POPULATION.

ON the 26th January, 1788, Captain Phillip arrived in Sydney Harbour, bringing with him an establishment of about 1,030 people all told. Settlement soon spread from the parent colony, first to Tasmania in 1803, and afterwards to other parts of the continent and to New Zealand. At the end of 1897 the population of Australasia had increased to 4,410,151 persons, thus distributed:—

Colony.	Males.	Females.	Total.
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	709,360 595,409 271,372 188,338 110,359 91,610 384,703	614,100 580,839 213,328 174,706 51,565 80,109 344,353	1,323,460 1,176,248 484,700 363,044 161,924 171,719 729,056
Australasia	2,351,151	2,059,000	4,410,151

If to these numbers, which principally comprise the people of European descent, there be added an estimated population of 200,000 Australian aborigines in an uncivilised state in Western Australia, South Australia, and Queensland, and of 39,854 Maoris in New Zealand, the total population of Australasia at the end of 1897 would be about 4,650,000.

The growth of the population of Australasia from the date of the first settlement is shown in the following table. An official enumeration of the people was made in most of the years quoted:—

Year.	Population of Australasia.	Annual Increase per cent.	Year.	Population of Australasia.	Annual Increas per cent.
1788 1801 1811 1821 1831 1841 1851 1861* 1871*	1,030 6,508 11,525 35,610 79,306 211,095 430,596 1,252,994 1,924,770	15·13 11·94 5·88 8·34 10·28 7·36 11·30 4·39	1881° 1891° 1892 1893 1894 1895 1896	2,742,550 3,809,895 3,985,273 4,068,302 4,153,766 4,238,350 4,323,204 4,410,151	3·60 3·34 2·60 2·08 2·10 2·04 2·00 2·01

^{*} Census population.

It is reasonable to expect that the rate of growth in the colonies would decline as the population increased, and such has been the case since 1851. The high rate of increase of 11·3 per cent. from 1851 to 1861 was, of course, due to the gold discovery, which proved a strong incentive to emigration to these colonies. The high annual increase between 1831 and 1841 was owing to the policy of State-aided immigration which was then in vogue. Prior to this period the high average arose from the small number of people on which the increase was calculated.

The following table shows the annual rate of increase of population in countries which are undergoing extensive settlement:—

Country.	Period.	Annual rate of Increase.
Argentine Republic Cape Colony (European or white races) Bruzil Canada Chili	1869-95 1875-91 1872-90 1881-91 1885-95	2·33 1·78 1·95 1·12 0·71

The population of Australasia, as shown by the census of 1891, had increased threefold since 1861, and nearly twofold since 1871, while the annual rate of increase for the whole thirty years was 3.78 per cent. Taking the colonies individually, the rate of increase for Queensland was the highest—a circumstance partly to be attributed to the large numbers introduced under the system of State-aided immigration which has prevailed in that colony for many years; but the largest numerical increase was that of New South Wales. The population of each colony (exclusive of aborigines, a few in New South Wales and Victoria excepted) at the last four census periods is shown below:—

Colony.	1861.	1871.	1981.	1891.	Annual Increase per cent., 1861-1891.
New South Wales Victoria Queensland South Australia West'rn Australia Tasmania New Zealand	540,322 30,059 126,830	503,981 731,528 120,104 185,626 25,353 101,785 256,393		320,431 49,782	3·98 2·52 8·95 3·12 3·92 1·63 6·34
Australasia	1,252,994	1,924,770	2,742,550	3,809,895	3.78

In order to show the great differences in the growth of the population of the individual colonies during the last ten years, the appended table has been prepared, giving the population at the end of each year since

1887. It is somewhat remarkable to notice that during the ten years Victoria has only added 143,255 to the number of its inhabitants, and that while at the end of 1890 its population was greater by 11,406 than that of New South Wales, at the close of the year 1897 the mother colony had the greater number of inhabitants by 147,212. During the first six months of 1898 there was a further decrease of 6,814 persons in Victoria, while New South Wales added 12,340 to its population in the same time:—

Year.	New South Wales.	Victoria.	Queens- land.	South Australia.	Western Australia.	Tasmania.	New Zealand.	Austral- asia.
1887	1,020,330	1,032,993	356,982	308,215	42,488	135,988	601,929	3,498,925
1888	1,051,080	1,076,966	371,351	306,641	42,137	138,346	604,575	3,591,096
1889	1,081,820	1,103,727	383,960	311,112	43,698	142,177	616,559	3,683,053
1890	1,121,860	1,133,266	392,965	319,414	46,290	145,290	626,048	3,785,133
1891	1,165,300	1,157,678	410,330	325,766	53,285	152,619	634,058	3,899,036
1892	1,197,650	1,167,373	421,297	336,702	58,674	153,144	650,433	3,985,273
1893	1,223,370	1,174,006	432,299	346,874	65,064	154,424	672,265	4,068,302
1894	1,251,450	1,179,103	445,155	352,402	82,072	157,456	686,128	4,153,766
1895	1,277,870	1,181,751	460,550	357,405	101,235	160,833	698,706	4,238,350
1896	1,297,640	1,174,944	472,179	360,220	137,946	166,113	714,162	4,323,204
1897	1,323,460	1,176,248	484,700	363,044	161,924	171,719	729,056	4,410,151

The following table gives the total increase in each colony during the thirty-seven years, 1861-97, distinguishing the natural increase arising from the excess of births over deaths from the increase caused by the excess of arrivals over departures:—

	Exce	1	
Colony.	Births over Deaths.	Immigration over Emigration.	Total Increase.
New South Wales	618,643	356,271	974,914
VictoriaQueensland	588,497 184,883	$ \begin{array}{r} 49,904 \\ 271,761 \end{array} $	638,401 456,644
South Australia	203,825	35,107	238,932
Western Australia	22,592	124,105	146,697
Tasmania New Zealand	$76,707 \\ 384,051$	$\begin{array}{c} 7,237 \\ 265,294 \end{array}$	83,944 649,345
Australasia	2,079,198	1,109,679	3,188,877

The information conveyed by the above figures is important, as illustrating not only the movement of population but also the effect upon immigration of local influences, such as the attraction of liberal land laws, the fertility of the soil, the permanence of employment, and the policy of assisted immigration. But a bare statement of the gross increase to each colony from immigration is apt to be misleading, since the original density of population must be deemed a factor affecting

the current of immigration. The following figures show the density of population in each colony at various dates corresponding with those given in a preceding table:—

Colony.	1861.	1871.	1881.	1891.
New South Wales	1.13	1.62	2.42	3.65
Victoria	6:15	8.32	9.81	12.98
Queensland	0.04	0.18	0.32	0.59
South Australia	0.14	0.20	0.31	0.35
Western Australia	0.02	0.03	0.03	0.05
Tasmania	3.44	3.88	4.41	5.59
New Zealand	0.95	2.45	4.69	6.00
Australasia	0:41	0.63	0.89	1.24

At the close of the year 1897 the population of Australasia, including the native races, only reached a density of 1.51 persons per square mile—a rate which is far below that of any other civilised country; and excluding Australian aborigines and Maoris, the density was not more than 1.43 per square mile. But a comparison of the density of population in Australasia with that in older countries of the world is of little practical use, beyond affording some indication of the future of these colonies when their population shall have reached the proportions to be found in the old world. The latest authoritative statements give the density of the populations of the great divisions of the world as follows:—

Continent.	Area in square Miles.	Population.	Persons per square mile.	
Europe	3,742,000	372,925,000	99.66	
Asia	17,101,000	830,558,000	48.57	
Africa	11,510,000	170,050,000	14.77	
America	14,805,000	132,718,000	8.96	
Australasia and Pacific Islands.	3,457,000	5,907,000	1.71	
Polar Regions	1,732,000	82,000	0.05	
The World	52,347,000	1,512,240,000	28:89	

From the earliest years of settlement there was a steady if not a powerful stream of immigration into these colonies, but in 1851, memorable for the finding of gold, the current was swollen by thousands of men in the prime of life who were attracted to the shores of Australia by the hope of speedily acquiring wealth. By far the greater number of these new arrivals settled in the new colony of Victoria, which had just been separated from New South Wales, and for some years afterwards Victoria had an unprecedented addition to its population. The vast changes which took place will be evident when it is stated that in 1850, just prior to the gold rush, the population of the northern and southern portions of New South Wales was:—

Port Phillip (afterwards Victoria)	76,162
Remaining portion of the Colony	189,341

While five years afterwards the population of the two colonies was:-

Victoria	 364,324
New South Wales	 277,579

Victoria enjoyed the advantage in population and increased its lead yearly until 1871, when its inhabitants exceeded in number those of New South Wales by no less than 229,654. But from that time almost every year showed a nearer approach in the numbers of the inhabitants of the two colonies, until at the census of 1891 Victoria had only a lead of 8,171, while at the end of that year New South Wales had the greater population by about 7,600. By the end of 1897 the parent colony had, as pointed out on a previous page, increased its lead to over 147,000, while the following six months increased the gap to 166,300.

