

1880.  
—  
VICTORIA.

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# AUSTRALASIAN STATISTICS

FOR THE YEAR 1879,

*COMPILED FROM OFFICIAL RETURNS;*

WITH

## A REPORT

*By the Government Statist of Victoria.*

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PRESENTED TO BOTH HOUSES OF PARLIAMENT BY HIS EXCELLENCY'S COMMAND.

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*By Authority:*  
JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.



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SUMMARY OF AUSTRALASIAN STATISTICS, FROM 1873 TO 1879 INCLUSIVE.

Table with columns: Name of Colony, Area in Square Miles, Year, Population on the 31st December, Births, Deaths, Marriages, Immigrants by Sea, Emigrants by Sea, Public Revenue (Total, Proportion raised by Taxation), Public Expenditure, Public Debt on the 31st December, Imports, Exports, Shipping Inwards and Outwards (Vessels, Tons), Miles of Railway open on the 31st December, Miles of Telegraph line (poles) open on the 31st December, Crown Lands (Granted and Sold to the 31st December, Total Amount realized).

\* Where asterisks occur the information has not been furnished.

1 For later information respecting the population of two of the colonies, see footnotes to Table I., post.
2 The Revenue and Expenditure of Victoria in all the years specified, and of Queensland in the last four are for the twelve months ended 30th June. In other instances the information relates to the years ended 31st December. For later information respecting Victoria, see footnote (3) to Table IV., post.
3 For information respecting the Public Debt of Victoria to the 30th June 1880, also respecting the "Accrued Sinking Funds of New Zealand," see footnotes (3) and (4) to Table V., post.

\* In making returns of lands sold, and amounts realized therefor, the colonies have not adopted a uniform principle. See footnotes to Table IX., post.
The figures for South Australia from 1876 onwards include the balance due for lands sold on credit. The figures of the years prior to 1876 do not express the full amount for which such lands were parted with.

SUMMARY OF AUSTRALASIAN STATISTICS, FROM 1873 TO 1879 INCLUSIVE—continued.

Table with columns: Name of Colony, Year, Total Cultivation, Wheat, Oats, Barley, Maize, Other Cereals, Potatoes, Hay, Vines, Green Forage, Other Tillage, and Live Stock (Horses, Cattle, Sheep, Pigs). Rows include Victoria, New South Wales, Queensland, South Australia, Western Australia, Tasmania, and New Zealand.

1 Including beans and pease, except in the case of New South Wales. 2 Including land under permanent artificial grass in all the colonies except Western Australia (where green forage is included with hay) and New Zealand. See footnotes (2 and 7) to Table X., post.

\* Where asterisks occur the information has not been furnished.

3 Including land in fallow in most of the colonies. See footnote (3) to Table X., post. 4 In the New Zealand returns the land under permanent artificial grass, which in other colonies is classed with green forage, is not considered as under cultivation. See footnote (7) to Table X., post.

HENRY HEYLYN HAYTER, Government Statist of Victoria.

# REPORT.

OFFICE OF THE GOVERNMENT STATIST,

Melbourne, 15th September 1879.

SIR,

I have the honor to forward herewith the Australasian Statistics for the year 1879, preceded, as usual, by a summary, giving information respecting the colonies, extending over a series of years. Australasian statistics.

2. I have again to express my regret that it has not been possible to publish these tables at an earlier period. The delay is in no way attributable to this colony, as the information respecting it was ready in the middle of July; and if all the colonies had been equally forward the whole might have been issued two months since. In justice to those by whom the necessary particulars were furnished promptly, I subjoin a statement showing the date at which the return from each colony reached this department :— Delay not attributable to Victoria.

Western Australia	...	...	21st June.
South Australia	...	...	24th June.
New Zealand	...	...	25th June.
Fiji	...	...	20th July.
Tasmania	...	...	22nd July.
Queensland	...	...	10th September.
New South Wales	...	...	14th September.

3. It will be recollected that I, some time since, reported that it was the practice in New South Wales not to forward the necessary information respecting that colony until a return somewhat similar in character to the present one—for part of the contents of which it was dependent upon Victoria—had been published there. This your predecessor represented to the Government of New South Wales, and suggested that the returns of the two colonies should in future be published on the same day. No notice, however, appears to have been taken of this suggestion, as New South Wales has on this occasion, as on former ones, issued its statement\* before furnishing Victoria with the requisite particulars for completing the present tables. I would suggest that, in future, before the information respecting this colony is furnished, a definite understanding be arrived at with New South Wales with reference to the simultaneous publication of the returns in the two colonies. Information retained by N. S. Wales.

4. The populations of every one of the Australasian colonies increased during 1879. At the end of that year the aggregate population of the group was 2,715,792, as against 2,603,122 in the previous year. Population.

\* The statement in question was published in Sydney on the 4th September, whereas the particulars respecting New South Wales necessary to complete these tables did not reach this department until the 14th of the same month.

Births, deaths,  
and marriages.

5. In the colonies, taken as a whole, the births during 1879 numbered 94,155, and the deaths 36,789. The excess of the former over the latter was thus 57,266, or 156 per cent. The marriages in 1879 numbered 18,642, or only 59 more than in 1878.

