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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
CANBERRA.

OFFICIAL

YEAR BOOK

OF THE

COMMONWEALTH OF AUSTRALIA

No. 26.—1933.

Prepared under Instructions from
The Honorable the Treasurer,

BY

E. T. MCPHEE,
COMMONWEALTH STATISTICIAN.

Editor: JOHN STONHAM, M.A.



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PREFACE.

By the Constitution of the Commonwealth of Australia, the Parliament of the Commonwealth is empowered "to make laws for the peace, order, and good government of the Commonwealth, with respect to Census and Statistics." In the exercise of 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 first Official Year Book was published early in 1908. The publication here presented is the twenty-sixth Official Year Book issued under the authority of the Commonwealth Government.

The synopsis on pp. ix to xxii immediately following shows the general arrangement of the work. The special index (following the usual general index) provided at the end of the volume, together with certain references given in the various Chapters, will assist in tracing in previous issues matter which, owing to limitations of space, has been omitted or is not printed fully in the present volume.

Economic and financial conditions during recent years have caused a demand for new information, or information expressed in new terms, concerning many matters of finance, trade, production and industry. The need for economy hampers the collection of this material, and the need for abbreviation precludes adequate presentation of some that is available. The editing of the Year Book has, therefore, become particularly difficult, involving as it does the continual balancing of the claims of old material and new. Some progress has been made in the later volumes towards bringing closer to present day requirements the Chapters dealing with production, trade, finance, population and vital statistics, etc., while the Appendix furnishes a summary, brought up to the latest available date, of the chief events in connexion with the financial crisis. It is not proposed to refer here to the whole of the new matter or to the new treatment of existing matter, incorporated in the present volume, but attention may be drawn to the following :—

- Chapter VI. Trade—Balance of Payments (Appendix).
- Chapter XIV. Public Finance—State Net Loan Expenditure as defined in the Financial Agreement Act (p. 421).
- Chapter XV. Private Finance—Private Wealth of Australia (p. 471).
- Chapter XVII. Pastoral Production—Inquiry into Wool Industry (p. 558).
- Chapter XXV. Population—Incorporation of available details of Census of 1933.

Later information which has come to hand since the various Chapters were sent to press has been incorporated in the Appendix (pp. 867 to 903).

The material contained in each issue is always carefully examined, but it would be idle to hope that all error has been avoided. I shall be grateful to those who will be kind enough to point out defects or make suggestions.

My best thanks are due to the State Statisticians, who have collected and compiled the data on which the greater part of the information given in the Year Book is based. Thanks are also due to the responsible officers of the various Commonwealth and State Departments, and to others, who have kindly, and often at considerable trouble, supplied information.

My special thanks are due to Dr. Roland Wilson for the contribution of his very exhaustive statement of matters affecting the "balance of payments" for Australia.

Publication of the present volume has been held back in order to permit of the incorporation of available information in regard to population obtained at the Census of 1933. Intercensal estimates of population for the States and for Australia have been amended in accordance with the Census results.

I wish to express my keen appreciation of the valuable work performed by Mr. J. Stonham, M.A., the Editor of the Year Book, and of the services rendered by the officers in charge of the various branches of the Commonwealth Bureau of Census and Statistics, upon whom has devolved the duty of revising the Chapters relative to their respective branches.

E. T. MCPHEE,
Commonwealth Statistician.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
Canberra, February, 1934.

CORRIGENDA.

OVERSEA MIGRATION—AUSTRALIA, page 779.

The figures for departures in the table on page 779 should read as follows in respect to the periods indicated hereunder :

Period.	Departures.		
	Males.	Females.	Persons.
1921-25	171,974	122,535	294,509
1921	44,876	25,487	70,363
1922	30,935	22,369	53,304
1928	39,302	30,362	69,664

CONTENTS.

CHAPTER.	SUBJECT.	PAGE.
	STATISTICAL SUMMARY, 1871-1932	xxiii
	CHRONOLOGICAL TABLE OF CHIEF EVENTS	xxv
I.	DISCOVERY, COLONIZATION, AND FEDERATION OF AUSTRALIA	1
II.	PHYSIOGRAPHY	33
III.	GENERAL GOVERNMENT	62
IV.	LOCAL GOVERNMENT.. .. .	80
V.	LAND TENURE AND SETTLEMENT	112
VI.	TRANSPORT AND COMMUNICATION	140
VII.	TRADE	220
VIII.	EDUCATION	270
IX.	PUBLIC JUSTICE	285
X.	PUBLIC BENEVOLENCE	301
XI.	PUBLIC HYGIENE	311
XII.	DEFENCE	322
XIII.	THE TERRITORIES OF THE COMMONWEALTH	336
XIV.	PUBLIC FINANCE	368
XV.	PRIVATE FINANCE	435
XVI.	MINERAL INDUSTRY	495
XVII.	PASTORAL PRODUCTION	532
XVIII.	AGRICULTURAL PRODUCTION	561
XIX.	FARMYARD, DAIRY, AND BEE PRODUCTS	616
XX.	FORESTRY	629
XXI.	FISHERIES	642
XXII.	MANUFACTURING INDUSTRY	648
XXIII.	WATER CONSERVATION AND IRRIGATION	698
XXIV.	LABOUR, WAGES AND PRICES	703
XXV.	POPULATION	753
XXVI.	VITAL STATISTICS	789
XXVII.	MISCELLANEOUS	849
XXVIII.	STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION	862
	APPENDIX	867
	GENERAL INDEX	905
	INDEX TO MAPS, GRAPHS, ETC.	937
	INDEX TO SPECIAL ARTICLES, ETC., WHICH APPEARED IN PREVIOUS ISSUES	939

SYNOPSIS.

CHAPTER I.—DISCOVERY, COLONIZATION, AND FEDERATION OF AUSTRALIA.

	PAGE		PAGE
§ 1. General	1	§ 2. Establishment of the Commonwealth of Australia— <i>continued.</i>	
		4. Transfer of British New Guinea or Papua	2
§ 2. Establishment of the Commonwealth of Australia—		5. Transfer of Norfolk Island	2
1. General	1	§ 3. The Exploration of Australia	2
2. Transfer of the Northern Territory to the Commonwealth	1	§ 4. The Constitutions of the States and of the Commonwealth—	
3. Transfer of the Federal Capital Territory to the Commonwealth	2	1. General	2
		2. Commonwealth Constitution Act	2
		3. The Royal Proclamation	20
		4. Financial Agreement, 1928	21

CHAPTER II.—PHYSIOGRAPHY.

§ 1. General Description of Australia—		§ 2. Climate and Meteorology of Australia— <i>continued.</i>	
1. Geographical Position	33	7. Evaporation	38
2. Area of Australia compared with Areas of Other Countries	33	8. Rainfall	39
3. Areas of Political Subdivisions	35	9. Remarkable Falls of Rain	42
4. Coastal Configuration	35	10. Snowfall	44
5. Geographical Features	36	11. Hall	51
6. Fauna, Flora, etc.	36	12. Barometric Pressures	51
§ 2. Climate and Meteorology of Australia—		13. Wind	51
1. Introductory	36	14. Cyclones and Storms	51
2. Meteorological Publications	36	15. Influences affecting Australian Climate	52
3. General Description of Australia	36	16. Rainfall and Temperatures, Various Cities	52
4. Meteorological Divisions	36	17. Climatological Tables	53
5. Temperatures	37		
6. Humidity	38		

CHAPTER III.—GENERAL GOVERNMENT.

§ 1. Scheme of Parliamentary Government—		§ 2. Parliaments and Elections— <i>continued.</i>	
1. General	62	6. The Parliament of Victoria	67
2. Powers and Functions of the Governor-General and of the State Governors	62	7. The Parliament of Queensland	68
3. Governor-General and State Governors	62	8. The Parliament of South Australia	69
4. The Cabinet and Executive Government	62	9. The Parliament of Western Australia	69
5. Number and Salary of Members of the Legislatures	64	10. The Parliament of Tasmania	70
6. Enactments of the Parliament	64	§ 3. Administration and Legislation—	
§ 2. Parliaments and Elections—		1. The Commonwealth Parliaments	71
1. Qualifications for Membership and for Franchise	64	2. Governors-General and Ministers	72
2. The Federal Government	65	3. State Ministries	73
3. Federal Elections	65	4. The Course of Legislation	74
4. Federal Referenda	66	5. Legislation during the current year	74
5. The Parliament of New South Wales	66	§ 4. Cost of Parliamentary Government	75
		§ 5. Strength of the Civil Service	77
		§ 6. Cost per Head of Population of Principal State Government Services	77
		§ 7. Consular Representatives of Foreign Countries in Australia	79

CHAPTER IV.—LOCAL GOVERNMENT.

§ 1. Introduction—		§ 4. Summary of Local Government Finance—	
1. General	80	1. General	94
2. Municipalities, Shires, etc.	80	2. Number, Revenue, Expenditure and Valuation of Local Authorities	95
3. Water Supply and Sewerage	80	3. Local Government Loans	96
4. Harbours	80	§ 5. Water Supply, Sewerage and Drainage—	
5. Fire Brigades	80	1. New South Wales	96
§ 2. Government Roads, Bridges, etc.—		2. Victoria	99
1. New South Wales	80	3. Queensland	102
2. Victoria	81	4. South Australia	103
3. Queensland	81	5. Western Australia	105
4. South Australia	82	6. Tasmania	106
5. Western Australia	83	§ 6. Harbour Boards and Trusts—	
6. Tasmania	83	1. New South Wales	106
7. Summary of Net Loan Expenditure on Roads and Bridges	83	2. Victoria	107
§ 3. Municipalities, Shires, etc.—		3. Queensland	107
1. New South Wales	84	4. Western Australia	108
2. Victoria	88	5. Tasmania	109
3. Queensland	89	§ 7. Fire Brigades—	
4. South Australia	90	1. New South Wales	110
5. Western Australia	91	2. Victoria	110
6. Tasmania	93	3. Queensland	111
7. Basis for Municipal Rating, etc.	94	4. South Australia	111
		5. Western Australia	111
		6. Tasmania	112

CHAPTER V.—LAND TENURE AND SETTLEMENT.

	PAGE		PAGE
§ 1. Introduction—		§ 7. Leases and Licences under Mining Acts—	
1. General	112	1. General	126
2. State Land Legislation	112	2. New South Wales	126
3. Northern Territory Land Legislation	113	3. Victoria	126
4. Federal Capital Territory Land Legislation	113	4. Queensland	127
5. Administration and Classification of Crown Lands	114	5. South Australia	127
6. Classification of Tenures	114	6. Western Australia	127
§ 2. Free Grants and Reservations—		7. Tasmania	128
1. New South Wales	117	8. Northern Territory	128
2. Victoria	117	9. Summary	128
3. Queensland	117	§ 8. Settlement of Returned Soldiers and Sailors—	
4. South Australia	118	1. General	129
5. Western Australia	118	2. New South Wales	129
6. Tasmania	118	3. Victoria	129
7. Northern Territory	118	4. Queensland	129
§ 3. Unconditional Purchases of Freehold—		5. South Australia	129
1. New South Wales	119	6. Western Australia	129
2. Victoria	119	7. Tasmania	129
3. Queensland	119	8. Summary	130
4. South Australia	120	§ 9. Tenure of Land by Aliens	130
5. Western Australia	120	§ 10. Advances to Settlers—	
6. Tasmania	120	1. General	130
§ 4. Conditional Purchases of Freehold—		2. New South Wales	130
1. General	120	3. Victoria	131
2. New South Wales	120	4. Queensland	131
3. Victoria	121	5. South Australia	131
4. Queensland	121	6. Western Australia	132
5. South Australia	121	7. Tasmania	132
6. Western Australia	121	8. Northern Territory	132
7. Tasmania	121	9. Summary of Advances	132
§ 5. Leases and Licences under Land Acts—		§ 11. Alienation and Occupation of Crown Lands—	
1. General	121	1. General	133
2. New South Wales	121	2. New South Wales	133
3. Victoria	122	3. Victoria	133
4. Queensland	122	4. Queensland	134
5. South Australia	123	5. South Australia	134
6. Western Australia	123	6. Western Australia	135
7. Tasmania	123	7. Tasmania	135
8. Northern Territory	123	8. Northern Territory	136
9. Federal Capital Territory	123	9. Federal Capital Territory	136
§ 6. Closer Settlement—		§ 12. Classification of Alienated Holdings According to Size	137
1. General	124	§ 13. Present Position of Land Settlement—	
2. New South Wales	124	1. Condition of Public Estate	137
3. Victoria	125	2. Diagram showing Condition of Public Estate	139
4. Queensland	125		
5. South Australia	125		
6. Western Australia	125		
7. Tasmania	126		
8. Summary	126		

CHAPTER VI.—TRANSPORT AND COMMUNICATION.