Queensland and New Zealand, and Western Australia also in recent years, likewise owe much of their remarkable progress to the discovery of gold. In New Zealand the gold fever broke out in 1861, when the population numbered only 99,021, and the period of its activity extended over many years. At the census taken in 1891 the population had reached 626,658 souls, exclusive of Maoris, or fully six times that of 1861. In Queensland the attractive force of the gold-fields was exerted at a later date, and it may still be considered a powerful factor in stimulating the growth of population in that colony; while the development of Western Australia during the last five years has been wholly due to the gold deposits discovered in that colony, the population increasing from the small number of 65,064 at the end of 1893 to 161,924 at the end of 1897.

Much of the increase of population, especially in the colonies of New South Wales, Queensland, and New Zealand, was due to the State policy of assisted immigration. The following table shows the number of all

immigrants introduced into the colonies either wholly or partly at the expense of the State, to the end of 1897:—

Colony.	Prior to 1881.	1881 to 1897.	. Total.
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	177,234 140,102 52,399 \$8,050 \$89 18,965 *100,920	34,724 	211,958 440,102 163,677 95,348 6,737 21,699 *115,578
Australasia	578,559	176,540	755,099

^{*} Exclusive of number prior to 1870, of which no record can be found.

The following table shows the increase of population by excess of immigration over emigration for the four decennial periods ended 1890, and for the period of seven years 1891 to 1897:—

Colony.	1851-60.	1861-70.	1871-80.	1881-90.	1891-97.
New South Wales	123,097	45,539	109,341	164,205	37,188
Victoria	398,753	38,935	*12,672	112,093	*88,452
Queensland	+	68,191	73,849	101,530	28,191
South Australia	33,024	17,949	34,569	*17,000	°411
Western Australia	6,870	5,319	*339	10,170	108,682
Tasmania New Zealand	6,767	°3,228	*1,427	5,572	6,320
New Zealand	44,742	118,637	132,976	9,451	20,801
Australasia	613,253	291,342	336,297	386,021	112,319

^{*} Denotes excess of emigrants.

† Included in New South Wales figures.

Taking the last seventeen years, it will be seen from the next table that no colony exhibits uniformity in the immigration returns, some of the provinces even showing an excess of departures during several years; but, with the exception of South Australia, all the colonies show substantial increases from immigration over the whole period. If, however, the last seven years be made the basis of comparison, it will be found that great changes have taken place in the movement of population, Victoria having actually lost 88,452 persons by an excess of departures, while Western Australia gained 108,682 during

the same period. The only other colony which experienced a net loss was South Australia, the decrease since 1891 amounting to 411 persons:—

Year.	New South Wales.	Victoria.	Queens- land.	South Australia.	Western Australia.	Tas- mania.	New Zealand.	Austral- asia.
1881	16,673	4,976	4.009*	12,055	401	1,166	1,970	33,232
1882	16,034	6,563	17,043	3,679*		587	2,375	39,017
1883	27,278	6,597	34,371	4,266	436	689	8,657	82,294
1884	23,944	8,525	18,620	275	871	816	7,724	60,775
1885	24,829	9,027	7,056	9.280*		388*	2,757	35,629
1886	18,073	15,436	7,695	8,819*		302*	199*	35,622
1887	7,202	15,445	11,527	3,008*		1,797	211	35,223
1888	6,633	25,757	5,651	8,325*		383*	10,548*	17,589
1889	8,241	9,794	4,340	2,346*	578	1,172	701*	21,078
1890	15,298	9,973	764*		1,571	418	2,795*	25,562
1891	20,268	4,538	7.820	168*	6,078	4,592	3,745*	39,383
1892	6,720	12,285*	1,330	4,107	4,472	2,371*	4,958	6,931
1893	1,400	13,411*	2,303	4,025	5,223	1,865*	10,412	8,087
1894	4,300	13,731*	4,177	930*	15,966	118	2,253	12,153
1895	2,560	15,422*	5,673	1,601*	18,394	398	895	10,897
1896	897*	23,271*	3,257	3,150*	35,949	2,578	3,276	17,742
1897	2,837	14,870*	3,631	2,694*	22,600	2,870	2,752	17,126
	1			i				

[·] Denotes excess of departures.

Ages of the People.

At the census of 1891 the average age of the population of Australasia was 24·4 years; the average age of the males was 25·5 years, and that of the females 23·3 years. Taking the colonies separately, it will be seen from the following table that the oldest population was that of Victoria, with an average of 25·6 years; and the youngest that of Queensland, with an average of 23·7 years. The male population of Western Australia had the highest age average, namely, 27·6 years, owing to the large influx of adult males some few years before, attracted thither by the discoveries of gold at Kimberley and elsewhere. The youngest male populations were in New South Wales and South Australia, averaging 25·1 and 24·7 years respectively. The youngest female population was found in Queensland, where the average was 21·5 years; while the oldest was in Victoria, averaging 24·6 years:—

Colony.	Males.	Females.	Persons.
New South Wales	25.1	22.5	23.9
Victoria	26.5	24.6	25.6
Queensland	$25\cdot2$	21.5	23.7
South Australia	24.7	23.8	24.3
Western Australia	27.6	22.0	25.3
Tasmania	25.6	23.7	24.7
New Zealand	25.2	23.4	$24 \cdot 1$
Australasia	25.5	23.3	24.4

In considering these figures it must be remembered that the same average may be due to opposite causes; for instance, a large middle-age population with a small proportion of children and old people, as in Queensland, gives much the same result as a large population at the dependent ages and a small proportion of those at the supporting ages, as in Tasmania. The following table shows the number of males at the dependent ages from infancy to 15 years; at the supporting ages from 15 to 65; and in the old age group, from 65 years upwards:—

		t Ages up years.	Supporti 15 and 1	ng Ages, inder 65.	Old Ages, 65 and over.		
Colony.	Number.	Percentage of Male Population.	Number.	Percentage of Male Population.	Number.	Percentage of Male Population	
New South Wales	217,991	35.85	373,346	61·41	16,666	2.74	
Victoria	199,599	33:37	374,871	62.68	23,619	3.95	
Queensland	74,180	33.15	145,960	65.22	3,639	1.63	
South Australia	64,004	38:37	97,293	58.33	5,504	3.30	
Western Australia	8,565	28.73	20,148	67.60	1,094	3.67	
Tasmania	29,003	37.39	44,256	57.06	4,301	5.55	
New Zealand	126,531	38.01	197,979	59.48	8,367	2.51	
Australasia	719,873	35:34	1,253,853	61.56	63,190	3.10	

It will have been noticed in the table on the preceding page that during certain years, notably 1885 to 1891, there was an exodus of population from New Zealand, South Australia, and Tasmania, the persons who left being mainly able-bodied men in search of employment. It is only reasonable, therefore, that the number of males of the supporting ages in those colonies should be below the average. The reverse is the case in Western Australia, where the proportion of dependent males is smaller than in any other colony, while the proportion of men of the supporting ages is greater. These facts are to be accounted for by the immigration into Western Australia of large numbers of adult males, many of whom probably came from one of the three colonies first mentioned. The high birth-rate of New South Wales accounts for the larger proportion of persons of dependent ages as compared with Victoria, but at the supporting ages there is very little difference between the two colonies. With regard to the old age group, the proportion in Queensland, 1.63 per cent., is undoubtedly low. Tasmania, with 5.55 per cent., has the largest proportion of aged inhabitants; Victoria comes next with 3.95 per

cent.; while the proportion of inhabitants of 65 years and over in New South Wales is only 2.74 per cent., or one-half of the proportion shown by Tasmania.

The following table shows, in quinquennial periods, the ages of the people in each of the Australasian colonies:—

The period from 20 to 40 years is considered the "soldier's age," as men of such ages would be the first to be called upon for the defence of the country in case of war. At the census of 1891 Australasia had a force of nearly 700,000 men to draw upon for this purpose, of whom New South Wales would have contributed 209,589, Victoria 206,181, Queensland 86,766, South Australia 53,964, Western Australia 12,109, Tasmania 25,155, and New Zealand, 94,942.

The female population of Australasia may be conveniently grouped into three divisions, namely, dependent ages, from infancy to 15 years;

reproductive ages, from 15 to 45; and those over 45 years of age. The numbers of each class in the several provinces are shown below:—

	Depende up to 1		Reproduct	tive ages, nder 45.	Ages of 45 years and over.	
Colony.	Number.	Percentage of Feniale Population.	Number.	Percentage of Female Population.	Number.	Percentage of Female Population.
New South Wales	213,198 195,315 72,407 62,174 8,354 28,327 123,889 703,664	41·32 36·05 42·61 40·47 41·82 40·99 42·17	239,503 262,512 79,391 68,796 9,313 30,598 131,451 821,564	46·42 48·46 46·72 44·78 46·62 44·28 44·74 46·57	63,250 83,924 18,141 22,660 2,308 10,182 38,441 238,906	12·26 15·49 10·67 14·75 11·56 14·73 13·09

The female population, it will be seen, is distributed among the various colonies in much more even proportions than the male population. Victoria has the smallest ratio of dependent females, the greatest proportion of those of reproductive ages, and the highest relative number of females over the reproductive age. The rates for the other provinces are remarkably even, New South Wales, Queensland, and Western Australia having almost an identical proportion of reproductive females, while South Australia, Tasmania, and New Zealand are nearly equal at a slightly lower rate.

BIRTHS.

