

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
MELBOURNE.

OFFICIAL
YEAR BOOK

OF THE
COMMONWEALTH OF AUSTRALIA,

CONTAINING AUTHORITATIVE STATISTICS FOR THE PERIOD

1901-1907

AND CORRECTED STATISTICS FOR THE PERIOD 1788 TO 1900.

No. 1.—1908.

PUBLISHED UNDER THE AUTHORITY OF THE MINISTER OF HOME AFFAIRS,

BY

G. H. KNIBBS,

FELLOW OF THE ROYAL STATISTICAL SOCIETY, ETC., ETC.
COMMONWEALTH STATISTICIAN.



BY AUTHORITY.

McCARRON, BIRD & CO., PRINTERS, COLLINS STREET, MELBOURNE.

YEAR BOOK OF THE COMMONWEALTH.

PREFACE.

By the Constitution of the Commonwealth of Australia, the Commonwealth is empowered "to make laws for the peace, order, and good government of the Commonwealth, with respect to," *inter alia*, "Census and Statistics." In exercising the power so conferred, a "Census and Statistics Act" was passed in 1905, and in the year following the "Commonwealth Bureau of Census and Statistics" was created. The publication here presented is therefore the first authoritative Year Book issued under the Federal Constitution.

In addition to Statistics for the whole of the Federal period, 1901 to 1907, this Year Book also furnishes corrected statistics for the period 1788 to 1900. This was necessary to constitute this publication the authoritative source of statistical information for the Commonwealth of Australia for the whole Federal period, and to shew the proper relation of that information to the past statistical history of Australia.

The general arrangement of the publication, differing somewhat from that of previous Year Books, is shewn in the synopsis on pp. v. to xvi. immediately following, and will be substantially adhered to in the future issues.

In addition, however, to what may be called purely statistical matter, each issue will contain articles dealing at length with some particular subject or subjects of more or less permanent interest. It is undesirable as well as impracticable to repeat these year after year, seeing that it would unduly increase the size of the publication. As a rule, therefore, only a brief condensation of special articles will appear in subsequent issues of the Year Book, or they may be omitted altogether.

The general statistical matter will, of course, be brought up to date from year to year, and, except in cases intended to specially illustrate or elaborate some question of peculiar importance, will be set forth on each occasion with equal fulness. In this way each Year Book will, by reason of its special features, have some measure of independent interest.

Through the co-operation of the various State Bureaux with the Commonwealth Bureau it has been possible to considerably advance the accuracy, and in general the intrinsic value, of Australian Statistics. The collection of data is also being continually improved.

It has been found desirable to deal with the subject matter from a threefold aspect, viz. :--

- (i.) The development of the component States.
- (ii.) The progress of Australia as a whole from the earliest times.
- (iii.) The statistical comparison of Australia with other leading countries of the world.

In the endeavour to supply reliable details of this character, considerable difficulties have been experienced, more particularly as regards the early years of Australian colonisation, and although assistance has been cordially rendered not only by the State Statistical Bureaux, but also by other State Departments that were in a position to help, the results obtained must in many cases be considered as roughly approximate only.

A feature of this publication is the use made of maps and diagrams. The changing boundaries of the various States, the distribution of the population of Australia, of its rainfall, etc., the development of its railway system, and similar facts can be properly appreciated only by the use of maps. In like manner the progress of events, the characteristics of growth and decline, can in general be represented much better graphically than numerically. The diagram or "graph" is a direct picture in which the relative magnitudes are preserved and by which instantaneous comparisons are made possible.

The graph has also the advantage of shewing current events in relation to the past, from which often they derive their significance, and comparisons of the graphs of interdependent facts often throw light on the nature of the interdependence.

The development of Australia has been in many instances very remarkable, and this could be shewn only by graphs dating back to its beginning in 1788. In most cases accurate data are not available for years much before 1860. In such cases, therefore, it seemed sufficient at present to give continuous results from that year onwards.

The great mass of material embodied in this Year Book has been carefully examined, but to hope that all error has been avoided would be idle. If readers will kindly point out any errors or limitations which they may discover, the Commonwealth Statistician will much appreciate the opportunity thus afforded of perfecting the matter and arrangement of the Year Book.

In conclusion, the Commonwealth Statistician desires to express his cordial thanks to the State Statisticians, and to the responsible officers of the various Commonwealth and State Departments, who have so kindly supplied all desired information.

G. H. KNIBBS,
Commonwealth Statistician.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS.

31st March, 1908.

SYNOPSIS.

SECTION I.—INTRODUCTION.

<p>§ 1. Development of State Statistics page</p> <p>1. Origin of Statistics in Australia ... 1</p> <p>2. Condition of Development of Statistics ... 1</p> <p>3. The Granting of Responsible Government and its Effect ... 2</p> <p>4. Administrative Control of Statistical Compilation ... 2</p> <p>5. Registrars-General and their Statistical Functions ... 2</p> <p>§ 2. The Statistical Bureaux of the Several States</p> <p>1. New South Wales ... 2</p> <p>2. Victoria ... 3</p> <p>3. Queensland ... 3</p> <p>4. South Australia ... 4</p> <p>5. Western Australia ... 4</p> <p>6. Tasmania ... 5</p> <p>7. New Zealand ... 5</p> <p>§ 3. Co-ordination of Statistical Effort</p> <p>1. Early Recognition of Need of Uniformity ... 5</p> <p>2. Individualistic Tendencies of States ... 5</p> <p>3. Conferences of Statisticians... 6</p> <p>4. Results of Statistical Conferences ... 6</p> <p>§ 4. Uniformity in Statistic an Imperative Necessity</p> <p>1. Uniformity an Essential ... 7</p> <p>2. Uniformity demanded by Commonwealth Administration ... 7</p> <p>3. International Uniformity in Statistic ... 8</p>	<p>§ 5. Devolution of Census and Statistics page to the Commonwealth</p> <p>1. The Commonwealth Constitution in respect to Statistics ... 8</p> <p>2. Exercise of Prerogative in Creating a Census and Statistics Bureau ... 8</p> <p>§ 6. The Census and Statistics Act of 1905</p> <p>1. General Review of the Act ... 8</p> <p>2. The Act: ... 8</p> <p style="padding-left: 20px;">Part I.—Introductory ... 8</p> <p style="padding-left: 20px;">Part II.—Administration ... 9</p> <p style="padding-left: 20px;">Part III.—The Census ... 9</p> <p style="padding-left: 20px;">Part IV.—Statistics ... 10</p> <p style="padding-left: 20px;">Part V.—Miscellaneous ... 11</p> <p>§ 7. Creation of the Commonwealth Bureau of Census and Statistics</p> <p>1. Appointment of Commonwealth Statistician and Staff ... 11</p> <p>2. Organisation of the Bureau ... 12</p> <p>3. The Technical Library of the Bureau ... 12</p> <p>§ 8. The Statistical Conference of 1906</p> <p>1. Personnel, etc., of Conference ... 12</p> <p>2. Abridged Extracts from Commonwealth Statistician's Address ... 13</p> <p>3. Résumé of the Conference Resolutions ... 15</p> <p>§ 9. Sources of Information</p> <p>1. State Statistical Bureaux ... 16</p> <p>2. C'wealth and State Departments ... 16</p> <p>3. Scientific and Technical Experts ... 16</p> <p>4. Direct Inquiry by C'wealth Bureau ... 16</p>
---	---

CHAPTER II.—FEDERATION AND FEDERAL LEGISLATION.

<p>§ 1. The Federal Movement in Australia</p> <p>1. Early Stages of the Federal Movement ... 17</p> <p>2. The Federal Council ... 18</p> <p>3. Formative Stages of the Federal Movement ... 18</p> <p>4. Adoption and Enactment of the Constitution ... 20</p> <p>§ 2. The Creation of the Commonwealth</p> <p>1. The Act ... 21</p> <p>The Constitution ... 22</p> <p style="padding-left: 20px;">Chapter I.—The Parliament ... 22</p> <p style="padding-left: 40px;">Part I.—General ... 22</p> <p style="padding-left: 40px;">Part II.—The Senate ... 23</p> <p style="padding-left: 40px;">Part III.—The House of Rep'snt vs ... 24</p> <p style="padding-left: 40px;">Part IV.—Both Houses of the Parl't ... 26</p> <p style="padding-left: 40px;">Part V.—Powers of the Parliament ... 27</p>	<p>Chapter II.—The Executive Government ... 30</p> <p>Chapter III.—The Judicature ... 30</p> <p>Chapter IV.—Finance and Trade ... 32</p> <p>Chapter V.—The States ... 35</p> <p>Chapter VI.—New States ... 36</p> <p>Chapter VII.—Miscellaneous ... 36</p> <p>Chapter VIII.—Alteration of the Constitution ... 37</p> <p style="padding-left: 20px;">Schedule ... 37</p> <p>2. The Royal Proclamation ... 38</p> <p>§ 3. Commonwealth Legislation</p> <p>1. The Commonwealth Parliaments ... 38</p> <p>2. The Several Administrations ... 39</p> <p>3. The Course of Legislation ... 40</p>
---	--

SECTION III.—THE AUSTRALIAN COMMONWEALTH AND AUSTRALASIA.

