those for the groups 65-74 represent the survivors of the gold rush of the fifties.

POPULATION.—IMMIGRANT—LENGTH OF RESIDENCE IN AUSTRALIA, CENSUS, 4th APRIL, 1921.

Com	umber pleted Reside	Years	Males.	Females.	Persons.	Number of Completed Years of Residence.	Males.	Females.	Persons
0			28,386	19,827	48,213	60-64	10,372	11,671	22,043
1			8,375	16,998	25,373	65-69	11,378	13,594	24,972
2		}	2,026	2,490	4,516	70-74	2,875	3,669	6,544
8		!	1,715	1,404	3,119	75-79	716	935	1,651
4			2,779	2,623	5,402	80-84	519	693	1,212
5-9			111,895	87,723	199,618	85-89	. 78	124	' 202
10-14			58,919	31,883	90,802	90-94	16	15	- 31
15-19		:.	15,077	7,818	22,895	95 and upwards	1	·	1 1
20-24			18,875	8,990	27,865	Not stated	13,903	12,050	25,953
25-29			16,873	10,721	27,594	i	-	. <del></del>	·
30-34			47,206	32,273	79,479	Total	480,618	358,961	839,579
85-39			56,144	38,272	94,416	Born in Australia	2,273,999	2,307,664	4,581,663
40-44			31,843	20,851	52,694	Birthplace not stated		6,239	14,492
45-49		!	16,616	11,776	28,392		\ <del></del>		
50-54			10,954	9,649	20,603	Total Population	2,762,870	2,672,864	5,435,784
55-59			13,077	12,912	25,989	1	1	1	1

Further details are available from the Bulletins and Parts published in connexion with the Census of 1921.

4. Education.—(i) General. The information concerning educational attainments which can be satisfactorily collected at a Census is necessarily meagre. In Australia the particulars ascertained have never amounted to more than a statement as to whether or not a person could read and write. The results, therefore, merely divide the population into three main groups, viz.:—(a) Those who cannot read; (b) those who can read but cannot write; and (c) those able to read and write. Of the 5,435,734 persons who

comprised the population of Australia on the 4th April, 1921, there were 805,798 who were definitely shown to be unable to read, and there were 86,641 persons whose ability in this direction was not stated. Thus, approximately 15 per cent. of the population were unable to read. Of the 805,798 persons returned as unable to read, 600,206, or 74.5 per cent., were under five years of age, and many of the remaining 25.5 per cent. were also children. Allowing for those persons whose ability to read and write was unspecified, it may be said that over 95 per cent. of the population over five years of age can read and write, and of those over ten years of age more than 98 per cent. can read and write. The number of persons returned at the Census of 1921 as able to read but unable to write was 14,493, of whom 943 could read a foreign language only. With the exception of New Zealand, there is probably no country in the world so strikingly unilingual as Australia.

POPULATION.—EDUCATION, CENSUS OF 4th APRIL, 1921.
(EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

	English Language.		Foreign Language only.		Canno	t Read.	Tin.	
States and Territories.	Read and Write.	Read only.	Read and Write.	Read only.	Under age 5 years.	Age 5 years and over.	Un- specified.	l. Australia.
New South Wales Victoria Victoria Queensland South Australia Western Australia Tasmania Terrories Northern Federal Capital	1,725,326 1,309,334 619,447 411,256 273,079 170,748 2,331 2,069	5,291 2,838 2,621 1,476 743 566	4,190 2,558 4,502 1,030 2,485 120 325 7	296 230 288 64 57 5	239,340 155,636 90,148 53,902 34,977 25,546 331 326	92,858 39,971 28,897 18,046 13,224 11,796 657 143	33,070 20,713 10,069 9,386 8,167 5,004 213	2,100,371 1,531,280 755,972 495,160 332,732 213,780 3,867 2,572
Australia	4,513,585	13,550	15,217	943	600,206	205,592	86,641	5,435,734

<sup>(</sup>ii) Place of Education. At the Census of 1921 the place of instruction was given for 1,023,462 persons, and of these 74.93 per cent. were attending State schools, 18.93 per cent. were at private schools, 2.43 per cent. at technical schools, 3 per cent. were receiving instruction at home, and 7 per thousand were attending universities. Of the males receiving instruction, 75.35 per cent. were at State schools, and 17.04 per cent. were at private schools; of the females 73.96 per cent. were at State schools and 20.90 per cent. at private schools.

POPULATION.—PLACE OF EDUCATION, CENSUS, 4th APRIL, 1921.
(Exclusive of Full-blood Aboriginals.)

					Number being educated at—						
States and Territories.	States and Territories.		Private School.	Technical School.	Univer- sity.	At Home.	Total.				
STATES— New South Wales Victoria Queensland South Australia Western Australia Tasmania TERRITORIES— TERRITORIES—	  	291,365 203,625 116,050 72,397 50,356 32,459	77,553 59,788 23,457 14,382 12,299 6,204	8,906 8,097 3,012 1,599 2,585 512	2,934 2,663 261 990 267 137	13,181 5,772 6,163 2,042 1,932 1,540	393,939 279,945 148,943 91,410 67,439 40,852				
Northern Federal Capital	••	239 350	58 33	i72	::	50 32	347 587				
Australia	••	766,841	193,774	24,883	7,252	30,712	1,023,462				

<sup>5.</sup> Religions.—At the Census of the 4th April, 1921, of a total population of 5,435,734, the number who objected to state their religion was 46,268; a further number of 45,990 failed to specify their religion in any degree; 20,544 stated that they had no religion;

and 19,886 classed themselves in indefinite groups, such as "Freethinker," "Agnostic," "No Denomination," etc. Of those remaining (5,303,046), 5,267,641, or 99.33 per cent., were definitely stated to be Christians, and 35,405 were stated to be Non-Christians. The number who were definitely stated to be Christians represented nearly 97 per cent. of the total population. Of the total Christians, 2,372,995, or 45.04 per cent., belonged to the Church of England; 1,134,002, or 21.53 per cent., to the Roman Catholic Church; 636,974, or 12.09 per cent., to the Presbyterian Church; and 632,629, or 12.01 per cent., were Methodists. Thus, the four denominations named embraced over 90 per cent. of the declared Christians. It is possible that the number given above for Roman Catholics may be somewhat understated, as some of those shown in the table as "Catholic undefined" were doubtless Roman Catholics.

# POPULATION OF AUSTRALIA, CENSUSES OF 1901, 1911, AND 1921, ACCORDING TO RELIGION.

Religion.	Census of 31st March, 1901.	Census of 3rd April, 1911.	Census of 4th April, 1921.	<u> </u>	Census of 31st March, 1901.	Census of 3rd April, 1911.	Census of 4th April, 1921.
Baptist Catholic, Roman Catholic, Greek Catholic, Undefined Church of Christ Church of England	89,838 850,620 1,314 5,179 24,192 1,497,576	921,425 2,646 75,379 38,748	1,134,002 5,372 38,659	III. INDEFINITE— Freethinker Agnostic No Denomination Others	9,182 971 19,757 1,101	3,254 3,084 2,688 5,647	3,629 3,234 3,376 9,647
Congregational Independent	73,561		,	Total	31,011	14,673	19,886
Lutheran	75,021 504,101 426,105 20,558 31,100 3,332 2,629 21,823	547,806 558,336 109,861 26,665 6,095 2,175	632,629 636,974 67,112 31,589 11,305 1,714	IV. No Religion— Atheist Others	274 6,505		1,200 19,344
Total, Christian	3,626,449	4,274,414	5,267,641	Total	6,779	10,016	20,544
II. NON-CHRISTIAN— Hebrew Buddhist Chinese Confucian Mohammedan Pagan Others, Non-Christian	15,239 35,666 2,466	$   \left\{     \begin{array}{l}       3,269 \\       3,283 \\       5,194 \\       3,908 \\       1,447   \end{array}   \right. $	2,065 3,591 2,692 2,868 457	V. Object to State	42,131	,	46,268
Others, Non-Christian	2,466	2,397	2,117	VI. UNSPECIFIED	14,060	36,114	45,990
Total, Non-Christian	53,371	36,785	35,405	GRAND TOTAL 3	,773,801	4,455,005	5,435,734