The total number of births in each colony and the rate per thousand of the population during the year 1897 are shown in the following table:—

·		Birth-rate.		
Golony.	Males.	Females.	Total.	Birtil-race.
New South Wales	18,989 16,005 7,277 4,897 2,036 2,483 9,600	18,258 15,297 7,036 4,665 1,985 2,200 9,137	37,247 31,302 14,313 9,562 4,021 4,683 18,737	28·42 26·62 29·92 26·44 26·82 27·72 25·96
Australasia	61,287	58,578	119,865	27.45

The number of births in each colony and in the whole of Australasia, in quinquennial periods from 1861 to 1895, and in the two years 1896-97, was as follows:—

Colony.	1861-65.	1866-70.	1871-75.	1876-80.	1881-85.	1886-90.	1891-95.	1896-97.
New South Wales Victoria. Queensland South Australia. Western Australia. Tasmania New Zealand Australasia	79,958 123,353 11,761 30,472 3,352 15,454 26,611 290,961	92,643 131,052 22,622 35,067 3,724 14,679 46,770 346,557	106,543 136,363 29,279 36,398 4,033 15,313 59,891	127,572 132,347 37,535 46,310 4,611 17,165 88,205	158,965 140,258 48,979 56,618 5,446 21,425 90,482 528,173	188,300 172,307 70,150 53,200 7,696 23,710 94,071	197,566 180,852 72,863 53,093 10,242 24,794 91,410	73,753 63,480 28,330 19,610 6,803 9,286 37,349 238,611

The average birth-rates of each colony for the same periods were as follow:—

Colony.	1861~65.	1866-70.	1871-75.	1876-80.	1881-85.	1886-90.	1891-95.	1896-97
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	42.71 43.30 43.07 44.14 39.07 33.80 38.22	40·70 39·27 43·91 40·60 33·86 29·65 42·28	39·05 35·69 40·81 37·24 31·30 29·72 40·02	38·53 31·43 36·72 38·28 32·97 31·54 41·32	37·65 30·76 36·37 38·52 3 4·57 3 5·02 36·50	36·36 32·72 38·81 34·48 36·88 34·59 31·22	32·72 31·00 34·11 31·22 30·76 32·17 27·66	28:38 26:97 29:98 27:25 25:24 27:94 26:15
Australasia	41.92	39.84	37:34	36.38	35.21	34.43	31.35	27:59

Particulars relating to illegitimate births will be found in the chapter headed "Social Condition."

DEATHS.

The following table shows the total number of deaths and the rate per thousand of the population during the year 1897:—

Colony.	Males.	Females.	Total.	Death-rate.
New South Wales	8,314	5,950	14,264	10:88
Victoria	8,533	6,595	15,128	12.87
Queensland	3,483	1,940	5,423	11.33
South Australia	2,256	1,788	4,044	11.18
Western Australia	1,825	818	2,643	17.63
Tasmania	1,116	831	1,947	11.53
New Zealand	3,787	2,808	6,595	9.14
Australasia	29,314	20,730	50,044	11.46

The number of deaths in each colony and in the whole of Australasia, in quinquennial periods from 1861 to 1895, and in the two years 1896-97, is shown in the following table:—

Colony.	1861-65.	1866-70.	1871-75.	1876-80.	1881-85.	1886-90.	1891-95.	1896–97.
New South Walcs	31,561	36,466	40,909	53,256	66,103	71,457	76,802	30,103
Victoria	49,452	55,136	59,759	62,811	66,811	84,648	82,056	30,842
Queensland	5,751	9,312	12,869	17,284	25,731	28,040	26,581	11,068
South Australia	10,840	12,963	15,475	18,026	21,616	19,361	20,535	8,127
Western Australia	1,399	1,711	2,068	2,003	2,709	3,332	5,430	4,663
Tasmania	6,953	6,962	8,060	8,994	9,790	10,389	10,123	3,848
New Zealand	10,001	13,328	19,354	25,254	29,074	29,746	33,525	13,027
Australasia	115,957	135,878	158,494	187,628	221,834	246,973	255,052	101,678

The average death-rates of each colony for the periods shown in the above table are given below; but the statement does not afford a just comparison between the colonies, as no account is taken of the ages of the people:—

Colony.	1861-65.	1866-70.	1871–75.	1876-80.	1881-85.	1886-90.	1891-95.	1896-97.
New South Wales	16.86	16.05	14.99	16.09	15.66	13.80	12.72	11.58
Victoria	17:36	16.52	15.64	14.92	14.65	16.07	14.06	13.10
Queensland	21.06	18.07	17:94	16.90	19.10	15.52	12.44	11.71
South Australia	15.70	15.01	15.83	14.90	14.71	12.55	12.08	11.28
Western Australia	16.31	15.55	16.03	14.32	17.19	15.97	16:31	17:30
Tasmania	15.20	14.06	15.64	16.52	16.00	15.16	13.13	11.58
New Zealand	14.36	12.05	12.93	11.83	11.00	9.87	10.14	9.12
Australasia	16.75	15.62	15.26	15.04	14:79	13.95	12.68	11.76

Compared with European countries the Australasian colonies occupy a very favourable position in respect to both birth and death rates. The Australasian birth-rate is high, and in European countries where it is higher it will be seen, on reference to the subjoined table, that the death-rate is so considerably in excess that the difference between the two, representing the gain to each country by natural increase, is largely in favour of Australasia. In the case of Sweden the figures

given cover the period of nine years from 1887 to 1895; for all other countries they refer to the ten years 1887-96:—

Country.	Birth Rate.	Death Rate.	Excess of Births per 1,000 inhabitants.
New South Wales	33.03	12.79	20.24
Victoria.	31.15	14.71	16.44
Queensland	34.01	12.88	21.13
South Australia	31.63	11.95	19.68
Western Australia	28.61	14.83	13.78
Tasmania	32.18	13.57	18.61
New Zealand	28:41	9.77	18.64
Australasia	31.68	12.88	18.80
England and Wales	30.67	18:57	12:11
Scotland	30.87	18.78	12:09
Ireland	22.92	18.07	4.85
United Kingdom	29.74	18.53	11.21
France	22:60	21.97	0.63
Germany	36.32	23.30	13.02
Belgium	29.03	19.80	9.23
Netherlands	33.10	19.57	13.53 .
Austria	37.66	28:10	9.56
Hungary	42.02	31.56	10.46
Switzerland	27.97	20.05	7.92
[taly	36.67	25.97	10.70
Denmark	30.74	18:38	12.36
Norway	30.36	16.76	13.60
Sweden	27.92	16.48	11:44

No better testimony to the salubrity of the climate of Australasia could be obtained than is afforded by these figures. There are, of course, various circumstances other than climatic which would tend to make the mortality lighter in these than in older-settled countries, but when all possible allowances are made for such circumstances a comparison between these colonies and the countries of Europe is still significantly favourable to Australasia.

INDEXES OF MORTALITY.

So far consideration has only been given to the actual death-rates as they are obtained by taking the proportion which the number of deaths bears to the number of inhabitants. It is well known, however, that the death-rate of a country is affected by more than the salubrity of its climate, the degree of perfection to which the sanitary condition of its cities and towns and villages has been brought, and the nature of the

industrial pursuits of its people. Actuarial science has demonstrated the fact that when a male child is born in the colony of New South Wales it may expect to live until it is 49.60 years old; if it survives until it is 2 years of age, it may expect to live 56:37 years; while as it grows older the expectation of life gradually diminishes until at 90 years of age the man may count upon but 2.54 years of life. It is plain, therefore, that a country which has a large proportion of young people will, other things being equal, have a lower death-rate than another which has a comparatively large proportion of old persons. It is this fact that statistical science now seeks to take into account in establishing the rates of mortality of the various countries of the world. practicable to base a rate on any table showing the expectation of life at successive ages; but it is practicable to select a country, divide its population into certain age-groups, and ascertain the mortality of all countries on the assumption that the ages of the population of each hold the same proportions to the total inhabitants as do those of the selected This is the course which has been suggested by the International Statistical Institute, in its 1895 session, held at Berne. It has adopted the population of Sweden, as ascertained at the census of 1890, as the standard, and divided it into the five age-groups of under 1 year, 1 year and under 20 years, 20 years and under 40 years, 40 years and under 60, and 60 years and upwards, obtaining the percentages of 2.55, 39.80, 26.96, 19.23, and 11.46 respectively. Applying these ago proportions to the population of each of the Australasian colonies as ascertained at the census of 1891, the "index of mortality," as distinguished from the actual "death-rate," is found as given below for each of the last seven years. How greatly the ages of the people cf a country affect its mortality will be evident from the fact that whereas in 1896 the death-rates of the colonies ranged from 9.10 in New Zealand to 16.53 in Western Australia, or 7.43 per thousand, the range of the indexes of mortality was only 4 47 per thousand, namely, from 13 01 in New Zealand to 17.48 in Western Australia. In comparing the indexes. of various years it must not be forgotten that the composition of the population of some of the colonies, notably of Western Australia, has changed since the last census was taken :-

Colony.	1890.	1891.	1892.	1893.	1894.	1895.	1896.
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand Australasia	16·51	18·68	15·65	16·71	16·32	15.69	16·45
	18·71	19·48	16·24	16·73	15·96	16:39	16·48
	17·29	15·52	15·82	16·66	16·29	15:21	16·73
	15·33	16·75	14·07	16·10	14·61	14:36	14·14
	15·11	21·54	18·94	18·08	16·65	18:86	17·48
	17·25	18·01	15·64	15·43	14·74	13:40	13·89
	12·87	13·95	13·59	13·56	14·44	13:98	13·01

AGES AT DEATH.