§ 1. Early Knowledge of Australia	page	§ 5. The Geology of Australia	page
1. Introduction	44	1. General	70
2. The Austral Land of the Ancients	44	2. Geology of New South Wales	73
3. Precise Period of Discovery Unknown	44	3. Geology of Victoria	78
4. Old Manuscript Charts and Globes	44	4. Geology of Queensland	83
5. Discoveries by Spanish and Portuguese Mariners	45	5. Geology of South Australia	89
6. The Dutch Period of Activity	46	6. Geology of Western Australia	94
7. Discoveries by the English	48	7. Geology of Tasmania	98
8. Bibliographical References	49		
§ 2. The Taking Possession of Australia		§ 6. The Fauna of Australia	
1. Annexation of Eastern Part of Aust.	51	1. Zoological Isolation of Australia	103
2. Original Extent of New South Wales	51	2. Effect of Isolation	103
3. Annexation of Western Australia	52	3. The Non-marine Fauna	103
		4. Origin of the Fauna	109
§ 3. The Creation of the Several Colonies		§ 7. The Flora of Australia	
1. New South Wales as Original Colony	52	1. Typical Character of the Australian Flora	109
2. Separation of Van Diemen's Land	52	2. Botanic Distribution	110
3. Extension of N.S.W. Westward	52	3. Natural Orders of Plants Represented in Australia	114
4. Western Aust. constituted a Colony	52		
5. Creation of South Aust. as a Province	53	§ 8. Climate and Meteorology of Australia	
6. Separation of New Zealand	53	1. General Description	115
7. Separation of Victoria	53	2. Meteorological Divisions of Australia	115
8. Separation of Queensland	53	3. Temperatures	116
9. No further Constitution of Colonies	53	4. Relative Humidity	118
10. The Changing Boundaries of the Colonies	54	5. Evaporation	118
11. Australasia, 1863 to 1900	54	6. Rainfall	119
12. British New Guinea or Papua	57	7. Remarkable Falls of Rain	123
		8. Snowfall	125
§ 4. General Description of Australia		9. Hail	125
1. Geographical Position	57	10. Barometric Pressures	126
2. Area of Australia compared with that of other Countries	57	11. Wind	126
3. Relative Size of Political Subdivisions	58	12. Cyclones and Storms	127
4. Coastal Configuration	59	13. Influences affecting Australian Climate	133
5. Orography	68	14. Comparison of Rainfalls and Temperatures	135
6. Hydrology of Australia	69	15. Climatological Tables	135

SECTION IV.—POPULATION.

§ 1. General Observations		§ 7. Assisted Immigration	160
1. Special Characteristics of Australian Population	142		
2. Age Distribution	143	§ 8. Enumerations and Estimates	
3. Race and Nationality	144	1. Musters	160
4. Differences among the States	145	2. Census-taking	160
		3. The Census of 1901	160
§ 2. Commonwealth Population—Its Distribution and Fluctuation		4. The Census of 1911	161
1. Present Population	148	5. Estimates of Population	162
2. Growth of Population	148		
§ 3. Influences affecting Growth and Distribution of Population		§ 9. Principal Results of Census of 1901	
1. Mineral Discoveries	150	1. Ages	164
2. Pastoral Development	151	2. Birthplaces	165
3. Agricultural Expansion	151	3. Occupations	169
4. Progress of Manufacturing Industries	151	4. Religions	172
5. Influence of Droughts	151	5. Conjugal Condition	175
6. Other Influences	151		
§ 4. Elements of Growth of Population		§ 10. Naturalisation	
1. Natural Increase	152	1. The Commonwealth Act	180
2. Comparison with other Countries	153	2. Statistics of Naturalisations	181
3. Net Immigration	153	3. Census Particulars	182
4. Total Increase	155		
§ 5. Seasonal Variations of Population		§ 11. Graphical Representation of Growth of Population	
1. Natural Increase	157	1. General	189
2. Net Immigration	157	2. Graphs of Total Population	189
		3. Graphs for Commonwealth of Male and Female Population	190
§ 6. Urban Population		4. Graphs for each State of Male and Female Population	190
1. The Metropolitan Towns	158	5. Graphs of Natural Increase of Population, Commonwealth and States	190
2. Provincial Towns	159	6. Graphs shewing Net Increase of Population	190

SECTION V.—VITAL STATISTICS.

§ 1. Births	page	page	
1. Male and Female Births, 1901 to 1906	192	4. Total Deaths, 1901 to 1906	200
2. Total Births, 1901 to 1906	192	5. Crude Death Rates, 1901 to 1906	201
3. Birth Rates, 1901 to 1906	193	6. Male and Female Death Rates, 1901 to 1906	201
4. Birth Rates of Various Countries	194	7. Infantile Death Rate	202
5. Masculinity at Birth	194	8. Deaths in Age Groups, 1901 to 1906	203
6. Illegitimacy	195	9. Average Age at Death	203
7. Ages of Parents	197	10. Index of Mortality	203
§ 2. Marriages		11. Causes of Death	205
1. Marriages, 1901 to 1906	197	12. Deaths from Special Causes	208
2. Marriage Rates, 1901 to 1906	197	§ 4. Graphical Representation of Vital Statistics	
3. Marriage Rates in Various Countries	198	1. General	211
4. Age at Marriage	198	2. Graphs of Annual Births, Commonwealth and States	212
5. Fertility of Marriages	198	3. Graphs of Annual Marriages, Commonwealth and States	213
6. Registration of Marriages	198	4. Graphs of Annual Deaths, Commonwealth and States	213
7. Mark Signatures	198	5. Graphs of Phthisis, Cancer, Suicide, and Plague	213
§ 3. Deaths			
1. Male and Female Deaths, 1901 to 1906	199		
2. Male and Female Death Rates, 1906	200		
3. Death Rates of various Countries	200		

SECTION VI.—LAND TENURE AND SETTLEMENT.

§ 1. Introduction		15. Classification of Holdings according to Area		244
1. First Grants of Land in New South Wales, 1787	219	16. Areas Acquired and made Available for Closer Settlement, 1901 to 1906	246	
2. Grants of Town Allotments in Sydney, 1811	219	§ 4. Queensland		
3. Introduction of Land Sales, 1825	219	1. Settlement in Early Days	246	
4. Free Grants Abolished, 1831	220	2. History of Land Legislation	246	
5. Land Regulations Issued under Imperial Acts, 1842 to 1847	220	3. Land Acts now in Force	246	
6. First Land Legislation of Individual States	220	4. Administration under the Land Acts	247	
7. New South Wales Areas Alienated between 1787 and 1859	221	5. Modes of Tenure	247	
§ 2. New South Wales		6. Co-operative Settlement	250	
1. History of Land Legislation	221	7. Closer Settlement	251	
2. Land Acts now in Force	222	8. Areas Alienated, in Process of Alienation, and Areas Occupied under Lease or License, 1901 to 1906	251	
3. Administration	222	9. Areas Occupied for Pastoral Purposes, 1901 to 1906	252	
4. Modes of Tenure	222	10. Areas of Holdings Selected, 1901 to 1906	252	
5. Western Division	227	11. Closer Settlement	253	
6. Areas Alienated Absolutely and in Process of Alienation, 1901 to 1906	227	§ 5. South Australia and Northern Territory		
7. Areas Occupied under Leases and Licenses for Pastoral and other Purposes, 1901 to 1906	228	1. Settlement in Early Days	253	
8. Classification of Holdings of One Acre and over in Extent, according to Size	229	2. History of Land Legislation	254	
9. Area Acquired and Disposed of for Purposes of Closer Settlement, 1901 to 1906	229	3. Administration and General Provisions	254	
10. General Summary of Lands in the State of New South Wales	230	4. Modes of Tenure	255	
§ 3. Victoria		5. Pinnaroo Railway Act 1903	259	
1. Settlement in Early Days	231	6. The Pastoral Act 1904	259	
2. History of Land Legislation	231	7. The Northern Territory	260	
3. Land Acts now in Force	231	8. Areas Alienated and Areas held under Lease, 1901 to 1906	260	
4. Administration and Classification of Lands	232	9. Areas Acquired and Disposed of for Purposes of Closer Settlement, 1902 to 1906	262	
5. Modes of Tenure	232	§ 6. Western Australia		
6. Mallee Lands	238	1. Settlement in the Early Days	262	
7. Village Communities	240	2. History of Land Regulations and Legislation	263	
8. Homestead Associations	240	3. Land Acts now in Force	263	
9. Labour Colonies	241	4. Administration of Land Acts	263	
10. Closer Settlement	241	5. Modes of Tenure under the Land Acts	263	
11. The Small Improved Holdings Act, 1906	242	6. General Provisions of the Land Acts	267	
12. Areas Alienated and in Process of Alienation and Area of Occupied and Unoccupied Crown Lands, 1901 to 1906	243	7. Closer Settlement under the Agricultural Lands Purchase Acts, 1896 to 1904	268	
13. Areas Available for Occupation, 1901 to 1906	243	8. Loans to Settlers	268	
14. Areas Occupied for Pastoral Purposes, 1901 to 1906	244	9. Area of Land Alienated, in Process of Alienation, and Area held under Lease or License	269	
		10. Areas Acquired and Disposed of for Purposes of Closer Settlement, 1901 to 1906	269	
		11. Classification of Holdings according to Size, 1901 to 1906	270	