6. Conjugal Condition.—The number of persons whose conjugal condition was definitely stated at the Census of 4th April, 1921, was 5,421,191, of whom 2,753,740 were males and 2,667,451 were females. Of the 5,421,191 persons referred to, 1,998,662, or 36.86 per cent., were married, as compared with 33 per cent. in 1911; 237,821, or 4.39 per cent., were widowed; 8,528, or 0.15 per cent., were divorced; and 3,176,180, or 58.60 per cent., had never married. Of those who had never married, 1,725,004, or 54.31 per cent., were under 15 years of ago. The proportion of married persons per cent. to the total population of the several States varied in the following order:—South Australia, 38.14; New South Wales, 37.40; Western Australia, 36.85; Victoria, 36.63; Tasmania, 35.88; and Queensland, 35.32. On the basis of the adult population, the percentage of married persons in Australia was about 63.36, and in each State was approximately as follows:—Tasmania, 65.66; South Australia, 65.31; New South Wales, 64.78; Western Australia, 64.16; Queensland, 62.65; and Victoria, 60.99.

### POPULATION .- CONJUGAL CONDITION, CENSUS, 4th APRIL, 1921.

(EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

	1		Territories.						
Conjugal Condition.	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern.	Fed. Cap.	Australia
Never married— Under age 15 Age 15 and over	678,364 540,267	455,936 434,010	251,586 206,632	156,636 126,301	107,394 87,241	73,444 54,297	804 1,709		1,725,004 1,451,176
Total never married	1,218,631	889,946	458,218	282,937	194,635	127,741	2,513	1,559	3,176,180
Married	783,730 88,552 4,609 4,849	559,677 76,207 2,313 3,137	266,307 29,040 488 1,919	188,708 21,919 384 1,122	121,635 13,054 610 2,798	76,482 8,874 118 565	1,076 121 5 152	957 54 1 1	1,998,662 237,821 8,528 14,543
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734

- 7. Occupations.—(i) General. The following table shows, for each State and Territory, and for Australia as a whole, the population grouped according to the various classes of occupations. The bulletins which have been published in connexion with the Census of 1921 give, in greater detail than is possible here, the occupations of the people of each State and Australia, and give comparisons of the results of the Censuses of 1911 and 1921.
- (ii) Breadwinners. After distributing the number of persons whose occupations were not specified there were at the Census of 1921, 2,322,471 breadwinners, representing 42.7 per cent. of the total population. At the Census of 1911, the breadwinners represented 45 per cent. of the population. Of the total male population, 67.25 per cent. were breadwinners in 1921, as compared with 69.4 per cent. in 1911. Of the female population the percentage of breadwinners was 17.4 in 1921, and 18.6 in 1911. The proportion of females to the total of breadwinners was almost identical at both periods, being about 20 per cent.
- (iii) Industrial. The decade 1911-1921 marks an interesting phase in the industrial development of Australia, inasmuch as, during that period, the persons engaged in manufacturing and other construction work became more numerous than those engaged in primary production. In 1911, the Industrial Class already had first place in New South Wales, Victoria and South Australia, but in the other States the predominance of the Primary Class was such that, for Australia as a whole, the Primary Class was the greater. In 1921, the preponderance of the Industrial Class in New South Wales, Victoria, and South Australia had increased to such an extent, and at the same time the excess in favour of the primary industries, though still existent in Queensland, Western Australia, and Tasmania, had so diminished, that the number of persons engaged in industrial occupations throughout Australia exceeded those in the primary industries by 126,066, or by nearly 21 per cent. In 1911 the primary industries employed 39,711 persons, or 7.0 per cent., more than were employed in the industrial group. Of the total of 2,322,471 breadwinners in 1921, 725,816, or 31.2 per cent., belonged to the Industrial Class, as compared with 569,132, or 28.4 per cent., of all breadwinners in 1911. The principal group within the Industrial Class is composed of the manufacturing industries. During the intercensal period, the number of persons engaged in manufacturing industries increased from 367,939, or 18.4 per cent., of all breadwinners in 1911, to 442,598, or 19 per cent., of breadwinners in 1921, an increase of 74,659, or 20.3 per cent.
- (iv) Primary Producers. As mentioned in the preceding paragraph, the primary producers have ceased to be the most numerous of the occupational classes. In 1911 the primary producers numbered 608,843, or 30.4 per cent., of all breadwinners, while the number decreased to 599,750, representing only 25.8 per cent. of the breadwinners in 1921. The number of persons engaged in Agriculture increased by 14.3

per cent. from 295,710 to 338,088. This increase in numbers however represents a relative decline of about two per thousand of all breadwinners. The number engaged in the Pastoral Industries declined from 157,967 to 142,349, or by nearly 10 per cent. The number engaged in Mining was less in 1921 by 42,866, or 39 per cent., having fallen to 66,882 from 109,748, in 1911. Those engaged in Forestry and in connexion with Water Supply, though still relatively few, increased substantially—the former by 20 per cent., and the latter by 48 per cent.

(v) Commercial. The number of persons recorded as engaged in commercial pursuits in Australia as a whole increased by 22.1 per cent. during the intercensal decade, the increases in the various States ranging from about 15½ per cent. in Victoria to 29 per cent. in New South Wales. This class represented 15.3 per cent of all breadwinners in Australia in 1921, as against 14.5 per cent. in 1911. The similar proportions in the various States in 1921 were:—New South Wales, 15.7 per cent.; Victoria, 16.1 per cent.; Queensland, 13.3 per cent.; South Australia, 16 per cent.; Western Australia, 14.9 per cent.; and Tasmania, 12.2 per cent.

(vi) Domestic. Notwithstanding an increase in the number in the Domestic Class from 202,925 in 1911 to 210,362 in 1921, the class relatively to the total breadwinners declined from 10.1 per cent. in 1911 to 9.1 per cent. in 1921. For Australia as a whole the number in the Domestic Class increased by 7,437, of whom 6,203 were females. The number in this class was actually less in 1921 in Victoria by 7 per cent., and in Tasmania by 8.8 per cent, than in 1911, while in the other States the increases varied from 3.0 per cent. in Western Australia to 11.2 per cent. in New South Wales.

(vii) Transport and Communication. The number of persons employed in connexion with transport and communication increased from 158,854, or 8 per cent., of all breadwinners in 1911, to 208,222, or 9 per cent. in 1921.

(viii) Professional. The Professional Class embraces all persons, not otherwise-classed, who are mainly engaged in government and defence, and in ministering to the moral, intellectual, and social wants of the community. The number of persons in this class increased from 146,608 in 1911 to 201,887 in 1921, or by 37.7 per cent. The Professional Class represented 8.7 per cent. of all breadwinners in 1921, as compared with 7.3 per cent. in 1911.

POPULATION.—OCCUPATIONS, CENSUS OF 4th APRIL, 1921. (EXCLUSIVE OF FULL-BLOOD ABORIGINALS.)

