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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
CANBERRA.

OFFICIAL

YEAR BOOK

OF THE

COMMONWEALTH OF AUSTRALIA

No. 28.—1935.

Prepared under Instructions from
The Honorable the Treasurer,

BY

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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-eighth Official Year Book issued under the authority of the Commonwealth Government.

The synopsis on pp. vii to xx 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 XVI. Public Finance—Debts of States and Municipal and Semi-Governmental Bodies.
- Chapter XVII. Population—Incorporation of details relating to the general characteristics of the Australian people as disclosed by the recent Census.
- Chapter XXVIII. Miscellaneous—Valuation of Australian production on lines defined by the Conference of Statisticians in 1924. Revision of data relating to the marketing of Australian commodities.

All rates, etc., based on the mean population in the various chapters of this volume have been revised in accordance with the results of the Census of the 30th June, 1933.

Later information which has come to hand since the various Chapters were sent to press has been incorporated in the Appendix (pp. 905 to 929).

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.

I wish to express my keen appreciation of the valuable work performed by Mr. J. Barry, 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.

CONTENTS.

CHAPTER.	SUBJECT.	PAGE.
	STATISTICAL SUMMARY, 1881-1934	xxi
	CHRONOLOGICAL TABLE OF CHIEF EVENTS	xxiii
I.	DISCOVERY, COLONIZATION, AND FEDERATION OF AUSTRALIA ..	1
II.	PHYSIOGRAPHY	34
III.	GENERAL GOVERNMENT	63
IV.	LOCAL GOVERNMENT	80
V.	LAND TENURE AND SETTLEMENT	113
VI.	TRANSPORT AND COMMUNICATION	142
VII.	TRADE	228
VIII.	EDUCATION	285
IX.	PUBLIC JUSTICE	301
X.	PUBLIC BENEVOLENCE	318
XI.	PUBLIC HYGIENE	328
XII.	DEFENCE	338
XIII.	REPATRIATION	347
XIV.	LABOUR, WAGES AND PRICES	351
XV.	PRIVATE FINANCE	406
XVI.	PUBLIC FINANCE	443
XVII.	POPULATION	514
XVIII.	VITAL STATISTICS	566
XIX.	MINERAL INDUSTRY	630
XX.	PASTORAL PRODUCTION	669
XXI.	AGRICULTURAL PRODUCTION	698
XXII.	FARMYARD, DAIRY, AND BEE PRODUCTS	759
XXIII.	FORESTRY	774
XXIV.	FISHERIES	788
XXV.	MANUFACTURING INDUSTRY	795
XXVI.	WATER CONSERVATION AND IRRIGATION	842
XXVII.	THE TERRITORIES OF THE COMMONWEALTH	847
XXVIII.	MISCELLANEOUS	880
XXIX.	STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION ..	897
	APPENDIX	905
	GENERAL INDEX	930
	INDEX TO MAPS, GRAPHS, ETC.	967
	INDEX TO SPECIAL ARTICLES, ETC., WHICH APPEARED IN PREVIOUS ISSUES	969

SYNOPSIS.

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

	PAGE		PAGE
§ 1. General	1	§ 2. Establishment of the Commonwealth of Australia— <i>continued.</i>	
§ 2. Establishment of the Commonwealth of Australia—		8. Territory of Ashmore and Cartier Islands	2
1. General	1	9. Australian Antarctic Territory	2
2. Transfer of the Northern Territory to the Commonwealth	1	§ 3. The Exploration of Australia	2
3. Transfer of the Federal Capital Territory to the Commonwealth	2	§ 4. The Constitutions of the States and of the Commonwealth—	
4. Transfer of British New Guinea or Papua	2	1. General	2
5. Transfer of Norfolk Island	2	2. Commonwealth Constitution Act	2
6. Territory of New Guinea	2	3. The Royal Proclamation	21
7. Nauru	2	§ 5. The Financial Agreement between the Commonwealth and the States	21

CHAPTER II.—PHYSIOGRAPHY.