§ 7. Tasmania	page	page
1. Settlement in Early Days	270	
2. History of Land Legislation	270	
3. Classification of Lands... ..	271	
4. Acquisition of Land for Agricultural Purposes	271	
5. Grazing Leases	272	
6. Leases for Miscellaneous Purposes... ..	272	
7. Occupation Licenses	273	
8. Opening-up of New Districts to Settlement	273	
9. Closer Settlement	273	
		10. Areas Alienated, in Process of Alienation, Areas Occupied under Lease or License, and Areas Unoccupied
		11. Principal Land Transactions, 1901 to 1926
		274
		§ 8. The Progress of Land Settlement, 1897 to 1906
		1. Recent Progress
		274
		2. Diagram showing Condition of Public Estate
		277

SECTION VII.—PASTORAL PRODUCTION.

§ 1. Initiation and Growth of Pastoral Industry		§ 4. Sheep
1. Early Statistics	278	1. The Founding of the Commonwealth Pastoral Industry
2. Subsequent Development	278	287
3. Increase in Numbers	278	2. Distribution throughout C'wealth... ..
4. Fluctuations	279	287
5. Live Stock in Relation to Population	279	3. Proportion in the several States
6. Live Stock in Relation to Area	279	288
7. Net Exports of Principal Pastoral Products	280	4. Exports of Sheep... ..
		288
		5. Sheep Slaughtered
		288
		6. Exports of Frozen Mutton and Lamb
		288
		7. Comparison with other Countries
		289
		8. Relation to Population... ..
		290
		9. Value of Australian Sheep
		290
§ 2. Horses		§ 5. Wool
1. Suitability of Australia for Horse-breeding	281	1. Importance of Wool Production
2. Distribution throughout C'wealth... ..	281	290
3. Proportion in the several States	281	2. Greasy and Scoured Wool
4. Export Trade in Horses	282	291
5. Comparison with other Countries... ..	282	3. Total Production
6. Relation to Population	283	291
7. Value of Australian Horses	283	4. Wool Locally Used
		291
		5. Exports of Wool
		291
		6. Care needed in Comparing Clips
		293
		7. Wool-producing Countries in Southern Hemisphere
		293
		8. England's Importation of Wool
		293
		9. The Wool Market
		294
§ 3. Cattle		§ 6. Graphical Representation of Pastoral Production
1. Purposes for which Raised	283	1. General
2. Distribution throughout C'wealth... ..	284	294
3. Proportion in each State	284	2. Graph for Cattle
4. Exports of Cattle	285	297
5. Cattle Slaughtered	285	3. Graph for Horses
6. Exports of Frozen Beef	285	297
7. Comparison with other Countries... ..	286	4. Graph for Sheep
8. Relation to Population	286	297
9. Value of Australian Cattle	287	5. Graph for Pigs
		297

SECTION VIII.—AGRICULTURAL PRODUCTION.

§ 1. Introductory		§ 6. Maize
1. Early Attempts at Agriculture	298	1. States Growing Maize
2. The First Sowing	298	310
3. Discovery of Suitable Agricul. Land	298	2. Area under Maize
		310
		3. Total Yield
		310
		4. Average Yield
		311
		5. Value of Maize Crop
		311
		6. Imports and Exports
		311
		7. Prepared Maize
		312
		8. Maize-growing in other Countries... ..
		312
		9. Interstate Trade in Maize
		312
		10. Price of Maize
		312
§ 2. Progress of Agriculture		§ 7. Barley
1. Early Records	298	1. Area under Barley
2. Progress of Agriculture since 1860	299	313
3. Artificially-sown Grasses	299	2. Malting and other Barley
		313
		3. Total Yield... ..
		313
		4. Value of Barley Crop
		314
		5. Imports and Exports Oversea
		314
		6. Oversea Imports & Exports of Malt
		315
		7. Interstate Trade in Barley & Malt... ..
		315
		8. Comparison with other Countries... ..
		316
		9. Average Yield
		316
		10. Price of Barley
		316
§ 3. Relative Importance of Crops		§ 8. Other Grain and Pulse Crops
1. Various Crops	300	316
2. Relative Areas o Crops in States	300	
3. Acreage of Principal Crops, C'wlth	301	§ 9. Potatoes
		1. Area
		317
		2. Total Yield... ..
		317
		3. Average Yield
		317
		4. Value of Potato Crop
		318
		5. Oversea Imports and Exports
		318
		6. Interstate Trade in Potatoes
		318
		7. Comparison with other Countries... ..
		319
§ 4. Wheat		
1. Progress of Wheat-growing	301	
2. Australian & Foreign Wheat-yields	302	
3. Wheat Crop of the World	303	
4. Prices of Wheat	303	
5. Exports of Wheat and Flour	304	
6. Value of the Wheat Crop	306	
§ 5. Oats		
1. Progress of Cultivation	307	
2. Total Yield	307	
3. Average Yield	308	
4. Value of Oat Crop	308	
5. Imports and Exports	308	
6. Oatmeal, etc.	308	
7. Comparisons with other Countries	309	
8. Comparison of Yields	309	
9. Interstate Trade... ..	309	
10. Price of Oats	309	

§ 10. Other Root and Tuber Crops	page				page
1. Nature and Extent	...	319			333
2. Oversea Imports and Exports	...	319			333
3. Interstate Trade	...	320			334
§ 11. Hay					334
1. Nature and Extent	...	320			334
2. Kinds of Hay	...	321			334
3. Total Yield	...	321			334
4. Value of Hay Crop	...	322			334
5. Average Yield per Acre	...	322			334
6. Oversea Imports and Exports	...	322			334
7. Interstate Trade in Hay and Chaff	...	323			334
8. Hay Production in other Countries	...	323			334
§ 12. Green Forage					
1. Nature and Extent	...	323			
2. Value of Green Forage Crops	...	324			
§ 13. Sugar Cane					
1. Area	...	324			
2. Productive and Unproductive Cane	...	324			
3. Yield of Cane	...	325			
4. Quality of Cane	...	325			
5. Sugar Bounties	...	325			
6. Cost of Bounties	...	326			
7. Collection of Sugar Excise	...	326			
8. Imports and Exports of Sugar	...	326			
9. Interstate Trade in Sugar	...	327			
§ 14. Vineyards					
1. Nature and Extent	...	327			
2. Wine Production	...	328			
3. Imports and Exports	...	328			
4. Interstate Trade	...	329			
5. Other Viticultural Products	...	329			
§ 15. Orchards and Fruit Gardens					
1. Nature and Extent	...	330			
2. Oversea Imports and Exports	...	331			
3. Jams and Jellies	...	331			
4. Preserved Fruit	...	332			
§ 16. Minor Crops					
1. Nature and Extent	...	332			
2. Market Gardens	...	332			
3. Grass Seed	...	333			
4. Tobacco	...	333			
5. Hops	...	333			
6. Millet	...	334			
7. Nurseries	...	334			
8. Cotton	...	334			
9. Coffee	...	334			
10. Other Crops	...	334			
§ 17. Agricultural Colleges and Experimental Farms					
1. Introduction	...	334			
2. New South Wales	...	335			
3. Victoria	...	337			
4. Queensland	...	339			
5. South Australia	...	340			
6. Western Australia	...	341			
7. Tasmania	...	342			
8. Organisation of Agricultural Departments and of their Work	...	342			
§ 18. Government Loans to Farmers					
1. Introduction	...	342			
2. Particulars of Transactions in each State	...	343			
3. New South Wales	...	343			
4. Victoria	...	348			
5. Queensland	...	349			
6. South Australia	...	350			
7. Western Australia	...	351			
§ 19. Ensilage					
1. Value to Stockowners	...	352			
2. Government Assistance in the Production of Ensilage	...	353			
3. Quantity made	...	353			
§ 20. Fertilisers					
1. General	...	354			
2. Fertilisers Acts	...	354			
3. Imports	...	354			
4. Production	...	355			
5. Statistics of Use of Fertilisers	...	355			
§ 21. Graphical Representation					
1. Areas of Principal Crops	...	356			
2. Production	...	359			