A detailed statement of the ages at death of the males who died during the year 1896 in the six colonies of New South Wales, Victoria, Queensland, South Australia proper, Tasmania, and New Zealand, is given below. The returns for Western Australia do not distinguish the sex of the persons who died, and no vital statistics are published for the Northern Territory:—

Ages at Death.	New South Wales.	Victoria.	Queens- land.	*South Australia.	Tasmania.	New Zealand.	Total.
Under 1 year	2,424 468 141 77 65 225 160 247 268 309 377 410 415 427 469 562 505 409 833 5	1,950 305 127 71 65 196 198 230 350 344 265 255 337 488 710 829 627 1,044 8	793 158 64 56 34 84 68 110 185 228 199 219 204 158 216 198 194 150 110	557 63 24 18 18 44 51 61 85 64 91 83 90 74 120 112 112 238	228 30 10 11 6 28 23 39 32 39 32 47 31 28 30 38 61 70 90 2552	817 100 34 35 31 100 78 122 168 149 110 146 141 191 201 267 279 254 204 331	6,764 1,193 400 208 219 675 518 767 968 1,139 1,140 1,132 1,500 1,920 1,522 2,822
Total	9,256	8,902	3,574	2,121	1,108	3,776	28,737

^{*} Exclusive of Northern Territory.

Similar information respecting the deaths of females in 1896 is given in the following table:—

Ages at Death.	New South Wales.	Victoria.	Queens- land.	*South Australia.	Tasmania.	New Zealand.	Total
Under 1 year	2,011 159 89 70 194 207 290 241 298 226 215 236 255 276 234 250 530	1,590 329 115 76 47 185 110 225 274 304 385 300 244 208 249 301 412 419 355 679	673 135 44 38 35 67 40 56 76 84 99 97 70 82 80 84 83 67 55	458 88 25 23 19 46 41 78 76 93 100 92 63 62 66 67 107 84 81 248	187 30 10 6 11 17 11 25 40 49 31 41 21 25 20 34 44 41 104	622 106 25 41 33 85 52 135 135 111 103 107 98 106 159 126 135 104 238	5,541 1,109 378 273 215 594 368 726 878 950 967 931 690 757 900 1,050 983 886 1,899
Unspecified	6,583	6,812	2,071	1,917	793	2,656	20,832

^{*} Exclusive of Northern Territory.

The ages of the 2,020 persons who died in Western Australia during 1896 are given without distinguishing sex. It has been possible, therefore, to include them in the following table of the total deaths of persons of both sexes; but to admit of their inclusion it has been necessary to alter the age-groups. The total for Australasia is, however, exclusive of the Northern Territory:—

Ages at Death.	New South Wales.	Victoria.	Queens- land.	*South Aus- tralia.	Western Aus- tralia.	Tas- mania.	New Zealand.	*Aus- tralasia
Under 1 year	4,435 1,490 419 274 454 1,134 1,326 2,703 838 739 2,022 5	3,540 1,195 381 248 423 1,158 1,334 2,347 1,122 1,248 2,705	1,466 564 151 108 166 578 614 1,092 277 217 394 23	1,015 278 90 92 139 318 366 637 227 196 679	513 105 21 19 68 448 303 317 71 53 102	410 114 43 34 54 160 148 227 107 114 487	1,439 414 185 130 257 592 479 1,270 405 389 872	12,818 4,160 1,290 905 1,561 4,383 4,570 8,593 3,047 2,956 7,261
Total	15,839	15,714	5,645	4,038	2,020	1,901	6,432	51,589

^{*} Exclusive of Northern T rritory.

It will be seen that about one-fourth of the deaths which occurred during 1896 were those of children under 1 year. The total number of births during the year was 119,865; the deaths of children under 1 year were, therefore, at the rate of 107 for every 1,000 births. Deaths of all children under 5 years numbered 16,978; of persons 5 years of age and under 65 years, 24,349; and of old people of 65 years and upwards, 10,217.

CAUSES OF DEATH.

The system of classifying the causes of death adopted in the Australasian colonies is that arranged by Dr. William Ogle on the basis of the older system of Dr. William Farr, his predecessor as Registrar-General of England. Under this classification deaths are divided into seven classes, namely, deaths from zymotic diseases, from parasitic diseases, from dietetic diseases, from constitutional diseases, from developmental diseases, from local diseases, from violence, and from ill-defined or unspecified causes. As the returns for Western Australia do not distinguish the sex of the persons whose deaths were recorded, it is necessary to omit that colony from the tables showing separately the causes of deaths of males and females. Statistics for the Northern Territory are not available. The following were the assigned causes of death of the 28,737 males who died in New South Wales, Victoria,

Queensland, South Australia proper, Tasmania, and New Zealand in the course of the year 1896:—

Classification.	New South Wales.	Vic- toria.	Queens- land.	South Aus- tralia.	Tas- mania.	New Zea- land.	Total.
Specific febrile or zymotic diseases— Miasmatic diseases Diarrhœal diseases Malarial diseases Zoogenous diseases Venereal diseases Septic diseases	580 526 8 1 40 40	411 304 3 28 25	178 232 34 30 22	100 134 1 3 23	62 27 4 5	154 176 2 20 22	1,485 1,399 48 1 125 137
Total	1,195	771	496	261	98	374	3,195
Parasitic diseases	35	36	18	. 9	3	6	107
Dietetic diseases	147	98	95	15	4	46	405
Constitutional diseases	1,244	1,584	597	353	118	635	4,531
Developmental diseases	879	761	207	228	218	287	2,580
Local diseases— Diseases of nervous system Diseases of organs of special sense. Diseases of circulatory system. Diseases of respiratory system Diseases of digestive system Diseases of lymphatic system and duct-	657 1,153 991	804 7 873 1,229 1,059	348 2 297 432 379	223 5 166 233 191	127 128 128 66	427 4 391 427 343	2,892 25 2,512 3,602 3,029
less glands Diseases of urinary system Diseases of organs of generation Diseases of organs of locomotion Diseases of integumentary system	12 382 7 22 29	16 412 44 32	11 117 2 10 11	5 84 2 8 4	1 41 6 3	7 163 1 15 14	52 1,204 12 105 93
Total	4,223	4,476	1,609	921	500	1,797	13,526
Violence— Accident or negligence Homicide Suicide Execution Violent dcaths not classified	873 28 155 1 6	601 23 90 1	423 10 62	160 6 24	96 11 	407 2 58	2,560 69 400 2 6
Total	1,063	715	495	190	107	467	3,037
Ill-defined and not specified causes	470	461	57	144	60	164	1,356
Grand Total	9,256	8,902	3,574	2,121	1,108	3,776	28,737

^{*} Exclusive of Northern Territory.

It will be seen that local diseases accounted for nearly one-half of the total number of deaths, or for 13,526 out of 28,737. Next in order came constitutional diseases with 4,531 deaths; zymotic diseases, with 3,195 deaths; and violent deaths to the number of 3,037, of which 2,560 were due to accident. Developmental diseases were assigned as the cause of death in 2,580 cases, dietetic diseases in 405 cases, and parasitic diseases in 107 cases. Deaths from ill-defined or not specified causes amounted to nearly 5 per cent. of the total, numbering no less than 1,356.

A similar classification of the causes of death of the 20,832 females who died in the six colonies during 1896 gives the following results:—

	•				•	,	-
Classification.	New South Wales.	Vic- toria.	Queens- land.	South Aus- tralia.	Tas- mania,	New Zea- land,	Total.
Specific febrile or zymotic diseases— Miasmatic diseases Diarrhoal diseases Malarial diseases	462 494 4	358 234	150 179 9	95 120	36 21	163 158	1,264 1,206
Venereal diseases	19 112	27 121	6 17	76	3 13	6 23	63 362
Total	1,091	740	361	293	78	350	2,908
Parasitic diseases	38	34	7	5	. 6	11	101
Dietetic diseases	65	60	.33	ш.	1	15	185
Constitutional diseases	999	1,237	291	345 .	132	571	3,575
Developmental diseases	613	514	157	213	93	225	1,815
Local diseases— Diseases of nervous system Diseases of organs of special sense	690 11	678	222	206	99	318	2,213 38
Diseases of circulatory system Diseases of respiratory system Diseases of digestive system Diseases of lymphatic system and duct-	377 742 847	646 821 1,004	149 278 263 7	160 182 195 3	84 97 76 2	261 261 244 7	1,677 2,381 2,629 37
less glands. Diseases of urinary system Diseases of organs of generation Diseases of parturition Diseases of organs of locomotion Diseases of integrumentary system	192 37 168 11	225 54 121 23 24	58 18 55 4	47 11 30 7 2	16 2 17 1 2	51 23 77 10	589 145 468 56
Total	3,100	3,620	1,070	S51	397	1,264	10.302
Violence— Accident or negligence Homicide Suicide	262 15 27	225 18 26	114 4 8	61 2 7	27 . 1 2	106 3 12	795 43 82
Total	304	269	126	70	30	121	92
Ill-defined and not specified causes	373	338	26	129	61	99	1,026
Grand Total	6,583	6,812	2,071	1,917	793	2,656	20,832

^{*} Exclusive of Northern Territory.