A. SHIPPING.

§ 1. System of Record	140
§ 2. Oversea Shipping—	
1. Total Movement	140
2. Shipping Communication with Various Countries	140
3. Nationality of Oversea Shipping	142
§ 3. Shipping of Ports	143
§ 4. Vessels Built and Registered—	
1. Vessels Built	143
2. Vessels Registered	144
§ 5. Interstate Shipping—	
1. System of Record	144
2. Vessels and Tonnage Entered	146
3. Oversea Vessels Moving Interstate	146
4. Vessels engaged Solely in Interstate Trade	147
5. Total Interstate Movement of Shipping	147
6. Interstate and Coastal Services	148
§ 6. Tonnage of Cargo—	
1. Oversea and Interstate Cargo	148
2. Nationality	148
§ 7. Miscellaneous—	
1. Lighthouses	149
2. Distances by Sea	149
3. Shipping Freight Rates	149
4. Depth of Water at Main Ports	149

A. SHIPPING—continued.

§ 7. Miscellaneous—continued.	
5. Shipping Casualties	149
6. Commonwealth Navigation and Shipping Legislation	150
7. Ports and Harbours	150

B. RAILWAYS.

§ 1. General—	
1. Introduction	150
2. Improvement of Railway Statistics	150
3. Railway Communication in Australia	150
4. Grafton—South Brisbane (Uniform Gauge) Line	150
5. Mileage Open for Traffic, all Lines	151
6. Comparative Railway Facilities	152
7. Classification of Lines According to Gauge	152
8. Summary of Operations	154
9. Track Mileage—Government Railways	154
§ 2. Federal Railways—	
1. General	154
2. North Australia Railway	154
3. Central Australia Railway	155
4. Federal Capital Territory Railway—Queanbeyan—Canberra	155

CHAPTER VI.—TRANSPORT AND COMMUNICATION—*continued.*

	PAGE		PAGE
B. RAILWAYS—<i>continued.</i>		D. AIRCRAFT—<i>continued.</i>	
§ 2. Federal Railways— <i>continued.</i>		4. Air Survey	193
5. Trans-Australian Railway (Kalgoorlie to Port Augusta) .. .	155	5. Aircraft Construction .. .	193
6. Lines Open, Surveyed, etc. .. .	156	6. Training of Air Pilots .. .	193
7. Mileage Open, Worked, and Train-miles run .. .	156	7. Notable Flights .. .	193
8. Cost of Construction and Equipment .. .	157	8. Statistical Summary .. .	194
9. Gross Revenue .. .	158	9. New Guinea Activities .. .	195
10. Working Expenses .. .	158	E. MOTOR VEHICLES.	
11. Passenger Journeys and Tonnage of Goods and Live Stock .. .	160	1. The Motor Car and Motor Industry .. .	195
12. Rolling Stock .. .	161	2. Registration .. .	196
13. Employees .. .	161	3. Public Vehicles .. .	196
14. Accidents .. .	161	4. Motor Omnibuses .. .	196
§ 3. State Railways—		5. Motor Vehicles Registered, etc. .. .	197
1. Administration and Control of State Railways .. .	162	6. Comparative Motor Vehicle Statistics .. .	198
2. Mileage Open .. .	162	F. POSTS, TELEGRAPHS AND TELEPHONES.	
3. Length and Gauge of Railway Systems in Each State .. .	167	§ 1. General—	
4. Average Mileage Worked and Train-miles Run .. .	167	1. The Commonwealth Postal Department .. .	199
5. Lines under Construction and Lines Authorized .. .	167	2. Postal Facilities .. .	199
6. Cost of Construction and Equipment .. .	169	3. Gross Revenue, Postmaster-General's Department .. .	200
7. Gross Revenue .. .	171	4. Expenditure, Postmaster-General's Department .. .	201
8. Working Expenses .. .	173	5. Profit or Loss, Postmaster-General's Department .. .	201
9. Salaries and Wages .. .	175	6. Capital Account .. .	202
10. Net Revenue .. .	176	§ 2. Posts—	
11. Interest .. .	177	1. Postal Matter Dealt With .. .	203
12. Profit or Loss .. .	177	2. Value-payable Parcel and Letter Post .. .	204
13. Traffic .. .	178	3. Sea-borne Mail Services .. .	205
14. Passenger-mileage and Ton-mileage .. .	181	4. Total Cost of Carriage of Mails .. .	205
15. Passenger Fares and Goods Rates .. .	183	5. Transactions of the Dead Letter Offices .. .	206
16. Rolling Stock .. .	183	6. Money Orders and Postal Notes .. .	206
17. Employees .. .	183	§ 3. Telegraphs—	
18. Accidents .. .	184	1. General .. .	208
19. Consumption of Oil and Fuel .. .	184	2. Telegraph Offices, Length of Lines and Wire .. .	209
§ 4. Private Railways—		3. Number of Telegrams Dispatched .. .	210
1. Total Mileage Open .. .	185	4. Letter-telegrams .. .	210
2. Lines Open for General Traffic .. .	185	5. Revenue and Expenditure .. .	210
C. TRAMWAYS.		6. Telegraph Density .. .	211
1. Systems in Operation .. .	185	§ 4. Overseas Cable and Radio Communication—	
2. New South Wales .. .	187	1. First Cable Communication with the Old World .. .	211
3. Victoria .. .	188	2. General Cable Services .. .	211
4. Queensland .. .	188	3. Merging of Cable and Wireless Interests .. .	211
5. South Australia .. .	189	4. Overseas Cable and Radio Business .. .	211
6. Western Australia .. .	189	5. Cable and Radio (Beam) Rates .. .	212
7. Tasmania .. .	190	§ 5. Telephones—	
8. Australia .. .	191	1. Telephone Services .. .	213
D. AIRCRAFT.		2. Revenue from Telephones .. .	216
1. Historical .. .	191	§ 6. Radio Telegraphy and Telephony .. .	216
2. Foundation of Civil Aviation Department .. .	191		
3. Activities of Civil Aviation Department .. .	191		

CHAPTER VII.—TRADE.

§ 1. Introductory—		§ 3. Trade Representatives—	
Constitutional Powers of the Commonwealth in regard to Commerce .. .	220	1. Oversea .. .	228
§ 2. Commonwealth Legislation Affecting Oversea Trade—		2. In Australia .. .	229
1. General .. .	220	§ 4. Method of Recording Imports and Exports—	
2. Customs Tariff 1921-1931 and Tariff Proposals 1932-1933 .. .	220	1. Value of Imports .. .	229
3. Primage Duty .. .	222	2. Value of Exports .. .	229
4. Preferential Tariff .. .	222	3. Customs Area .. .	230
5. Reciprocal Tariffs .. .	224	4. Statistical Classification of Imports and Exports .. .	230
6. Preferential Tariff of the United Kingdom .. .	225	5. The Trade Year .. .	230
7. Tariff Board Act .. .	226	6. Records of Past Years .. .	230
8. Customs Tariff (Industries Preservation) Act .. .	227	7. Ships' Stores .. .	230
9. Commerce (Trade Descriptions) Act .. .	227	§ 5. Oversea Trade—	
10. Acts passed in 1931 .. .	227	1. Total Oversea Trade .. .	231
11. Acts passed in 1932 .. .	228	2. Balance of Trade .. .	233
		3. Balance of Payments .. .	234

CHAPTER VII.—TRADE—*continued.*

	PAGE		PAGE
§ 6. Direction of Oversea Trade—		§ 8. Classified Summary of Australian Oversea Trade— <i>continued.</i>	
1. Imports according to Country of Origin	235	6. Exports of Merchandise, Specie, and Bullion	256
2. Percentage of Imports from Various Countries	235	7. Imports in Tariff Divisions	256
3. Direction of Exports	237	8. Imports and Net Customs Revenue	258
4. Percentage of Exports to Various Countries	238	§ 9. Ships' Stores	258
5. Balance of Trade with Principal Countries	239	§ 10. Movement of Specie and Bullion—	
6. Principal Imports and Exports—Countries	240	1. Imports and Exports	259
7. Imports—States	244	2. Imports and Exports by Countries	260
8. Exports—States	244	§ 11. Exports According to Industries—	
9. Trade of Principal Ports	245	1. Classification	260
§ 7. Trade with Eastern Countries—		2. Relative Importance of Industrial Groups	261
1. Principal Articles Exported	246	3. Australian Production and Exports according to Industry	261
2. Destination of Exports of Merchandise	246	§ 12. External Trade of Australia and Other Countries—	
3. Imports of Merchandise from Eastern Countries	251	1. Essentials of Comparisons	262
§ 8. Classified Summary of Australian Oversea Trade—		2. "Special Trade" of Various Countries	262
1. Imports	251	§ 13. Trade of the United Kingdom with Australia compared with that of Competing Countries	263
2. Exports	252	§ 14. Oversea Trade in Calendar Years	267
3. Imports of Principal Articles	254	§ 15. Excise	268
4. Exports of Principal Articles of Australian Produce	255	§ 16. Interstate Trade	269
5. Imports of Merchandise, Specie, and Bullion	256		

CHAPTER VIII.—EDUCATION.

§ 1. Evolution of Educational Systems in Australia—		§ 5. Universities—	
1. Educational Systems of the States .. 270		1. Origin and Development	277
2. Later Development in State Educational Systems	270	2. Teachers and Students	277
3. Australian Council for Educational Research	270	3. University Revenue	278
4. Imperial Educational Conference .. 270		4. University Expenditure	279
§ 2. State Schools—		5. University Extension	279
1. General	271	6. The Canberra University College .. 279	
2. Returns for Year	271	7. Workers' Educational Association .. 279	
3. Increase in Average Attendance .. 272		§ 6. Technical Education—	
4. Distribution of Educational Facilities	272	1. General	280
5. Teachers	273	2. Returns for Year 1931	280
6. Training Colleges	273	3. Expenditure on Technical Education .. 280	
7. Expenditure	273	§ 7. Business Colleges and Shorthand Schools .. 281	
8. School Savings Banks	275	§ 8. Diffusion of Education—	
§ 3. Private Schools—		1. General Education	281
1. Returns for Year	276	2. Education as shown by Marriage Registers	281
2. Growth of Private Schools	276	§ 9. Miscellaneous—	
3. Registration of Private Schools .. 276		1. Scientific Societies	281
§ 4. Free Kindergartens	277	2. Public Libraries	282
		3. Public Museums and Art Galleries .. 284	
		4. State Expenditure on Education, Science and Art	284

CHAPTER IX.—PUBLIC JUSTICE.

§ 1. Police—		§ 4. Prisons—	
1. General	285	1. Prison Accommodation and Prisoners	294
2. Strength of Police Force	285	2. Prisoners in Gaol	295
3. Duties of the Police	286	3. Improvement in Prison Methods .. 295	
4. Cost of Police Forces	286	§ 5. Civil Courts—	
5. Interstate Police Conferences 286		1. Lower Courts	296
§ 2. Lower (Magistrates') Courts—		2. Superior Courts	296
1. General	287	3. Divorces and Judicial Separations .. 297	
2. Powers of the Magistrates	287	4. Probates	297
3. Persons Charged at Magistrates' Courts	287	5. Bankruptcies	297
4. Convictions and Commitals	287	6. High Court of Australia	298
5. Convictions for Serious Crime 288		7. Commonwealth Court of Conciliation and Arbitration	299
6. Decrease in Serious Crime	289	§ 6. Cost of Administration of Justice—	
7. Drunkenness	289	1. Expenditure by the States	299
8. First Offenders	291	2. Federal Expenditure	300
9. Children's Courts	291		
10. Commitals to Superior Courts 291			
§ 3. Superior Courts—			
1. Convictions at Superior Courts .. 293			
2. Offences for which Convictions were Recorded at Superior Courts	293		
3. Habitual Offenders	294		
4. Capital Punishment	294		

CHAPTER X.—PUBLIC BENEVOLENCE.

	PAGE		PAGE
§ 1. Introductory	301	§ 2. The Larger Charities of Australia— <i>continued.</i>	
§ 2. The Larger Charities of Australia—		6. Care of the Feeble-minded ..	309
1. Public Hospitals (other than Hospitals for the Insane) ..	301	7. Protection of Aborigines ..	309
2. Benevolent and Destitute Asylums ..	303	8. Royal Life Saving Society ..	309
3. Orphanages, Industrial Schools, etc. ..	304	9. Royal Humane Society ..	309
4. Leper Hospitals ..	305	10. Other Charitable Institutions ..	310
5. Hospitals for the Insane ..	305	11. Total Expenditure on Charities ..	310

CHAPTER XI.—PUBLIC HYGIENE.

§ 1. Public Health Legislation and Administration	311	§ 5. Tropical Diseases— <i>continued.</i>	
§ 2. Inspection and Sale of Food and Drugs	311	3. Control of Introduced Malaria and Bilharziasis	315
§ 3. Supervision of Dairies, Milk Supply, Etc.—		4. Hookworm	315
1. General	311	5. Australian Institute of Tropical Medicine	315
2. Number of Dairy Premises Registered ..	311	6. School of Public Health and Tropical Medicine, Sydney University ..	315
§ 4. Prevention and Control of Infectious and Contagious Diseases—		7. Royal Commission on National Health, etc.	315
1. General	311	§ 6. Organization for the Control of Cancer ..	315
2. Quarantine	311	§ 7. Medical Inspection of School Children—	
3. Notifiable Diseases—		1. General	316
A. General	312	2. New South Wales	316
B. Venereal Diseases	313	3. Victoria	317
4. Vaccination	313	4. Queensland	318
5. Commonwealth Serum Laboratories ..	313	5. South Australia	319
6. Health Laboratories	314	6. Western Australia	319
7. Industrial Hygiene	314	7. Tasmania	319
8. Veterinary Hygiene and Plant Quarantine	314	8. Federal Capital Territory	320
§ 5. Tropical Diseases—		§ 8. Supervision and Care of Infant Life—	
1. General	314	1. General	320
2. Transmission of Disease by Mosquitoes	315	2. Government Activities	321
		3. Nursing Activities	321

CHAPTER XII.—DEFENCE.