SECTION IX.—FARMYARD AND DAIRY PRODUCTION.

1. Introductory					
1. General	...	361			
2. State Supervision of Industry	...	361			
3. Mixed Farming and Value of Dairy Production	...	361			
4. Factory System	...	362			
5. Butter and Cheese Factories	...	362			
§ 2. Milk, Butter, and Cheese					
1. Dairy Herds	...	362			
2. Milk	...	363			
3. Butter and Cheese	...	363			
4. Concentrated Milk	...	363			
5. Oversea Trade in Milk, Butter, and Cheese	...	364			
6. Interstate Trade in Milk, Butter, and Cheese	...	364			
7. Local Consumption of Butter and Cheese	...	366			
§ 3. Pigs, Bacon, etc.					
1. Pigs	...	366			
2. Bacon and Ham	...	366			
3. Oversea Trade in Pig Products	...	367			
4. Interstate Trade in Pig Products	...	368			
5. Local Consumption of Bacon and Ham	...	368			
§ 4. Poultry Farming					
1. Development of the Industry	...	369			
2. Oversea Trade in Poultry Products	...	369			
3. Interstate Trade in Poultry Products	...	370			
§ 5. Bee Farming					
1. The Bee Farming Industry	...	370			
2. Honey and Beeswax	...	370			
3. Oversea Trade in Bee Products	...	371			
4. Interstate Trade in Bee Products	...	371			
§ 6. Graphical Representation	...	371			

SECTION X.—FORESTS, FORESTRY AND FORESTAL PRODUCTS.

§ 1. The Forests of Australia					
1. Extent of Forests	...	372			
2. Characteristics of State Forest Areas	...	373			
3. Distribution of Timber in the Commonwealth generally	...	375			
4. Distribution of Timber in N.Z.	...	376			
§ 2. Forestry					
1. Objects	...	376			
2. Forestry Departments	...	376			
3. Sylviculture	...	377			
§ 3. Commercial Uses of Principal Australian Timbers	...	379			
§ 4. Forestal Industries and Production					
1. Timber	...	382			
2. Forest Produce	...	382			
§ 5. Oversea Trade					
1. Imports	...	382			
2. Exports	...	383			

SECTION XI.—FISHERIES AND PISCICULTURE.

§ 1. Commercial Fisheries	page	3. Victoria	page
1. Early Fishing Excursions of Malays	386	4. Queensland	389
2. Fish Stocks	386	5. South Aust. and Northern Territory	390
3. Economic Fisheries	386	6. Western Australia	392
4. Lake and River Fishing	386	7. Tasmania	391
5. Distribution of Supplies	386	§ 3. Oversea Trade	392
6. Oyster Fisheries	386	§ 4. Development of the Industry	
7. Pearl-shelling	387	1. Transport and Marketing	394
§ 2. Fisheries Statistics		2. Experiment and Culture	394
1. Departmental Estimates	387	§ 5. Fish Preserving	396
2. New South Wales	387		

SECTION XII.—MINES AND MINING.

§ 1. Introduction		§ 9. Other Metals	
1. Place of Mining in Australian Development	397	1. Aluminium	417
2. Extent of Mineral Wealth	397	2. Antimony	417
METALS (A)		3. Arsenic	417
§ 2. Gold		4. Bismuth	417
1. Discovery of Gold in various States	398	5. Chromium	417
2. Production of Gold at various Periods	400	6. Carnotite	418
3. Changes in Relative Positions of States as Gold Producers	402	7. Cobalt	419
4. Methods of Gold Mining adopted in each State	402	8. Lead	418
5. Remarkable Masses of Gold	405	9. Mercury	418
6. Modes of Occurrence of Gold in Aust.	405	10. Manganese	418
7. Place of Commonwealth in the World's Gold Production	406	11. Tungsten	418
§ 3. Platinum and the Platinoid Metals		12. Tantalum	418
1. Platinum	407	NON-METALLIC MINERALS (B)	
2. Osmium, Iridium, etc.	407	§ 10. Coal	
§ 4. Silver		1. Historical	419
1. Development in each State	408	2. Production of Coal	419
2. Development of Silver Mining	408	3. Distribution and Quality of Coal in each State	420
3. Chief Centres of Silver Production	408	4. Production of Coal in various Countries	424
4. World's Production of Silver	410	5. Export of Coal	424
5. Prices of Silver	410	6. Price of Coal	425
6. Employment in Silver Mining	410	7. Price of Coal in other Countries	426
§ 5. Copper		8. Employment in Coal Mining	426
1. History	411	§ 11. Coke	
2. Production of Copper	412	1. Production of Coke	427
3. Price of Copper	412	§ 12. Kerosene Shale and Mineral Oils	
4. Relationship to World's Production	412	1. Production of Shale	428
5. Employment in Copper Mining	413	2. Production of Mineral Oil	428
§ 6. Tin		§ 13. Other Non-metallic Minerals	
1. History	413	1. Alunite	428
2. Value of Tin Produced	414	2. Asbestos	428
3. World's Production of Tin	414	3. Graphite	428
4. Prices of Tin	415	4. Tripolite or Diatomaceous Earth	428
5. Employment in Tin Mining	415	5. Salt	429
§ 7. Zinc		6. Natural Manures	429
1. Production of Zinc	415	§ 14. Gems and Gemstones	
§ 8. Iron		1. Diamonds	429
1. History	416	2. Sapphires	429
		3. Precious Opal	429
		4. Other Gems	430
		§ 15. The Mineral Wealth of Australia	
		1. Total Production	430
		2. Total Employment in Mining	432
		3. Wages Paid in Mining	431

SECTION XIII.—MANUFACTURING INDUSTRIES.

§ 1. Introduction		§ 4. Sex Distribution in Factories	
1. Defects in Industrial Statistics	434	1. Distribution of Employés as regards Sex	439
2. Classification of Factories	434	2. Rate of Increase for each Sex	440
3. History	434	3. Increasing Ratio of Female Employment in Factories	440
§ 2. Australian Factories in General		4. General Circumstances of Female Employment in Factories	440
1. Localisation of Industry	435	5. Factory Proprietorship by Women	441
2. Development of Manufactories	435	§ 5. Child Labour in Factories	
3. Use of Mechanical Power	436	1. Number of Children in Factories	442
§ 3. Numbers Employed in Aust. Factories		2. Industries Employing Child Labour	442
1. Total Number Employed	436	3. Apprenticeship	443
2. Number of Actual Operatives	437	4. Conditions of Child Labour	443
3. Outworkers	438		
4. Numbers in Factories of various Sizes	438		

	page		page
§ 6. Investment of Capital in Manufactories		10. Industries of Class IX.—Musical Instruments...	476
1. Land and Buildings	443	11. Industries of Class X.—Arms and Explosives	477
2. Plant and Machinery	443	12. Industries of Class XI.—Vehicles and Fittings, Saddlery, etc.	477
3. Wages	444	13. Industries of Class XII.—Shipbuilding, Fittings, etc.	478
§ 7. General Summary regarding Manufacturing Industries	444	14. Industries of Class XIII.—Furniture, Bedding, etc.	478
§ 8. Particular Industries		15. Industries of Class XIV.—Drugs, Chemicals, and By-products	479
1. General	445	16. Industries of Class XV.—Surgical and Scientific Appliances	480
2. Industries of Class I.—Raw Material, Pastoral Products, etc.	445	17. Industries of Class XVI.—Timepieces, Jewellery, and Plated-ware	480
3. Industries of Class II.—Oils and Fats, Animal and Vegetable	448	18. Industries of Class XVII.—Heat, Light, and Energy	481
4. Industries of Class III.—Processes relating to Stone, Clay, Glass, etc.	450	19. Industries of Class XVIII.—Leather-ware (excepting harness & saddlery)	482
5. Industries of Class IV.—Wkg. in Wood	451	20. Industries of Class XIX.—Minor Wares not elsewhere included	482
6. Industries of Class V.—Metal Working, Machinery, etc.	453	§ 9. Conclusion	483
7. Industries of Class VI.—Food & Drink	459		
8. Industries of Class VII.—Clothing and Textile Fabrics	472		
9. Industries of Class VIII.—Books, Paper, Printing, etc.	476		

SECTION XIV.—WATER CONSERVATION AND IRRIGATION.