As in the case of the deaths of males, local diseases were assigned as the cause of deaths in nearly one-half of the total deaths of females, namely, in 10,302 out of 20,832. Next came deaths from constitutional diseases, 3,575; from zymotic diseases, 2,908; and from developmental diseases, 1,815. Violent deaths were, of course, far less numerous than in the case of men, numbering 920. If accidents alone be considered, the deaths of women were only one-third of those of men, namely, 795, as compared with 2,560. Deaths from dietetic diseases numbered 185,

and from parasitic diseases, 101. Death from ill-defined and unspecified causes were recorded as 1,026.

In the following table, giving the causes of death of all persons in 1896, it has been possible to include Western Australia:—

Classification.	New South Wales.	Vic- toria.	Queens- land.	South Aus- tralia.	West- ern Aus- tralia.	Tas- mania.	New Zea- land,	Austra- lasia.*
Specific febrile or zymotic diseases— Miasmatic diseases Diarrhoal diseases Malarial diseases Zoogenous diseases	1,042 1,020 12	769 538 3	328 411 43	195 254 1	426 129 13	98 48	317 3 3 4 2	3,175 2,734 74 1
Venereal diseases	59 152	55 146	36 39	5 99	2 16	7 19	26 45	190 515
Total	2,286	1,511	857	554	586	171	724	6,689
Parasitic diseases	73	70	25	14		9	17	208
Dietetic diseases	212	158	128	26	31	5	61	621
Constitutional diseases	2,243	2,821	888	698	145	250	1,206	8,251
Developmental diseases	1,492	1,275	364	441	125	311	512	4,520
Local Diseases— Diseases of nervous system Diseases of organs of special sense Diseases of circulatory system Diseases of circulatory system Diseases of ligestive system Diseases of lymphatic system and ductless glands Diseases of urinary system Diseases of organs of generation. Diseases of organs of generation. Diseases of organs of locomotion. Diseases of integumentary system.	1,034 1,895 1,838 19 574 44 168	1,482 20 1,519 2,050 2,063 27 637 54 121 67 56	570 4 .446 710 642 18 175 20 55 14 25	429 13 326 415 386 8 131 13 30 15 6	121 146 176 263 31 2 6 3 2	226 1 212 225 142 3 57 2 17 7 5	745 7 652 688 587 14 219 24 77 25 23	5,226 63 4,335 6,159 5,921 89 1,824 159 474 164 164
Violence— Accident or negligence Homicide Suicide Execution Violent deaths not classified	1,135 43 182 . 1	826 41 116 1	537 14 70	221 8 31 	128 1 25 1	123 1 13 	513 5 70 	3,483 113 507 3 6
Total	1,367	984	621	260	155	137	588	4,112
Ill-defined and not specified causes	843	799	83	273	228	121	-263	2,610
Grand Total	15,839	15,714	5,645	4,038	2,020	1,901	6,432	51,589

^{*} Exclusive of Northern Territory.

A more detailed tabulation of the causes of death is beyond the scope of this work; but two constitutional diseases merit special attention, namely, phthisis and cancer. The deaths from phthisis in 1896 numbered no less than 3,926, or at the rate of 91.82 per 100,000 of the population. Victoria had a very much higher rate than any of the other provinces, the deaths from phthisis in that colony representing 121.19 per 100,000 inhabitants, as compared with 95.21 in Queensland—

the colony with the next highest rate. The figures for each of the provinces in 1896 are given below:—

			Per	80118.
Colony.	Males.	Females.	Total Deaths.	Per 100,000 of population
New South Wales	613	414	1,027	79.75
Victoria	824	604	1,428	121.19
Queensland	317	127	444	95.21
South Australia*	153	155	308	87.01
Western Australia			83	69.40
Tasmania	49	64	113	69.12
New Zealand	279	244	523	74.03
Australasia*		·····	3,926	91.82

^{*}Exclusive of Northern Territory.

Victoria, also, had the highest rate of deaths from cancer, namely, 66.96 per 100,000 of the population; and Western Australia the lowest —25.09 for 100,000 inhabitants; with Queensland next, with a rate of 39.24. The total number of deaths from cancer in each colony in 1896, with the rate per 100,000 inhabitants, is given below:—

			Per	sons.
Colony.	Males.	Females.	Total Deaths.	Per 100,000 of population
New South Wales. Victoria Queensland South Australia Western Australia Tasmania New Zealand	327 422 107 98 49 205	294 367 76 88 46 184	621 789 183 186 30 95 389	48·22 66·96 39·24 52·55 25·09 58·11 55·07
Australasia*		•	2,293	53.63

^{*} Exclusive of Northern Territory.

In comparison with the other colonies, Victoria, however, had a very small rate of mortality from diarrhoal diseases, namely, 45.66 per 100,000 of population, as compared with 79.21 per 100,000 in New South Wales, 88.13 in Queensland, 71.76 in South Australia, and 107.87 in Western Australia. Tasmania had the very low rate of 29.36, and New Zealand was only slightly higher than Victoria, namely, 47.28 per 100,000 inhabitants. In fatal accidents, also, Victoria compared favourably with the other provinces, its number of deaths from this cause in 1896 representing 70.10 per 100,000 of the population, as

compared with 115:15 in Queensland, 107:03 in Western Australia, 88.14 in New South Wales, and 75.24 in Tasmania. In New Zealand the rate was 72.62; while in South Australia it was even less than in Victoria, namely, 62·43 per 100,000 inhabitants.

Particulars relative to suicide will be found in the chapter headed

"Social Condition."

MARRIAGES.

The number of marriages and the marriage-rate per thousand of the population for each colony during the year 1897 are shown below:--

Colony.	Marriages.	Marriage Rate
New South Wales	8,813	6.72
Victoria	7.454	6:34
Queensland	2,894	6.05
South Australia	1,953	5.40
Western Australia	1.659	11.06
Tasmania	1,052	6.22
New Zealand	4,928	6.83
Australasia	28,753	6.58

. The number of marriages in each colony and in the whole of Australasia, in quinquennial periods from 1861 to 1895, and in the two years 1896-97, was as follows:—

Colony.	1861–65.	1866–70.	1871-75.	1876-80.	1881-85.	1886-90.	1891-95.	1896-97.
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	22,237 3,689 6,226 765	18,271 22,902 4,648 6,435 828 3,143 9,955	21,210 24,368 6,276 7,472 835 3,290 12,050	25,904 25,416 7,466 10,682 978 4,087 16,220	35,737 33,589 11,632 -12,379 1,112 5,005 18,102	38,671 42,832 15,271 10,334 1,495 4,796 18,097	39,924 37,717 13,526 10,686 2,332 4,524 20,210	17,208 15,079 5,717 4,136 2,736 2,016 9,771
Australasia	60,417	66,182	75,501	90,753	117,556	131,496	128,919	56,663

The average marriage-rates for each colony during the same periods are given below. The table shows the ratio of marriages to population; to ascertain the ratio of persons married it is necessary to double the figures :-

Colony.	1861-65.	1866-70.	1871–75.	1876–80.	1881-85.	1886-90.	1891-95.	1896-97.
New South Wales		8·04	7:77	7·82	8:46	7·47	6·61	6.62
Victoria		6·86	6:38	6·03	7:37	8·13	6·46	6.40
Queensland		9·02	8:75	7·30	8:64	8·45	6·33	6.05
South Australia		7·45	7:64	8·83	8:42	6·70	6·28	5.74
Western Australia		7·53	6:48	6·99	7:06	7·16	7·00	10.15
Tasmania	7·30	6·35	6·39	7.51	8·18	7·00	5·87	6:06
	10·39	9·00	8·05	7.60	6·85	6·00	6·11	6:84
Australasia	8.73	7.61	7.27	7.28	7.84	7.43	6.41	6.22

During the five years ended 1895 the marriage-rate fell considerably in Australasia. With the exception of New Zealand it was lower in every colony than during the preceding quinquennial period, and lower everywhere than during the five years 1881-85. This is another proof of the truth of the oft-repeated statement that commercial depression always exerts an adverse influence on the marriage-rate. An improvement took place during the two years 1896-97 in New South Wales, Western Australia, Tasmania, and New Zealand; while the rate fell still lower in Victoria, Queensland, and South Australia. The abnormal rise in the case of Western Australia is what might be expected from the large number of men whom the industrial activity in that colony has placed in a position to take upon their shoulders the responsibility of a household.

A comparison of the marriage-rate of Australasia with the rates of other countries, where the social conditions are essentially different, is not of much value, and therefore is not given here.

Particulars relative to divorce in the Australasian colonies will be found in the chapter headed "Social Condition."

NATIVE RACES.