			Stat	es.			Territ	-	
Occupation.	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern.	Fed. Cap.	Australia
Class			•						
I. Professional	78,004	60,732	26,081	15,898	13,493	6,957	165	557	201,887
II. Domestic	81,858	58,291	28,818	19,660	14,145	7,306	213	71	210,362
III. Commercial	139,044	108,190	43,149	32,936	21,959	10,263	190	36	355,767
IV. Transport and	1	l	l			l	[ ]		
Communica-	1 04			10.00	1				
tion	84,719	53,445	29,833	19,507	14,321	6,085	270	42	208,222
V. Industrial	285,665	234,829	85,623	63,640	32,794	22,603	457	205	725,816
VI. Primary Pro-	208,936	147.514	100 710	52,658	40 900	00 011	1,298	315	599,750
VII. Independent	8,099	7,691	109,719	1,226	49,399 815	29,911 810	1,490		20,667
vii. independent	0,099	1,091	2,025	1,220	813	910			20,007
Total Breadwinners	886,325	670,692	325,248	205,525	146,926	83,935	2,594	1,226	2,322,471
VIII. Dependents	1,214,046	860,588	430,724	289,635	185,806	129,845	1,273	1,346	3,113,263
	ļ		<u>'</u>			<del></del>			
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734

<sup>(</sup>ix) Changes in Occupation, 1871 to 1921. The following table shows the changes which have taken place in the occupations of the people in the 50 years from 1871 to 1921, and illustrates the relative decline in the number of breadwinners engaged in the primary industries and the corresponding expansion of the other industrial groups. The arrest of progress from the financial crisis of the nineties is also brought into striking relief. From the Census of 1871 the proportion engaged in the primary group fell, and that in the industrial group rose until at the Census of 1891 the two groups were

practically equal. The Census of 1901, i.e., after the financial collapse, showed a reversion to the primary from the secondary industries. A feature of the movement of that time was the transfer of workers from the industries of the eastern States to the gold-fields of Western Australia. The same cause was no doubt responsible for the increased proportion represented in 1901 by the domestic class, which, with this exception, has declined since 1881. The curve of the development of the industrial group during the twenty years 1901–1921 is somewhat similar to that during the period 1871 to 1891, but, whereas in 1891 the proportions represented by the industrial and primary groups were equal, in 1921 the industrial group represented 31.2 per cent. of all breadwinners, and the primary group 25.8 per cent. only.

Increased proportions in the professional, commercial, and transport classes evidence the higher standard of life and the increasing complexity of the social structure.

POPULATION.—OCCUPATIONS, AUSTRALIA, CENSUSES 1871 TO 1921.

Occupations.	1871.	1881.	1891.	1901.	1911.	1921.
I. Professional	35,534	50,495	84,887	112,356	146,608	201,887
II. Domestic	79,684	111,164	158,651	202,216	202,925	210,362
III. Commercial	56,131	83,918	167,653	224,028	291,366	355,767
IV. Transport and	,	1				'
Communication	26,173	41.445	92.632	122,702	158,854	208,222
V. Industrial	182,615	269,140	419,445	429.012	569,132	725,816
VI. Primary Producers	303,044	349,344	419,499	535,766	608,843	599,750
VII. Independent	5,953	8,778	23,126	22,430	26,402	20,667
Total Bread-		\		İ		
winners	689,134	914.284	1,365,893	1,648,510	2.004.130	2,322,471
VIII. Dependents	979,452	1,338,333		2,125,291	2,450,875	3,113,263
				!		
Total	1,668,586	2,252,617	3,174,392	3,773,801	4,455,005	5,435,734

NOTE.—In this table those cases for which no occupation was stated have been distributed proportionately over the various classes of breadwinners.

OCCUPATIONS.—PERCENTAGES OF EACH CLASS ON TOTAL BREADWINNERS, AUSTRALIA, CENSUSES 1871 TO 1921.

Occupations.				1871.	1881.	1891.	1901.	1911.	1921.
D. 1. 1. 1				%,	%_	%	%	%	% -
Professional	• •	••	• •	5.1	5.5		6.8	7.3	8.7
Domestic		• • •		11.6	12.2	11.6	12.2	10.1	9.1
Commercial				8.1	9.2	12.3	13.6	14.5	15.3
Transport and	Transport and Communication .				4.5	6.8	7.4	8.0	9.0
Industrial				26.5	29.4	30.7	26.1	28.4	31.2
Primary				44.0	38.2	30.7	32.5	30.4	25.8
Independent	•:	• •	• •	0.9	1.0	1.7	1.4	1.3	0.9
Tot	al Bread	lwinners	•••	100.0	100.0	100.0	100.0	100.0	100.0

<sup>8.</sup> Grade of Employment—(i) General. The term "grade of employment" indicates the capacity in which persons are employed in the various branches of industry. The grades recorded are five in number, viz.:—(a) Employer, (b) Working on own account, (c) Assisting but not receiving wages or salary, (d) Receiving wages or salary, and (e) Unemployed. In addition to these categories provision is made for (f) Grade not applicable—which consists mainly of dependents and persons of independent means not engaged in gainful occupations, and (g) Grade not stated.

(ii) Employers and Workers on Own Account. For all States the figures show a decline in the number of employers, and an increase in the number of those working on their own account. For Australia as a whole the number of employers fell from

222,866 in 1911 to 141,570 in 1921, or by 36.5 per cent., while the number working on their own account increased by 87.5 per cent. from 185,161 in 1911, to 347,250 in 1921. From these results it would appear that many of the small employers of 1911 had dispensed with paid assistance in 1921. It is probable, also, that the establishment of returned soldiers in small businesses and other ventures increased the number of workers on their own account.

(iii) Assisting, but not Receiving Wages. The number of those assisting, but not receiving wages or salary—mainly sons, daughters, or other relatives of the principal—fell by 55.4 per cent., from 78,427 in 1911 to 34,983 in 1921.

(iv) Wage Earners. In considering the proportion of the wage and salary-earning division of the community, account must be taken of the persons returned as unemployed at the date of the Census, since, ordinarily, these persons are wage or salary earners. Combining the two grades, therefore, it appears that of the total population of Australia on the 4th April, 1921, the wage and salary earners represented 31 per cent. Excluding those persons to whom grade of employment is not applicable, about 74 per cent. of male breadwinners and 86 per cent. of the female breadwinners were wage or salary earners.

(v) Unemployed. The number returned as unemployed in 1921 was nearly three times as great as in 1911, this result being confirmed by figures collected in connexion with the Labour and Industrial Branch of the Bureau of Census and Statistics.

# POPULATION.—GRADE OF EMPLOYMENT, AUSTRALIA, CENSUS OF 4th APRIL, 1921.

			Stat	es.			Territories.		İ	
Grade.	N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern.	Fed. Cap.	Australia	
Employer Working on own	48,674	45,289	19,770	13,590	9,317	4,792	101	37	141,570	
account Assisting but not receiving wages or	123,668	98,293	54,302	31,893	23,445	14,902	607	140	347,250	
salary Receiving wages or	11,046	11,803	5,748	2,931	1,498	1,942	10	5	34,983	
salary	593,283 62,502 1,261,198	437,679 40,443 897,773	197,165 33,665 445,322	137,478 10,692 298,576	96,879 9,157 192,436	54,247 4,116 133,781	1,473 356 1,320	832 25 1,533	1,519,036 160,956 3,231,939	
Total	2,100,371	1,531,280	755,972	495,160	332,732	213,780	3,867	2,572	5,435,734	

9. Unemployment.—(i) Causes. At the Census of the 4th April, 1921, there were in Australia 1,679,992 wage or salary earners, of whom 160,956 were unemployed. The following table shows that approximately 50 per cent. of the unemployment was due to scarcity of work, 29 per cent. to illness or accident, 3 per cent. to industrial disputes, 1.5 per cent. to old age, and 17 per cent. to other causes.