§ 1. General Description of Australia—		§ 2. Climate and Meteorology of Australia— <i>continued.</i>	
1. Geographical Position	34	7. Evaporation	39
2. Area of Australia compared with Areas of Other Countries	34	8. Rainfall	40
3. Areas of Political Subdivisions	36	9. Remarkable Falls of Rain	43
4. Coastal Configuration	36	10. Snowfall	51
5. Geographical Features	37	11. Hail	52
6. Fauna, Flora, etc.	37	12. Barometric Pressures	52
§ 2. Climate and Meteorology of Australia—		13. Wind	52
1. Introductory	37	14. Cyclones and Storms	52
2. Meteorological Publications	37	15. Influences affecting Australian Climate	53
3. General Description of Australia	37	16. Rainfall and Temperatures, Various Cities	53
4. Meteorological Divisions	37	17. Climatological Tables	54
5. Temperatures	38		
6. Humidity	39		

CHAPTER III.—GENERAL GOVERNMENT.

§ 1. Scheme of Parliamentary Government—		§ 2. Parliaments and Elections— <i>continued.</i>	
1. General	63	5. The Parliament of New South Wales	67
2. Powers and Functions of the Governor-General and of the State Governors	63	6. " " Victoria	68
3. Governor-General and State Governors	63	7. " " Queensland	69
4. The Cabinet and Executive Government	63	8. " " South Australia	70
5. Number and Salary of Members of the Legislatures	65	9. " " Western Australia	70
6. Enactments of the Parliament	65	10. " " Tasmania	71
§ 2. Parliaments and Elections—		§ 3. Administration and Legislation—	
1. Qualifications for Membership and for Franchise	65	1. The Commonwealth Parliaments	72
2. The Federal Government	66	2. Governors-General and Ministers	73
3. Federal Elections	66	3. State Ministries	74
4. " Referenda	67	4. The Course of Legislation	75
§ 3. Introduction—		§ 4. Cost of Parliamentary Government	76
1. General	80	§ 5. Strength of the Civil Service	78
2. Municipalities, Shires, etc.	80	§ 6. Consular Representatives of Foreign Countries in Australia	79
3. Water Supply and Sewerage	80		
4. Harbours	80		
5. Fire Brigades	80		

CHAPTER IV.—LOCAL GOVERNMENT.

§ 1. Introduction—		§ 4. Summary of Local Government Finance—	
1. General	80	1. General	95
2. Municipalities, Shires, etc.	80	2. Number, Revenue, Expenditure and Valuation of Local Authorities	96
3. Water Supply and Sewerage	80	3. Local Government Loans	97
4. Harbours	80	§ 5. Water Supply, Sewerage and Drainage—	
5. Fire Brigades	80	1. New South Wales	97
§ 2. Government Roads, Bridges, etc.—		2. Victoria	99
1. New South Wales	80	3. Queensland	103
2. Victoria	81	4. South Australia	104
3. Queensland	82	5. Western Australia	106
4. South Australia	82	6. Tasmania	107
5. Western Australia	83	§ 6. Harbour Boards and Trusts—	
6. Tasmania	83	1. New South Wales	107
7. Summary of Net Loan Expenditure on Roads and Bridges	83	2. Victoria	108
§ 3. Municipalities, Shires, etc.—		3. Queensland	108
1. New South Wales	84	4. Western Australia	109
2. Victoria	88	5. Tasmania	110
3. Queensland	90	§ 7. Fire Brigades—	
4. South Australia	91	1. New South Wales	111
5. Western Australia	92	2. Victoria	111
6. Tasmania	94	3. Queensland	112
7. Basis for Municipal Rating, etc.	95	4. South Australia	112
		5. Western Australia	112
		6. Tasmania	112

CHAPTER V.—LAND TENURE AND SETTLEMENT.