Births and  
marriages in  
Victoria and  
N. S. Wales.

6. It may be remarked that in 1879 the births and, in that and the previous year, the marriages in Victoria were slightly fewer than in New South Wales. These are the only occasions on which Victoria has not in respect to both these items been at the head of the group.

Immigration and  
emigration.

7. The number of arrivals in all the Australasian colonies during 1879 was 150,942, and the number of departures 95,638, as against 139,011 arrivals and 95,184 departures in 1878. These figures include persons going from one colony to another as well as those coming from abroad, so that in many instances the same person is returned more than once. The assisted immigrants in 1879 numbered 23,131, of whom only 15 came to Victoria. It may be observed that, had it not been for the introduction of immigrants by the State, the departures from Queensland would have exceeded the arrivals in that colony by 2,664 persons in 1878 and by 1,044 persons in 1879; also that a loss to the colony of 149 persons in 1878, and of 64 in 1879, actually occurred in Western Australia by excess of departures over arrivals, which numbers would have been increased to 225 in 1878, and 125 in 1879, had it not been that 76 immigrants in the former year, and 61 in the latter, were introduced at the expense of the State.

Revenue and  
expenditure.

8. The revenues of the colonies in 1879 amounted together to £15,927,488, and their joint expenditure to £18,645,103; the excess of the latter was thus £2,717,615, or 17 per cent. In all the colonies except Western Australia the expenditure exceeded the revenue. The largest revenue was raised in Victoria, but the expenditure in New South Wales exceeded that in Victoria by more than a million sterling.

Taxation.

9. According to the amount raised per head of the population, taxation in 1879 was lighter in Victoria than in any other Australasian colony except New South Wales.

Public debt.

10. The aggregate debts of the Australasian colonies at the end of 1879 amounted to £77,892,183, or about £10,000,000 more than at the end of 1878. Victoria was in 1879 less indebted in proportion to population than Queensland, New Zealand, or South Australia, and to revenue than Queensland, New Zealand, or Tasmania.

Imports and  
exports.

11. The value of the imports and exports of the Australasian colonies in 1879 amounted to £88,655,640, or to about £6,000,000 less than in 1878. In these figures the value of the goods passing from colony to colony are included as well as those coming from and sent to distant countries. The Victorian imports were above those of any other colony, but the exports of New South Wales were slightly in excess of those of Victoria. The total value of external trade was, however, higher in Victoria than in New South Wales or any of the other colonies.

Shipping.

12. The vessels passing between the colonies and arriving from and departing for British and Foreign ports in 1879 numbered in the aggregate 17,151, of a total burden of 8,171,855 tons. These figures are slightly higher than those for 1878. In consequence of the large amount of tonnage employed in the coal trade of New South Wales, the shipping entering the ports of that colony has for years past somewhat exceeded that entering the ports of Victoria, but, with this exception, the shipping trading to Victoria exceeds that to any other colony.



13. The miles of railway open or in course of construction in the colonies at the end of 1879 numbered 5,560, or an increase of 422 during the year. At the same period the miles of telegraph line numbered 28,363, and the miles of telegraph wire 43,950; the increase during the year of the former being 1,618, and of the latter 3,316. Railways and telegraphs.

14. The land granted and sold in the whole of the colonies amounted at the end of 1879 to 76,869,723 acres, of which 2,823,099 acres were alienated within the year. The total amount of land alienated in the Australasian colonies is only about 4 per cent. of their whole area. Lands alienated.

15. The land in cultivation in 1879-80 amounted to 6,371,238 acres, or nearly half a million more acres than in the previous season. The acreage under tillage in Victoria exceeds that in any other colony except South Australia. Land under tillage.

16. The wheat raised in Australasia amounted in the season under review to 36,346,950 bushels, or 10,000,000 bushels more than in the previous one. The yields of all the other crops also show large increases. The wheat raised should be sufficient for the wants of at least six million persons, so that considerably more than half the quantity grown will be available for export. Crops raised.

17. At the end of 1879 the horses in the Australasian colonies numbered over a million, the cattle nearly eight millions, the sheep sixty-six millions, and the pigs eight hundred thousand. All these figures are larger than those in the previous year. Live stock.

18. Statistics of Fiji for two years are given in an appendix. In comparing 1879 with 1878 an increase will be observed in almost all the items. Statistics of Fiji.

19. In order that the following tables may be published as soon as possible, I have here only glanced at the information they contain. This, however, will be freely quoted and largely commented upon in the *Victorian Year-Book* 1880-1. Conclusion.

I have the honor to be, Sir,

Your most obedient servant,

HENRY HEYLYN HAYTER.

The Honorable the Chief Secretary.