§ 1. Military Defence—		§ 6. Remount Depot	330
1. State Systems	322	§ 7. Australian Contingents—	
2. Commonwealth System	322	1. General	330
§ 2. Naval Defence—		2. Australian Troops (Great War) ..	330
1. State Systems	326	§ 8. War Gratuity	330
2. The Present System	326	§ 9. Special Defence Legislation	330
§ 3. Air Defence—		§ 10. Repatriation—	
1. General	328	1. General	330
2. Establishment	328	2. War Pensions	331
3. Aerial Routes	328	3. Summary of Other Activities ..	332
4. Civil Aviation	328	4. Expenditure of Department of Repatriation	333
§ 4. Expenditure on Defence	328	5. Settlement of Soldiers on the Land ..	333
§ 5. Munitions Supply—		6. Conspectus of State Laws affecting Settlement of Returned Soldiers on the Land	335
1. General	329	§ 11. War Service Homes	335
2. Factories	329		

CHAPTER XIII.—THE TERRITORIES OF THE COMMONWEALTH.

GENERAL	336	THE NORTHERN TERRITORY— <i>continued.</i>	
THE NORTHERN TERRITORY.		§ 5. Production—	
§ 1. Area and Population—		1. Holdings	338
1. Introductory	336	2. Agriculture	338
2. Population	336	3. Pastoral Industry	338
§ 2. Legislation and Administration	337	4. Mining	339
§ 3. Physiography—		5. Pearl, Bêche-de-mer and Other Fisheries	339
1. Tropical Nature of the Country ..	337	§ 6. Land Tenure	339
2. Contour and Physical Characteristics ..	337	§ 7. Commerce and Shipping—	
§ 4. Climate, Fauna and Flora—		1. Trade	340
1. The Seasons	338	2. Shipping	340
2. Fauna	338	§ 8. Internal Communication—	
3. Flora	338	1. Railways	340
		2. Posts	341
		3. Telegraphs	341
		§ 9. Finance—	
		1. Revenue and Expenditure 1931-32 ..	341
		2. Northern Territory Debt	341

CHAPTER XIII.—THE TERRITORIES OF THE COMMONWEALTH—*continued.*

	PAGE		PAGE
THE FEDERAL CAPITAL TERRITORY.		THE TERRITORY OF NEW GUINEA.	
1. Introductory	342	§ 1. General Description	354
2. Transfer of Parliament	342	§ 2. Government—	
3. Administration	342	1. The Military Occupation	355
4. Progress of Work	342	2. Mandate	355
5. Forestry	343	3. New Guinea Act	355
6. Lands	343	4. Legislative Council	355
7. Railways	344	5. Establishment of Civil Government	355
8. Population	344	6. Expropriation	355
9. Live Stock	344	7. Departments and Districts	355
10. Educational Facilities	344	8. Statute Law	355
11. Finance	345	9. Reports to the League of Nations	355
NORFOLK ISLAND.		§ 3. Population—	
1. Area, Location, etc.	346	1. White Population	356
2. Settlement	346	2. Asiatic Population	356
3. Administration	347	3. Native Population	356
4. Population	347	§ 4. The Natives—	
5. Live Stock	347	1. General	356
6. Production, Trade, etc.	347	2. Land Tenure	357
7. Communication	347	3. Research Work	357
8. Social Condition	348	4. Education	357
9. Finances	348	5. Health of Natives	357
PAPUA.		6. Missions	358
§ 1. General Description—		§ 5. Land Policy—	
1. Early Administration	348	1. Acquisition of Land	358
2. Administration by Commonwealth of Australia	348	2. Land Policy of the Present Administration	358
3. Area, etc.	348	3. Registration of Titles	358
§ 2. Population	349	§ 6. Production—	
§ 3. Native Labour, Taxation, Health, Etc.—		1. General	358
1. Native Labour	349	2. Agriculture	358
2. Native Taxes	349	3. Live Stock	360
3. Care of Half-caste Children	349	4. Timber	360
4. Health	350	5. Fisheries	360
§ 4. Land Tenure—		6. Mining	360
1. Method of Obtaining Land	350	§ 7. Trade—	
2. Holdings	350	1. Total Trade	361
§ 5. Production—		2. Principal Items of Import	361
1. General	350	3. Principal Items of Export	362
2. Agriculture	350	4. Exports of Copra and Cocoa	362
3. Forestry	351	5. Banks	362
4. Live Stock	351	§ 8. Shipping and Communication—	
5. Fisheries	351	1. General	362
6. Mining	352	2. Oversea Tonnage in 1931—32	363
7. Water Power	352	3. Local Shipping	363
§ 6. Finance, Trade, Postal and Shipping—		4. Land Communication	363
1. Finance	352	5. Communication by Air	363
2. Trade	353	§ 9. Revenue and Expenditure—	
3. Shipping	353	1. Revenue	364
§ 7. Progress of Papua	354	2. Expenditure	364
CHAPTER XIV.—PUBLIC FINANCE.		NAURU.	
A. GENERAL 368		1. General	364
B. COMMONWEALTH FINANCE.		2. History	365
§ 1. General—		3. Administration	365
1. Financial Provisions of the Constitution	368	4. Population	365
2. Accounts of Commonwealth Government	368	5. Health	365
§ 2. Consolidated Revenue Fund—		6. Education	366
DIVISION I. NATURE OF FUND	370	7. Judiciary	366
DIVISION II. REVENUE.		8. Religion	366
1. General	370	9. Phosphate Deposits	366
2. Taxation	371	10. Trade	367
3. Business Undertakings	379	11. Revenue and Expenditure	367
4. Other Sources of Revenue	379	B. COMMONWEALTH FINANCE—<i>continued.</i>	
		§ 2. Consolidated Revenue Fund— <i>continued.</i>	
		DIVISION III. EXPENDITURE.	
		1. Nature of Commonwealth Expenditure 380	
		2. Details of Expenditure from Consolidated Revenue 380	
		DIVISION IV. PAYMENTS TO OR FOR THE STATES 388	
		§ 3. Trust Funds 388	

CHAPTER XIV.—PUBLIC FINANCE—*continued.*

	PAGE		PAGE
B. COMMONWEALTH FINANCE—<i>continued.</i>		C. STATE FINANCE.	
§ 4. Commonwealth Loan Funds and Public Debt—		§ 1. General—	
1. General	388	1. Functions of State Governments ..	408
2. Loans taken over from South Australia	388	2. Accounts of State Governments ..	408
3. Loan Fund for Public Works Redemptions, etc.	389	3. Inter-relation of Commonwealth and State Finances	408
4. Properties Transferred from States	390	§ 2. Consolidated Revenue Funds—	
5. War Loan from the Imperial Government	390	DIVISION I. REVENUE.	
6. Flotation of War Loans in Australia	390	1. General	408
7. Loan Raisings, 1931-32	390	2. Revenue Received	409
8. Public Debt for Commonwealth Purposes	391	3. Sources of Revenue	410
9. Sinking Funds	396	DIVISION II. EXPENDITURE.	
§ 5. Cost of War and Repatriation	396	1. General	416
§ 6. Old-age and Invalid Pensions—		2. Total Expenditure	417
1. General	397	3. Details of Expenditure	417
2. Old-age Pensions	398	DIVISION III. SURPLUS REVENUE. ..	418
3. Invalid Pensions	399	§ 3. State Trust Funds—	
4. Cost of Administration	400	1. Nature	419
5. Summary	400	2. Extent	419
§ 7. Maternity Allowance—		§ 4. State Loan Funds—	
1. General	400	DIVISION I. LOAN EXPENDITURE.	
2. Claims Paid in each State	401	1. General	419
§ 8. War Pensions—		2. Loan Expenditure, 1931-32	420
1. General	401	3. Loan Expenditure, Quinquennium ..	421
2. Number of Pensioners and Expenditure on War Pensions	402	4. Loan Expenditure, Financial Agreement Act	421
3. Cost of Administration	402	5. Total Loan Expenditure to 30th June, 1932	422
§ 9. Commonwealth Public Service Superannuation Fund	402	DIVISION II. STATE PUBLIC DEBTS.	
§ 10. Currency and Coinage—		1. General	422
1. Australian Mints	403	2. State Debts	423
2. Standard Weight and Fineness of Coinage	403	3. Place of Flotation of Loans	424
3. Gold Receipts and Issues	403	4. Rates of Interest	424
4. Price of Gold	404	5. Dates of Maturity	426
5. Silver and Bronze Coinage	405	6. Sinking Funds	427
6. Australian Note Issue	406	D. COMMONWEALTH AND STATE FINANCE.	
7. Legal Tender Extant	407	1. Revenue and Expenditure	428
		2. Taxation	429
		3. Public Debt	430
		4. The Australian Loan Council	434

CHAPTER XV.—PRIVATE FINANCE.

A. GENERAL	437	C. COMPANIES—<i>continued.</i>	
B. BANKING.		§ 4. Co-operative Societies—	
§ 1. Cheque-Paying Banks—		1. General	457
1. Banking Legislation	435	2. Liabilities and Assets	458
2. Presentation of Banking Statistics ..	435	D. INSURANCE.	
3. Banks in Operation—Capital Resources, etc.	435	§ 1. General	459
4. Commonwealth Bank	437	§ 2. Life Assurance—	
5. Other Cheque-paying Banks	440	1. General	461
6. All Cheque-paying Banks	441	2. Companies Transacting Business ..	461
7. Deposit Rates	445	3. Australian Business	461
8. Clearing House Returns	445	4. Receipts and Expenditure	461
9. Rates of Exchange	446	5. Liabilities and Assets	463
§ 2. Savings Banks—		6. New Policies issued in Australia ..	464
1. General	448	7. Policies discontinued in Australia ..	464
2. The Commonwealth Savings Bank ..	448	8. Conspectus of Australian Life Assurance Legislation	465
3. Recent Amalgamations	449	§ 3. Fire, Marine and General Insurance—	
4. Extension of Facilities	449	1. Australasian Companies	465
5. Classification of Depositors' Balances ..	449	2. Aggregate Australian Business ..	467
6. Number of Accounts	449	E. FRIENDLY SOCIETIES.	
7. Rates of Interest on Deposits	450	1. General	468
8. Statistical Returns	450	2. Number of Societies, Lodges and Members	468
9. All Savings Banks	451	3. Sickness and Death Returns	468
10. Commonwealth Savings Bank	452	4. Revenue and Expenditure	469
11. State Savings Banks	453	5. Funds	470
C. COMPANIES.		F. PROBATES.	
§ 1. General	455	1. Probates and Letters of Administration	470
§ 2. Trustees, Executors and Agency Companies ..	455	2. Intestate Estates	470
§ 3. Registered Building and Investment Societies—			
1. Summary	456		
2. Liabilities and Assets	456		

CHAPTER XV.—PRIVATE FINANCE—*continued.*

	PAGE
G. THE WEALTH OF AUSTRALIA, 1929.	
§ 1. Introductory—	
1. General	471
2. Basis of Estimate	471
3. Private Wealth	471
§ 2. Land and Improvements—	
1. Nature of Estimate	471
2. New South Wales	472
3. Victoria	473
4. Queensland	473
5. South Australia	474
6. Western Australia	475
7. Tasmania	476
8. Territories	476
9. Australia	476
§ 3. Live Stock—	
1. Numbers of Principal Classes	476
2. Basis of Valuation	477
3. Estimated Value of Principal Classes	477
4. Minor Classes	477
5. Total Values	478
§ 4. Agricultural, Dairying and Pastoral Implements and Machinery—	
1. Details Recorded	478
2. Estimate for Victoria	478
§ 5. Manufacturing Plant and Machinery .. 479	
§ 6. Mining Properties—	
1. Difficulties of Estimation	479
2. Value of Mining Plant and Machinery	480
3. Annual Value of Mineral Production	480
4. Earlier Estimates of Value of Mining Properties	480
5. Estimate for 1929	480
§ 7. Coin and Bullion—	
1. Location of Stocks	481
2. Holdings by Cheque-Paying Banks	481
3. Holding of Commonwealth Bank	481
4. Holding by the Mint	482
5. Coin in Circulation	482
6. Summary	482

	PAGE
G. THE WEALTH OF AUSTRALIA, 1929—<i>continued.</i>	
§ 8. Private Railways and Tramways—	
1. Private Railways	483
2. Private Tramways	483
3. Summary	483
§ 9. Shipping—	
1. Vessels on Australian Registers at 30th June, 1929	483
2. Average Value per Net Ton	484
3. Estimated Value	484
§ 10. Products of Local Industry—	
1. Agricultural and Pastoral	484
2. Local Manufactures	484
3. Mining Products	485
§ 11. Merchandise and Personal Effects—	
1. Imported Merchandise	485
2. Clothing and Personal Adornments	486
3. Furniture, Fittings, etc.	486
§ 12. Vehicles, Aircraft and Wireless—	
1. Motor Vehicles	487
2. Other Vehicles	487
3. Aircraft	488
4. Wireless Stations	488
§ 13. Summary of Private Wealth, 1929—	
1. Aggregate	489
2. Significance	490
§ 14. Earlier Inventory Estimates of Private Wealth in Australia—	
1. Estimates for 1890 and Earlier Years	490
2. Estimates for 1903 and Earlier Years	491
§ 15. Comparison of Earlier Estimates with Those for more Recent Dates—	
1. Aggregate Amounts	492

CHAPTER XVI.—MINERAL INDUSTRY.