At the census of 1891 only 38,879 aborigines were enumerated, of whom 8,280 were in New South Wales, 565 in Victoria, 23,789 in South Australia, and 6,245 in Western Australia. The figures relating to New South Wales and Victoria included all aborigines living in those provinces, but the returns from the other colonies were very imperfect. The aborigines of Tasmania are extinct, but the Tasmanian census of 1891 enumerated 139 half-castes, who were included in the general population. It has been asserted that there are some 70,000 aborigines in Queensland, but this is a very crude estimate, and may be far wide of the truth. In the case of South Australia, a large number of the aborigines in the Northern Territory are entirely outside the bounds of settlement, and it seems probable that they are as numerous in that colony as in Queensland. The census of Western Australia included only those aboriginals in the employment of the colonists, and as large portions of this, the greatest in area of all the Australasian colonies, are as yet unexplored, it may be presumed that the number of aborigines enumerated was very far short of the total in the colony. Altogether, the aboriginal population of the continent may be set down at something like 200,000.

The original inhabitants of New Zealand, or Maoris, as they are called, are quite a different race from the aborigines of Australia. They are gifted with a considerable amount of intelligence, are quick at imitation, and brave even to rashness. According to the census

of 1881 they numbered 44,097; but like the Australian aborigines they appear to be decreasing in number, for the census of 1886 enumerated only 41,432; that of 1891, 41,993; and that of 1896, 39,854, namely, 21,673 males and 18,181 females. In the 1896 figures are included 3,503 half-castes living as members of Maori tribes (1,944 males and 1,559 females), and 20 Morioris at Chatham Islands (11 males and 9 females). Half-castes to the number of 2,259 (1,123 males and 1,136 females), living with Europeans at the time of the census, were enumerated as Europeans. It is said that when the colonists first landed in New Zealand the number of Maoris was fully 120,000, but this, like all other estimates of aboriginal population, is founded on very imperfect information.

ALIEN RACES.

At the census of 1891 the Chinese and half-caste Chinese in the whole group of colonies numbered 42,521, distributed as follows:—

New South Wales	14, 156
Victoria	9.377
Queensland	8.574
South Australia	3.997
Western Australia	917
Tasmania	1,056
New Zealand	4,444
Australasia	49 591

Since 1880 it has been deemed expedient by the Governments of the colonies to enact prohibitive laws against the immigration of Chinese, and their migration from one colony to another. For several years a poll-tax of £10 was imposed, but now, in New South Wales, in accordance with the most recent legislation on the subject, masters of vessels are forbidden under a heavy penalty to bring more than one Chinese to every 300 tons, and a poll-tax of £100 is charged on landing. In Victoria, Queensland, and South Australia no poll-tax is imposed, but masters of vessels may only bring one Chinese to every 500 tons The Western Australian Act was similar to that in the three last-named colonies until recently, but has now been superseded by the Coloured Immigrants Restriction Act. Tasmania allows one Chinese passenger to every 100 tons, and imposes a poll-tax of £10. Zealand an Act similar to the Tasmanian Act was in force until 1896, when the poll-tax was raised to £100, and the number of passengers restricted to one for every 200 tons burden. These stringent regulations have had the effect of greatly restricting the influx of this undesirable class of immigrants; but it is to be feared that the census of 1901 will disclose the fact that the Restriction Acts have not been so effectual in shutting out the Chinese from Australasia as the shipping returns of the colonies would lead one to suppose.

The only other alien race which the census of 1891 disclosed to be present in large numbers in Australasia were the Polynesians in Queensland, where they numbered 9,428. Since that time, however, there has been an influx of Hindoos and other eastern races sufficiently large to cause a feeling of uneasiness amongst the colonists, and in some of the colonies Parliament dealt with the evil by passing legislation which, in the main, meted out to these immigrants the treatment accorded to the Chinese. But a very large proportion of the Asiatics whose entrance into the colonies it was desired to stop were British subjects, and the Imperial Government refused to sanction any measure directly prohibiting in plain terms the movement of British subjects from one part of the empire to another. Eventually, the difficulty was overcome by the application of an educational test to the coloured races seeking admission to the colonies, whereby they are required to write out in some European language an application to the Colonial Secretary. This provision is taken from an Act in operation in Natal, which is said to have been effectual in that colony. An Act applying the educational test has been in force in Western Australia since the beginning of 1898; a similar Act has been passed in New South Wales, and will come into operation on the 1st December of the same year; while the Tasmanian Parliament is at present considering a measure of the same kind; and no doubt the other colonies will move in the same direction at an early date.

NATURALISATION.

The number of persons naturalised in Australasia during 1896 was 1,137; of these, nearly one-third took out papers of naturalisation in New Zealand, one-fourth in Queensland, and nearly one-sixth in each of the two colonies of New South Wales and Victoria. The figures for Western Australia and Tasmania are small. The following are the returns for each colony:—

Colony.	Germans and other German- speaking nations.	Scan- dinavians.	Chinese.	Others.	Total.
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	93 171 90	30 20 65 14 4 1 150	 1 1 17	55 61 38 18 12 1 66	184 174 275 122 22 8 352
Australasia	583	.284	19	251	1,137

CITIES AND TOWNS.

The progress of the chief cities of Australasia has been no less remarkable than that of the colonies themselves, and has no parallel among the cities of the old world. Even in America the rise of the great cities has been accompanied by a corresponding increase in the rural population, but in these colonies, perhaps for the first time in history, is presented the spectacle of magnificent cities growing with marvellous rapidity, and embracing within their limits one-third of the population of the colonies of which they are the seat of government. The abnormal aggregation of the population into their capital cities is a most unfortunate element in the progress of the colonies, and one which seems to become every year more marked.

The increase in the population of the chief cities of Australasia and the estimated numbers of their inhabitants at the various census periods are shown in the following table, which illustrates the remarkable progress referred to:—

City.	1841.	1851.	1861. ,	1871.	1881.	1891.
Sydney Melbourne Brisbaue Adelaide Perth Hobart Wellington	29,973 4,479 *829 †8,480 	53,924 23,143 2,543 ‡14,577 	95,789 139,916 6,051 18,303 19,449	137,776 206,780 15,029 42,744 5,244 19,092 7,908	224,939 282,947 31,109 103,864 5,822 21,118 20,563	383,283 490,896 93,657 133,252 8,447 33,450 33,224

* In 1846. † In 1840. † In 1850.

The aggregation of population is most marked in the case of Melbourne, but Adelaide and Sydney are also conspicuous. The proportion of population in each capital compared with that of the whole colony is shown below for the three years 1871, 1881 and 1891:—

City.	1871.	1881.	1891.
Sydney	per cent. 27.34 28.27 12.51 23.03 20.68 18.76 3.08	per cent. 29:93 32:81 14:57 37:11 19:60 18:25 4:20	per cent. 33.86 43.05 23.79 41.59 16.97 22.81 5.30

The percentage of New Zealand population resident in Wellington is small, but though it is the capital of the colony that city is exceeded

in population by Auckland, as well as by Dunedin and Christchurch. Still, even in the largest of these cities—Auckland—the population is not more than 8.18 per cent. of that of the whole colony.

The following is a list of the cities and towns of Australasia with a population exceeding 5,000 at the census of 1891; in all cases the

suburbs are included :-

City or Town.	Population.	City or Town.	Population
New South Wales—		Queensland-continued-	
Sydney	383,283	Gympie	8,449
Newcastle	50,705	Ipswich	7,625
Broken Hill	19,789	Toowoomba	7,007
Parramatta	11,677	South Australia—	
Goulburn	10,916	Adelaide	133,259
Maitland	10,214	Port Adelaide	20,644
Bathurst	9,162	Western Australia—	
Albury	5,447	Perth	8,44
Orange	5,064	Fremantle	5,60
Victoria—	'	Tasmania—	
Melbourne	490,896	Hobart	33,45
Ballarat	46,033	Launceston	17,20
Bendigo	37,238	New Zealand—	
Geelong	0.000	Auckland	51,28
Warrnambool	6,582	Christchurch	47,84
Castlemaine	= 'aua	Dunedin	45,86
Stawell	5,183	Wellington	33,22
Queensland—	-,	Invercargill	7,96
Brisbane	93,657	Napier	
Rockhampton		Nelson	
Maryborough	9,700	Oamaru	
Townsville	8,564	Wanganui	l –′~.

The estimated population of the capitals of the Australasian colonies on the 31st December, 1897, was as follows:—

Sydney	417,250
Melbourne	458,610
Brisbane	105,734
Adelaide	146,125
Perth	37,929
Hobart	39,172
Wellington	44,697

BIRTHPLACES.