# POPULATION.—CAUSES OF UNEMPLOYMENT, AUSTRALIA, CENSUS OF 4th APRIL, 1921.

#### . (Exclusive of Full-blood Aboriginals.)

Particulars.	Scarcity of Em- ployment.	Iliness.	Accident.	Industrial Dispute.	Old Age.	Other Cause.	Total.
Males Females	72,882 6,456	31,648 10,170	4,833 261	4,511 307	2,199 77	23,365 4,247	139,438 21,518
Persons	79,338	41,818	5,094	4,818	2,276	27,612	160,956

(ii) Duration. At the Census of 1921 persons who were unemployed on Saturday, 2nd April, 1921, were asked to state the number of working days during which they had been out of work. The results of the enquiry show that approximately 46 per cent. were unemployed under five weeks, 17.2 per cent. from five to ten weeks, 10.6 per cent. from ten to fifteen weeks, and 26.2 per cent. above fifteen weeks:—

# POPULATION.—DURATION OF UNEMPLOYMENT, AUSTRALIA, CENSUS OF 4th APRIL. 1921.

EXCLUSIVE	ΩÆ	FILL BLOOD	ABORIGINALS.)
LIAULUSIVE	UF	T. OTTR-PTOOD	ABURIGINALS.

Duration of Unemployment In Working Days.		<b>4</b> t	h April, 192	:1.	Duration of	4th April, 1921			
		Males.	Females.	Persons.	Unemployment in Working Days.	Males.	Females.	Persons.	
Under 10		26,215	4,101	30,316	70-79	4.991	807	5,798	
10-19		22,482	3,440	25,922	80–89	2,862	409	3,271	
20-29		15,221	2,381	17,602	90 and over	36,950	5,426	42,376	
<b>30–</b> 39		12,113	1,906	14,019	<u> </u>		1		
40-49		7,273	1,199	8,472	1		l		
<b>50-59</b>		4,479	748	5,227	lt.		1		
<b>60</b> –69		6,852	1,101	7,953	Total	139,438	21,518	160,956	

(iii) Unemployment in States. Particulars regarding unemployment in the separate States at the time of the Census may be found in Part XVII. (Occupations) of the tables relating to the Census of 1921.

#### § 9. Dwellings.

[Note.—Information concerning dwellings will be found in detail in Census Parts Nos. XVIII.—XXV.]

- 1. General.—The following table represents a summary of the information relating to dwellings which was obtained at the Census of 1921. Including those in course of construction there were in Australia on the 4th April, 1921, 1,210,786 dwellings-including hotels, boarding-houses, hospitals, gaols and any structure for the purpose of shelter as a dwelling, but excluding wagons used as camps, and dwellings occupied solely by fullblood aboriginals. The number of dwellings per square mile varies from 1 to every 433 square miles in the Northern Territory to 3.96 (approximately one dwelling to every quarter of a square mile) in Victoria, the average throughout Australia being 0.41. Of the total dwellings referred to above, 51,163 were stated to be unoccupied. description does not, however, mean all dwellings so returned were "to let" but, merely. that they had no inmates on the night of the census. The average number of rooms per occupied dwelling ranged from 5.33 in Victoria to 4.59 in Western Australia, the average for Australia being 4.96 as compared with 5.18 in 1911. The number of persons per occupied dwelling varied from 4.85 in New South Wales, to 4.52 in Western Australia, the average for Australia being 4.71, as compared with 4.82 in 1911. For Australia as a whole, there were 0.95 persons per room in 1921, as against 0.93 persons in 1911.
- 2. Occupied Private Dwellings.—A better index to the housing conditions of the people is obtained by excluding all other than occupied private dwellings. The following table shows that of the 1,153,285 occupied dwellings in Australia, 1,107,010 were private dwellings. These contained an average of 4.94 rooms in 1921, as compared with 4.93 in

1911, and had an average of 4.40 immates, as against 4.53 in 1911. The number of immates per room in occupied private dwellings in Australia declined from 0.92 in 1911 to 0.89 in 1921.

3. Private Dwellings occupied by Tenants.—For Australia as a whole the proportion of private dwellings which were occupied by tenants dropped from 47.78 per cent. in 1911 to 43.68 in 1921. The falling off was due mainly to the increase in the number of dwellings occupied by rent purchasers resultant on the policies of the State Governments of advancing money for the building of homes, and on the activities of the War Service Homes Commissioners.

#### DWELLINGS.—AUSTRALIA, CENSUS, 4th APRIL, 1921.

(EXCLUSIVE OF DWELLINGS OCCUPIED SOLELY BY FULL-BLOOD ABORIGINALS.)

Donation to an at			Sta	tes.			Terri	tories.	
Particulars of Dwellings.	New South Wales.	Victoria.	Q'land.	South Aust.	West.	Tas- mania.	North- ern.	Fed. Cap.	Australia
All Dwellings Occupied(a) Unoccupied Being Built	432,976 18,619 2,724	331,290 14,994 2,009	160,139 6,747 347	107,914 4,431 674	73,548 3,274 289	45,818 2,934 295	1,074 135	526 29	1,153,285 51,163 6,338
Total Dwellings Number of Dwellings	454,319	348,293	167,233	113,019	77,111	49,047	1,209		1,210,786
per square mile Rooms per Occupied	1.47	3.96	0.25	0.30	0.08	1.87	.002	0.59	0.41
Dwelling Population per Oc-	5.23	5.33	5.31	5.09	4.59	4.70	2.80	5.29	4.96
cupied Dwelling	4.85	4.62	4.72	4.59	4.52	4.67	3.60	4.89	4.71
Occupied Private Dwellings Rooms per Dwelling Inmates per Room Percentage occupied by Tenants Weekly Rental Value (b)	414,468 4.97 4.52 0.91 49.72 18s. 2d.	318,936 5.11 4.34 0.85 42.46 169. 11d.	153,313 4.94 4.40 0.89 33.59 13s. 6d.	104,295 4.90 4.34 0.89 40.67 14s. 7d.	70,185 4.22 4.11 0.97 36.95	44,432 4.80 4.44 0.93 47.30	1,005 2.70 2.83 1.05 25.31 13s. 5d.	4.85 4.39 0.91 65.18	1,107,010 4.94 4.40 0.89 43.68 16s.6d.

<sup>(</sup>a) Excluding Wagons and Camps, occupied by tenants.

- 4. Private Dwellings in Urban and Rural Divisions.—(i) General. The following table, which relates to occupied private dwellings in the Urban and Rural Divisions of Australia, shows that, while the average number of rooms and the average number of inmates per occupied private dwelling are greater in the Metropolitan Area than in the Urban Provincial or Rural Districts, the average number of inmates per room is least in the Metropolitan Districts.
- (ii) Tenants. The proportion of occupied private dwellings occupied by tenants is greatest in the Metropolitan Areas, where it represents 53.17 per cent. of all dwellings for which the mode of occupancy was stated, as against 46.05 per cent. in the Urban Provincial Districts, and 31.02 per cent. in the Rural Districts. In urban districts, however, the dwelling is as a rule valued as a purely residential entity, whereas in rural districts the productive property of the land—to which the dwelling is an appurtenance—is most often the incentive to ownership.