	PAGE		PAGE
§ 1. Introduction—		§ 7. Leases and Licences under Mining Acts—	
1. General	113	1. General	127
2. State Land Legislation	113	2. New South Wales	127
3. Northern Territory Land Legislation	114	3. Victoria	127
4. Federal Capital Territory Land Legislation	114	4. Queensland	127
5. Administration and Classification of Crown Lands	115	5. South Australia	128
6. Classification of Tenures	115	6. Western Australia	128
§ 2. Free Grants and Reservations—		7. Tasmania	128
1. New South Wales	118	8. Northern Territory	128
2. Victoria	118	9. Summary	129
3. Queensland	118	§ 8. Settlement of Returned Soldiers and Sailors—	
4. South Australia	118	1. General	129
5. Western Australia	119	2. New South Wales	129
6. Tasmania	119	3. Victoria	129
7. Northern Territory	119	4. Queensland	129
§ 3. Unconditional Purchases of Freehold—		5. South Australia	130
1. New South Wales	119	6. Western Australia	130
2. Victoria	120	7. Tasmania	130
3. Queensland	120	8. Summary	130
4. South Australia	120	9. Losses on Soldier Settlements	131
5. Western Australia	121	10. Advances by Commonwealth to States	132
6. Tasmania	121	§ 9. Tenure of Land by Aliens	132
§ 4. Conditional Purchases of Freehold—		§ 10. Advances to Settlers—	
1. General	121	1. General	132
2. New South Wales	121	2. New South Wales	132
3. Victoria	122	3. Victoria	133
4. Queensland	122	4. Queensland	133
5. South Australia	122	5. South Australia	134
6. Western Australia	122	6. Western Australia	134
7. Tasmania	122	7. Tasmania	135
§ 5. Leases and Licences under Land Acts—		8. Northern Territory	135
1. General	122	9. Summary of Advances	135
2. New South Wales	122	§ 11. Alienation and Occupation of Crown Lands—	
3. Victoria	123	1. General	136
4. Queensland	123	2. New South Wales	136
5. South Australia	124	3. Victoria	136
6. Western Australia	124	4. Queensland	137
7. Tasmania	124	5. South Australia	137
8. Northern Territory	124	6. Western Australia	138
9. Federal Capital Territory	124	7. Tasmania	138
§ 6. Closer Settlement—		8. Northern Territory	139
1. General	124	9. Federal Capital Territory	139
2. New South Wales	124	10. Diagram showing Condition of Public Estate	139
3. Victoria	125	§ 12. Classification of Alienated Holdings According to Size	140
4. Queensland	125		
5. South Australia	126		
6. Western Australia	126		
7. Tasmania	126		
8. Summary	126		

CHAPTER VI.—TRANSPORT AND COMMUNICATION.

A. SHIPPING.		A. SHIPPING—continued.	
§ 1. System of Record	142	§ 7. Miscellaneous—continued.	
§ 2. Oversea Shipping—		5. Shipping Casualties	153
1. Total Movement	142	6. Commonwealth Navigation and Shipping Legislation	153
2. Shipping Communication with Various Countries	142	7. Ports and Harbours	153
3. Nationality of Oversea Shipping	144	B. RAILWAYS.	
§ 3. Shipping of Ports	145	§ 1. General—	
§ 4. Vessels Built and Registered—		1. Introduction	153
1. Vessels Built	145	2. Improvement of Railway Statistics	153
2. Vessels Registered	146	3. Railway Communication in Australia	154
§ 5. Interstate Shipping—		4. Grafton—South Brisbane (Uniform Gauge) Line	154
1. System of Record	146	5. Mileage Open for Traffic, all Lines	154
2. Vessels and Tonnage Entered	148	6. Comparative Railway Facilities	155
3. Oversea Vessels Moving Interstate	148	7. Classification of Lines According to Gauge	156
4. Vessels engaged Solely in Interstate Trade	149	8. Summary of Operations	157
5. Total Interstate Movement of Shipping	149	9. Track Mileage—Government Railways	157
6. Interstate and Coastal Services	150	§ 2. Federal Railways—	
§ 6. Tonnage of Cargo—		1. General	157
1. Oversea and Interstate Cargo	150	2. North Australia Railway	158
2. Nationality	152	3. Central Australia Railway	158
§ 7. Miscellaneous—		4. Federal Capital Territory Railway, Queanbeyan—Canberra	158
1. Lighthouses	152		
2. Distances by Sea	152		
3. Shipping Freight Rates	152		
4. Depth of Water at Main Ports	152		