§ 1. The Mineral Wealth of Australia—	
1. Place of Mining in Australian Development	495
2. Extent of Mineral Wealth	495
3. Quantity and Value of Production, year	495
4. Value of Production, Quinquennium	497
5. Total production	497
6. Decline in the Metalliferous Industry	498
7. Geophysical Methods for Detection of Ore Deposits	498
§ 2. Gold—	
1. Discovery in various States	498
2. Production at various Periods	498
3. Changes in Relative Positions of States as Gold Producers	499
4. Place of Australia in the World's Gold Production	499
5. Employment in Gold Mining	501
6. Bounty on Production	501

§ 3. Platinum and Platinoid Metals—	
1. Platinum	501
2. Osmium, Iridium, etc.	501
§ 4. Silver, Lead, and Zinc—	
1. Occurrence in each State	502
2. Production	502
3. World's Production	504
4. Prices of Silver, Lead, and Zinc	505
5. Employment in Silver, Lead, and Zinc Mining	505
§ 5. Copper—	
1. Production	505
2. Sources of Production	506
3. Prices	509
4. World's Production of Copper	509
5. Employment in Copper Mining	510

CHAPTER XVI.—MINERAL INDUSTRY—*continued.*

	PAGE		PAGE
§ 6. Tin—		§ 12. Oil Shale and Mineral Oil ..	523
1. Production	510	§ 13. Other Non-Metallic Minerals ..	524
2. Sources of Production	510	§ 14. Gems and Gemstones—	
3. World's Production	511	1. Diamonds	525
4. Prices	511	2. Sapphires	525
5. Employment in Tin Mining	512	3. Precious Opals	525
§ 7. Zinc—		4. Other Gems	525
1. Production	512	§ 15. Numbers Engaged, Wages Paid, and Acci-	
2. World's Production	513	 dents in Mining—	
3. Prices	513	1. Total Employment in Mining	526
§ 8. Iron—		2. Wages paid in Mining	527
1. General	513	3. Accidents in Mining	527
2. Production	513	§ 16. Government Aid to Mining—	
3. Iron and Steel Bounties	514	1. Commonwealth	528
4. World's Production of Iron and Steel	514	2. New South Wales	528
§ 9. Other Metallic Minerals	515	3. Victoria	529
§ 10. Coal—		4. Queensland	529
1. Production in each State	515	5. South Australia	529
2. Production per Employee	516	6. Western Australia	529
3. Distribution and Production of Coal	516	7. Tasmania	529
4. Production in various Countries	518	8. Northern Territory	529
5. Exports	519	§ 17. Metallic Contents of Ores, etc., Produced	
6. Consumption in Australia	520	 and Exported—	
7. Prices	521	1. Local Production	530
8. Prices in the United Kingdom	521	2. Metallic Contents of Ores, Concen-	530
9. Employment and Accidents in Coal	522	trates, etc., Exported	530
10. Mining	522	§ 18. Oversea Exports of Ores, Metals, etc. ..	531
§ 11. Coke	523		

CHAPTER XVII.—PASTORAL PRODUCTION.

§ 1. Initiation and Growth of Pastoral Industry—		§ 4. Sheep—	
1. Early Statistics	532	1. Initiation of the Pastoral Industry ..	546
2. Subsequent Statistics	532	2. Distribution throughout Australia ..	546
3. Increase in Live Stock	532	3. Proportion in the Several States ..	547
4. Fluctuations	532	and Territories	547
5. Live Stock in Relation to Popula- ..	533	4. Comparison with other Countries ..	547
tion	533	5. World's Totals	548
6. Live Stock in Relation to Area	533	6. Oversea Imports and Exports of ..	548
7. Minor Classes of Live Stock	533	Sheep	548
8. Net Exports of Principal Pastoral ..	533	7. Sheep Slaughtered	549
Products	533	8. Production and Consumption of ..	549
9. Value of Pastoral Production	535	Mutton and Lamb	549
10. Consumption of Meats	535	9. Exports of Frozen Mutton and ..	549
§ 2. Horses—		Lamb	549
1. Suitability of Australia for Horse- ..	536	10. Resolutions at Ottawa Conference ..	549
breeding	536	11. Imports of Frozen Mutton and Lamb ..	549
2. Distribution throughout Australia ..	536	into the United Kingdom	549
3. Proportions in the Several States ..	537	§ 5. Wool—	
and Territories	537	1. General	551
4. Relation to Population	537	2. Value	552
5. Comparison with other Countries ..	537	3. Greasy and Scoured Wool	552
6. World's Totals	538	4. Production	552
7. Oversea Trade in Horses	538	5. Care Needed in Comparing Clips ..	552
§ 3. Cattle—		6. World's Wool Production	553
1. Purposes for which Raised	539	7. Wool Locally Used	554
2. Distribution throughout Australia ..	539	8. Exports of Wool	555
3. Comparison with other Countries ..	540	9. Average Export Value	556
4. World's Totals	540	10. Average Market Value	556
5. Imports and Exports of Cattle	543	11. Exports and Local Sales of Wool ..	556
6. Cattle Slaughtered	543	12. The Wool Market	557
7. Production and Consumption of ..	543	13. United Kingdom Importation of ..	557
Beef	543	Wool	557
8. Export of Frozen Beef	543	14. Inquiry into Wool Industry	558
9. Agreements regarding Meat at the ..	544	§ 6. Trade in Hides and Skins—	
Ottawa Conference	544	1. Extent of Trade	559
10. Imports of Chilled and Frozen Beef ..	545	2. Sheepskins with Wool	559
into the United Kingdom	545	3. Sheepskins without Wool	559
		4. Hides	559
		5. Other Skins	560

CHAPTER XVIII.—AGRICULTURAL PRODUCTION.

	PAGE		PAGE
§ 1. Introductory	561	§ 12. Hay—	
§ 2. Progress of Agriculture—		1. General	589
1. Early Records	561	2. Comparison with Other Countries ..	591
2. Progress of Cultivation	561	3. Imports and Exports	591
3. Artificially-sown Grasses	562	4. Value of Hay Crop	592
§ 3. Distribution, Production, and Value of Crops—		§ 13. Green Forage—	
1. Distribution of Crops	562	1. Nature and Extent	592
2. Relative Areas of Crops in States and Territories	562	2. Value of Green Forage Crops	592
3. Area under Chief Crops, Australia ..	563	§ 14. Sugar-cane and Sugar-beet—	
4. Total and Average Production, Chief Crops, Australia	564	1. Sugar-cane	592
5. Average Production per Acre, Chief Crops, Australia	564	2. Sugar-beet	595
6. Gross Value of Agricultural Production, Australia	564	3. Sugar Bounties	596
7. Value of Production—Gross and Net ..	565	4. Sugar Purchase by Commonwealth Government	596
§ 4. Wheat—		5. Sugar Agreement—Embargo on Imports, etc.	596
1. Progress of Wheat-growing	566	6. Net Return for Sugar Crop	596
2. Australian and Foreign Wheat Yields	570	7. Imports and Exports of Sugar	597
3. Export Price of Wheat	572	8. Sugar By-products	597
4. Exports of Wheat and Flour	572	9. Sugar Prices	597
5. Exports—Principal Countries	573	§ 15. Vineyards—	
6. Imports—Principal Countries	575	1. Progress of Cultivation	598
7. Consumption of Wheat	576	2. Imports and Exports of Wine	599
8. Value of the Wheat Crop	577	3. Other Viticultural Products	600
9. Stocks of Wheat and Flour	577	4. Imports and Exports of Raisins and Currants	601
10. Voluntary Wheat Pools	577	5. Marketing of Raisins and Currants ..	602
§ 5. Oats—		6. Prices of Australian Raisins and Currants	602
1. Progress of Cultivation	577	§ 16. Orchards and Fruit Gardens—	
2. World's Production	579	1. Progress of Cultivation	602
3. Prices of Oats	579	2. Varieties of Crops	602
4. Imports and Exports	579	3. Principal Fruit Crops	604
5. Oatmeal, etc.	579	4. Imports and Exports of Fruit	605
6. Value of Oat Crop	579	§ 17. Minor Crops—	
§ 6. Maize—		1. General	606
1. States Growing Maize	580	2. Market Gardens	607
2. Progress of Cultivation	580	3. Grass Seed	607
3. World's Production	581	4. Tobacco	607
4. Price of Maize	581	5. Pumpkins and Melons	608
5. Oversea Imports and Exports	581	6. Hops	608
6. Maize Products	581	7. Flax	608
7. Value of Crop	582	8. Millet	609
§ 7. Barley—		9. Nurseries	609
1. Progress of Cultivation	582	10. Cotton	609
2. Comparison with other Countries ..	584	11. Coffee	610
3. World's Production	584	12. Other Crops	610
4. Prices	584	§ 18. Bounties	610
5. Imports and Exports	584	§ 19. Fertilizers—	
6. Imports and Exports of Malt	585	1. General	611
7. Value of Barley Crop	585	2. Fertilizers Acts	611
§ 8. Rice	585	3. Imports	612
§ 9. Other Grain and Pulse Crops	586	4. Exports	612
§ 10. Potatoes—		5. Quantities Locally Used	613
1. Progress of Cultivation	586	6. Local Production	614
2. Imports and Exports	588	§ 20. Ensilage—	
3. Value of Potato Crop	588	1. Government Assistance in Production	614
§ 11. Other Root and Tuber Crops—		2. Quantity Made	614
1. General	589	§ 21. Agricultural Colleges and Experimental Farms—	
2. Imports and Exports	589	1. General	614
CHAPTER XIX.—FARMYARD, DAIRY AND BEE PRODUCTS.			
§ 1. Introductory—		§ 2. Dairy Cattle and Dairy Products— <i>cont.</i>	
1. General	616	4. Condensed or Concentrated Milk ..	620
2. Official Supervision of Industry ..	616	5. Oversea Trade in Butter, Cheese, and Milk	620
3. Stabilization Scheme	616	6. Local Consumption of Butter and Cheese	621
4. Mixed Farming	617	§ 3. Pigs and Pig Products—	
5. Factory System	617	1. Pigs	621
6. Butter and Cheese Factories	617	2. Bacon and Ham	621
7. Ottawa Conference	618	3. Pork Consumption	621
§ 2. Dairy Cattle and Dairy Products—		4. Oversea Trade in Pig Products	621
1. Dairy Herds	618	§ 4. Total Dairy Production	622
2. Milk	618		
3. Butter and Cheese	619		

CHAPTER XIX.—FARMYARD, DAIRY AND BEE PRODUCTS—*continued.*

	PAGE		PAGE
§ 5. Poultry Farming—		§ 8. Exports of Australian Farmyard, Dairy and Bee Products ..	627
1. General	623		
2. Poultry Products	624	§ 9. British Imports of Dairy Products—	
3. Oversea Trade in Poultry Products ..	624	1. Quantities and Values	627
§ 6. Bee Farming—		2. Butter	628
1. General	625	3. Cheese	628
2. Production of Honey and Beeswax ..	625	4. Bacon and Ham	628
3. Oversea Trade in Bee Products ..	626	5. Pork	628
§ 7. Value of Farmyard, Dairy and Bee Products ..	626	6. Other Products	628

CHAPTER XX.—FORESTRY.

§ 1. General—		§ 6. Forestry Production—	
1. Objects of Forestry	629	1. Timber	635
2. Extent of Forests	629	2. Other Forest Products	636
3. Requisite Proportion of Forest Area ..	631	3. Value of Production	637
§ 2. Forestry Activities of the Commonwealth Government	631	§ 7. Commercial Uses of Principal Australian Timbers—	
§ 3. State Forestry Departments—		1. General	637
1. Functions	632	2. Lack of Uniformity in Nomenclature	637
2. Forest Reservations	632	§ 8. Oversea Trade—	
3. Sylvicultural Nurseries and Plantations	633	1. Imports	637
4. Revenue and Expenditure	633	2. Exports	638
§ 4. The Australian Forestry School	634	3. Classification of Imports and Exports	639
§ 5. Forest Congresses	634		

CHAPTER XXI.—FISHERIES.

§ 1. General—		§ 3. Oversea Trade in Fishery Products—	
1. Fish Stocks	642	1. Imports of Fish	646
2. Progress of Industry	642	2. Exports of Fish	647
3. Consumption of Fish	643	3. Exports of Pearl and Other Shell ..	647
4. Oyster Fisheries	643	§ 4. The Commonwealth Department of Fisheries	647
5. Pearl-shell, Pearls, Bêche-de-Mer, etc.	643		
§ 2. The Fishing Industry—		§ 5. Trawling in Australian Waters	647
1. Boats and Men Engaged, and Take ..	644		
2. Fish Preserving	645		
3. State Revenue from Fisheries	646		

CHAPTER XXII.—MANUFACTURING INDUSTRY.