<sup>(</sup>b) Average weekly rental value of private dwellings

(iii) Rental Value. Considerable divergence was shown between the Metropolitan and other divisions of the country in the weekly rental value of private dwellings, which vary from an average of 9s. 11d. in the Rural Districts to 20s. 8d. in the Metropolitan Areas.

# OCCUPIED PRIVATE DWELLINGS.—URBAN AND RURAL, AUSTRALIA, CENSUS, 4th APRIL, 1921.

<b>.</b>		Urt	oan.		m
Particulars,		Metropolitan.	Provincial.	Rural.	Total.
Occupied Private Dwellings		467,913	207,807	431,290	1,107,010
Rooms per Dwelling	• •	5.15	5.07	4.66	4.94
Inmates per Dwelling	• •	4.42	4.40	4.39 0.95	4.40 0.89
Inmates per Room Percentage occupied by Tenants	• •	0.86 53.17	$0.87 \\ 46.05$	31.02	43.68
Weekly Rental Value $(a)$		20s. 8d.	14s. 0d.	9s. 11d.	16s. 6d.

<sup>(</sup>a) Average weekly rental value of private dwellings occupied by tenants.

- 5. Private Dwellings in Metropolitan Areas.—(i) General. The number of rooms per dwelling in these areas varied from a minimum of 4.67 in Perth to a maximum of 5.47 in Brisbane—a difference of 17 per cent., but the number of inmates per dwelling varied from 4.31 in Adelaide to 4.52 in Sydney—a difference of 5 per cent. only. The average number of inmates per room was highest in Perth, with 95 persons to every 100 rooms, and lowest in Brisbane, where there were 81 persons to every 100 rooms.
- (ii) Tenants. The proportion of private dwellings in Metropolitan Areas occupied by tenants ranged from 39.18 per cent. in Brisbane to 59.22 per cent. in Sydney, the average for the six capitals being 53.17 per cent., as against 63.48 per cent. in 1911. As already mentioned, the decline during the decade 1911-1921 in the proportion of tenants was due largely to the action of the State Governments and of the War Service Homes Commissioners in facilitating the acquisition of houses under the system of purchase by instalment.
- (iii) Rental Value. The weekly rent of private dwellings ranged from 17s. 1d. per week in Hobart to 23s. per week in Sydney.

# OCCUPIED PRIVATE DWELLINGS IN METROPOLITAN AREAS.—CENSUS, 4th APRIL, 1921.

Particulars of Dwellings.	Sydney and Suburbs.	Melbourne and Suburbs.	and	and	and	Hobart and Suburbs.	Total.
Occupied Private Dwellings Rooms per Dwelling Inmates per Dwelling Inmates per Room Percentage occupied by Tenanta Weekly Rental Value(a) Weekly Rental Value per Room	173,322	158,001	42,378	53,741	29,741	10,730	467,913
	5.14	5.19	5.47	5.06	4.67	5.10	5.15
	4.52	4.34	4.44	4.31	4.43	4.35	4.42
	0.88	0.84	0.81	0.85	0.95	0.85	0.86
	59.22	54.14	39.18	46.64	43.57	55.02	53.17
	23s. 0d.	20s. 0d.	17s, 2d.	17s. 9d.	17s. 8d.	17s. 1d.	20s. 8d.
	4s. 6d.	3s. 10d.	3s, 2d.	3s. 6d.	3s. 10d.	3s. 5d.	4s. 0d.

#### § 10. Immigration.

### (A) The Encouragement of Immigration into Australia.

- 1. General.—Various measures have from time to time been adopted by the Commonwealth and State Governments, as well as by private societies and individuals, to promote the immigration of suitable settlers into Australia. The activities of the Commonwealth Government (which is vested with constitutional powers in regard to immigration under section 51, xxvii., of the Constitution Act 1900) with respect to the encouragement of immigration, were formerly confined to advertising the resources and attractions of Australia by means of exhibitions, and in handbooks, newspapers, and periodicals. During the war, immigration operations were almost entirely suspended.
- 2. Joint Commonwealth and States' Immigration Scheme.—In 1920 an arrangement was arrived at between the Commonwealth and State Governments under which the Commonwealth is responsible for the recruiting of immigrants abroad and for their transport to Australia, whilst the State Governments advise the Commonwealth as to the numbers and classes of immigrants which they are prepared to receive. Briefly stated, the Commonwealth selects the immigrant according to the requirements of the State concerned and brings him to Australia, and on his arrival the State Government assumes the responsibility for placing him in employment or upon the land. Incidentally, the Commonwealth undertakes all publicity and propaganda in connexion with the encouragement of immigration.
- 3. Assisted Passages.—During the period 1st May, 1925, to 31st March, 1928, the British and Commonwealth Governments jointly donated the following contributions towards the passages of approved settlers for Australia from the United Kingdom:-Children under 12 years, £16 10s. (representing the whole of the half fare); juveniles 12 and under 17 years, £27 10s.; juveniles 17 years and under 19 years, £22; married couples, including widowers or widows, and wives nominated by husbands, with at least, one child under 19 years, £22 per parent (children at rate according to age); domestic servants, £33; others including children 19 years of age and over, £16 10s. Allowing for this financial assistance, children under 12 years will be carried free; juveniles 12 years of age and under 17 years, who are ordinarily charged for by the shipping companies as adult passengers, will merely require to pay £5 10s. each; juveniles 17 years and under 19 years, £11 each; married couples, including widowers or widows, and wives nominated by husbands, with at least one child under 19 years, £11 per parent (children at rate according to age); domestic servants free; others, including children 19 years and over, £16 10s. each. Persons who have previously resided in the Commonwealth are not eligible for assistance. In addition to these contributions, loans of the balance of the passage money are in special cases granted by the Governments concerned. Persons entitled to assisted passages are divided into two classes-"Selected" and "Nominated." "Selected" immigrants are those such as farm workers and domestics who are originally recruited abroad by the Commonwealth Government. "Nominated" immigrants are those nominated by persons resident in Australia, and the nominators, who must submit their applications through the officers in charge of the State Immigration Offices in the various capital cities, are held responsible for their nominees upon arrival, so that they shall not become a burden upon the State.

Intending settlers or immigrants may, on application, obtain full information from the Director of Migration and Settlement, Australia House, Strand, London, W.C.2.; or from the Secretary, Development and Migration Commission, "Kurrajong House" 175-177 Collins-street, Melbourne.

4 Migration Agreement between British and Commonwealth Governments.— On the 8th April, 1925, the British and Commonwealth Governments entered into an agreement under which it is proposed to furnish to the Governments of the various States, loan moneys at a very low rate of interest, to enable suitable areas of land to be made available for settlement, or to enable such public works to be carried out as will tend to develop and expand settlement areas or will enable areas already settled to carry a greater population. The maximum amount of loan moneys provided for in the agreement is £34,000,000. It is provided that for every principal sum of £75 issued to a State Government under the agreement, one assisted migrant shall sail direct from the United Kingdom and be received into and satisfactorily settled in the State concerned. If full advantage is taken of the offer of loan moneys contained in the agreement, 450,000 new settlers will be absorbed during a period of ten years.