§ 1. Water Supply Works		4. South Australia	488
1. General	484	5. Victoria	488
2. The Goldfields Water Supply of Western Australia	484	6. Western Australia	488
3. The Mines Water Supply Branch	484	§ 3. Irrigation Plants	
§ 2. Artesian Wells		1. General	489
1. General	485	2. Victoria	489
2. Queensland	486	3. South Australia	490
3. New South Wales	487	4. New South Wales	491
		5. Conflicting Interests	491

SECTION XV.—COMMERCE.

§ 1. Introductory		§ 6. Trade of Commonwealth since Federation	
1. General	492	1. Classified Summary of Australian Trade	509
2. Constitutional Powers of Commonwealth in regard to Commerce	492	§ 7. Movements of Noble Metals	
§ 2. Commonwealth Commercial Legislation		1. Specie and Bullion	511
1. Customs Act 1901	494	2. Imports of Bullion and Specie	512
2. Customs Tariff Act 1902	494	3. Exports of Bullion and Specie	513
3. Sea Carriage of Goods Act	494	§ 8. Effects of Prices on the Values of Exports	
4. Secret Commission Act 1905	495	1. Significance of Price in Totals	513
5. Commerce (Trade Descriptions) Act 1905	495	2. Effect of Prices	513
6. Aust Industries Preservation Act 1906	496	3. Influence of Quantity and Price on Total Increased Value of Exports	514
7. Customs Tariff 1906	496	§ 9. External Trade of Australia and other Countries	
8. Customs Tariff (South African Preference) 1906	496	1. Essentials of Comparisons	514
§ 3. Method of Recording Imports and Exports		2. "Special Trade" of Various Countries	515
1. Value of Imports	496	3. External Trade as a Measure of Prosperity	515
2. Value of Exports	496	4. Australian Trade Evidence of Prosperity	516
3. Records of Past Years	496	§ 10. Trade of the United Kingdom with Australia. Has it been diverted?	
4. Vessels (Ships) Imported & Exported	497	1. General	516
5. Ships' Stores	497	2. Proportion of Trade from U.K.	516
§ 4. Oversea Trade		3. Manufactures of Metals	517
1. Total Oversea Trade	497	4. Significance of Increase of Trade with other Countries	518
2. Ratio between Exports and Imports	498	REPORT OF THE ADVISORY COMMITTEE ON COMMERCIAL INTELLIGENCE OF THE BOARD OF TRADE	518
§ 5. Direction of Trade		1. Causes of the Success of Foreign Competition	518
1. Countries of Origin of Imports	499	2. Conclusions	521
2. Direct Imports according to Country of Shipment	500	§ 11. Imports of Dutiable and Free Goods	
3. Imports Shipped from the U.K.	501	1. Classified Statement of Imports	522
4. Imports Shipped from Brit. Poss.	502	2. Comparative Rates of Duty	523
5. Principal Impt's from Brit. Poss. 1906	502	§ 12. Trade of the Individual States of the Commonwealth	
6. Imports from Foreign Countries	503	1. Character of Data	524
7. Principal Imports from For'n Count.	503	2. Record of Transhipments	524
8. Direction of Exports	504	3. Adjustment of Data	525
9. Exports to the United Kingdom	506	4. General Results	525
10. Exports to British Possessions	507		
11. Principal Exports to British Possessions, 1906	507		
12. Exports to Foreign Countries	508		
13. Principal Exports to Foreign Countries	508		

SECTION XVI.—SHIPPING.

§ 1. General	page		page
1. Historical	528	5. General Trend of Shipping	531
2. Record of Shipping before Federation	528	6. Nationality of Oversea Shipping	532
3. Shipping since Federation	528	7. Tonnage in Ballast	535
4. Difficulties of Comparisons of Total Shipping	528	8. Shipping at Ports	536
5. Present System of Record	528	9. Vessels Registered	536
		10. Vessels Built	537
§ 2. Oversea Shipping		§ 3. Interstate Shipping	
1. Total Oversea Shipping	528	1. Total Vessels and Tonnage	537
2. Growth of Oversea Shipping	529	2. Total Interstate Movement in Shipping	539
3. Comparison with other Countries	529	3. Vessels engaged solely in Interstate Trade	540
4. Shipping Communication with various Countries	530	4. Interstate and Coastal Services	540

SECTION XVII.—ROADS AND RAILWAYS.

§ 1. Roads and Bridges		21. Number of Passenger Journeys and Coaching Traffic Receipts	574
1. Introduction	541	22. Goods and Live-stock Traffic Receipts per Mile Worked, per Goods Train-mile and per Ton carried	575
2. Expenditure on Roads and Bridges	542	23. Working Expenses	575
3. New South Wales	542	24. Working Expenses per Average Mile Worked and per Train-mile Run	576
4. Victoria	544	25. Distribution of Working Expenses	577
5. Queensland	546	26. Analysis of Working Expenses	577
6. South Australia	546	27. Net Revenue, Total and per Cent. of Capital Cost	578
7. Western Australia	548	28. Net Revenue, per Average Mile Worked and per Train-mile Run	579
8. Tasmania	549	29. Interest Returned on Capital Expenditure	579
§ 2. Railways		30. Numbers and Description of Rolling-stock	581
1. Introduction	551	31. Number of Railway Employés	581
2. Rail. Communication in the C'wth	551	32. Accidents—Numbers of Killed and Injured	582
3. Mileage open for Traffic	552		
4. Average Mileage Worked, Train-miles Run, Number of Passenger Journeys, and Tonnage of Goods and Live Stock carried on Government Railways	553	§ 3. Graphical Representation of Railway Developments	
5. Non-conformity of Gauge	554	1. General	587
6. Interstate Communication	555	2. Capital Cost and Mileage Open	587
7. Classification of Lines according to Gauge	555	3. Cost per Mile Open	587
8. Unification of Gauge	555	4. Gross Revenue	587
9. Comparative Mileage of State-owned and Private Lines	556	5. Working Expenses and Net Revenue	587
10. Comparative Railway Facilities in different States	557	6. Percentages of Working Expenses to Gross Revenue	587
11. History of Railway Construction	557	7. Percentage of Net Revenue on Capital Cost	587
12. Length and Gauge of Railway System in each State	561	8. General Indication of Graphs	587
13. Administration & Control of Gov. Rls.	564		
14. Lines under Construction and Proposed New Lines	566	§ 4. Tramways	
15. Particulars of Private Railways	567	1. General	588
16. Guaranteed Railways	568	2. New South Wales	589
17. Cost of Construction and Equipment of Government Railways	569	3. Victoria	592
18. Revenue and Working Expenses	572	4. Queensland	594
19. Gross Revenue, Total per Average Mile Worked, & per Train-mile Run	573	5. South Australia	595
20. Coaching Traffic Receipts per Average Mile Worked, per Passenger Train-mile, & per Pass'g'r. Journey	574	6. Western Australia	595
		7. Tasmania	597

SECTION XVIII.—POSTS, TELEGRAPHS AND TELEPHONES.