# AUSTRALASIAN STATISTICS, 1879.

## TABLE I.—POPULATION, 1879.

Name of Colony.	Area in Square Miles.	On the 31st December.						Estimated Mean Population of the Year.		
		Estimated Population.			Number of—		Persons to the Square Mile.	Males.	Females.	Total.
		Males.	Females.	Total.	Males to 100 Females.	Females to 100 Males.				
Victoria .. ..	88,198	489,559	409,774	899,333 <sup>1</sup>	119'47	83'70	10'197	483,425	405,075	888,500
New South Wales .. ..	310,938	409,665	324,617	734,282	126'20	79'24	2'361	397,671	316,341	714,012
Queensland .. ..	666,520	130,867	86,984	217,851	150'45	66'47	'325	129,238	84,943	214,181
South Australia .. ..	903,690 <sup>2</sup>	135,198	124,262	259,460 <sup>3</sup>	108'80	91'91	'287	132,600	121,528	254,128
Western Australia .. ..	1,000,000	16,628	12,040	28,668	138'11	72'41	'029	16,519	11,898	28,417
Total .. ..	2,972,346 <sup>4</sup>	1,181,917	957,677	2,139,594	123'41	81'03	'720	1,159,453	939,785	2,099,238
Tasmania .. ..	26,215	59,447	53,022	112,469	112'12	89'19	4'290	58,742	52,466	111,208
New Zealand .. ..	105,342	257,894	205,835	463,729 <sup>5</sup>	125'29	79'81	4'402	249,261	198,863	448,124
Grand Total .. ..	3,103,903	1,499,258	1,216,534	2,715,792	123'24	81'14	'875	1,467,456	1,191,114	2,658,570

<sup>1</sup> On the 30th June 1880 the estimated Population of Victoria was as follows:—Males, 494,763; Females, 414,089; Total, 908,852.

<sup>2</sup> Including the area of the Northern Territory, estimated to be 523,620 square miles.

<sup>3</sup> On the 30th June 1880 the estimated total Population of South Australia was 264,424.

<sup>4</sup> According to calculations made in the Geographical Establishment at Gotha, by means of the planimetric system, the area of Australia should be 2,945,227 square miles, or 27,119 less than that estimated in the colonies themselves. The principal difference, amounting to over 24,000 square miles, is in Western Australia, where, it is suggested, the islands may have been included twice. The area of New South Wales, also, is stated to be over 2,000, and that of Queensland over 1,000 square miles too much, whilst the areas of Victoria and South Australia are considered to slightly understate the true figures. The following, according to the calculations referred to, are the areas of the respective colonies:—

	Square miles.
Victoria .. ..	88,451
New South Wales .. ..	308,560
Queensland .. ..	668,259
South Australia .. ..	904,133
Western Australia .. ..	975,824
Total .. ..	2,945,227

See Dr. Petermann's Mittheilungen, No. 55, entitled "Die Bevölkerung der Erde V.," by Messrs. Behm and Wagner, page 44; Gotha, Justus Perthes, 1878.

<sup>5</sup> The Maori population is not included; it was estimated in 1878 to amount to 43,595.

## TABLE II.—BIRTHS, DEATHS, AND MARRIAGES, 1879.

Name of Colony.	Births of—			Deaths of—			Marriages <sup>2</sup>	Per 1000 of Mean Population—Number of— <sup>1</sup>			Excess of Births over Deaths.		Males to 100 Females.	
	Males.	Females.	Total.	Males.	Females.	Total.		Births.	Deaths.	Marriages	Numerical.	Per cent.	Born.	Died.
	Victoria .. ..	13,727	13,112	26,839	7,033	5,087	12,120	4,986	30'21	13'64	5'61	14,719	121'44	104'69
New South Wales .. ..	13,840	13,093	26,933	6,082	4,118	10,200	5,391	37'72	14'29	7'55	16,733	164'04	105'71	147'69
Queensland .. ..	4,000	3,870	7,870	2,098	1,109	3,207	1,604	36'74	14'97	7'49	4,663	145'40	103'36	189'18
South Australia .. ..	5,013	4,889	9,902	2,041	1,539	3,580	2,238	38'96	14'09	8'81	6,322	176'59	102'53	132'62
Western Australia .. ..	528	449	977	281	130	411	215	34'38	14'46	7'57	566	137'71	117'59	216'15
Total .. ..	37,108	35,413	72,521	17,535	11,983	29,518	14,434	34'55	14'06	6'88	43,003	145'68	104'79	146'33
Tasmania .. ..	1,774	1,790	3,564	998	690	1,688	804	32'05	15'18	7'23	1,876	111'14	99'11	144'64
New Zealand .. ..	9,295	8,775	18,070	3,362	2,221	5,583	3,404	40'32	12'46	7'60	12,487	223'66	105'93	151'37
Grand Total .. ..	48,177	45,978	94,155	21,895	14,894	36,789	18,642	35'42	13'84	7'01	57,366	155'93	104'78	147'01

<sup>1</sup> In calculating these results the mean populations shown in the last column of Table I. have been used.

<sup>2</sup> The numbers in these two columns doubled give the total number of persons married, and the number married in proportion to every thousand of the living population.

TABLE III.—IMMIGRATION AND EMIGRATION, 1879.