5. Results of Assisted Immigration.—In the earlier days of settlement in Australia, State-assisted immigration played an important part. Such assistance ceased for the time being in Victoria in 1873, in South Australia in 1886, and in Tasmania in 1891. In New South Wales, general State-aided immigration was discontinued in the year 1887, but those who arrived under that system and were still residing in New South Wales, might, under special regulations, send for their wives and families. A certain amount of passage money, graduated according to the age of the immigrant, had to be paid in each case. Under the provisions of these regulations, immigrants to the number of 1,994 received State assistance during the years 1883 to 1899 inclusive. From 1900 to 1905 no assistance of any kind was given, but from 1906 onwards assistance has again been granted, In Queensland and Western Australia, such assistance, although varying considerably in volume from year to year, has been accorded for many years past. Assistance to immigrants, which in the case of Victoria had practically ceased in 1873, has recently been again afforded. In South Australia the principle of State assistance was again introduced in 1911, and in Tasmania in 1912.

The number of assisted immigrants for the years 1914 to 1927 and the total from the earliest years up to the end of 1927 are given in the following table:—

	Pe	ersons.		N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	F.C. Terr.	Total.
No. A	Assisted	durin	g 1914	6,655	7,496	4,096	644	1,729	185		20,805
,,	,,	,,	1915	1,695	1,724	1,599	79	635	64		5,796
,,	**	,,	1916	649	327	300	• • •	103	18		1,397
,,	,,	,,	1917	239	146	91		26	2		504
,,	**	,,	1918	199	101	100		26			426
,,	,,	,,	1919	67	139	39					245
,,	,,	,,	1920	3,211	2,763	1,272		1,499	314		9,059
,,	,,	,,	1921	4,980	3,987	1,147	572	3,381	615		14,682
,,	,,	,,	1922	7,087	9,145	1,711	1,531	4,373	411		24,258
,,	,,	,,	1923	5,005	9,504	2,377	1,711	7,654	394		26,645
"	,,	,,	1924	6,211	8,721	1,788	1,375	6,715	226		25,036
,,	,,	,,	1925	8,788	8,589	2,318	1,292	3,701	139		24.827
,,	"	"	1926	12,830	8,586	3,669			152		31,260
,,	,,	,,	1927	10,260	8,847	3,504	2,420	4,879	189	24	30,123
	l from ea										
			years	090 979	047 000	201 070	119 601	70 052	04 600	94	1 00= 000
то	end of	1927	•• j	330,373	247,036	231,972	113,601	18,053	24,023	24	1,025,682

ASSISTED IMMIGRATION.-1914 TO 1927, AND UP TO THE END OF 1927.

### (B) The Regulation of Immigration into Australia.

- 1. Pre-Federal Restrictions.—(i) Alien Races. For many years prior to federation the States had imposed certain restrictions upon the admission of persons desirous of becoming permanent residents. The influx of Chinese, for example, was limited by stringent statutes, and later, general Acts were passed in some of the States which restricted the immigration of other—principally Asiatic—races.
- (ii) Undesirable Immigrants. Further restrictions were placed upon the admission of persons who were undesirable as inhabitants, either for medical or moral reasons, or who were likely to become an economic burden upon the community.

- 2. Powers and Legislation of the Commonwealth.—(i) Constitutional. Under Part V., Sec. 51, xxvii. and xxviii. of the Commonwealth Constitution Act, the Parliament of the Commonwealth is empowered to make laws with respect to immigration and emigration and the influx of criminals. (See page 24 hereinbefore.)
- (ii) Legislation. The powers above specified have been exercised by the Commonwealth Government, and the laws passed in pursuance thereof supersede the previously existing State laws. The present Commonwealth Acts dealing with Immigration are the Immigration Act 1901–1925 and the Contract Immigrants Act 1905. A summary of the provisions of these Acts (excepting the provisions of the Amending Immigration Acts of 1920, 1924 and 1925, which are given below), containing particulars regarding the admission of immigrants, prohibited immigrants, the liabilities of shipmasters and others, and kindred matters will be found in preceding Year Books (see Year Book, No. 12, pp. 1166 to 1168).
- 3. Amending Immigration Act 1920.—The principal provisions of this Act, which came into operation as from the 2nd December, 1920, are those prohibiting the entry of (a) any person who advocates the overthrow by force or violence of the established Government of the Commonwealth or of any State or of any other civilized country, or of all forms of law, etc.; (b) for a period of five years, and thereafter until the Governor-General by proclamation otherwise determines, any person of German, Austro-German, Bulgarian, or Hungarian parentage and nationality, or Turk of Ottoman race; (c) any person over 16 years of age who, on demand by an officer, fails to prove that he is the holder of a valid passport; and (d) any person who has been deported under any Act.

Section 9 of the War Precautions Act Repeal Act also provides for prohibiting the entry of any British subject who upon being required to make and subscribe an oath or affirmation of loyalty fails to do so.

- 4. Amending Immigration Act 1924.—The provisions of this Act were mainly intended to improve the machinery of the existing law. Section 3, paragraph (f), of the principal Act was amended to include amongst the classes of prohibited immigrants any persons who in the opinion of an officer were considered likely to become a charge upon the public through having insufficient means of support or from any other cause. It is now required that every alien immigrant must be in possession of at least £40 landing money, unless his maintenance has been guaranteed by some one residing in Australia.
- 5. Amending Immigration Act 1925.—This measure contains several important amendments, the principal of which are those providing power-(i) To prohibit the entry of any person declared by the Minister to be, in his opinion-from information received from the Government of the United Kingdom or of any other part of the British Dominions or from any foreign Government, through official or diplomatic channels-undesirable as an inhabitant of, or visitor to, the Commonwealth. (ii) To prohibit by proclamation, either wholly or in excess of specified numerical limits, and either permanently or for a specified period, the immigration into the Commonwealth, or the landing at any specified port or place in the Commonwealth, of aliens of any specified nationality, race, class or occupation, in any case where it is deemed desirable so to do—(a) on account of the economic, industrial, or other conditions existing in the Commonwealth; (b) because the persons specified in the proclamation are deemed to be unsuitable for admission into the Commonwealth; or (c) because they are deemed unlikely to become readily assimilated or to assume the duties and responsibilities of Australian citizenship within a reasonable time after their entry. (iii) To deport persons, other than those born in Australia, who have been concerned in Australia in acts directed towards hindering or obstructing, to the prejudice of the public, the transport or the conveyance of passengers, or the provision of necessary services, and whose presence in Australia is considered likely to be injurious to the peace, order, and good government of the Commonwealth. Before action can be taken under the latter provision to deport any person from the Commonwealth, he must be required to appear before a specially appointed Board, to afford him an opportunity to show cause why he should not be deported. The Board will consist of three members nominated by the Minister, and the Chairman must be a person who holds or has held the office of Judge, or of Police, Stipendiary, or Special Magistrate.

6. Compilation of Statistics.—The statistics relative to immigration, which are presented in this Chapter, have been compiled by the Department of Home and Territories in accordance with the provisions of the Immigration Act 1901-25. The number of persons admitted without test includes Australian citizens who have been abroad, and other persons landing in Australia irrespective of the length of time which they propose to stay. Certain persons who are permitted to land (under security for their subsequent departure) pending transhipment to another country are not included. The majority of the persons of Asiatic or other non European nationality shown in the table are former residents of Australia who have returned from visits abroad, or are persons who have been admitted temporarily under exemption certificates, for business, educational, or other purposes. The Immigration Act 1901-25 does not require any statistical record of the departures from Australia.

It may be mentioned, however, in this connexion, that the Bureau of Census and Statistics, for the purpose of estimating the population of Australia, compiles—from data collected by the Department of Trade and Customs—statistics of both arrivals into and departures from Australia. For this compilation, all persons leaving an oversea ship, and all persons joining an oversea ship, in any Australian port, are counted. Consequently the number of arrivals as recorded respectively under the Immigration Act and by this Bureau are not in complete agreement. During the last five years the number of persons who came to Australia but were not permitted to land was 49 in 1923; 50 in 1924; 35 in 1925; 58 in 1926; and 88 in 1927.