One of the subjects of inquiry at the census of 1891, as at previous enumerations, was the birthplaces of the population. The result of the tabulation shows that while there are differences in the component parts of the population in the several colonies, these differences are slight, and

the great majority of the people—to the extent, indeed, of fully 95 per cent.—are of British origin. Probably the population of Australasia is more homogeneous than that of most European countries; for even in Queensland, where people of foreign descent are proportionately more numerous than in any of the other colonies, they do not amount to more than 10 per cent. of the total population. The subjoined table shows in a condensed form the results of the tabulation of the birthplaces of the population of each colony, the figures being exclusive of aborigines, and inclusive, in the case of European countries, of their colonies and possessions:—

Birthplaces.	New South Wales.	Victoria.	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas- mania.	New Zea- land.	Aus- tralasia.
New South Wales	725,015	19,775	17,023	2,154	555	1,180	2,833	
Victoria		713,074	7,462	6,609	1,036	4,205	8,941	782,095
South Australia	10,173 17,716	2,736 25,309	176,971 1,449	405 217,730	208	203	481	191,177
Western Australia	464		63	588	1,161 27,825	674 69	983 76	265,022 29,838
Tasmania	5.851	16,397	1,004	722	108	107,901	2,629	134,612
New Zealand	9,015	12,026	1,117	567	182	963	366,716	390,586
Australasia	809,002	790,070	205,039	228,775	31,075	115,195	382,659	2,561,865
England and Wales		162,907	77,187	48,821	9,812	17,443	119,284	589,683
Scotland	36,821	50,667	22,400	8,874	1,211	3,845	51,916	175,784
Ireland	75,051	85,307	43,036	14,369	3,499	5,687	47,634	274,583
United Kingdom	266,101	298,881	142,623	72,064	14,522	26,975	218,834	1,040,000
British Possessions-								
In Europe	177	131	71	296	39	14	111	839
In Asia In Africa		1,853	1,129	602	459	389	1,168	7,705
In America	738	1,008	240	222	90	65	340	2,703
In Polynesia	1,611	1,860 134	614 12	384 34	169	180 19	1,685 105	6,503 604
Other British Possessions	4,929	4,986	2,066	1,538	759	667	3,409	18,354
Austria-Hungary	588	586	247	185	29	20	<u> —-i—</u>	
Belgium	181	235	35	51	4	20 12	564 115	2,219 633
Denmark	1,488	1,399	3,072	276	41	137	2,053	8,466
France	2,270	1,307	411	400	72	77	711	5,248
Germany	9,565	10,775	14,924	8,553	290	918	4.663	49,688
Italy	1,477	1,717	439	186	36	36	397	4,288
Netherlands	284	366	67	82	19	12	143	973
Portugal	249	168	41	17	10	27	205	717
Spain	1,176 138	1,172 227	311 93	189 29	71 89	38	419	3,376
Sweden and Norway	3,397	3,214	1,956	1,157	204	17	$\frac{76}{2,702}$	669
Switzerland	594	1,317	469	142	15	18	362	12,824 2,917
United States of America	3,379	2,905	943	386	154	221	1,683	9,671
China	13,157	8,467	8,554	3,997	914	943	4,470	40,502
Specified foreign countries	37,943	33,855	31,562	15,650	1,948	2,670	18,563	142,191
At sea	1,960	1,973	832	601	114	170	1,295	6,945
All others and unspecified	4,019	10,075	11,546	1,803	1,364	990	1,898	31,695
Total	1,123,954	1,139,840	393,718	320,431	49,782	146,667	626,658	3,801,050

A glance at this table will show that natives of the Australasian colonies formed fully two-thirds of the population, and that the great

majority of the Australasian-born population were natives of the particular colony in which they were enumerated. The percentage of the people born in the colony in which they were resident at the time of the census, of those born in the other six Australasian colonies, and of the total Australasian-born population to the total population of each colony, are shown below:—

	Percentage to Total Population of-						
Colony.	Natives of Colony of Enumeration.	Natives of other Colonies.	Australasian- born Population.				
New South Wales	64:51	7.47	71.98				
Victoria	62.56	6.75	69.31				
Queensland	44.95	7.14	52.09				
South Australia	67.95	3.45	71.40				
Western Australia	55.89	6.53	62.42				
Tasmania	73.57	4.97	78.54				
New Zealand	58.52	2.54	61.06				
Australasia	61.44	5.96	67:40				

These figures show that proportionately the largest Australasian-born population is to be found in Tasmania, where more than 73 out of every 100 of the inhabitants were born in the colony, and over 78 per cent. were Australasians. In Queensland, on the contrary, very nearly half the population were natives of countries outside Australasia, and only 45 per cent. were Queenslanders by birth. The low proportion of native-born in the colony in question is no doubt accounted for by the comparatively recent settlement of much of its territory, and the encouragement given to immigrants from the United Kingdom and the Conti-It will be noticed that New South Wales has proved nent of Europe. the most attractive of all the provinces to those born in other parts of Australasia, while New Zealand, from its isolated position and greater distance, has drawn to itself the smallest proportion of Australasian The following figures set forth still more clearly the extent to which each colony is indebted for population to its neighbours :-

Colony.	Number of Natives of other six Colonies enumerated.	Number of Natives enumer- ated in other six Colonies.	Gain to Colony.	Loss to Colony.
New South Wales	83,987	43,520	40,467	
Victoria	76,996	69,021	7,975	• • • • • • • • • • • • • • • • • • • •
Queensland	28,118	14,206	13,912	**********
South Australia		47,292		36,247
Western Australia		2,013	1,237	
Tasmania	1	26,711	*******	19,417
New Zealand		23,870	•••••	7,927

In New South Wales, it will be seen, there were 83,987 natives of the other colonies, while only 43,520 natives of New South Wales had made their homes in other parts of Australasia, the result being a net gain of 40,467 persons—a very considerable proportion, seeing that several of the other provinces were originally colonised from New South Wales. On the other hand, South Australia showed a loss of 36,247 from intercolonial movements of population; Tasmania had lost 19,417; and New Zealand, 7,927. The natives of other parts of Australasia resident in Victoria very nearly balanced the number of Victorians resident in other provinces, the excess in favour of the colony in question being under 8,000. Queensland gained 13,912 from the other colonies; and Western Australia, 1,237 persons.

Next to the Australasian-born population, natives of the United Kingdom were by far the most numerous class in each colony. The following table shows the percentages of natives of England and Wales, Scotland, and Ireland to the total population of each colony:—

	Natives of—							
Colony.	England and Wales.			United Kingdom				
New South Wales Victoria Queensland South Australia Western Australia Tasmania	14.29	3·28 4·45 5·69 2·77 2·43 2·62	6.68 7.48 10.93 4.48 7.03 3.88	23·67 26·22 36·22 22·49 29·17 18·39				
New Zealand Australasia	19.04	8·28 4·62	$\frac{7.60}{7.23}$	34.92				

It was to be expected that the percentage of natives of the United Kingdom would be highest in those colonies which have introduced a large number of assisted immigrants during the last twenty years, namely, in Queensland and New Zealand, in which colonies the percentage of the native-born population is comparatively low. If the composition of the population of the United Kingdom be taken into consideration, it will be seen that Scotch and Irish colonists are proportionately much more numerous than those of English birth. The distribution of natives of the three kingdoms is very unequal in the different colonies. While natives of England are proportionately more numerous than natives of Scotland and Ireland in South Australia, Western Australia, and Tasmania; Scotsmen are most numerous in New Zealand, and Irishmen in Queensland.

The number of natives of parts of the British Empire other than the United Kingdom and Australasia enumerated in these colonies was very small, amounting only to the following percentages of the total population:—In New South Wales, 0.44 per cent.; in Victoria, 0.44 per cent.; in Queensland, 0.53 per cent.; in South Australia, 0.48 per

cent.; in Western Australia, 1.53 per cent.; in Tasmania, 0.45 per cent.; and in New Zealand, 0.54 per cent.; average for Australasia, 0.48 per cent. Natives of Canada and of the West and East Indies make up the majority of this class, which numbered only 18,354 altogether. It is not possible to give a complete tabulation of natives of foreign countries, as in some of the colonies no countries are mentioned other than those shown in the table given, the rest of the foreign-born population being bracketed together as natives of "other foreign countries." Immigrants from Germany appear to be most numerous; then follow natives of China, Sweden and Norway, the United States, Denmark, France, Italy, Russia, Switzerland, Austria-Hungary, the Netherlands, Portugal, Spain, and Belgium. Of countries not shown in the table, Greece and Asiatic Turkey would appear to have contributed most largely to the population of Australasia, though Polynesians are numerous in Queensland. The percentages to the total population of each colony of natives of Germany, of the Scandinavian Kingdoms (Sweden and Norway and Denmark), and of the total foreign-born population, are shown in the subjoined table :-

	Percentage of—						
Colony.	Germans.	Scandinavians.	Total Foreign-born Population.				
New South Wales Victoria Queensland South Australia Western Australia Tasmania New Zealand	0.85 0.95 3.79 2.67 0.58 0.63 0.74	0·43 0·40 1·28 0·45 0·49 0·23 0·76	3·38 2·98 8·02 4·88 3·91 1·82 2·97				
Australasia	1:31	0.56	3.74				

It will be seen that both Germans and Scandinavians are proportionately most numerous in Queensland, where together they amount to more than 5 per cent. of the population. Germans are also very numerous in South Australia, and Scandinavians in New Zealand.

CONJUGAL CONDITION.