Name of Colony.	Number of Immigrants.									Number of Emigrants.			Excess of Immigrants over Emigrants.			Excess of Emigrants over Immigrants.		
	Assisted and Free.			Unassisted.			Total.			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.									
Victoria .. ..	7	8	15	32,065	12,304	44,369	32,072	12,312	44,384	27,523	11,689	39,212	4,549	623	5,172	..	..	..
New South Wales ..	2,746	2,985	5,731	28,108	10,662	38,770	30,854	13,647	44,501	14,625	6,070	20,695	16,229	7,577	23,806	..	..	..
Queensland .. ..	2,184	1,538	3,722	7,918	2,188	10,106	10,102	3,726	13,828	8,745	2,405	11,150	1,357	1,321	2,678	..	..	..
South Australia ..	1,706	1,529	3,235	7,256	2,989	10,245	8,962	4,518	13,480	6,737	2,400	9,137	2,225	2,118	4,343	..	..	..
Western Australia	55	6	61	89	64	153	144	70	214	172	106	278	..	..	..	28	36	64
Total .. ..	6,698	6,066	12,764	75,436	28,207	103,643	82,134	34,273	116,407	57,802	22,670	80,472	24,332 <sup>1</sup>	11,603 <sup>1</sup>	35,935 <sup>1</sup>	..	..	..
Tasmania .. ..	21	35	56	7,559	2,963	10,522	7,580	2,998	10,578	6,945	2,987	9,932	635	11	646	..	..	..
New Zealand .. ..	5,522	4,789	10,311	9,664	3,982	13,646	15,186	8,771	23,957	3,852	1,382	5,234	11,334	7,389	18,723	..	..	..
Grand Total .. ..	12,241	10,890	23,131	92,659	35,152	127,811	104,900	46,042	150,942	68,599	27,039	95,638	36,301 <sup>1</sup>	19,003 <sup>1</sup>	55,304 <sup>1</sup>	..	..	..

<sup>1</sup> These are net numbers.

NOTE.—The Immigration and Emigration in this table is by sea. No official account is, or can be, taken of the number of persons going overland from one colony to another.

TABLE IV.—PUBLIC REVENUE AND EXPENDITURE, 1879.

Name of Colony.	Date on which Financial Year terminates.	Public Revenue.			Public Expenditure.	Per Head of Mean Population. <sup>1</sup>			Proportion of Revenue raised by Taxation.
		Raised by Taxation. <sup>2</sup>	Not raised by Taxation.	Total.		Taxation.	Total Revenue.	Expenditure.	
		£	£	£		£ s. d.	£ s. d.	£ s. d.	
Victoria <sup>3</sup> .. ..	30th June	1,730,088	2,891,432	4,621,520	4,833,379	1 19 4 <sup>3</sup> / <sub>4</sub>	5 5 3	5 10 0 <sup>3</sup> / <sub>4</sub>	37'44
New South Wales	31st Dec.	1,272,721	3,202,338	4,475,059	5,839,150	1 15 7 <sup>3</sup> / <sub>4</sub>	6 5 4 <sup>1</sup> / <sub>4</sub>	8 3 6 <sup>3</sup> / <sub>4</sub>	28'44
Queensland .. ..	30th June	631,289	830,535	1,461,824	1,678,631	2 19 11 <sup>3</sup> / <sub>4</sub>	6 18 10 <sup>1</sup> / <sub>2</sub>	7 19 5 <sup>3</sup> / <sub>4</sub>	43'19
South Australia ..	31st Dec.	526,366	1,136,132	1,662,498	1,847,256	2 1 5 <sup>1</sup> / <sub>4</sub>	6 10 10 <sup>1</sup> / <sub>4</sub>	7 5 4 <sup>3</sup> / <sub>4</sub>	31'66
Western Australia	31st Dec.	88,329	107,986	196,315	195,812	3 2 2	6 18 2	6 17 9 <sup>3</sup> / <sub>4</sub>	44'99
Total .. ..	..	4,248,793	8,168,423	12,417,216	14,394,228	2 0 9	5 19 1	6 18 0 <sup>1</sup> / <sub>2</sub>	34'22
Tasmania .. ..	31st Dec.	236,404	138,963	375,367	405,839	2 2 6 <sup>1</sup> / <sub>4</sub>	3 7 6 <sup>1</sup> / <sub>4</sub>	3 12 11 <sup>3</sup> / <sub>4</sub>	62'98
New Zealand .. ..	31st Dec.	1,441,838	1,693,067	3,134,905	3,845,036	3 4 4 <sup>1</sup> / <sub>4</sub>	6 19 11	8 11 7 <sup>1</sup> / <sub>4</sub>	45'99
Grand Total .. ..	..	5,927,035	10,000,453	15,927,488	18,645,103	2 4 9 <sup>3</sup> / <sub>4</sub>	6 0 5 <sup>1</sup> / <sub>2</sub>	7 1 0	37'21

<sup>1</sup> In calculating these amounts the average population of Victoria during the year ended 30th June 1879 (878,243) and the population of Queensland on the 1st January 1879 (210,510) have been taken. For the other colonies the figures of mean population shown in the last column of Table I. have been used.