7. Persons Admitted Without Dictation Test.—The following table shows the number and nationality of persons admitted during the years 1923 to 1927 without passing the dictation test:—

PERSONS ADMITTED WITHOUT DICTATION TEST.—NATIONALITIES, AUSTRALIA, 1923 TO 1927.

Nationality or Race.	1923.	1924.	1925.	1926.	1927.
EUROPEANS					
	(a)2	9	28	48	91
<b>6</b>	. 84	69	112	106	95
	85,440	88,335	82,662	90,562	93,382
	172	189	150	184	206
	219	248	183	206	199
	154	374	149	126	173
French	. 378	660	577	703	751
German	(a)130	195	288	547	819
	. 922	2,028	645	683	1,593
	1,739	4,540	6,102	3,952	7,884
Jugo-Slavian	240	1,933	950	1,427	1,432
Maltese (British) .	. 323	418	401	384	513
Norwegian and Swedish	491	383	172	258	241
D. Ա. և <sup>-</sup>	. 58	111	178	501	560
Portuguese	. 4				
Dumania	. 14	23	21	34	39
Russian	. 256	312	515	477	371
Spanish	. 85	108	103	92	77
Swiss	. 160	277	258	246	364
Turkish	. 2				• •
Other European .	. 193	428	298	401	1,384
AMERICANS—		İ		İ	
North Americans .	. 1,470	1,400	1,479	1,626	1,884
South Americans .	. 13	27			• •
American Indians .	.		}		
Negroes	. 13	11	9	20	10
West Indians	. 6	2	3	2	4

<sup>(</sup>a) Landed on exemption certificates or under special authority.

PERSONS ADMITTED WITHOUT DICTATION TEST.—NATIONALITIES,
AUSTRALIA, 1923 TO 1927—continued.

Nationality.		1923.	1924.	1925.	1926.	1927.
ASIATICS—			.	j		
Arabs		3	16	7	10	3
Chinese		1,974	1,917	1,256	1,780	1,767
Filipinos	]	25	15	22	15	7
Japanese	)	222	240	440	328	251
Javanese		4	1	12	5	7
Malays		29	23	69	72	16
Natives of India at		141	174	186	188	190
Palestinians		(a)	(a)	87	83	259
Syrians	1	147	288	172	224	222
Timorese		243	316	287	212	
OTHER RACES-			-		.	
Maoris						
Mauritians						
Pacific Islanders		43	50	36	69	55
Papuans		282	365	383	312	354
Unspecified		44	86	39	35	111
Total		95,725	105,571	98,279	105,918	115,314

<sup>(</sup>a) Not previously recorded.

DEPARTURES OF PERSONS OF NON-EUROPEAN RACES—AUSTRALIA, 1923 TO 1927.

Nation	ality.		1923.	1924.	1925.	1926.	1927.
American Negr	oes		4	7	11	9	21
West Indians			7	1		3	5
Afghans			1	2	6		1
Arabs			3	4	9	8	4
Chinese			2,310	1,898	1,732	2,145	2,360
Filipinos		1	23	14	15	33	14
Japanese			436	366	336	293	434
Javanese		[	2	3	7	7	4
Malays			92	43	32	31	63
Natives of Indi	a and C	evlon	167	156	246	212	234
Pacific Islander			38	57	35	43	66
Papuans			359	282	382	323	305
Timorese	••		(a)	(a)	(a)	275	255
Others	• •		214	488	<b>`3</b> 1	38	65
Total			3,656	3,321	2,842	3,420	3,831

<sup>(</sup>a) Not previously recorded.

### (C) Passports.

Provision is made in the Immigration Act 1920 for the production of passports by all persons over 16 years of age who desire to enter Australia. Similarly, the Passports Act 1920 provides that no person over the age of 16 years shall leave Australia unless—.

- (a) he is the holder of a passport or other document authorizing his departure; and
- (b) his passport has been viséed or indorsed in the prescribed manner for that journey, and the visé or indorsement has not been cancelled.

<sup>8.</sup> Departures of Persons of Non-European Races.—The following table shows the number of persons of non-European races who left Australia during the years 1923 to 1927:—

Among the exceptions to this requirement are natural-born British subjects leaving for New Zealand, Papua, or Norfolk Island; members of the crew of any vessel who sign on in Australia for an oversea voyage and who satisfy an authorized officer that they are by occupation seafaring men; aboriginal natives of Asia, or of any island in the East Indies, or in the Indian or Pacific Oceans. The charge for a Commonwealth passport is 10s., and for a visé 2s.

With regard to (b), the Commonwealth Government has agreed to the inclusion of Australia in reciprocal arrangements for the abolition of visé requirements made by the British Government with the respective Governments of the following countries, viz.:—France, Switzerland, Liechtenstein, Italy, Belgium, Denmark, Sweden, and Norway.

#### § 11. Naturalization.

1. Commonwealth Legislation.—A brief summary of the Commonwealth legislation regarding naturalization is given in Year Book No. 15 (p. 1090).

The "Nationality Act 1920" was amended by the "Nationality Act 1922," which extends the operation of the principal Act to the Territories of Papua and Norfolk Island, and to any other territories under the authority of the Commonwealth to which the Governor-General by proclamation declares it to extend. A further amendment made by the Nationality Act 1925, the object of which was to bring the Nationality Act into line with the British law and to meet the wishes of British communities in foreign countries, restores the privilege of British nationality to children of the second generation, and under certain conditions to children of later generations. A penal clause was also inserted dealing with trafficking in naturalization certificates.

The grant of a certificate of naturalization entitles the recipient to all the rights and privileges, and renders him subject to all the obligations of a natural-born British subject, with the exception that where, by any Commonwealth or State Constitution or Act, a distinction is made between natural-born British subjects and naturalized persons, such distinction shall hold good in the case of all persons naturalized under the Commonwealth Act.

The "Nationality Act 1920" provides that applications for certificates of naturalization must be made to the Governor-General, the qualifications required in an applicant being:—(i) Residence in Australia or a Territory continuously for not less than one year immediately preceding his application for naturalization, and previous residence, either in Australia or in some other part of His Majesty's dominions, for a period of four years within the last eight years before the application; (ii) Good character and an adequate knowledge of the English language: and (iii) Intention to settle in the British Empire.

The applicant is required to furnish the following particulars in support of his application:—His own statutory declaration stating—(a) Name; (b) Age; (c) Birthplace; (d) Occupation; (e) Residence; (f) Length of residence in the British Empire; (g) Intention to settle in the British Empire; and (h) Such other particulars as are prescribed. He must also furnish—(a) Newspapers containing copies of an advertisement, as prescribed, of his intention to seek naturalization; (b) Certificates of character from three natural-born British subjects, two of whom must be householders, and the third a Justice of the Peace, Postmaster, State School Teacher, or Police Officer; and (c) Satisfactory evidence that he has an adequate knowledge of the English language.

The Governor-General in Council may, in his absolute discretion, and with or without assigning any reason, grant or withhold a certificate of naturalization as he thinks most conducive to the public good; but the issue of a certificate of naturalization will not be effected until the applicant furnishes a certificate signed by a Justice of the High Court of Australia, a State Judge, or a Magistrate, certifying that he has renounced allegiance to the country of which he was a subject at the time of his application for naturalization, and that he has taken an oath or affirmation of allegiance to the Crown in accordance with the Constitution. The grant of a certificate is made free of charge.