§ 1. Posts		15. Number and Value of Money Orders Issued	619
1. The Commonwealth Postal Dept.	598	16. Number & Val. of Money Orders Pd.	619
2. First Post Office in Australia	598	17. Classification of Postal Notes Issued and Paid	620
3. Postal Services in Early Days	599	18. Number and Value of Postal Notes Issued	620
4. Development of Postal Services	600	19. Number and Value of Postal Notes Paid	621
5. Postal Matter Dealt with	602	20. The Value Payable Post	622
6. Postal Facilities	608	21. Transactions of the Dead Letter Of.	622
7. Rates of Postage	608	22. Post Offices and Receiving Offices and Employés	623
8. Registered Letters	609	23. Miles of Postal Lines (including Railways) & Mail-miles Travelled	624
9. Ocean Mail Services	609	24. Gross Revenue of Postal Dept.	624
10. Amount of Mail Subsidies paid by each State	614	25. Expenditure in respect of Postal Departments	626
11. Average and Fastest Time of Mails to and from London	614	26. Analysis of Gross Revenue and Expenditure of Postal Departments	626
12. Letters, Packets, Newspapers Transmitted by different Ocean Mail Routes during the year 1906	615		
13. Money Orders and Postal Notes	616		
14. Classification of Money Orders Issued and Paid	617		

§ 2. Telegraphs	page
1. First Lines Constructed	627
2. Development of Services	627
3. Length of Telegraphic Lines and Wire Open	627
4. Number of Telegraphic Offices	628
5. Revenue and Expenditure	628
6. Number of Telegrams dealt with	628
7. Rates for Transmission of Telegrams	629
§ 3. Submarine Cables	
1. First Cable Communication with the Old World	630
2. The Tasmania-Victoria Cable	631

3. The Eastern Extension Comp'y's Cables	page 631
4. The Pacific Cable	631
5. New Zealand Cables	632
6. The New Caledonian Cable	632
7. Number of Cablegrams received and despatched in each State	632
8. Lengths of Cable Routes	633
9. Cable Rates	633
10. Cable Subsidies Paid by each State	634

§ 4. Telephones	
1. Development of Telephone Services	635
2. Telephone Rates	636
3. Miscellaneous Particulars, 1906	637

SECTION XIX.—COMMONWEALTH FINANCE.

§ 1. General	
1. Financial Provisions of the Constitution	638
2. Departments Transferred or Transferable under Constitution	638
3. Departments Transferable by Means of Commonwealth Legislation	638
4. Commonwealth Departments	639
5. Adjustment of Accounts between Commonwealth and States	639
6. The "Braddon" Clause	639
7. The "Book-keeping System"	640
8. Western Australian Sliding Scale	640
9. Special Assistance	641
10. Transfer and Consolidation of State Debts	641
11. Disadvantages of the Present System	641
12. Proposals to Modify Present System	641
13. Interstate Conferences	642
§ 2. Consolidated Revenue Fund	
(A) NATURE OF FUND	642
(B) REVENUE—	
1. Total Collections	642
2. Collections per Head	643
3. Proportions Collected in respect of the Several States	644
4. Details of Revenue	644
5. Sources of Revenue	645
6. Customs	645
7. Customs Revenue	646
8. Customs Revenue for Past Five Years	646
9. Excise	647
10. Excise Collections	647
11. Commonwealth Taxation	648
12. Taxation per Head	648
13. Postal Revenue	648
14. Postal Revenue per Head	649
15. Details of Postal Revenue, 1906-7	649
16. Details of Postal Revenue, 1901 to 1906-7	650

17. Revenue from Patents	650
18. Revenue from Trade Marks, etc.	650
19. Defence Revenue	650
20. New Revenue	650

(C) EXPENDITURE—

1. Nature of C'wealth Expenditure	651
2. Expenditure Debited to the Several States	651
3. Expenditure per Head	651
4. Details of Expenditure	652
5. New Works, etc.	652
6. "Other" Expenditure	652
7. Cost of Departments, etc.	653
8. Governor-General	653
9. Parliament	654
10. External Affairs	654
11. Papua	655
12. Attorney-General's Department	655
13. Home Affairs Department	655
14. Treasurer's Department	656
15. Trade and Customs	656
16. Cost of Collection	656
17. Defence	657
18. Postal	657
19. Miscellaneous	658

(D) SURPLUS REVENUE PAID TO STATES—

1. Net Revenue	658
2. Actual Payments of Surplus	658
3. Payments to the Several States	658
4. The Commonwealth Fourth of Net Customs and Excise Revenue	659
5. Proportion Actually Paid	659

(E) INTERSTATE CUSTOMS AND EXCISE ADJUSTMENTS—

1. Reason for Adjustments	659
2. Interstate Adjustments	660
3. Net Results	660

§ 3. Trust Fund

1. Trust Accounts	660
2. Distribution	661

SECTION XX.—STATE FINANCE.

§ 1. General	
1. Functions of State Governments	662
2. Accounts of State Governments	662
3. Inter-relation of Commonwealth and State Finance	662
§ 2. State Consolidated Revenue Funds	
(A) RECEIPTS—	
1. Sources of Revenue	663
2. Amount Collected	663
3. Revenue per Head	663
4. Details for 1906-7	664
5. Revenue per Head, 1906-7	664
6. Relative Importance of Sources of Revenue	664
7. State Taxation	665
8. Commonwealth and State Taxation	666
9. Public Works and Services	666
10. Land Revenue	667
11. Surplus Commonwealth Revenue	667
12. Miscellaneous Items of Revenue	668
(B) DISBURSEMENTS—	
1. Heads of Expenditure	668
2. Total Expenditure	668

3. Expenditure per Head	668
4. Details of Expenditure	669
5. Expenditure per Head	669
6. Relative Importance	669

(C) BALANCES—

1. Position on 30th June, 1907	670
--------------------------------	-----

(D) PRINCIPAL STATE TAXES—

(a) Probate and Succession Duties—

1. General	670
2. New South Wales	671
3. Victoria	672
4. Queensland	672
5. South Australia	673
6. Western Australia	674
7. Tasmania	674

(b) Stamp Duties—

1. Legislation in the Several States	675
2. Bank Notes	675
3. Bills of Exchange and Promissory Notes	675
4. Bills of Lading	676
5. Receipts	676

(c) <i>Land Tax</i> —		page	
1. General	...	676	
2. New South Wales	...	677	
3. Victoria	...	677	
4. South Australia	...	678	
5. Western Australia	...	678	
6. Tasmania	...	679	
(d) <i>Income Tax</i> —			
1. General	...	679	
2. New South Wales	...	680	
3. Victoria	...	680	
4. Queensland	...	682	
5. South Australia	...	683	
6. Western Australia	...	683	
7. Taxation	...	684	
8. Taxat'n of Cwlt'h. Sal'r's & Allow'nc's	...	685	
§ 3. Trust Funds			
1. Nature	...	685	
2. Extent of Funds	...	686	
§ 4. Loan Funds			
1. Nature	...	686	
2. Loan Expenditure	...	686	
3. Aggregate Loan Expenditure	...	687	
4. Relative Importance of Loan Items	...	687	
5. Loan Expenditure in Successive Yrs.	...	688	
6. Loan Expenditure per Head...	...	688	
§ 5. Public Debt			
1. The Initiation of Public Borrowing	...	688	
2. Nature of Securities	...	689	
3. Increase in Indebtedness of the			
Several States	...	690	
4. Indebtedness per Head	...	690	
5. Flotation of Loans	...	690	
6. Rates of Interest	...	691	
7. Interest Payable per Head	...	692	
8. Dates of Maturity	...	692	
9. Sinking Funds	...	693	
10. London Prices of Australian Stocks	...	694	

SECTION XXI.—PRIVATE FINANCE.

§ 1. Currency		
1. The Three Australian Mints...	...	695
2. Receipts and Issues in 1906	...	695
3. Total Receipts and Issues	...	696
4. Standard Weight and Fineness of Coinage	...	697
5. Prices of Silver and Aust. Coinage...	...	698
6. Decimal Coinage...	...	698
7. Circulation of Specie	...	699
8. Imports & Exports of Coin & Bullion	...	699
§ 2. Banking		
1. Banking Facilities	...	700
2. Banking Legislation	...	700
3. Capital Resources of Banks	...	701
4. Liabilities and Assets of Banks	...	701
5. Percentage of Coin and Bullion to Liabilities at Call	...	703
6. Deposits and Advances	...	704
7. Clearing Houses	...	705
§ 3. Financial Companies		
1. Pastoral Companies	...	706
2. Trustees, Executors & Agency Co.'s	...	706
§ 4. Savings Banks		
1. General	...	706
2. Depositors	...	707
3. Deposits	...	707
4. Annual Business	...	708
§ 5. Life Assurance		
1. General	...	709
2. Companies Transacting Business in the Commonwealth	...	709
3. Ordinary and Industrial Business	...	710
4. Ordinary Business	...	710
5. Industrial Business	...	711
6. Receipts and Expenditure of Australasian Societies	...	711
7. Expenses of Management of Australasian Societies	...	712
8. Liabilities and Assets of Australasian Societies	...	713
§ 6. Other Insurance		
1. General	...	714
2. Sydney	...	714
3. Melbourne	...	714
4. Country Districts of Victoria	...	715
5. Brisbane	...	715
6. Australian Insurance Business	...	715
§ 7. Friendly Societies		
1. General	...	716
2. Number of Societies, Lodges, and Members	...	716
3. Sickness and Death	...	717
4. Revenue and Expenditure	...	717
5. Funds	...	718

SECTION XXII.—PUBLIC INSTRUCTION.