CHAPTER VI.—TRANSPORT AND COMMUNICATION—continued.

	PAGE
B. RAILWAYS—continued.	
§ 2. Federal Railways—continued.	
5. Trans-Australian Railway (Kalgoorlie to Port Augusta) ..	159
6. Lines Open, Surveyed, etc. ..	159
7. Mileage Open, Worked, and Train-miles run ..	160
8. Cost of Construction and Equipment	160
9. Gross Revenue ..	161
10. Working Expenses ..	161
11. Passenger Journeys and Tonnage of Goods and Live Stock ..	167
12. Rolling Stock ..	168
13. Employees ..	168
14. Accidents ..	169
§ 3. State Railways—	
1. Administration and Control of State Railways ..	169
2. Mileage Open ..	169
3. Length and Gauge of Railway Systems in Each State ..	170
4. Average Mileage Worked and Train-miles Run ..	170
5. Lines Under Construction and Lines Authorized ..	170
6. Cost of Construction and Equipment	172
7. Gross Revenue ..	174
8. Working Expenses ..	176
9. Salaries and Wages ..	178
10. Net Revenue ..	179
11. Interest ..	180
12. Profit or Loss ..	180
13. Traffic ..	181
14. Passenger-mileage and Ton-mileage	184
15. Passenger Fares and Goods Rates ..	186
16. Rolling Stock ..	186
17. Employees ..	186
18. Accidents ..	187
19. Consumption of Oil and Fuel ..	187
§ 4. Private Railways—	
1. Total Mileage Open ..	188
2. Lines Open for General Traffic ..	188
C. TRAMWAYS.	
1. Systems in Operation ..	188
2. New South Wales ..	190
3. Victoria ..	191
4. Queensland ..	191
5. South Australia ..	192
6. Western Australia ..	192
7. Tasmania ..	193
8. Australia ..	194
D. AIRCRAFT.	
1. Historical ..	194
2. Foundation of Civil Aviation Department ..	194
3. Aerodromes and Landing Grounds	194
4. General Flying Activities ..	194
5. Air Services ..	195
6. Gliding ..	196
7. Meteorological Aids to Aviation ..	196
8. Wireless ..	196

	PAGE
D. AIRCRAFT—continued.	
9. Aircraft Construction ..	197
10. Aircraft Imports ..	197
11. Training of Air Pilots ..	197
12. Notable Flights ..	198
13. Statistical Summary ..	199
14. New Guinea Activities ..	199
E. MOTOR VEHICLES.	
1. The Motor Car and Motor Industry	201
2. Registration ..	201
3. Public Vehicles ..	201
4. Motor Omnibuses ..	201
5. Motor Vehicles Registered, etc. ..	201
6. Comparative Motor Vehicle Statistics ..	203
F. POSTS, TELEGRAPHS AND TELEPHONES.	
§ 1. General—	
1. The Commonwealth Postal Department ..	204
2. Postal Facilities ..	204
3. Gross Revenue, Postmaster-General's Department ..	205
4. Expenditure, Postmaster-General's Department ..	206
5. Profit or Loss, Postmaster-General's Department ..	207
6. Capital Account ..	207
§ 2. Posts—	
1. Postal Matter Dealt With	208
2. Value-payable Parcel Post ..	209
3. Sea-borne Mail Services ..	210
4. Total Cost of Carriage of Mails ..	211
5. Transactions of the Dead Letter Offices ..	211
6. Money Orders and Postal Notes ..	211
§ 3. Telegraphs—	
1. General ..	214
2. Telegraph Offices, Length of Lines and Wire ..	216
3. Number of Telegrams Dispatched	217
4. Letter-telegrams ..	217
5. Revenue and Expenditure ..	217
6. Telegraph Density ..	218
§ 4. Overseas Cable and Radio Communication—	
1. First Cable Communication with the Old World ..	218
2. General Cable Services ..	218
3. Merging of Cable and Wireless Interests ..	218
4. Overseas Cable and Radio Business	218
5. Cable and Radio (Beam) Rates ..	219
§ 5. Telephones—	
1. Telephone Services ..	220
2. Revenue from Telephones ..	223
§ 6. Radio Telegraphy and Telephony—	
1. General ..	223
2. Wireless Licences ..	223
3. Broadcasting ..	224
4. Overseas Communication by Wireless	225