<sup>2</sup> The amounts in this column are made up of Customs duties, exclusive of duties on the export of gold, drawbacks, &c.; also of excise duties, including licenses imposed for revenue purposes; stamps, other than those for fees of office; legacy, succession, and probate duties; property and income taxes; and any other impost, payable to the General Government, levied distinctly as a tax; but excluding fees, licenses, and charges for special services rendered.

<sup>3</sup> According to a return made up in the Treasury, but not audited up to the time of this going to press, the figures for Victoria during the year ended 30th June 1880 were as follow:—Revenue raised by taxation, £1,600,940; revenue not so raised, £2,982,757; total revenue, £4,673,697; estimated total expenditure, £5,021,000. The estimated mean population during the same period was 898,452; therefore the revenue per head was £5 4s. 0<sup>1</sup>/<sub>4</sub>d.; and the expenditure per head was £5 11s. 9<sup>1</sup>/<sub>4</sub>d.; and the taxation per head was £1 17s. 7<sup>1</sup>/<sub>4</sub>d.

TABLE V.—PUBLIC DEBT, 1879.

Name of Colony.	On the 31st December.		Number of Years' Revenue <sup>1</sup> Debt is equal to.
	Total Amount of Public Debt.	Indebtedness per Head of Population. <sup>2</sup>	
	£	£ s. d.	
Victoria <sup>3</sup> .. ..	20,050,753	22 5 10 <sup>3</sup> / <sub>4</sub>	4'34
New South Wales	14,937,419	20 6 10 <sup>1</sup> / <sub>4</sub>	3'34
Queensland .. ..	10,192,150	46 15 8 <sup>1</sup> / <sub>2</sub>	6'97
South Australia ..	6,605,750	25 9 2 <sup>1</sup> / <sub>4</sub>	3'97
Western Australia	361,000	12 11 10 <sup>1</sup> / <sub>4</sub>	1'84
Total .. ..	52,147,072	24 7 5 <sup>1</sup> / <sub>2</sub>	4'20
Tasmania .. ..	1,786,800	15 17 8 <sup>3</sup> / <sub>4</sub>	4'76
New Zealand <sup>4</sup> .. ..	23,958,311	51 13 3 <sup>1</sup> / <sub>4</sub>	7'64
Grand Total .. ..	77,892,183	28 13 7 <sup>1</sup> / <sub>2</sub>	4'89

<sup>1</sup> In calculating these results the figures of public revenue given in Table IV. have been used.

<sup>2</sup> In calculating these results the populations on the 31st December shown in the fifth column of Table I. have been used.

<sup>3</sup> On the 30th June 1880 the Public Debt of Victoria was £20,056,600. The estimated population at that date was 908,852, and the revenue of the financial year ended with that date was £4,673,697. The amount of indebtedness per head was thus £22 1s. 4<sup>1</sup>/<sub>4</sub>d., and the debt was equivalent to 4'29 years' revenue.

<sup>4</sup> The Invested Sinking Fund of New Zealand amounted on the 31st December to £1,805,231. The total debt should therefore be reduced by that amount to show the net liability.

TABLE VI.—IMPORTS AND EXPORTS, 1879.

Name of Colony.	Total Value of—			Value per Head of Mean Population of— <sup>1</sup>		
	Imports.	Exports.	Both.	Imports.	Exports.	Both.
	£	£	£	£ s. d.	£ s. d.	£ s. d.
Victoria ...	15,035,538	12,454,170	27,489,708	16 18 5¼	14 0 4	30 18 9¼
New South Wales ...	14,198,847	13,086,819	27,285,666	19 17 8½	18 6 6¾	38 4 3¾
Queensland ...	3,080,889	3,434,034	6,514,923	14 7 8¼	16 0 8	30 8 4¼
South Australia ...	5,014,150	4,762,727	9,776,877	19 14 7½	18 14 10	38 9 5½
Western Australia ...	407,299	494,884	902,183	14 6 8	17 8 3¼	31 14 11½
Total ...	37,736,723	34,232,634	71,969,357	17 19 6¼	16 6 1¾	34 5 8
Tasmania ...	1,267,475	1,301,097	2,568,572	11 7 11½	11 14 0	23 1 11½
New Zealand ...	8,374,585	5,743,126	14,117,711	18 13 9¼	12 16 3¾	31 10 1
Grand Total ...	47,378,783	41,276,857	88,655,640	17 16 5	15 10 6¼	33 6 11¼

<sup>1</sup> In calculating these results the mean populations shown in the last column of Table I. have been used.

TABLE VII.—SHIPPING, 1879.

Name of Colony.	Inwards.		Outwards.		Total.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
Victoria ...	2,084	963,087	2,083	977,135	4,167	1,940,222
New South Wales ...	2,391	1,268,377	2,396	1,272,347	4,787	2,540,724
Queensland ...	1,261	637,695	1,251	618,699	2,512	1,256,394
South Australia ...	1,092	467,729	1,039	465,162	2,131	932,891
Western Australia ...	162	84,951	162	85,086	324	170,037
Total ...	6,990	3,421,839	6,931	3,418,429	13,921	6,840,268
Tasmania ...	705	189,087	723	192,808	1,428	381,895
New Zealand ...	894	473,940	908	475,752	1,802	949,692
Grand Total ...	8,589	4,084,866	8,562	4,086,989	17,151	8,171,855

TABLE VIII.—RAILWAYS AND ELECTRIC TELEGRAPHS, 1879.