§ 1. Number and Classification of Factories—		§ 6. Child Labour in Factories—	
1. Number of Factories in each State ..	648	1. Conditions of Child Labour	658
2. Classification of Factories, Australia ..	648	2. Average number of Children Employed	659
3. Classification of Factories, States ..	649	3. Percentage of Children on Total Number of Employees	659
§ 2. Classification of Factories according to Number of Employees—		4. Industries Employing Child Labour ..	660
1. States	649	5. Apprenticeship	660
2. Australia	650	§ 7. Salaries and Wages Paid and Value of Production—	
§ 3. Power Used in Factories—		1. General	661
1. States	651	2. Salaries and Wages Paid	661
2. Australia	651	3. Value of Power, Fuel and Light Used ..	665
3. Classes of Industry	652	4. Value of Materials Used	665
§ 4. Employment in Factories—		5. Total Value of Output	666
1. Total Number Employed	652	6. Value of Production	667
2. Rates of Increase	653	7. Value of Output and Cost of Production	669
3. Employees in Classes of Industry, Australia	654	§ 8. Value of Land, Buildings, Plant and Machinery—	
4. Employees in Classes of Industry, States	654	1. General	669
5. Employees According to Nature of Employment	655	2. Value of Land and Buildings	670
§ 5. Sex Distribution in Factories—		3. Value of Plant and Machinery	672
1. Employment of Females	656	§ 9. Individual Industries—	
2. Distribution of Employees according to Sex	656	1. General	673
3. Rate of Variation for each Sex	657	2. Tanning, Currying and Leather Dressing	674
4. Masculinity of Employees in Factories	657	3. Soap and Candle Factories	675
5. Employment of Females in Particular Industries	657	4. Saw Mills, etc.	676
		5. Agricultural Implement Works	677
		6. Engineering Works	678
		7. Smelting, Converting, Refining and Rolling of Iron and Steel	678
		8. Railway and Tramway Workshops ..	679

CHAPTER XXII.—MANUFACTURING INDUSTRY—*continued.*

	PAGE		PAGE
§ 9. Individual Industries—<i>continued.</i>		§ 9. Individual Industries—<i>continued.</i>	
9. Extracting and Refining of Other Metals and Alloys	680	20. Distilleries	689
10. Bacon-curing Factories	680	21. Tobacco, etc., Factories	689
11. Butter, Cheese, and Condensed Milk Factories	681	22. Woollen and Tweed Mills	690
12. Meat and Fish Preserving Works	682	23. Boot Factories	691
13. Bakeries	683	24. Tailoring, and Slop Clothing Factories	692
14. Jam and Fruit Preserving, Pickles, Sauces, and Vinegar Factories	683	25. Dressmaking and Millinery Establishments	693
15. Confectionery Factories	684	26. Printing and Binding Works	694
16. Grain Milling	685	27. Motor Vehicles and Cycles	695
17. Sugar Mills	686	28. Furniture and Cabinet Making and Billiard Table Making Factories	696
18. Sugar Refineries	687	29. Electric Light and Power Works	696
19. Breweries	687	30. Gas Works	696

CHAPTER XXIII.—WATER CONSERVATION AND IRRIGATION.

§ 1. Artesian Water—		§ 2. Irrigation—	
1. General	698	1. General	699
2. The Great Australian Artesian Basin	698	2. Areas Irrigated	700
3. The Western Australian Basins	698	3. Crops on Irrigated Areas	700
4. The Murray River Basin	698		
5. Plutonic or Meteoric Waters	699		
6. Artesian and Sub-Artesian Bores	699		

CHAPTER XXIV.—LABOUR, WAGES, AND PRICES.

A. PRICES.		B. WAGES—<i>continued.</i>	
§ 1. Wholesale Prices—		§ 3. The Basic Wage and Child Endowment in Australia—	
1. General	703	1. The Basic Wage	725
2. Index-numbers	703	2. Child Endowment	729
3. Revision of the Index	704	§ 4. Changes in Rates of Wage	730
§ 2. Retail Prices and House Rents—		C. EMPLOYMENT.	
1. Introduction	704	§ 1. Industrial Disputes—	
2. Index Numbers	704	1. General	730
3. Food and Housing: Six Capital Cities	705	2. Industrial Disputes involving Stoppage of Work, Classified in Industrial Groups	731
Retail Price Index-numbers in Terms of Currency	706	3. Industrial Disputes, Australia	732
5. Food and Housing, Thirty Towns	707	4. Summary of Disputes (involving Stoppage of Work)	734
§ 3. Variations in the Cost of Food, Groceries, Rent, Clothing and Miscellaneous Expenditure—		5. Particulars of Principal Disputes	737
1. General	708	6. Duration of Industrial Disputes	739
2. Methods Adopted	708	7. Causes of Industrial Disputes	739
3. Period Selected as Base	708	8. Results of Industrial Disputes	741
4. Variations in Cost in the Capital Cities	708	9. Methods of Settlement	741
§ 4. Retail Price Index-numbers, 200 Towns—		§ 2. Fluctuations in Employment—	
1. General	709	1. General	743
2. Detailed Results	709	2. Unemployment	743
		3. Seasonal Employment in Australia	745
		4. Special Legislation for the Relief of Unemployment	745
		§ 3. Apprenticeship	745
B. WAGES.		D. ASSOCIATIONS.	
§ 1. Operations under Wages Board and Industrial Arbitration Acts—		§ 1. Labour Organizations—	
1. General	714	1. Registration	745
2. Awards, Determinations, Industrial Agreements	714	2. Particulars regarding Trade Unions	746
3. Boards Authorized, Awards, etc., in Force	714	3. Central Labour Organizations	749
§ 2. Rates of Wage and Hours of Labour—		4. Laws relating to Conditions of Labour	750
1. General	715	§ 2. Employers' Associations—	
2. Weekly Rates of Wage	716	1. General	750
3. Relative Hours of Labour and Hourly Rates of Wage	719	2. Employers' Associations in each State	750
4. Weighted Average Nominal Weekly Hours of Labour, Adult Males	721	3. Employers' Associations in Industrial Groups	751
5. Nominal and Real Wages	722	4. Federations of Employers' Associations	751

CHAPTER XXV.—POPULATION.

	PAGE		PAGE
§ 1. Enumerations and Estimates ..	753	§ 11. Dwellings ..	776
§ 2. Accuracy of Estimates of Population ..	753	§ 12. Oversea Migration—	
§ 3. Census of 1933 ..	753	1. Oversea Migration during Present Century ..	779
§ 4. Censuses, 1881-1933—		2. Country of Embarkation and Destination ..	780
1. Census of 1933 ..	753	3. Nationality or Race ..	780
2. Increase since Census of 1881 ..	754	4. Classes of Arrivals and Departures ..	781
§ 5. Distribution and Fluctuation of Population—		§ 13. Immigration—	
1. Present Number ..	755	(A) THE ENCOURAGEMENT OF IMMIGRATION INTO AUSTRALIA.	
2. Growth and Distribution ..	755	1. Joint Commonwealth and States' Immigration Scheme ..	784
3. Mean Population ..	761	2. Assisted Passages ..	784
4. Area, Population, Masculinity, and Density—States ..	762	3. Results of Assisted Immigration ..	784
5. Urban and Rural Distribution ..	762	(B) THE REGULATION OF IMMIGRATION INTO AUSTRALIA.	
6. Metropolitan Population—Australia and other Countries ..	765	1. Powers and Legislation of the Commonwealth ..	785
7. Principal Urban Centres ..	766	2. Conditions of Immigration into Australia ..	785
§ 6. Elements of Increase—		3. Persons admitted without Dictation Test ..	786
1. Natural Increase ..	766	4. Departures of Persons of Non-European Races ..	786
2. Net Immigration ..	769	(C) PASSPORTS ..	787
3. Total Increase ..	770	§ 14. Naturalization—	
4. Rates of Increase ..	772	1. Commonwealth Legislation ..	787
§ 7. Seasonal Variations of Population—		2. Certificates granted ..	787
1. Variations in Natural Increase ..	772	§ 15. Population of Territories ..	788
2. Variations in Net Immigration ..	773	§ 16. The Aboriginal Population ..	788
§ 8. Influences affecting Increase and Distribution ..	773	§ 17. The Chinese in Australia ..	788
§ 9. Density—		§ 18. The Pacific Islanders in Australia ..	788
1. General ..	773		
2. Position of the British Empire ..	774		
§ 10. General Characteristics—			
1. Sex Distribution ..	775		
2. Age Distribution ..	775		
3. Race and Nationality; Education; Religions; Conjugal Condition; Occupations; Grade of Employment; Unemployment ..	776		

CHAPTER XXVI.—VITAL STATISTICS.

§ 1. Births—		§ 3. Deaths— <i>continued.</i>	
1. Births, 1932 ..	789	5. Infantile Deaths and Death Rates ..	811
2. Birth Rates ..	790	6. Deaths in Age Groups ..	816
3. Birth Rates of various Countries ..	791	7. Deaths at Single Ages and in Age Groups ..	817
4. Masculinity of Births ..	791	8. Deaths of Centenarians ..	817
5. Ex-nuptial Births ..	792	9. Length of Residence in Australia of Persons who died ..	819
6. Legitimations ..	799	10. Birthplaces of Persons who died ..	820
7. Multiple Births ..	799	11. Occupations of Males who died ..	820
8. Ages of Parents ..	800	12. Causes of Death ..	826
9. Birthplaces of Parents ..	800	13. Deaths from Specific Causes ..	826
10. Occupations of Fathers ..	801	14. Causes of Deaths in Classes ..	843
11. Mother's Age, Duration of Marriage, and Issue ..	802	15. Ages at Death of Married Males and Females, and Issue ..	845
12. Interval between Marriage and First Birth ..	804	16. Ages at Marriage of Deceased Males and Females, and Issue ..	846
13. Interval between Birth and Registration of Birth ..	805	17. Birthplaces of Deceased Married Males and Females, and Issue ..	846
§ 2. Marriages—		18. Occupations of Deceased Married Males, and Issue ..	847
1. Marriages, 1932 ..	805	§ 4. Australian Life Tables ..	847
2. Marriage Rates in various Countries ..	806	§ 5. Registration of Births, Deaths, and Marriages in the Territory for the Seat of Government ..	847
3. Ages and Conjugal Condition at Marriage ..	806	§ 6. Graphical Representation of Vital Statistics—	
4. Previous Conjugal Condition ..	808	1. General ..	848
5. Birthplaces of Persons Married ..	808	2. Graphs of Annual Births, Marriages, and Deaths ..	848
6. Occupations and Ages of Bridegrooms ..	808	3. Graphs of Annual Birth, Marriage, and Death Rates, and Rate of Natural Increase ..	848
7. Fertility of Marriages ..	809		
8. Celebration of Marriages ..	809		
§ 3. Deaths—			
1. Deaths, 1932 ..	810		
2. Crude Death Rates ..	810		
3. Index of Mortality ..	810		
4. Crude Death Rates of various Countries ..	811		

CHAPTER XXVII.—MISCELLANEOUS.

	PAGE		PAGE
§ 1. Patents, Trade Marks and Designs—		§ 6 Australian Institute of Anatomy—	
1. Patents	849	1. Foundation of Institute	853
2. Trade Marks and Designs	850	2. Additions to Original Collection	853
§ 2. Copyright—		3. Endowments for Orations and Lectures	853
1. Legislation	850	4. Ultimate Scope of the Institute	854
2. Applications and Registrations	851	§ 7. The Commonwealth Solar Observatory—	
§ 3. Local Option, and Reduction of Licences	851	1. Reasons for Foundation	854
§ 4. Lord Howe Island—		2. History of Inauguration	854
1. Area, Location, etc.	851	3. Site of Observatory	854
2. Settlement	851	4. Equipment	854
3. Population	852	5. Observational Work	855
4. Production, Trade, etc.	852	§ 8. Standards Association of Australia	855
§ 5. Commonwealth Council for Scientific and Industrial Research—		§ 9. Valuation of Australian Production—	
1. General	852	1. Value of Production	856
2. Science and Industry Research Act 1926	852	2. Productive Activity	857
3. Science and Industry Endowment Act 1926	852	§ 10. Film Censorship—	
4. Work of the Council	852	1. Legislation	859
		2. Imports of Films	860
		3. Export of Films	860
		§ 11. Marketing of Australian Commodities	860
		§ 12. National Safety Council of Australia	860
		§ 13. Antarctica	861
		§ 14. League of Nations	861

CHAPTER XXVIII.—STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION.

§ 1. General	862	§ 3. Selected list of One Hundred Representative Works dealing with Australia	863
§ 2. Statistical Publications of Australia—			
1. General	862		
2. Commonwealth Publications	862		
3. State Publications	863		

APPENDIX.

Chapter III.—General Government—		Chapter XIV.—Public Finance—	
§ 3. Administration and Legislation—		The Financial Crisis—	
2. (c) Lyons Government	867	1. General	884
Chapter VI.—Transport and Communication—		2. Elements of the Situation	885
(E) MOTOR VEHICLES—		3. Attempts to meet the Situation	885
5. Motor Vehicles Registered	868	4. Effects on Government Finance	891
Chapter VII.—Trade—		5. Present Position of Government Finance	891
§ 2. Commonwealth Legislation affecting Oversea Trade	868	6. The Adopted Plan	892
§ 5. Australian Balance of Payments—		(B) COMMONWEALTH FINANCE	897
1. General	873	(C) STATE FINANCE	897
2. The Balance of International Payments	873	Chapter XV.—Private Finance—	
3. The Balance of International Indebtedness	878	(B) BANKING	
4. Notes on Goods, Services and Gold Production	879	§ 1. Cheque-paying Banks—	
5. Notes on Capital Items	882	Average Liabilities and Assets	898
6. Short-cut Estimation	883	§ 2. Savings Banks—	
		Savings Bank Deposits	898
		Chapter XVI.—Mineral Industry—	
		§ 1. The Mineral Wealth of Australia—	
		3. Value of Production	899
		§ 12. Oil Shale and Mineral Oil	899
		Chapter XVIII.—Agricultural Production—	
		§ 4. Wheat—	
		7. Voluntary Wheat Pools	899
		Chapter XXIV.—Labour, Wages, and Prices—	
		(A) PRICES—	
		§ 2. Retail Prices and House Rents	901

STATISTICAL SUMMARY.

STATISTICAL SUMMARY, AUSTRALIA.