At the Hobart Census Conference it had been decided to tabulate the conjugal condition of the people under the heads of "Never married," "Married," "Widowed," and "Divorced"; but this decision was not adhered to by South Australia and New Zealand, where the divorced were probably included under the heading of unmarried. For the sake of comparison a similar classification has therefore been made in the tabulation of the other colonies. The people who returned themselves as "divorced" on the census schedules of New South Wales numbered 178 males and 126 females—total, 304; in Victoria, 110 males and 86 females—total, 196; in Queensland, 16 males and 7 females—total, 23

in Western Australia, 3 males and 3 females—total, 6; and in Tasmania, 25 males and 6 females—total, 31. Considering that during the five years preceding the taking of the census 210 decrees for the dissolution of marriage had been granted in New South Wales, it is reasonable to assume that the figures quoted for that colony understate the truth, no doubt owing to the reluctance on the part of many people whose marriage bonds had been severed to return themselves as "divorced" in the census schedules, and the same remark applies to the other colonies.

The following table shows the number of unmarried, married, and widowed people in each colony, those whose conjugal condition was unspecified on the schedules having been proportionately distributed:—

Conjugal Condition.	New South Wales.	Victoria.	Queens- land.	South Austra- lia.	Western Austra- lia.	Tas- mania.	New Zealand.	Austral- asia.
Males-								
Unmarried	424,464	403,566	161,308	114,066	21,648	52,630	234,315	1,416,997
Married	166,634	170,954	57,963	48,932	7,266	22,488	90,754	564,991
Widowed	16,905	18,569	4,508	3,803	893	2,442	7,808	54,928
Total	608,003	598,089	223,779	166,801	29,807	77,560	332,877	2,036,916
FEMALES-								
Unmarried	324,504	335,098	105,632	96,891	12,706	43,755	190.758	1,109,344
Married	165,648	173,749	57,610	48,295	6,383	21,406	90,919	564,010
Widowed	25,799	32,904	6,697	8,444	886	3,946	12,104	90,780
Total	515,951	541,751	169,939	153,630	19,975	69,107	293,781	1,764,134
MALES AND FEMALES-								
Unmarried	748,968	743,664	266,940	210,957	34,354	96,385	425,073	2,526,341
Married	332,282	344,703	115,573	97,227	13,649	43,894	181,673	1,129,001
Widowed	42,704	51,473	11,205	12,247	1,779	6,388	19,912	145,708
Total	1,123,954	1,139,840	393,718	320,431	49,782	146,667	626,658	3,801,050

From the foregoing figures it will be seen that unmarried males are largely in excess of unmarried females in each colony. The number for each colony and the percentage of unmarried females to unmarried males are shown in the following table:—

Colony.	Excess of Unmarried Males over Unmarried Females.	Percentage of Unmarried Females to Unmarried Males.		
New South Wales	99,960	76.45		
Victoria	73,468	82.02		
Queensland	55,676	65.48		
South Australia	17,175	84.94		
Western Australia	8,942	58.69		
Tasmania	8,875	83.14		
New Zealand	43,557	81.41		
Australasia	307,653	78.29		

The percentage is particularly low in those colonies which have attracted much population from the other provinces, as New South Wales, Queensland, and Western Australia; while it is near the average in Victoria and New Zealand, which have neither gained nor lost population to any great extent; and it is considerably above the average in South Australia and Tasmania, whence a great amount of enigration to the other colonies has taken place. This fact favours the supposition that the movement of population chiefly consisted of young unmarried males attracted to the other colonies by the hope of bettering their condition.

The numbers of married males and females are fairly equal in all the colonics, the males preponderating everywhere except in Victoria and New Zealand; there must, therefore, have been an emigration of married males from these two provinces.

Amongst the widowed, females largely outnumber males, as was to be expected from the higher death-rate and the proportionately larger number of males re-married. Western Australia, however, shows a slight excess of widowers over widows. The following table shows for each colony the proportion of unmarried, married, and widowed males to total males; of unmarried, married, and widowed females to total females; and of unmarried, married, and widowed persons to total population:—

Percentage of—	New South Wales.	Victoria.	Queensland.	South Australia.	Western Australia.	Tasmania.	New Zealand.	Australasia.
MALES— Unmarried Married Widowed	69·81	68:31	72·08	68:38	72·63	67:86	70·39	69·57
	27·41	28:58	25·90	29:34	24·38	28:99	27·26	27·74
	2·78	3:11	2·02	2:28	2·99	3:15	2·35	2·69
FEMALES— Unmarried Married Widowed	62·89	61·86	62·16	63·07	63·61	63·31	64·93	62·88
	32·11	82·07	33·90	31·44	31·95	30·98	30·95	31·97
	5·00	6·07	3·94	5·49	4·44	5·71	4·12	5·15
PERSONS— Unmarried Married Widowed	66·64	65·24	67.80	65·84	69·01	65.72	67·83	66·46
	29·56	30·24	29.35	30·34	27·42	29.93	28·99	29·70
	3·80	4·52	2.85	3·82	3·57	4.35	3·18	3·84

SICKNESS AND INFIRMITY.

Inquiries were made in the census schedules respecting the number of persons suffering from sickness and infirmity, but there is reason to believe that, in some of the colonies at least, the way in which the column was filled in was unsatisfactory. The figures for New South Wales, Victoria, and South Australia may be compared throughout, as the classification adopted was practically the same, and to a certain extent this also holds good of the Western Australian and Tasmanian figures. The returns for Queensland are made in a somewhat indefinite way; and in

New Zealand half the number of persons returned as sick and infirm includes all ages, while the other half only includes the population of 15 years and over. The following table shows the results of the tabulation for each of the colonies:—

Sickness and Infirmity.	New South Wales.	Victoria.	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas-	New Zealand
Sickness-		Ì	ĺ		ì		Ī
Paralysis	851	1,097	*	300	*	*	468
Epilepsy	339	420	•	138	18	37	232
Leprosy	15	3	*	3	*	*	*
Other and undefined	10,117	13,127	*	3,620	487	2,579	†4,404
Total	11,322	14,647	2,969	4,061	505	2,616	5,104
Accidents	1,459	1,668	777	432	62	152	#679
Deaf and dumb	383	364	154	234	11	54	166
Dumb only	9	*	*	*	*	*	#
Deaf only	1,348	627	*	101	0	*	268
Blindness	741	995	199	247	54	165	274
Lunacy	3,129	3,770	1,104	852	129	383	1,798
Idiocy	286	355	*	84	7	46	128
Crippled	1,775	346	*	186	*	*	979
Lost a limb	635	754	*	251	35	*	*
Lost sight of an eye	1,164	1,157	*	339	79	*	*
Total	22,251	24,683	5,203	6,787	882	3,416	9,396

^{*} Included under more general heading. † Of this number, 4,130 persons refer to the population over 15 years only, while 274 persons refer to the whole population. ‡ Population over 15 years only.

HABITATIONS.

At the census of 1891 inquiry was made on the householders' schedules respecting the dwellings of the population. The information sought was in respect to whether a building was occupied, unoccupied, or in course of construction; the material of which it was built, and the number of rooms which it contained. The tabulation was not made with the same degree of completeness in all the colonies; but as far as comparative figures can be given they are shown below:—

Class of Dwelling.	New South Wales.	Victoria	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas-	New Zealand.
Occupied	16,166 1,255 8,368	217,895 15,846 1,693 264	78,429 2,224 44 *	59,834 3,818 235	10,221 236 73	26,585 1,588 189 244	119,766 9,558 425
canvas roofs	18,794	5,862	n¢		•	1,195	4,085
Total	241,991	241,560	80,697	63,887	10,530	29,801	133,834

^{*} Included under more general heading.

The materials of which the dwellings in each colony were constructed are shown in the following table, as far as the particulars are available:—

. Material.	New South Wales.	Victoria	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas- mania.	New Zealand
Brick or stone	90,456	69,545		50,723	6,087	8,452	5,697
Wood, iron, or lath and plaster	130,363	154,843		11,519	2,388	19,231	116,801
Slabs, bark, mud, &c	•	4,841		*	306	595	4,286
Canvas, linen, calico, &c	18,794	5,858		889	1,552	1,214	4,085
Other materials				*	3		1,551
Unspecified materials	2,378	6,473		756	194	309	1,414
Total	241,991	241,560	80,697	63,887	10,530	29,801	133,834

^{*} Included in previous line.

The number of rooms is given below for all houses, whether occupied or unoccupied, except in the case of New South Wales and New Zealand, where the figures given refer only to occupied dwellings:—

Dwellings, with—	· New South Wales.	Victoria.	Queens- land.	South Aus- tralia.	Western Aus- tralia.	Tas- mania,	New Zealand
One room	24,876	} 28,497		1,948	2,075	2,469	11,528
Two rooms	16,137	\$ 20,401	• • • •	7,397	1,612	4,092	11,030
Three and four rooms	65,920	7,50,050	••••	28,256	2,855	11,627	41,934
Five and six rooms	64,342	156,976		15,911	1,440	5,880	32,868
Seven to ten rooms	32,275	36,944)	1,856)	
Eleven to fifteen rooms	7,371	7,061			318		
Sixteen to twenty rooms	1,912	1,673		}9,614	92	5,413	24,968
More than twenty rooms	1,160	1,226)	47)	
Number of rooms unspecified	1,947	9,183		761	235	320	1,523
Total	215,940	241,560	80,697	63,887	10,530	29,801	123,851

In Queensland the habitations were enumerated under the Quinquennial Census Act, which does not provide for a statement either of the materials of which houses are constructed or of the number of rooms which they contain. From the foregoing figures it will be seen that in Australasia there are nearly 5½ persons to every occupied house.