Name of Colony.	On the 31st December.						
	Number of Miles of Railway.			Number of Miles of Electric Telegraph.			
	Open.	In course of Construction.	Total.	Line (Poles).			Wire Open.
				Open.	In course of Construction.	Total.	
Victoria ...	1,125¼ <sup>1</sup>	74¼	1,199½	3,155	23	3,178	5,736
New South Wales ...	736	286	1,022	7,517½	497¾	8,015¼	12,426
Queensland ...	503	305	808	5,871	...	5,871	7,891
South Australia ...	559	252¼	811¼	4,393½	850	5,243½	5,934
Western Australia ...	72	20	92	1,568¾	3½	1,572¼	1,580¾
Total ...	2,995¼	937½	3,932¾	22,505¾	1,374¼	23,880	33,567¾
Tasmania ...	172½	...	172½	864	14	878	1,082
New Zealand ...	1,171	284	1,455	3,605	...	3,605	9,300
Grand Total ...	4,338¾	1,221½	5,560¼	26,974¾	1,388¼	28,363	43,949¾

<sup>1</sup> Consisting of 174¼ miles of double and 951 miles of single line.

TABLE IX.—CROWN LANDS ALIENATED, 1879.

Name of Colony.	Area in Statute Acres.	Acres Granted and Sold. <sup>1</sup>			Amount realized on Land Sales.						Extent Unalienated at end of 1879. <sup>2</sup>
		Prior to 1879.	During 1879.	Total.	Total.			Average per Acre. <sup>3</sup>			
					Prior to 1879.	During 1879.	Total.	Prior to 1879.	During 1879.	Total.	
Victoria ..	56,446,720	11,458,634	283,694	11,742,328	£ 18,752,142	£ 384,432	£ 19,136,574	£ s. d. 1 12 8½	£ s. d. 1 7 2	£ s. d. 1 12 7½	acres. 44,704,392
New South Wales	199,000,000	30,039,977	1,429,126 <sup>4</sup>	31,469,103	26,899,148	1,520,793	28,419,941	0 17 11	1 1 3½	0 18 0½	167,530,897
Queensland ..	428,492,800	3,442,389	544,120	3,986,509	2,978,768	321,226	3,299,994	0 17 3½	0 11 9½	0 16 6½	424,506,291
South Australia	578,361,600	8,068,082	409,730	8,477,812	10,859,785	584,796	11,444,581	1 6 11	1 8 6½	1 7 0	569,883,788
Western Australia	640,000,000	1,656,958	22,353	1,679,311	*	*	*	*	*	*	638,320,689
Total ..	1,902,301,120	54,666,040	2,689,023	57,355,063	*	*	*	*	*	*	1,844,946,057
Tasmania ..	16,777,600	4,138,945	54,500	4,193,445	1,810,969	76,233	1,887,202	0 8 9	1 7 11½	0 9 0	12,584,155
New Zealand ..	67,418,880	15,241,639 <sup>5</sup>	79,576	15,321,215	11,100,236	160,593	11,260,829	0 14 6½	2 0 4½	0 14 8½	52,097,665
Grand Total	1,986,497,600	74,046,624	2,823,099	76,869,723	*	*	*	*	*	*	1,909,627,877

<sup>1</sup> The figures for Victoria do not include land of which the purchase was not completed, which amounted at the end of 1879 to 7,459,452 acres. The figures for New South Wales and South Australia do include such land, but the area has not been given. Portion of this land might revert to the Crown in consequence of non-fulfilment of conditions, &c.

<sup>2</sup> To compute the amounts in these columns the money realized has been divided by the sum of the acres granted and sold. The amounts therefore express the average price realized for all the land parted with, including not only that for which money was paid, but that which was granted without payment.

<sup>3</sup> In Victoria the land in process of alienation is included under this head. See note 1.

<sup>4</sup> Including 21,762 acres granted for religious and public purposes.

<sup>5</sup> Including 2,341,981 acres granted without purchase.

\* Where asterisks occur the information has not been furnished, or is incomplete.

TABLE X.—AGRICULTURAL STATISTICS, 1879-80.—LAND IN CULTIVATION.

\*\* The Agricultural Statistics in most of the colonies are collected in the months of February and March of each year. The present returns are for those months of 1880. In calculating the rates of tillage per head the population at the 31st December 1879 has been taken.