Heading.	Years.							
	1871.	1881.	1891.	1901.	1911.	1921.	1932.	
	1871-72.	1881-82.	1891-92.	1901-02.	1911-12.	1921-22.	1931-32.	
Population(a)	Males	928,918	1,247,059	1,736,617	2,004,836	2,382,232	2,798,727	3,356,142
	Females	771,970	1,059,677	1,504,368	1,820,077	2,191,554	2,710,340	3,248,375
	Total	1,700,888	2,306,736	3,240,985	3,824,913	4,573,786	5,509,073	6,604,517
Births	No.	63,625	80,004	110,187	102,945	122,193	136,198	110,933
	Rate	38.00	35.26	34.47	27.16	27.21	24.95	16.94
Deaths	No.	22,175	33,327	47,430	46,330	47,869	54,070	56,755
	Rate	13.24	14.69	14.84	12.22	10.66	9.91	8.66
Marriages	No.	11,623	17,244	23,862	27,753	39,482	46,869	43,634
	Rate	6.94	7.60	7.47	7.32	8.79	8.59	6.66
Agriculture—								
Wheat	Area, acs.	1,279,778	3,002,064	3,335,528	5,115,965	7,427,834	9,719,042	14,741,313
	Yld., bshl.	11,917,741	21,443,862	25,675,265	38,561,619	71,636,347	129,088,806	190,612,188
Oats	Area, acs.	225,492	194,816	246,129	461,430	616,794	733,406	1,085,489
	Yld., bshl.	4,251,630	4,795,897	5,726,256	9,789,854	9,561,833	12,147,433	15,194,680
Barley	Area, acs.	48,164	75,864	68,068	74,511	116,466	298,910	342,396
	Yld., bshl.	726,158	1,353,380	1,178,560	1,519,819	2,056,836	6,085,685	6,290,672
Maize	Area, acs.	142,078	165,777	284,428	294,849	340,065	305,186	269,448
	Yld., bshl.	4,576,635	5,726,266	9,261,922	7,034,786	8,939,855	7,840,438	7,062,383
Hay	Area, acs.	303,274	768,388	942,166	1,688,402	2,518,351	2,994,519	2,634,680
	Yld., tons	375,871	767,194	1,067,255	2,024,608	2,867,973	3,902,189	3,167,459
Potatoes(b)	Area, acs.	67,911	76,265	112,884	109,685	130,463	149,144	145,111
	Yld., tons	212,896	243,216	380,477	322,524	301,439	388,091	397,102
Sugar Cane(c)	Area, acs.	11,576	19,708	45,444	86,950	101,010	128,350	241,576
	Yld., tons	176,632	349,627	737,573	1,367,802	1,682,250	2,436,890	4,213,453
Vineyards	Area, acs.	16,253	14,570	48,882	63,677	66,602	92,414	112,961
	Wine, gal.	2,104,000	1,488,000	3,438,000	5,816,087	4,975,147	8,542,573	14,190,522
Total value all agricultural production £								
8,941,000 15,519,000 16,988,000 23,835,000 38,774,000 81,890,000 74,489,000								
Pastoral, dairying, etc.—								
Live Stock	Sheep No.	40,072,955	65,092,719	106,421,068	72,040,211	96,886,234	86,119,068	110,618,893
	Cattle "	4,277,288	8,010,991	11,112,112	8,491,428	11,828,954	14,441,309	12,260,955
	Horses "	701,530	1,088,029	1,584,737	1,620,429	2,278,226	2,438,182	1,775,550
(a)	Pigs	586,017	703,188	845,888	931,309	1,110,721	960,385	1,167,845
Wool prod., lb. (greasy)		179,000,000	322,759,000	631,587,000	543,131,661	721,298,288	721,678,346	1,006,630,847
Butter production	lb.	(d)	(d)	42,314,585	103,747,295	212,073,745	267,071,340	390,654,070
Cheese	"	(d)	(d)	10,130,945	11,845,153	15,886,712	33,653,003	31,422,973
Bacon and ham	"	(d)	(d)	16,771,886	34,020,629	53,335,092	58,626,469	71,121,740
Total estimated value of pastoral and dairying production £								
20,736,000 29,538,000 39,256,000 36,890,000 72,883,000 119,399,000 103,018,000								
Mineral production—								
Gold	£	7,916,627	5,194,390	5,281,861	14,017,538	10,551,624	4,018,685	5,211,802
Silver and lead	£	36,046	45,622	3,736,352	2,248,598	3,022,177	1,539,992	2,399,323
Copper	£	830,242	714,003	367,373	2,215,431	2,564,278	803,957	530,542
Tin	£	24,020	1,145,889	560,502	448,234	1,209,973	418,418	302,086
Zinc	£	369	200	2,979	4,067	1,415,169	283,455	155,928
Coal (Black)	£	330,510	637,865	1,912,353	2,602,733	3,927,360	10,983,757	5,693,224
Total value all mineral production £								
9,190,330 7,820,290 12,074,106 21,816,772 23,302,878 19,977,384 15,613,299								
Forestry production—								
Quantity of local timber sawn or hewn								
1,000 sup. ft.								
(d) (d) (d) 452,131 604,794 590,495 236,707								

(a) At 31st December.
(d) Information not available.
ended June.

(b) Partly estimated 1871 and 1881.

(c) Area of productive cane.
(e) Years ended December, except for last column which refers to year

STATISTICAL SUMMARY, AUSTRALIA—continued.

Heading.	Years.						
	1871.	1881.	1891.	1901.	1911.	1921-22.	1931-32.
Manufactories—							
No. of factories					14,455	18,023	21,657
Hands employed	No.				311,710	378,540	336,658
Wages paid	£				27,528,377	68,050,861	55,931,818
Value of production	£				51,259,004	121,674,119	110,981,830
Total value of output	£				133,022,004	320,331,765	281,045,785
Shipping—							
Oversea vessels	{ No.	2,748	3,284	3,778	4,028	4,174	3,057
ent. & cleared	{ ton.	1,312,642	2,549,364	4,726,307	6,541,991	9,984,801	11,395,784
Commerce—							
Imports oversea	£	17,017,000	29,067,000	37,711,000	42,434,000	66,967,488	103,066,436 (b)
per head	£	10/3/3	12/16/2	11/16/0	11/13/1	14/18/2	18/14/1
Exports oversea	£	21,725,000	27,528,000	36,043,000	49,696,000	79,482,258	127,846,535 (b)
per head	£	12/19/6	12/2/8	11/5/6	13/2/2	17/13/10	23/4/1
Total oversea trade	£	38,742,000	56,595,000	73,754,000	92,139,000	146,449,746	230,912,971 (b)
per head	£	23/2/9	24/18/10	23/1/6	24/6/1	32/12/0	41/18/2
Customs and excise duties	£	(c)	4,809,326	7,440,860	8,656,530	13,515,005	27,565,199
per head	£	(c)	2/2/5	2/6/7	2/5/8	2/19/2	5/0/1
Principal Oversea Exports (d)—							
Wool	{ lb. (greasy)	176,635,800	328,369,200	619,259,800	518,018,100	720,364,900	927,833,700
	{ cental	9,459,629	13,173,026	19,940,029	15,237,454	26,071,193	47,977,044
Wheat	{ tons	479,954	3,218,792	5,876,875	5,876,875	33,088,704	59,968,334
	{ tons	193,732	1,189,762	1,938,864	2,774,643	9,641,608	28,644,154
Flour	{ tons	12,988	49,549	33,363	96,814	175,891	359,734
	{ lb.	170,415	519,635	328,421	589,604	1,391,529	5,519,881
Butter	{ lb.	1,812,700	1,298,800	4,239,500	34,607,400	101,722,100	127,347,400
	{ £	45,813	39,383	206,868	1,451,168	4,637,362	7,968,078
Skins and hides	{ £	100,123	316,878	873,695	1,250,938	3,227,236	3,136,810
Tallow	{ £	914,278	644,149	571,069	677,745	1,935,836	1,441,795
Meats	{ £	566,780	362,965	460,894	2,611,244	4,303,159	5,542,102
Timber (undressed)	{ £	42,586	118,117	38,448	731,301	1,023,960	1,158,166
Gold	{ £	7,184,233	6,445,365	5,703,532	14,315,741	12,045,766	3,483,239
Silver and lead	{ £	37,891	57,954	1,932,278	2,250,253	3,212,584	2,697,130
Copper	{ £	598,538	676,515	417,687	1,619,145	2,345,951	705,358
Coal	{ £	134,355	361,081	645,972	986,957	900,622	1,099,899
Govt. Railways—							
Lgh. of line open, mls.		970	3,832	9,541	12,579	16,078	23,502
Capital cost	£	19,269,786	42,741,350	99,764,090	123,223,779	152,194,603	244,353,233
Gross revenue	£	1,102,650	3,910,122	8,654,085	11,038,468	17,847,837	38,104,630
Working expenses	£	608,332	2,141,735	5,630,182	7,133,617	10,945,727	29,817,970
Per cent. of working expenses on earnings	%	55.17	54.77	65.06	64.63	61.33	78.07
Postal—							
Letters and postcards dealt with	No.	24,382,000	67,640,000	157,297,000	220,853,000	453,063,000	561,973,105 (e)
per head	No.	14.54	29.61	49.07	58.26	100.90	102.01
Newspapers dealt with	No.	3,336,000	3,806,000	85,280,000	102,727,000	141,638,000	140,477,184
per head	No.	7.95	16.66	26.61	27.10	31.54	25.50
Cheque-paying Banks (f)—							
Note circulation	£	2,456,487	3,978,711	4,417,269	3,399,462	3,718,458 (g)	213,868
Coin & bullion held	£	6,168,869	9,108,243	16,712,923	19,780,528	33,470,770	21,626,832
Advances	£	26,039,573	57,732,824	129,741,583	86,352,832	108,578,774	193,435,760
Deposits	£	21,856,959	53,849,455	98,345,338	91,487,148	143,446,910	273,866,737 (h)
Savings Banks (j)—							
Total deposits	£	3,193,285	7,854,480	15,536,592	30,882,645	59,393,682	154,396,051
Aver. per head of population	£	1/18/9	3/10/5	4/18/7	8/3/0	13/8/5	28/0/4
						1921.	1931.
State Schools—							
Number of schools	No.	2,502	4,494	6,231	7,012	8,060	9,445
Teachers	No.	4,641	9,028	12,564	14,500	16,971	26,120
Enrolment	No.	236,710	432,320	561,153	638,478	638,850	819,042
Aver. attendance	No.	137,767	255,143	350,773	450,246	463,799	666,498

(a) Owing to variation in classification and lack of information effective comparison is impossible.
 (b) British currency values. The corresponding recorded values were Imports £44,712,868, and Exports £107,967,143.
 (c) Not available. (d) Australian produce, except gold, which includes re-exports.
 (e) Includes packets. (f) Figures for the first three years are averages for the December quarter; the remainder for the June quarter. (g) Decrease due to prohibition of re-issue. (h) Includes Commonwealth Savings Bank Deposits. (i) Government "Set off" accounts, Interstate (Commonwealth Bank) excluded. (j) First three years—at 31st December; remainder, 30th June.

CHRONOLOGICAL TABLE.

CHRONOLOGICAL TABLE OF CHIEF EVENTS SINCE THE ESTABLISHMENT OF SETTLEMENT IN AUSTRALIA.

NOTE.—The Government was centralized in Sydney, New South Wales, up to 1825, when Tasmania (Van Diemen's Land) was made a separate colony. In the Table, the names now borne by the States serve to indicate the localities.

Year.

- 1788 N.S.W.—Arrival of "First Fleet" at Botany Bay. Land in vicinity being found unsuitable for settlement, the expedition moved to Sydney Cove. Formal proclamation of colony on 7th February. Branch Settlement established at Norfolk Island. French navigator Lapérouse visited Botany Bay. First cultivation of wheat and barley. First grape vines planted.
- 1789 N.S.W.—First wheat harvest at Parramatta, near Sydney. Discovery of Hawkesbury River.
- 1790 N.S.W.—"Second Fleet" reached Port Jackson. Landing of the New South Wales Corps.
- 1791 N.S.W.—Arrival of "Third Fleet." Territorial seal brought by Governor King.
- 1792 N.S.W.—Visit of *Philadelphia*, first foreign trading vessel.
- 1793 N.S.W.—First free immigrants arrived in the *Bellona*. First Australian church opened at Sydney. Tas.—D'Entrecasteaux discovered the Derwent River.
- 1794 N.S.W.—Establishment of settlement at Hawkesbury River.
- 1795 N.S.W.—Erection of the first printing press at Sydney. Descendants of strayed cattle discovered at Cowpastures, Nepean River.
- 1796 N.S.W.—First Australian theatre opened at Sydney. Coal discovered by fishermen at Newcastle.
- 1797 N.S.W.—Introduction of merino sheep from Cape of Good Hope.
- 1798 Tas.—Insularity of Tasmania proved by voyage of Bass and Flinders.
- 1800 N.S.W.—First export of coal. First Customs House in Australia established at Sydney. Flinders' charts published.
- 1801 N.S.W.—First colonial manufacture of blankets and linen.
- 1802 Vic.—Discovery of Port Phillip by Lieut. Murray. S.A.—Discovery of Spencer's and St. Vincent Gulfs by Flinders. Q'land.—Discovery of Port Curtis and Port Bowen by Flinders.
- 1803 N.S.W.—First Australian wool taken to England by Capt. Macarthur. Issue of "The Sydney Gazette," first Australian newspaper. Vic.—Attempted settlement at Port Phillip by Collins. Discovery of Yarra by Grimes. Tas.—First settlement formed at Risdon by Lieut. Bowen.
- 1804 N.S.W.—Insurrection of convicts at Castle Hill. Vic.—Abandonment of settlement at Port Phillip. Tas.—Foundation of settlement at Hobart by Collins, and at Yorktown by Colonel Paterson.
- 1805 N.S.W.—First extensive sheep farm established at Camden by Capt. Macarthur. Portion of settlers from Norfolk Island transferred to Tasmania.
- 1806 N.S.W.—Shortage of provisions. Tas.—Settlement at Launceston.
- 1807 N.S.W.—Final transfer of convicts from Norfolk Island. First shipment of merchantable wool (245 lb.) to England.
- 1808 N.S.W.—Deposition of Governor Bligh.
- 1809 N.S.W.—Isaac Nichols appointed to supervise delivery of overseas letters.
- 1810 N.S.W.—Post-office officially established at Sydney, Isaac Nichols first postmaster. First race meeting in Australia at Hyde Park, Sydney. Tas.—First Tasmanian newspaper printed.
- 1813 N.S.W.—Passage across Blue Mountains discovered by Wentworth, Lawson, and Blaxland. Macquarie River discovered by Evans.
- 1814 N.S.W.—Flinders suggested the name "Australia," instead of "New Holland." Creation of Civil Courts.
- 1815 N.S.W.—First steam engine in Australia erected at Sydney. Lachlan River discovered by Evans. Tas.—Arrival of first immigrant ship with free settlers. First export of wheat to Sydney.