CHAPTER VII.—TRADE.

§ 1. Introductory—	
Constitutional Powers of the Commonwealth in regard to Commerce	228
§ 2. Commonwealth Legislation Affecting Overseas Trade—	
1. General ..	228
2. Customs Tariffs 1933 ..	228
3. Primage Duty ..	229
4. Preferential Tariff ..	230
5. Reciprocal Tariffs ..	239
6. Preferential Tariff of the United Kingdom ..	241
7. Trade Agreement between Belgium and Australia ..	244
8. Tariff Board Act ..	244
9. Customs Tariff (Industries Preservation) Act ..	245
10. Commerce (Trade Descriptions) Act	246
11. Acts passed in 1934 ..	246

§ 3. Trade Representatives—	
1. Oversea ..	247
2. In Australia ..	247
§ 4. Method of recording Imports and Exports—	
1. Value of Imports ..	248
2. " Exports ..	248
3. Customs Area ..	249
4. Statistical Classification of Imports and Exports ..	249
5. The Trade Year ..	249
6. Records of Past Years ..	249
7. Ships' Stores ..	249
§ 5. Overseas Trade—	
1. Total Overseas Trade ..	249
2. Balance of Trade ..	252
3. " Payments ..	253

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	255	6. Exports of Merchandise, Specie, and Bullion	270
2. Percentage of Imports from Various Countries	255	7. Imports in Tariff Divisions	270
3. Direction of Exports	257	8. Imports and Net Customs Revenue	272
4. Percentage of Exports to Various Countries	258	§ 9. Ships' Stores	272
5. Balance of Trade with Principal Countries	259	§ 10. Movement of Specie and Bullion—	
6. Principal Imports and Exports—Countries	259	1. Imports and Exports	273
§ 7. Trade with Eastern Countries—		2. Imports and Exports by Countries	274
1. Principal Articles Exported	264	§ 11. Exports According to Industries—	
2. Destination of Exports of Merchandise	265	1. Classification	274
3. Imports of Merchandise from Eastern Countries	265	2. Relative Importance of Industrial Groups	275
§ 8. Classified Summary of Australian Oversea Trade—		3. Australian Production and Exports according to Industry	276
1. Imports	266	§ 12. External Trade of Australia and Other Countries—	
2. Exports	266	1. Essentials of Comparisons	277
3. Imports of Principal Articles	268	2. "Special Trade" of Various Countries	277
4. Exports of Principal Articles of Australian Produce	269	§ 13. Trade of the United Kingdom with Australia compared with that of Competing Countries	278
5. Imports of Merchandise, Specie, and Bullion	270	§ 14. Oversea Trade in Calendar Years	282
		§ 15. Excise	283
		§ 16. Interstate Trade	284

CHAPTER VIII.—EDUCATION.