Name of Colony.	Number of Acres under Tillage.		Number of Acres under—									
	Total.	Per Head of Population.	Wheat.	Oats.	Barley.	Maize.	Other Cereals. <sup>1</sup>	Potatoes.	Hay.	Vines.	Green Forage. <sup>2</sup>	Other Tillage. <sup>3</sup>
Victoria ...	1,688,275	1·88	707,188	167,615	43,182	2,447	22,698	41,600	201,451	4,284	305,790	192,020 <sup>4</sup>
New South Wales	635,641	·87	233,368	23,883	6,130	135,034	1,128	19,271	112,414	4,266	64,644	35,503 <sup>5</sup>
Queensland ...	106,864	·49	3,607	175	1,789	48,365	259	4,761	11,645	743	7,585	27,935 <sup>5</sup>
South Australia	2,271,058	8·75	1,458,096	4,117	15,107	...	3,963	7,320	265,463	4,117	33,996	478,879
Western Australia	65,492	2·28	25,762	1,734	7,238	35	890	362	19,085	718	...	9,668
Total ...	4,767,330	2·23	2,428,021	197,524	73,446	185,881	28,938	73,314	610,058	14,128	412,015	744,005
Tasmania ...	366,407	3·26	45,215	37,216	6,491	...	6,313	9,743	35,538	...	118,600	107,201
New Zealand ...	1,237,501 <sup>7</sup>	2·67	270,198	330,208	57,484	...	...	21,260	71,911	...	48,584	437,856
Grand Total ...	6,371,238	2·35	2,743,434	564,948	137,421	185,881	35,251	104,317	717,507	14,128	579,289	1,289,062

<sup>1</sup> Including beans and pease, except in the case of New South Wales.

<sup>2</sup> In addition to crops sown for the purpose of being cut green for cattle this column contains the following areas laid down in permanent artificial grass in the colonies named:—Victoria, 301,477 acres; Queensland, 5,919 acres; South Australia, 24,121 acres; Tasmania, 117,497 acres.

<sup>3</sup> In the returns of some of the colonies this column embraces land in fallow as well as land under crop. The following are the areas in fallow included in the returns of such colonies:—Victoria, 165,154 acres; Queensland, 5,812 acres; South Australia, 449,119 acres; Western Australia, 9,060 acres; Tasmania, 26,193 acres; New Zealand, 251,826 acres.

<sup>4</sup> Including 566 acres under turnips, carrots, parsnips, cabbage, and beet, which produced 4,558 tons; 1,027 acres under mangrel wurzel, which produced 14,897 tons; 1,040 acres under onions, which produced 7,347 tons; 531 acres under tobacco, which produced 1,297 cwt.; 392 acres under chicory, which produced 1,764 tons; 267 acres under hops, which produced 2,540 cwt.; 2,237 acres under grass seeds, which produced 32,031 bushels, &c.

<sup>5</sup> Including 7,778 acres under sugar-cane, of which 3,675 acres were productive, and yielded 153,833 cwt. of sugar; 26 acres under arrowroot, which produced 38,531 lbs.; 592 acres under tobacco, which produced 6,221 cwt.; and 5,106 acres under orange trees, which produced 2,763,811 dozen oranges.

<sup>6</sup> Including 17,652 acres under sugar-cane, 132 acres under arrowroot, 444 acres under bananas, 219 acres under oranges, 198 acres under sorghum, 180 acres under pineapples, 105 acres under cotton, 36 acres under tobacco, &c.

<sup>7</sup> In the figures for New Zealand the land under permanent artificial grass, amounting to 3,341,299 acres—of which 1,405,018 acres had been, and 1,936,281 acres had not been, previously ploughed—is not entered as green forage, nor, with the exception of 71,911 acres, embracing some of the ploughed and some of the unploughed portion, the grass on which was mowed for hay, is it included in the total area under tillage, as in the other colonies. Were the whole so placed it would bring the land under tillage up to 4,506,889 acres, or to 9·72 acres per head of the population.

TABLE XI.—AGRICULTURAL STATISTICS, 1879-80.—PRODUCE OF CROPS.

Name of Colony.	Bushels raised of—					Tons raised of—		Gallons of Wine made.
	Wheat.	Oats.	Barley.	Maize.	Other Cereals. <sup>1</sup>	Potatoes.	Hay.	
Victoria ...	9,398,858	4,023,271	1,065,430	61,887	593,361	167,943	292,407	574,143
New South Wales ...	3,613,266	516,937	131,541	4,761,856	18,728 <sup>2</sup>	62,228	162,763	733,576
Queensland ...	29,259	4,330	44,160	1,511,006	...	14,404	22,854	104,674
South Australia ...	14,260,964	61,818	202,166	...	58,547	27,832	296,437	459,468
Western Australia ...	384,813	32,946	130,284	490	11,888	1,269	23,856	*
Total ...	27,687,160	4,639,302	1,573,581	6,335,239	682,524	273,676	798,317	1,871,861
Tasmania ...	1,049,778	1,064,966	181,178	...	141,063	30,956	54,008	...
New Zealand ...	7,610,012	12,062,607	1,751,432	...	...	119,523	108,833	...
Grand Total ...	36,346,950	17,766,875	3,506,191	6,335,239	823,587	424,155	961,158	1,871,861

  