- Year.
- 1816 N.S.W.—Botanic Garden formed at Sydney.
- 1817 N.S.W.—Oxley's first exploration inland. Discovery of Lakes George and Bathurst and the Goulburn Plains by Meehan and Hume. First bank in Australia—Bank of New South Wales—opened at Sydney.
- 1818 N.S.W.—Liverpool Plains, and the Peel, Hastings, and Manning Rivers discovered by Oxley, and Port Essington by Captain King.
- 1819 N.S.W.—First Australian Savings Bank opened at Sydney.
- 1820 Tas.—First importation of pure merino sheep.
- 1821 Tas.—Establishment of penal settlement at Macquarie Harbour.
- 1823 N.S.W.—New South Wales Judicature Act passed. Discovery of gold at Fish River by Assistant-Surveyor McBrien. Qld.—Brisbane River discovered by Oxley.
- 1824 N.S.W.—Erection into Crown Colony. Executive Council formed. Establishment of Supreme Court at Sydney, and introduction of trial by jury. First Australian Enactment (Currency Bill) passed by the Legislative Council. Proclamation of freedom of the press. First manufacture of sugar. Vic.—Hume and Hovell, journeying overland from Sydney, arrived at Corio Bay. Qld.—Penal settlement founded at Moreton Bay (Brisbane). Fort Dundas Settlement formed at Melville Island, N. Terr.
- 1825 N.S.W.—Extension of western boundary to 129th meridian. Tas.—Separation of Van Diemen's Land (Tasmania). Qld.—Major Lockyer explored Brisbane River to its source, and discovered coal.
- 1826 N.S.W.—Settlement in Illawarra District. Vic.—Settlement at Corinella, Western Port, formed by Captain Wright.
- 1827 N.S.W.—Colony became self-supporting. Qld.—Darling Downs and the Condamine River discovered by Allan Cunningham. W.A.—Military Settlement founded at King George's Sound by Major Lockyer. First official claim of British Sovereignty over all Australia.
- 1828 N.S.W.—Second constitution. First Census. Sturt's expedition down Darling River. Cotton first grown in Sydney Botanical Gardens. Gas first used at Sydney. Richmond and Clarence Rivers discovered by Captain Rous. Vic.—Abandonment of settlement at Western Port. Qld.—Cunningham discovered a route from Brisbane to the Darling Downs, and explored Brisbane River.
- 1829 N.S.W.—Sturt's expedition down Murrumbidgee River. W.A.—Foundation of settlement at Swan River. Foundation of Perth.
- 1830 N.S.W.—Insurrection of convicts at Bathurst. Sturt, voyaging down Murrumbidgee and Murray Rivers, arrived at Lake Alexandrina. Tas.—Trouble with natives. Black line organized to force aborigines into Tasman's Peninsula, but failed. Between 1830 and 1835, however, George Robinson, by friendly suasion, succeeded in gathering the small remnant of aborigines (203) into settlement on Flinders Island.
- 1831 N.S.W.—Crown lands first disposed of by public competition. Mitchell's explorations north of Liverpool Plains. Arrival at Sydney of first steamer, *Sophia Jane*, from England. SS. *Surprise*, first steamship built in Australia, launched at Sydney. First coal shipped from Australian Agricultural Company's workings at Newcastle, N.S.W. First assisted immigration to N.S.W. S.A.—Wakefield's first colonization committee. W.A.—Appointment of Executive and Legislative Councils.
- 1832 N.S.W.—Savings Bank of N.S.W. established.
- 1833 N.S.W.—First School of Arts established at Sydney.
- 1834 N.S.W.—First settlement at Twofold Bay. Vic.—Settlement formed at Portland Bay by Henty Bros. Qld.—Leichhardt reached Gulf of Carpentaria. S.A.—Formation of the South Australian Association. W.A.—Severe reprisals against natives at Pinjarrah.
- 1835 Vic.—John Batman arrived at Port Phillip; made treaty with the natives for 600,000 acres of land; claim afterwards disallowed by Imperial Government. Foundation of Melbourne.

- Year.
- 1836 N.S.W.—Mitchell's overland journey from Sydney to Cape Northumberland. Vic.—Proclamation of Port Phillip district as open for settlement. S.A.—Settlement founded at Adelaide under Governor Hindmarsh.
- 1837 N.S.W.—Appointment in London of Select Committee on Transportation. Vic.—Melbourne named by Governor Bourke. First overlanders from Sydney arrived at Port Phillip.
- 1838 N.S.W.—Discontinuance of assignment of convicts. Qld.—Settlement of German missionaries at Brisbane. S.A.—“Overlanding” of cattle from Sydney to Adelaide along the Murray route by Hawden and Bonney. Settlement at Port Essington, Northern Territory, formed by Captain Bremer.
- 1839 N.S.W.—Gold found at Vale of Clwydd by Count Strzelecki. S.A.—Lake Torrens discovered by Eyre. Port Darwin discovered by Captain Stokes. W.A.—Murchison River discovered by Captain Grey.
- 1840 N.S.W.—Abolition of transportation to New South Wales. Land regulations—proceeds of sales to be applied to payment for public works and expenditure on immigration. Vic.—Determination of northern boundary. Qld.—Penal settlement broken up and Moreton Bay district thrown open. S.A.—Eyre began his overland journey from Adelaide to King George's Sound.
- 1841 N.S.W.—Gold found near Hartley by Rev. W. B. Clarke. W.A.—Completion of Eyre's overland journey from Adelaide to King George's Sound. Tas.—Renewal of transportation.
- 1842 N.S.W.—Incorporation of Sydney. Vic.—Incorporation of Melbourne. S.A.—Discovery of copper at Kapunda.
- 1843 N.S.W.—First Representative Constitution (under Act of 1842). First Manufacture of tweed. Qld.—Moreton Bay granted legislative representation.
- 1844 S.A.—Sturt's last expedition inland. Qld.—Leichhardt's expedition from Condamine River to Port Essington.
- 1845 N.S.W.—Mitchell's explorations on the Barcoo. Qld.—Explorations by Mitchell and Kennedy. S.A.—Discovery of the Burra copper deposits. Sturt discovered Cooper's Creek.
- 1846 N.S.W.—Initiation of meat preserving. Qld.—Foundation of settlement at Port Curtis. S.A.—Proclamation of North Australia. W.A.—Foundation of New Norcia (Benedictine) Mission.
- 1847 N.S.W.—Iron smelting commenced near Berrima. Overland mail established between Sydney and Adelaide. Vic.—Melbourne created a City. Qld.—Explorations by Leichhardt, Burnett, and Kennedy.
- 1848 Qld.—Leichhardt's last journey. Kennedy speared by the blacks at York Peninsula. Chinese brought in as shepherds.
- 1849 N.S.W.—Indignation of colonists at arrival of convict ship *Hashemy*. Exodus of population to goldfields of California. Vic.—*Randolph* prevented from landing convicts. Qld.—Assignment of convicts per *Hashemy* to squatters on Darling Downs. W.A.—Commencement of transportation to Western Australia.
- 1850 N.S.W.—Final abolition of transportation. First sod of first Australian railway turned at Sydney. Vic.—Gold discovered at Clunes by Hon. W. Campbell. Representative government granted. S.A.—Representative government granted. W.A.—Pearl oysters found by Lieut. Helpman at Saturday Island Shoal. Tas.—Representative government granted. Sydney University founded.
- 1851 N.S.W.—Payable gold discovered by Hargraves at Lewis Ponds and Summerhill Creek. Telegraph first used. Vic.—Separation of Port Phillip—erected into independent colony under the name of Victoria. Discovery of gold in various localities. “Black Thursday,” 6th Feb., a day of intense heat. W.A.—Proclamation of Legislative Council Act.
- 1852 N.S.W.—Arrival of the *Chusan*, first P. and O. mail steamer from England. S.A.—First steamer ascends the Murray River to the junction with the Darling. Tas.—Meeting of first elective Council protests against transportation. Payable gold discovered at The Nook, near Fingal, and at Nine Mile Springs.

- Year.
- 1853 Tas.—Abolition of transportation. Vic.—Melbourne University founded.
- 1854 Vic.—Opening of first Victorian railway—Flinders-street to Port Melbourne. Riots on Ballarat gold-fields. Storming of the Eureka Stockade, 3rd Dec.
- 1855 N.S.W.—Opening of railway—Sydney to Parramatta. Mint opened. Gregory's expedition in search of Leichhardt.
- 1856 N.S.W.—Pitcairn Islanders placed on Norfolk Island. W.A.—A. C. Gregory's expedition in search of Leichhardt.
Responsible Government in N.S.W., Vic., S.A., and Tas. (Act of 1855).
- 1857 N.S.W.—Wreck of the *Dunbar* (119 lives lost), and *Catherine Adamson* (21 lives lost), at Sydney Heads. Select Committee on Federation. Vic.—Manhood suffrage and vote by ballot. S.A.—Passage of Torrens' Real Property Act.
- 1858 N.S.W.—Establishment of manhood suffrage and vote by ballot. Telegraphic communication between Sydney, Melbourne, and Adelaide. Qld.—Cancona gold rush.
- 1859 Qld.—Proclamation of Queensland as separate colony. Tas.—First submarine cable, via Circular Head and King Island to Cape Otway.
- 1860 Vic.—Burke and Wills left Melbourne and crossed to Gulf of Carpentaria. S.A.—Copper discoveries at Wallaroo and Moonta. McDouall Stuart reached centre of continent and named "Central Mount Stuart."
- 1861 N.S.W.—Anti-Chinese riots at Lambing Flat and Burrangong gold-fields. Opening of first tramway in Sydney. Regulation of Chinese immigration. Vic.—Burke and Wills perished at Cooper's Creek, near Innamincka, S.A.
- 1862 N.S.W.—Abolition of State aid to religion. Real Property Act. S.A.—Stuart crossed the Continent from south to north. W.A.—First export of pearl-shell.
- 1863 Vic.—Intercolonial Conference at Melbourne. S.A.—Northern Territory taken over. W.A.—Initiation of settlement in the North-west district. Henry Maxwell Lefroy discovered and traversed area now comprised in the Coolgardie-Kalgoorlie gold-field.
- 1864 Qld.—First railway begun and opened. First sugar made from Queensland cane. Tas.—First successful shipment of English salmon ova.
- 1865 N.S.W.—Destruction by fire of St. Mary's Cathedral, Sydney.
- 1866 N.S.W.—Passage of Public Schools Act of (Sir) Henry Parkes. S.A.—Introduction of camels for exploration, etc.
- 1867 Vic.—Imposition of protective tariff. Qld.—Discovery of gold at Gympie.
- 1868 N.S.W.—Attempted assassination of the Duke of Edinburgh at Clontarf, near Sydney. W.A.—Arrival of the *Hougomont*, last convict ship. Tas.—First sod of first railway (Launceston and Western) turned by Duke of Edinburgh.
- 1869 W.A.—First telegraph line opened from Perth to Fremantle.
- 1870 N.S.W.—Intercolonial Exhibition opened at Sydney. Imperial troops withdrawn. Vic.—Intercolonial Congress at Melbourne. S.A.—Commencement of trans-continental telegraph.
- 1871 N.S.W.—Permanent military force raised. W.A.—Passage of Elementary Education Act. Forrest's explorations. Tas.—Discovery of tin at Mount Bischoff. Launceston-Western railway opened for traffic.
- 1872 N.S.W.—International Exhibition at Sydney. Vic.—Mint opened. S.A.—Cable from Java to Port Darwin. Completion of transcontinental telegraph line.
- 1873 N.S.W.—Intercolonial Conference at Sydney. First volunteer encampment. Inauguration of mail service with San Francisco.
- 1874 N.S.W.—Triennial Parliaments Act passed. Intercolonial Conference. W.A.—John and Alexander Forrest arrived at Overland Telegraph from Murchison. S.A.—University of Adelaide founded.
- 1875 Qld.—Transfer of Port Albany Settlement to Thursday Island.
- 1876 N.S.W.—Completion of cable—Sydney (La Perouse) to Wellington (Wakapuaka). W.A.—Giles crosses colony from east to west. Tas.—Death of Truganini, last representative of Tasmanian aborigines.
- 1877 W.A.—Opening of telegraphic communication with South Australia.

Year.