In addition to naturalization by grant of certificate, the act makes provision for—
(a) Naturalization by marriage; and (b) Naturalization by inclusion in certificate granted to parent.

The former relates to the case of a woman who is not herself a British subject, but is married to a British subject; the latter to that of a person who is not a natural-born British subject, but who being under 21 years of age has, at the request of the parent, been included in the certificate granted to him by the Commonwealth. In each instance the person concerned is deemed to be naturalized under the Commonwealth Act.

The Governor-General may revoke a certificate of naturalization on any one of a number of grounds set out in Section 12 of the Nationality Act 1920-22, and the grantee thereupon ceases to be a British subject and is regarded as a subject of the State to which he belonged at the date of issue of the certificate of naturalization.

Where a wife and any minor children have acquired British nationality under the certificate issued to the husband and father, and such certificate is subsequently revoked, the wife and children remain British subjects unless the Governor-General otherwise declares, or unless they themselves elect to make a declaration of alienage.

In accordance with the Act, a list of persons naturalized, with their addresses, is published in the Commonwealth Gazette from time to time.

The administration of the Act is carried out by the Home and Territories Department and the Governor-General is authorized to make such regulations as are necessary or convenient for giving effect to the Act.

2. Certificates Granted.—(i) Australia. Particulars regarding the previous nationalities of the recipients of certificates of naturalization issued under the Act during each of the five years 1923 to 1927, and the countries from which such recipients had come, are given in the following table:—

NATURALIZATION.—COMMONWEALTH CERTIFICATES GRANTED, 1923 TO 1927.

Previous Nationalities of	No	of Ce	of Certificates Granted. Countries from which Recipients of Commonwealth Certificates had		No. of Certificates Granted.						
Recipients.	1923.	1924.	1925.	1926.	1927.	nomo	1923.	1924.	1925.	1926.	1927.
Italian Bwedish	138 27	177 37	154 29	286 - 56	395 38	Great Britain	128 136	122 163	108 142	129 274	60 380
Danish	42	44	36	48	38	Germany	155	151	104	103	77
Russian	82	60	68	62	57	America (North)	55	44	45	54	47
German	196	176	134	126	95	Sweden	7	15	17	28	28
Norwegian	31	30	17	29	33	Denmark	9	21	16	36	32
Greek	141	173	172	215	165	Norway	16	12	13	19	26
American (North)	17	22	19	26	18	Greece	85	131	131	155	143
Dutch	15	22	16	20	20	France	16	25	11	21	16
Swiss	13	15	10	19	28	Egypt	47	31	26	41	11
French	19	33	28	27	22	America (South)	16	14	8	13	4
Spanish	26	22	17	.20	15	Holland	6	9	8	8	14
Belgian	3	3	4	10	10	Russia	43	35	30	28	34
Rumanian	4	- 5	3	4	2	South Africa	- 9	13	15	15	13
Portuguese	2	1	• :	1	2	Belgium	17	2	6	9	8
American (South)	1	· : :	1	2	. 1	New Zealand	17	17	12	9	24
Austrian	14	3	8	9	6	Switzerland	7	11	6	10	25
Mexican		1 12		• • •	• •	Spain	19	12	16	13	.12
Chinese		1			• •	New Caledonia	• •	• • •	5.		3
Serbian	2	3	1 ;	1		Argentine	٠.,	ا نِ ا	2	4	. 3
Syrian	33	31 24	30 22	28 38	18	Canada	6	5	6 15	2	18
Polish	19		27		26	Finland	124	10 121	126	14 130	
Finnish	18	16 66	72	26	24 74	Other Countries	124	121	120	130	105
Others	77			70	_ /4						
Total	920	964	868	1,123	1,087	Total	920	964	868	1,123	1,087

(ii) States. The following table furnishes particulars concerning the States in which the recipients of Commonwealth certificates of naturalization during the years 1923 to 1927 were resident:—

NATURALIZATION.—COMMONWEALTI	I CERTIFICATES	GRANTED	IN	EACH
STATE, ETC.,	1923 TO 1927.			

Yes	ır.	n.s.w.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	Northern Territory.	Australia.
1923		272	145	290	63	145	3	2	920
1924		280	163	254	75	176	10	6	964
1925		294	156	180	60	172	3	. 3	868
1926		385	172	258	67	224	14	3	1,123
1927		364	189	258	61	200	10	5	1,087

3. Census Particulars.—On the Personal Card used at the Census of 4th April, 1921, an inquiry as to naturalization was made, all persons who were British subjects by naturalization being required to indicate the fact by inserting the letter "N" in the place provided for the purpose on the card. In addition, in checking the cards in the Census Bureau, instructions were given that cases of women naturalized by marriage to British subjects, and of children naturalized by residence with parents who have become British subjects, should be duly taken into account by the insertion of the letter "N" if originally omitted. The results of the tabulation will be found in the following table:—

NATURALIZATION.—NATURALIZED BRITISH SUBJECTS, CENSUS OF 4th APRIL, 1921.

Particulars.		States.							Territories.	
		N.S.W.	Victoria.	Q'land.	S. Aust.	W. Aust.	Tas.	North- ern,	Fed. Cap.	Australia.
Males Females		9,300 3,249	6,357 2,434	9,654 5,764	3,098 1,411	2,751 856	568 223	57 6	14 3	31,799 13,946
Persons	••	12,549	8,791	15,418	4,509	3,607	791	63	17	45,745

## § 12. Population of Territories.

At the Census of the 4th April, 1921, special arrangements were made to obtain complete and uniform information concerning each of the five Territories of the Commonwealth, viz.:—(1) Northern Territory; (2) Federal Capital Territory; (3) Norfolk Island; (4) Papua; and (5) Territory of New Guinea.

The work of Census enumeration in each Territory was carried out under the direction of the Commonwealth Supervisor of Census, the local organization in each Territory being under the control of a Deputy Supervisor of Census stationed in each Territory. On the conclusion of the collection the whole of the material was forwarded to the Census Office, Melbourne, for tabulation in conjunction with the data for Australia. A summary of the population and number of dwellings in each Territory is shown in the following table:—

#### POPULATION AND DWELLINGS.—TERRITORIES, 4th APRIL, 1921.

(Exclusive of Full-blood Aboriginals in the Northern and Federal Capital Territories and of the Indigenous Population of Papua and New Guinea).

		Population	1.	Dwellings.			 
Territory.	Males.	es. Females.	Persons.	Occu-	Unoccu- pied.	Being Built.	Total.
Northern Territory Federal Capital Territory Norfolk Island Papua Territory of New Guinea	1,567 339	1,046 1,005 378 670 671	3,867 2,572 717 2,078 3,173	1,074 526 168 672 1,056	138 29 22 43 18	 3 4	1,213 555 193 719 1,074

### § 13. The Aboriginal Population.

In Official Year Book No. 17, pp. 951 to 961, a brief account was given of the Australian aboriginal population, its origin, its numbers as estimated from time to time, and the steps taken for its protection. Pages 910 to 912 of this issue contain a statement showing the numbers of full-blood and half-caste aboriginals in each of the States and Territories of Australia at successive periods.

### § 14. The Chinese in Australia.

In Official Year Book No. 18, pp. 951 to 956, a brief historical sketch was given regarding "The Chinese in Australia," but limitations of space preclude its repetition in the present volume.

#### § 15. The Pacific Islanders in Australia.

In Official Year Book No. 19, pp. 902-3, a brief account was given of the introduction of Kanakas into Australia.