Name of Colony.	Bushels per Acre of—					Tons per Acre of—	
	Wheat.	Oats.	Barley.	Maize.	Other Cereals. <sup>1</sup>	Potatoes.	Hay.
Victoria ...	13'29	24'00	24'67	25'29	26'14	4'04	1'45
New South Wales ...	15'48	21'64	21'46	35'26	16'60	3'23	1'45
Queensland ...	8'11	24'74	24'68	31'24	...	3'03	1'96
South Australia ...	9'78	15'02	13'38	...	14'77	3'80	1'12
Western Australia ...	14'94	19'00	18'00	14'00	13'36	3'50	1'25
Total ...	11'40	23'49	21'42	34'08	23'58	3'73	1'31
Tasmania ...	23'22	28'61	27'91	...	22'34	3'18	1'52
New Zealand ...	28'16	36'53	30'47	...	...	5'62	1'51
Grand Total ...	13'25	31'44	25'51	34'08	23'36	4'07	1'34

<sup>1</sup> Including beans and pease except in the case of New South Wales.—<sup>2</sup> Exclusive of 395 cwt.

\* Information not furnished.

TABLE XII.—LIVE STOCK, 1879-80.

\*.\* The Live Stock Statistics in most of the colonies are collected with the Agricultural Statistics in the months of February and March. The present returns are for those months of 1880.

Name of Colony.	Number of—					Total Number of Stock of all Descriptions to the Square Mile.
	Horses.	Cattle.	Sheep.	Pigs.	Total.	
Victoria <sup>1</sup> ...	216,710	1,129,358	8,651,775	144,733	10,142,576	115'00
New South Wales ...	360,038	2,914,210	29,043,392	256,026	32,573,666	104'76
Queensland ...	163,083	2,800,633	6,065,034	64,686	9,093,436	13'58
South Australia ...	130,052	266,217	6,140,396	90,548	6,627,213	7'33
Western Australia ...	32,411	60,617	1,109,860	20,397	1,223,285	1'22
Total ...	902,294	7,171,035	51,010,457	576,390	59,660,176	20'07
Tasmania ...	24,593	129,317	1,835,970	38,610	2,028,490	77'38
New Zealand ...	137,768	578,430	13,069,338	207,337	13,992,873	132'83
Grand Total ...	1,064,655	7,878,782	65,915,765	822,337	75,681,539	24'38

<sup>1</sup> The returns of Live Stock are partly derived from estimates, which can only be verified at a general census.

## APPENDIX.

## STATISTICS OF FIJI, 1878 AND 1879.

\* Fiji consists of from 70 to 80 inhabited islands, the estimated area of which is 7,740 square miles. There are also a number of smaller islands uninhabited. The total area of the group is said to be 8,034 square miles.

Year.	Estimated Population on the 31st December.			Births.	Deaths.	Marriages.	Immigrants (Polynesians and Coolies only).			Emigrants (Polynesians only).		
	Males.	Females.	Total.				Males.	Females.	Total.	Males.	Females.	Total.
1878 ... ..	64,748	52,350	117,098	2,262 <sup>1</sup>	2,244 <sup>1</sup>	419 <sup>1</sup>	1,346	174	1,520	638	71	709
1879 .. ...	67,697	52,962	120,659	3,654	3,532	1,356	2,098	288	2,386	313	32	345

  

Year.	Public Revenue.			Public Expenditure.	Public Debt.	Value of Imports.	Value of Exports.	Shipping.				
	Raised by Taxation.	Not raised by Taxation.	Total.					Inwards.		Outwards.		
								Vessels.	Tons.	Vessels.	Tons.	
	£	£	£	£	£	£	£					
1878 ... ..	42,697	18,324	61,021	65,267	100,000	136,608	192,865	124	23,180	128		24,080
1879 ... ..	46,260	21,511	67,771	71,108	120,000	142,213	169,040	131	28,967	125		28,085

  

Year.	Crown Lands Granted and Sold. <sup>a</sup>	Cultivation <sup>b</sup> (by Whites only).								Live Stock.			
		Maize.		Cotton.		Coffee.		Sugarcane.	Cocoanuts.	Number of—			
		Land under Crop.	Produce.	Land under Crop.	Produce.	Land under Crop.	Produce.	Land under Crop.	Land under Crop.	Horses.	Cattle.	Sheep.	Pigs.
	acres.	acres.	bushels.	acres.	tons.	acres.	lbs.	acres.	acres.				
1878...	39,476	2,300	46,000	*	*	*	*	*	*	200	3,000	3,100	50,000
1879...	23,559	2,240	54,685	3,815	649	1,260	28,135	1,838	12,921	300	4,000	3,771	50,000

<sup>1</sup> The births, deaths, and marriages registered in 1878 are known to be less than those which actually occurred.

<sup>2</sup> The total area alienated at the end of 1879 was 111,801 acres. The total amount realized by the State was only £2,300 which, however, represents the price of but a small acreage conveyed to two or three persons. The majority of the grants issued were for lands acquired by whites and others previously to annexation, and these received their titles at the nominal price of one shilling.

<sup>3</sup> It is estimated that the total area under tillage in 1879 was 24,289 acres, or 2,215 acres over and above the number accounted for in the columns. This additional acreage embraces land under arrowroot, bananas, cinchona, spices, tobacco, tapioca, and yams, &c.

\* Where asterisks occur the information has not been furnished.