§ 1. Early History of Primary Education in Australia		
1. Primary System of N.S.W.	...	719
2. " " Victoria	...	723
3. " " Queensland	...	724
4. " " South Australia	...	725
5. " " West. Australia	...	726
6. " " Tasmania	...	727
7. " " New Zealand	...	727
§ 2. State Schools		
1. Enrolment and Attendance	...	729
2. Births and School Attendance	...	730
3. Centralisation of Schools	...	731
4. Education in Sparsely-settled Distrs.	...	731
5. Higher State Schools	...	731
6. Agricultural Training in State Schls.	...	732
7. Teachers in State Schools	...	733
8. Training Colleges and their Develop.	...	733
9. Expenditure on State Schools	...	736
§ 3. Private Schools		
1. School Teachers, etc., in 1906	...	737
2. Growth of Private Schools	...	737
3. Defects in Returns of Private Sch'ls	...	738
4. Expend. on Higher Private Schools	...	738
§ 4. Universities		
1. Sydney University	...	739
2. University of Melbourne	...	741
3. University of Adelaide	...	742
4. University of Tasmania	...	742
5. University of New Zealand	...	743
6. Teachers & Students at Universities	...	743
7. University Revenues	...	744
8. New Zealand University	...	744
9. University Extension	...	744
§ 5. Technical Education		
1. General	...	745
2. New South Wales	...	745
3. Victoria	...	745
4. Queensland	...	745
5. South Australia	...	746
6. Western Australia	...	746
7. Tasmania	...	746
8. New Zealand	...	746
9. Expend. on Technical Education	...	747
§ 6. Diffusion of Education		
1. General Education	...	748
2. Education of Children	...	749
3. Education as shewn by Marriage Registers	...	750
§ 7. Miscellaneous		
1. Scientific Societies	...	751
2. Libraries	...	752
3. Museums	...	752
4. Art Galleries	...	753
5. State Expenditure on all Forms of Educational Efforts	...	754

SECTION XXIII.—PUBLIC JUSTICE.

§ 1. Police	page	§ 3. Superior Courts	page
1. Introductory	755	1. Convictions at Superior Courts	764
2. Strength of Police Force	755	2. Offences for which Convictions were Recorded at Superior Courts	764
3. Duties of the Police	756	3. Capital Punishment	765
4. Cost of Police Forces	757		
§ 2. Lower (Magistrates') Courts		§ 4. Prisons	
1. Introductory	757	1. Prison Accommodation & Prisoners in Gaol	766
2. Powers of the Magistrates	757	2. Improvem't in Pœnological Methods	767
3. Persons Charged at Magistrates' Courts	758		
4. Convictions for Serious Crime	759	§ 5. Civil Courts	
5. Decrease in Crime	760	1. Lower Courts	768
6. Need of Statistic of Distinct Persons	760	2. Superior Courts	768
7. Causes of Decrease in Crime	760	3. Divorces and Judicial Separations	769
8. Drunkenness	762	4. Probates	770
9. Treatment of Drunkenness as Crime	762	5. Bankruptcies	770
10. Treatment of Habitual Offenders	763	6. High Court of Australia	771
11. Treatment of First Offenders	763		
12. Children's Courts	763	§ 6. Cost of Administration of Justice	771
13. Committals to Superior Courts	763		

SECTION XXIV.—PUBLIC BENEVOLENCE.

§ 1. Introductory		3. Orphanages, Industrial Schools, etc.	773
1. General	774	4. Lepers	784
2. Difficulties of General Tabulation	775	5. Hospitals for the Insane	789
§ 2. The Larger Charities of Australia		6. Protection of Aborigines	790
1. Hospitals	775	7. Other Charitable Institutions	790
2. Benevolent and Destitute Asylums	777	8. State Expenditure on Charities	790
		9. Total Charitable Expenditure	790

SECTION XXV.—GENERAL GOVERNMENT.

§ 1. Scheme of Parliamentary Government		§ 2. Parliaments and Elections	
1. General	791	1. Qualifications for membership and for Franchise	795
2. Number Members of the Legislatures	791	2. The Federal Parliament	798
3. The Cabinet and Executive Govm't.	792	3. The Parliament of New South Wales	799
4. The Appointment of Ministers and of Executive Councillors	793	4. " " Victoria	799
5. The Resignation of Ministers	793	5. " " Queensland	800
6. Enactments of the Parliament	793	6. " " South Australia	800
7. Powers and Functions of the Governor-General and of the Governors	794	7. " " West. Australia	801
8. Cost of Parliamentary Government	795	8. " " Tasmania	802

SECTION XXVI.—LOCAL GOVERNMENT.

§ 1. Introduction		3. Boroughs and Shires, Number, Population, and Value of Ratable Property	826
1. Systems of Local Government	803	4. Municipal Assets and Liabilities	827
2. Early History of Local Government in Australia	805	5. Revenue and Expenditure of Municipalities	827
§ 2. New South Wales		6. Number and Assessment of Properties Rated, 1905-6	828
1. Development of Local Gov. Systems	806	7. The Melbourne and Metropolitan Board of Works	828
2. Local Gov. Systems now in Operat'n	807	8. Melb. Metropolitan Water Supply	830
3. Annual and Capital Improved Value of Ratable Property	810	9. Melbourne Sewerage	834
4. Unimproved Capital Value, Area, Population, and Rates Levied	810	10. Water Supply in Country Towns	836
5. Revenue and Expenditure, Assets and Liabilities of Municipalities	810	11. Fire Brigades	837
6. Expenditure by General Government on Local Works	811	12. The Melbourne Harbour Trust	837
7. Sydney Metropolitan Board of Water Supply and Sewerage	811	§ 4. Queensland	
8. Metropolitan Water Supply	812	1. Development of Local Government Systems	839
9. Metropolitan Sewerage System	814	2. Systems of Local Government now in Operation	840
10. The Hunter District Water Supply	817	3. Area, Population, Number of Dwellings, Rates, Assets and Liabilities of Cities, Towns, and Shires, 1906	842
11. Water Supply and Sewerage in Country Towns	818	4. Receipts and Expenditure of Local Authorities, 1906	842
12. Municipal Gas & Elect. Light. W'ks	818	5. Receipts and Expenditure of Cities, Towns, and Shires	843
13. Fire Brigade Board	819	6. Area, Population, Number of Dwellings, Assets and Liabilities of Cities, Towns, and Shires	843
14. Sydney Harbour Trust	820	7. Brisbane Water Supply	844
15. Local Option	821	8. Country Towns Water Supply	846
16. Municipal Association of N.S.W.	821	9. Fire Brigades	846
§ 3. Victoria			
1. Development of Types of Local Authorities	821		
2. Local Gov. Systems now in Operat'n	823		

§ 5. South Australia	page	7. Boards of Health...	page
1. Development of Local Government Systems	846	8. The Perth Metropolitan Waterworks	854
2. District Councils	846	9. Fremantle Harbour Trust	856
3. Municipalities	848	10. Fire Brigades Board	856
4. Finances of District Councils and Corporations	849	§ 7. Tasmania	
5. Adelaide Water Supply System	850	1. Development of Local Areas... ..	856
6. Adelaide Sewerage System	850	2. Acts now in Force	856
7. Water Supply in Country Towns	850	3. Annual Value, Revenue, and Expenditure of Municipalities	858
§ 6. Western Australia		4. Annual Value, Revenue, and Expenditure of Town Boards	861
1. Types of Local Authorities	851	5. Total Revenue and Expenditure of Local Bodies	861
2. Municipalities	851	6. Hobart Water Supply	862
3. Area, Population, etc., of Municipalities	853	7. Hobart Sewerage System	862
4. Revenue and Expenditure of Municipalities	853	§ 8. Capital Cities of the States	
5. Assets & Liabilities of Municipalities	853	1. Population, Area, Finances, etc.	863
6. Road Districts	854	2. Date of First Settlement	863

SECTION XXVII.—INDUSTRIAL UNIONISM AND INDUSTRIAL LEGISLATION.