§ 1. Evolution of Educational Systems in Australia—		§ 4. Free Kindergartens	292
1. Educational Systems of the States	285	§ 5. Universities—	
2. Later Development in State Educational Systems	285	1. Origin and Development	293
3. School Age	285	2. Teachers and Students	293
4. Australian Council for Educational Research	285	3. University Revenue	293
5. Imperial Educational Conference	286	4. " " Expenditure	294
§ 2. State Schools—		5. " " Extension	294
1. General	286	6. The Canberra University College	294
2. Returns for Year	286	7. Workers' Educational Association	295
3. Average Attendance	287	§ 6. Technical Education—	
4. Distribution of Educational Facilities	287	1. General	295
5. Teachers	288	2. Returns for Year	295
6. Training Colleges	289	3. Expenditure on Technical Education	296
7. Expenditure	289	§ 7. Business Colleges and Shorthand Schools	296
8. School Savings Banks	291	§ 8. Miscellaneous—	
§ 3. Private Schools—		1. Scientific Societies	297
1. Returns for Year	291	2. Public Libraries	297
2. Growth of Private Schools	292	3. " " Museums and Art Galleries	300
3. Registration of Private Schools	292	4. State Expenditure on Education, Science and Art	300

CHAPTER IX.—PUBLIC JUSTICE.

§ 1. Police—		§ 4. Prisons—	
1. General	301	1. Prison Accommodation and Prisoners	312
2. Strength of Police Force	301	2. Prisoners in Gaol	312
3. Duties of the Police	302	3. Improvement in Prison Methods	313
4. Cost of Police Forces	302		
5. Interstate Police Conferences	303	§ 5. Civil Courts—	
§ 2. Lower (Magistrates') Courts—		1. Lower Courts	313
1. General	303	2. Superior Courts	314
2. Powers of the Magistrates	303	3. Divorces and Judicial Separations	314
3. Persons Charged at Magistrates' Courts	304	4. Probates	315
4. Convictions and Commitments	304	5. Bankruptcies	315
5. " " for Serious Crime	305	6. High Court of Australia	316
6. Decrease in Serious Crime	305	7. Commonwealth Court of Conciliation and Arbitration	316
7. Drunkenness	306		
8. First Offenders	308	§ 6. Cost of Administration of Justice—	
9. Children's Courts	308	1. Expenditure by the States	316
10. Commitments to Superior Courts	308	2. Federal Expenditure	317
§ 3. Superior Courts—			
1. Convictions at Superior Courts	310		
2. Offences for which Convictions were Recorded at Superior Courts	310		
3. Habitual Offenders	311		
4. Capital Punishment	311		

CHAPTER X.—PUBLIC BENEVOLENCE.

	PAGE		PAGE
§ 1. Introductory	318	§ 2. The Larger Charities of Australia— <i>continued.</i>	
§ 2. The Larger Charities of Australia—		6. Care of the Feeble-minded	326
1. Public Hospitals (other than	318	7. Protection of Aborigines	326
Hospitals for the Insane)		8. Royal Life Saving Society	327
2. Benevolent and Destitute Asylums	320	9. Royal Humane Society	327
3. Orphanages, Industrial Schools, etc.	321	10. Other Charitable Institutions	327
4. Leper Hospitals	322	11. Total Expenditure on Charities	327
5. Hospitals for the Insane	322		

CHAPTER XI.—PUBLIC HYGIENE.

§ 1. Public Health Legislation and Administration	328	§ 5. Tropical Diseases— <i>continued.</i>	
§ 2. Inspection and Sale of Food and Drugs	328	3. Control of Introduced Malaria and Bilharziasis	331
§ 3. Supervision of Dairies, Milk Supply, Etc.—		4. Hookworm	331
1. General	328	5. Australian Institute of Tropical Medicine	331
2. Number of Dairy Premises Registered	328	6. School of Public Health and Tropical Medicine, Sydney University	332
§ 4. Control of Infectious and Contagious Diseases—		7. Royal Commission on National Health, etc.	332
1. General	328	§ 6. Organization for the Control of Cancer	332
2. Quarantine	328	§ 7. Medical Inspection of School Children—	
3. Notifiable Diseases—		1. General	333
A. General	329	2. New South Wales	333
B. Venereal Diseases	330	3. Victoria	333
4. Vaccination	330	4. Queensland	334
5. Commonwealth Serum Laboratories	330	5. South Australia	335
6. Health Laboratories	330	6. Western Australia	335
7. Industrial Hygiene	331	7. Tasmania	335
8. Veterinary Hygiene and Plant Quarantine	331	8. Federal Capital Territory	336
§ 5. Tropical Diseases—		§ 8. Supervision and Care of Infant Life—	
1. General	331	1. General	336
2. Transmission of Disease by Mosquitoes	331	2. Government Activities	337
		3. Nursing Activities	337