- 1878 Qld.—Restriction of Chinese immigration.
Introduction of telephone into Australia.
- 1879 N.S.W.—First artesian bore at Killara. International Exhibition at Garden Palace, Sydney. First steam tramway. W.A.—A. Forrest's explorations in the Kimberley district, and discovery of the Fitzroy pastoral country.
- 1880 N.S.W.—Public Instruction Act passed. Vic.—Opening of first Victorian International Exhibition at Melbourne. First Australian Telephone Exchange opened in Melbourne.
Federal Conference at Melbourne and Sydney.
- 1881 N.S.W.—Further restrictions on Chinese immigration.
Visit to Australia of T.R.H. Prince Albert Victor and Prince George.
- 1882 N.S.W.—Garden Palace destroyed by fire. W.A.—Nugget of gold found between Roebourne and Cossack.
- 1883 N.S.W.—Discovery of silver at Broken Hill. Completion of railway between New South Wales and Victoria. Qld.—Annexation of New Guinea—repudiated by Imperial authorities.
Federal Conference held at Sydney. Federal Council created.
- 1884 Federation Bill passed in Victoria and rejected in New South Wales. British protectorate declared over New Guinea.
- 1885 N.S.W.—Military contingent sent to the Sudan. Opening of the Broken Hill Proprietary Silver Mines. W.A.—Gold found by prospectors on the Margaret and Ord Rivers in the Kimberley district. Tas.—Silver-lead discovered at Mount Zeehan.
1886. Tas.—Discovery of gold and copper at Mount Lyell.
First session of Federal Council met at Hobart on the 26th January.
- 1887 N.S.W.—Disaster at Bulli coal mine (81 lives lost). Peat's Ferry (Hawkesbury River) railway accident. S.A.—International Exhibition at Adelaide. W.A.—Cyclone destroyed nearly the whole pearling fleet off the Ninety-Mile Beach—200 lives lost. Gold discovered at Southern Cross.
First "Colonial" Conference in London. Australasian Naval Defence Force Act passed.
- 1888 N.S.W.—Centennial celebrations. Restrictive legislation against Chinese, imposing poll-tax of £100. Vic.—Second Victorian International Exhibition held at Melbourne. Qld.—Railway communication opened between Sydney and Brisbane.
Conference of Australian Ministers at Sydney to consider question of Chinese immigration. First meeting of the Australasian Association for the Advancement of Science held in Sydney.
- 1889 Qld.—Direct railway communication established between Brisbane and Adelaide. W.A.—Framing of new Constitution. Tas.—University of Tasmania founded.
- 1890 W.A.—Responsible Government granted.
Meeting at Melbourne of Australasian Federation Conference.
- 1891 N.S.W.—Election to Legislative Assembly of 35 Labour members. Arrival of Australian Auxiliary Squadron. Cessation of assisted immigration. W.A.—Discovery of gold on the Murchison.
First Federal Convention in Sydney: draft bill framed and adopted.
- 1892 W.A.—Discovery of gold by Messrs. Bayley and Förd at Coolgardie.
- 1893 N.S.W.—Departure by the *Royal Tar* of colonists for "New Australia."
Financial crisis, chiefly affecting the eastern States.
- 1895 N.S.W.—Free-trade tariff. Land and income taxes introduced.
Conference of Premiers on Federation at Hobart.
- 1896 N.S.W.—People's Federal Convention at Bathurst.
- 1897-8 Sessions of Federal Convention at Adelaide, Sydney, and Melbourne.
- 1898 N.S.W.—First surplus of wheat for export.
Draft Federal Constitution Bill submitted to electors in Victoria, New South Wales, South Australia, and Tasmania. Requisite statutory number of votes not obtained in New South Wales.

- Year.
- 1899 First contingent of Australian troops sent to South Africa. Conference of Premiers in Melbourne to consider amendments to Federal Constitution Bill. Referendum—Bill accepted by New South Wales, Victoria, Queensland, South Australia, and Tasmania. First Labour Government (Queensland).
- 1900 N.S.W.—Old-age pensions instituted.
 • Contingents of naval troops sent to China. Commonwealth Constitution Act received Royal Assent, 9th July. Proclamation of Commonwealth signed, 17th September. Mr. (afterwards Sir) Edmund Barton formed first Federal Ministry.
- 1901 Vic.—Old-age pensions instituted.
 Proclamation of the Commonwealth at Sydney. First Federal Parliament opened at Melbourne by the Duke of Cornwall and York. Interstate freetrade established.
- 1902 N.S.W.—Disastrous explosion at Mount Kembla Colliery—95 lives lost. W.A.—Opening of pumping station at Northam in connexion with Gold-fields water supply. Completion of Pacific Cable (all-British).
 First Federal Tariff.
- 1903 W.A.—Coolgardie and Kalgoorlie Water Supply Scheme completed.
 Inauguration of the Federal High Court.
- 1905 N.S.W.—Re-introduction of assisted immigration.
- 1906 Wireless telegraphy installed between Queenscliff, Vic., and Devonport, Tas. Papua taken over by Commonwealth.
- 1907 N.S.W.—Telephone, Sydney to Melbourne, opened. First telephone trunk line service between Capital Cities, i.e., Sydney and Melbourne.
 Imperial Conference in London.
- 1908 Canberra chosen as site of Federal Capital. Visit of U.S.A. fleet to Australia.
- 1909 Imperial Defence Conference in London—Commonwealth ordered two destroyers and one first-class cruiser for fleet unit. Visit of Lord Kitchener to report and advise on Commonwealth military defence. Loss of the *Waratah* with 300 passengers and crew. Queensland University founded.
- 1910 Referendum on financial relations between the Commonwealth and the States. Penny Postage. Arrival of the *Yarra* and *Parramatta*, first vessels of Australian navy. Australian Notes Act passed and first Commonwealth notes issued. Admiral Sir R. Henderson visited Australia to advise on naval defence.
- 1911 First Federal Census. Transfer of Northern Territory to Commonwealth. Introduction of compulsory military training. Launch of Commonwealth destroyer *Warrego* at Sydney. Establishment of penny postage to all parts of British Empire. University of Western Australia founded.
- 1912 Opening of Commonwealth Bank. First payments of Maternity Bonus. First sod turned at Port Augusta of Trans-Australian Railway (Port Augusta to Kalgoorlie).
- 1913 Arrival of battle cruiser *Australia*, and cruisers *Melbourne* and *Sydney*. Federal Capital named Canberra and foundation stone laid. Appointment of Interstate Commission.
- 1914 Visit of General Sir Ian Hamilton to report on military defence scheme. Double dissolution of Federal Parliament. Visit of British Association for the Advancement of Science.
 European War declared 4th August. Australian Navy transferred to British Navy. Australian offer to equip and furnish 20,000 troops accepted. German possessions in South-West Pacific seized by Australian Naval and Military Expeditionary Force. German cruiser *Emden* destroyed by H.M.A.S. *Sydney* at Cocos Islands, 9th November. First contingent landed in Egypt. Australian and New Zealand Army Corps (A.N.Z.A.C.) formed under Sir William Birdwood.

Year.

- 1915 Opening of Broken Hill Proprietary's Ironworks at Newcastle, N.S.W. Navy Department created.
 Australian and New Zealand troops landed at Gallipoli, 25th April. Battle of Sari Bair (Lone Pine), 6th-10th August. Evacuation, 18th-20th December. Australian warships with Grand Fleet, in Atlantic, Malaysia, and elsewhere overseas during remainder of war.
- 1916 Record wheat harvest (180,000,000 bushels). Purchase of steamships by the Commonwealth.
 Australian and New Zealand mounted troops organized in mounted divisions and camel corps, operating thereafter in Egypt, Palestine, and Syria. Battle of Romani, 4th August. Other troops with reinforcements organized as four infantry divisions (1st, 2nd, 4th, and 5th) with some other units, and transferred to France. Fromelles, 19th July; the Somme, 1st July-18th November (Pozières, Mouquet Farm, Flers). 3rd Division, formed in Australia, landed in France. First proposal for compulsory military service defeated by referendum.
- 1917 National Ministry formed. Kalgoorlie-Port Augusta railway completed.
 German withdrawal from Somme; Arras offensive (Bullecourt, 11th April and 3rd May); Messines, 7th June; Third Battle of Ypres, 1st July-10th November (Menin Road, Polygon Wood, Broodseinde, Passchendaele). Palestine-Gaza, 26th March, 19th April, 31st October (Beersheba). Australian Flying Corps operating with R.F.C. in Palestine and France. Second proposal for compulsory military service defeated by referendum.
- 1918 Population of Australia reaches 5,000,000. Australia House (Strand, London) opened by the King.
 Five Australian divisions in France formed into army corps, 1st January. Sir William Birdwood succeeded by Sir John Monash, 30th May. Defensive campaign on Somme, 21st March-25th April, Dernancourt, Villers-Bretonneux; Battles of the Lys, 9th-29th April (Hazebrouck); Hamel, 4th July; Battle of Amiens, 8th August; Mont St. Quentin, 31st August; Hindenburg Line, 18th September-5th October. Palestine-Megiddo, 19th September; Damascus, 1st October. Armistice with Germany, 11th November. Repatriation Department created.
- 1919 Mr. Hughes and Mr. Cook represented Australia at Peace Conference. Return of Australian troops. Aerial flight England to Australia by Capt. Sir Ross Smith and Lieut. Sir Keith Smith. Visit to Australia of General Sir W. Birdwood. Visit of Admiral Lord Jellicoe.
- 1920 Visit to Australia of H.R.H. the Prince of Wales. Wholesale prices rose to more than double the 1914 level.
- 1921 Second Commonwealth Census. Germany's indemnity fixed (Australia's share approximately £63,000,000). Mandate given to Australia over Territory of New Guinea. First direct wireless press message, England to Australia.
- 1922 First lock on River Murray opened at Blanchetown, South Australia. Queensland Legislative Council abolished.
- 1923 First sod, site of Federal Parliament House at Canberra, turned.
- 1924 H.M.A.S. *Australia* sunk. Visit of British cruiser squadron. Directorate of Commonwealth Bank appointed. Loan by British Government of £34,000,000 for Imperial migration and development. Australian Loan Council formed.
- 1925 Visit of American fleet. Solar Observatory established at Canberra. Brisbane-Kyogle railway commenced. North Shore (Sydney) Bridge commenced.
- 1926 Population of Australia reached 6,000,000. Council for Scientific and Industrial Research established. Imperial Conference. Dominion Status defined; "Paterson" butter marketing plan came into operation.

Year.

- 1927 Transfer of Seat of Federal Government from Melbourne to Canberra. New Parliament House opened by H.R.H. the Duke of York. Beam Wireless established.
- 1928 Aerial flights from England to Australia by Mr. Bert Hinkler (solo); from America to Australia, and from Australia to New Zealand and return by Messrs. Kingsford Smith and Ulm. Visit of British Economic Mission to report on the development of Australian resources. Financial agreement of Commonwealth and States; Loan Council reconstituted; State debts to be taken over; Referendum carried, November.
- 1929 Arrival of H.M.A.S. *Canberra*. Beginning of fall in export prices. Commonwealth Bank empowered to mobilize gold reserves. Substantial export of gold reserves towards end of year. Number of telephones connected in Commonwealth reached 500,000.
- 1930 Wireless phone service with other countries inaugurated. Miss Amy Johnson, first woman to fly solo from United Kingdom to Australia. East to west Trans-Atlantic flight of Capt. Kingsford Smith and an international crew in "Southern Cross" plane. Export prices fell to half 1928 level. Cessation of overseas loans. Tariff embargoes and rationing of imports. Visit of Sir Otto Niemeyer, of Bank of England, to discuss financial questions. Heavy export of gold reserves. Exchange Pool formed. £28,000,000 Conversion Loan fully subscribed. Gold bonus granted. Net emigration of 11,408. Government deficits total nearly £11,000,000. First Australian—Right Hon. Sir Isaac Alfred Isaacs, P.C., G.C.M.G., Chief Justice of the High Court—appointed Governor-General of the Commonwealth. Telephone trunk line service established between Adelaide and Perth linking up the whole of the mainland States by telephone.
- 1931 Depression continues; Australia substantially off gold standard with exchange rate at 130 in January; 10 per cent. cut in Federal basic wage. First experimental air mail England to Australia and return. New South Wales Savings Bank suspension and subsequent absorption by Commonwealth Bank. Postponement of sinking fund payments on war debt to British Government for two years. Initiation of Premiers' Conference plan to meet the financial situation, i.e., by conversion of internal loans at lower interest rates, economy in governmental expenditure, etc.; bank deposit rates lowered. Commonwealth Bank Act amended to provide for temporary lower reserve against notes; substantial export of gold reserves. Hoover Moratorium on War Debts. England departs from gold standard in September; depreciation of Australian £1 on sterling continued. Wheat bounty granted. Commonwealth Bank assumes control of exchange rate and lowers it to 125. Net emigration of 12,061. Government deficits total £25,500,000, 1930-31. Death of General Sir John Monash.
- 1932 Sydney Harbour Bridge opened. Australian Broadcasting Commission established. New South Wales Government default in interest payments made good by Commonwealth Government; conflict of Commonwealth and New South Wales governments. Lang Ministry dismissed in New South Wales. Emergency restrictions on imports relaxed. Power taken to hold note reserve in sterling securities, and subsequent shipping of gold, to the United Kingdom. Governmental economy and wage reductions in New South Wales. Imperial Economic Conference at Ottawa, with consequential tariff agreements. Sugar Agreement modified. Taxation reductions and assistance to wheat-growers. Substantial fall in net emigration. Government deficits reduced to £19,500,000 for 1931-32. Strike in Textile Industry.
- 1933 Third Commonwealth Census. Imperial Air-mail "Astraea" arrived. World Economic Conference in London. Rt. Honorable S. M. Bruce appointed High Commissioner for Australia in London. Australia elected as Member of League of Nations. Secession Referendum (Western Australia). Referendum for reduction and limitation of number of members of Legislative Council (New South Wales). Disarmament Conference in London.