§ 1. Development of Trade Unions in Australia		§ 3. Legislative Regulation of Wages and Terms of Contract	
1. General	864	1. General	872
2. History of Unions in Australia	864	2. Wages Boards	872
3. Operations and Organisation of Unions subsequent to the Acts	865	3. The Arbitration Court System	874
4. Registered Trade Unions and Industrial Associations	866	4. The "New Protection"	876
5. Registration under Industrial Arbitration Acts	866	§ 4. Operation of the Wage-regulating Laws	
§ 2. Laws relating to Conditions of Labour		1. Systems of Wages Boards	877
1. Tabular Statement of Statutes affecting Labour	868	2. Wages Boards	877
2. Limitation of Hours	869	3. Effect of Acts	878
3. General Conditions of Labour	869	4. Change of Rate of Wage	878
4. Legislation regulating Conditions of Labour	870	§ 5. Operation of the Arbitration Acts	
		1. New South Wales and Western Aust.	879
		§ 6. Other Commonwealth Legislation affecting Labour	
		1. Constitutional Power	879
		2. Legislation	880

SECTION XXVIII.—DEFENCE.

§ 1. Military Defence		§ 5. The Cadet System	
1. Historical Outline	881	1. School Cadets	894
2. Land Defence of Federated Australia	888	2. Senior Cadets	894
§ 2. Naval Defence		3. Mounted Cadets	895
1. Historical Outline	890	4. Naval Cadets	895
2. The Naval Agreement with the British Government	891	5. Boys' Brigades	895
3. Naval Defence of Federated Aust.	892	§ 6. Commonwealth Defence Legislation	
§ 3. Expenditure on Defence		1. The Defence Acts of 1903 and 1904	895
1. Expenditure, 1901-2 to 1907-8	893	§ 7. General Questions of Defence 898	
2. Expenditure compared with various Countries	894	§ 8. Relation to the Empire 901	
§ 4. The Training of Officers		§ 9. Military Education 902	
1. Instruction and Exchange	894	§ 10. The Defence Forces of New Zealand 902	

SECTION XXIX.—MISCELLANEOUS.

§ 1. The Regulation of Immigration into Aust.		2. Introduction of Old-age Pensions into Australia 912	
1. Pre-Federal Restrictions	904	3. Rates of Pension Payable	912
2. Powers and Legislation of the Commonwealth	904	4. Pension Age	912
3. Prohibited Immigrants	904	5. Length of Residence	912
4. Liability of Shipmasters and others	905	6. Evidence of Character of Applicant for Pension	913
5. Agreement with other Countries	905	7. Limitations in respect of Income and Property	913
6. Statistics	905	8. Number of Pensioners... ..	913
§ 2. Patents, Copyrights, Trade Marks, and Designs		9. Amount Paid in Pensions	913
1. Devolution of Jurisdiction upon the Commonwealth	907	10. Cost of Administration	914
2. Patents	907	11. Commonwealth Royal Commission on Old-age Pensions	914
3. Copyright	910	12. Estimated Cost of a Commonwealth Old-age Pension Scheme	916
4. Trade Marks	910	§ 4. Valuation of Commonwealth Production 917	
5. Designs	911		
§ 3. Old Age Pensions			
1. General	911		

In the first official YEAR BOOK OF THE COMMONWEALTH OF AUSTRALIA, the corrections shewn hereunder are found to be necessary.

G. H. KNIBBS,

Commonwealth Statistician.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
MELBOURNE, 20th May, 1908.

CORRIGENDA.

- Page v, for "Chapter II." read "Section II."
" 3, line 6, for "February, 1891," read "March, 1890."
" 3, line 7, for "315" read "186."
" 39, line 43, for "Bachelor" read "Batchelor."
" 39, line 50, for "Houston" read "Houstoun."
" 56, in central map, Western boundary of Queensland should be Eastern boundary of South Australia prolonged. Area Northern Territory, 710,040 sq. m.; area Queensland, 554,300 sq. m. The text on p. 53 requires corresponding alteration.
" 45, line 44, for "Java la Grande" read "Jave la Grande."
" 119, " 27, for "4°" read "40°."
" 120, " 9 from bottom, omit "extreme," and after "North-east" insert the words "of the Southern Goldfields."
" 120, line 10, for "with" read "without."
" 123, " 1, for "(v.)" read "7."
" 127, " 19 from bottom, for "Whin Creek" read "Whim Creek."
" 135, under *Ottawa* in 3rd column from right, for "31.6" read "—31.6."
" 168, last line in last column on right, for "37,37,801" read "3,773,801."
" 201, the rates are per 1000 of population.
" 204, line 8 from bottom, for "1000 deaths" read "population of 1000 as constituted."
" 205, in heading of table read "Tabulation" for "Compilation."
" 215, line 2, for "of the" read "for the."
" 235, line 8, after "grazing allotments" add "For existing conditions as to improvements see Acts No. 1749 and 1957."
" 235, line 12, for "fourpence" read "threepence."
" 241, line 2, add "The provisions relating to homestead associations were repealed in 1904."
" 246, last line, for "Agricultural Lands Purchase 1894, as amended in 1897, 1901, and 1905," read "Closer Settlement Act 1906."
" 253, for "10. Closer Settlement" read "11. Closer Settlement."
" 270, for "1. Classification" etc., read "11. Classification" etc.
" 294, for "§ 5. Graphical Representation" read "§ 6. Graphical Representation."
" 312, in table of "Interstate Trade in Maize" read "Cents" for "Bushels."
" 315, in table of "Interstate Trade in Barley, etc.," read "Cents" for "Bushels."
" 343, in table under "Total Advanced," line Commonwealth, for £4,172,704 read £4,172,714; for £5,377,307 read £4,577,307.

- Page 354, line 13, omit "Tasmania excepted," and below line 20, insert "Tasmania . . .
 Manure Adulteration Acts 1893 and 1898."
- „ 410, line 13, for "3666 tons" read "103,666 tons."
- „ 424, for "6. Production" etc., read "4. Production" etc.
- „ 424, for "7. Export" etc., read "5. Export," etc.
- „ 425, for "8. Price" etc., read "6. Price" etc.
- „ 426, for "9. Price" etc., read "7. Price" etc.
- „ 426, for "10. Employment" etc., read "8. Employment," etc.
- „ 453, missing figures in first table for South Australia may be found on p. 382.
- „ 499, under *Straits Settlements* in column 4, for "253,607" read "269,013."
- „ „ „ *Total British Possessions* in column 4, for "6,735,864" read "6,751,270."
- „ „ „ *Total British Countries* in column 4, for "33,311,697" read "33,327,103."
- „ „ „ *Total Imports from all Countries* in column 4, for "44,729,506" read
 "44,744,912."
- „ „ under *Other Foreign Countries* in column 8, for "1,641,935" read "1,657,341."
- „ „ „ *Total Foreign Countries* in column 8, for "15,355,753" read "15,371,159."
- „ „ „ *Total Imports from all Countries* in column 8, for "44,729,506" read
 "44,744,912."
- „ 552, line 21, for "§ 14. *infra*" read "§ 15. *infra*."
- „ 561, line 31, for "Light Railway" read "Main Line Railway."
- „ 561, line 44, for "Devonport" read "Formby," and for "Formby" read "St. Marys."
- „ 566, line 7, under *South Australia*, for "87 $\frac{1}{4}$ " read "47 $\frac{1}{4}$."
- „ „ „ „ „ *Commonwealth*, for "732 $\frac{1}{4}$ " read "692 $\frac{1}{4}$."
- „ 569, under 17. Cost of Construction etc., for "£135,448,923" read "£137,936,168."
- „ „ „ „ „ „ „ „ for "£9754" read "£9669."
- „ 607, line 4 from bottom, in last column on right, for "747,116" read "77,116."
- „ „ last line, in last column on right, for "2,839,356" read "2,169,356."
- „ 626, heading of table, for "1907" read "1906."
- „ 712, table "Ordinary Life Assurance," the figures are as given on the official
 statistics; they are not, however, compiled for each company on uniform
 lines.
- „ 719, line 10, for "at" read "of."
- „ 798, in heading of table, for "Electors Enrolled" read "Electors Enrolled in Con-
 tested Districts" for House of Representatives.