CHAPTER XII.—DEFENCE.

§ 1. Military Defence—		§ 4. Expenditure on Defence	344
1. State Systems	338	§ 5. Munitions Supply—	
2. Commonwealth System	338	1. General	345
§ 2. Naval Defence—		2. Factories	345
1. State Systems	342	3. Research Laboratory	346
2. The Present System	342	§ 6. Remount Depot	346
§ 3. Air Defence—		§ 7. Australian Contingents—	
1. General	344	1. General	346
2. Establishment	344	2. Australian Troops (Great War)	346
3. Air Routes	344	§ 8. War Gratuity	346
4. Civil Aviation	344	§ 9. Special Defence Legislation	346

CHAPTER XIII.—REPATRIATION.

§ 1. General	347	§ 3. Miscellaneous—	
§ 2. War Pensions—		1. Summary of other Departmental Activities	350
1. General	347	2. Expenditure of Department of Repatriation	350
2. Expenditure, etc.	348	3. Losses on Soldier Settlement	350
3. Pensions in force	348		
4. Number of Pensioners and Expenditure	349		
5. Summary	349		
6. Cost of Administration	349		

CHAPTER XIV.—LABOUR, WAGES, AND PRICES.

A. PRICES.			
§ 1. Wholesale Prices—		§ 3. Variations in the Cost of Food, Groceries, Rent, Clothing and Miscellaneous Expenditure ("C" Series)—	
1. General	351	1. General	355
2. Index-numbers	351	2. Methods Adopted	355
3. Revision of the Index	352	3. Period Selected as Base	355
§ 2. Retail Prices and House Rents—		4. New Regiment	355
1. Introduction	352	5. Variations in Cost in the Principal Towns	355
2. Index-Numbers	352	6. Relative Household Expenditure	357
3. Food and Housing: Six Capital Cities	353	§ 4. Retail Price Index-numbers, 200 Towns—	
4. Retail Price Index-numbers in Terms of Currency	353	1. General	353
		2. Detailed Results	353

CHAPTER XIV.—LABOUR, WAGES, AND PRICES—*continued.*

PAGE	PAGE	
B. WAGES.		
§ 1. Operations under Wages Board and Industrial Arbitration Acts—	§ 1. Industrial Disputes— <i>continued.</i>	
1. General 363	3. Industrial Disputes, Australia .. 386	
2. Awards, Determinations, Industrial Agreements 363	4. Summary of Disputes (involving Stoppages of Work) 388	
3. Boards Authorized, Awards, etc., in Force 363	5. Particulars of Principal Disputes .. 389	
§ 2. Rates of Wage and Hours of Labour—	6. Duration of Industrial Disputes .. 390	
1. General 364	7. Causes of Industrial Disputes .. 390	
2. Weekly Rates of Wage 365	8. Results of Industrial Disputes .. 392	
3. Relative Hours of Labour and Hourly Rates of Wage 368	9. Methods of Settlement 392	
4. Weighted Average Nominal Weekly Hours of Labour, Adult Males .. 371	§ 2. Fluctuations in Employment—	
5. Nominal and Real Wages 371	1. General 394	
§ 3. The Basic Wage and Child Endowment in Australia—	2. Unemployment 394	
1. The Basic Wage 374	3. Seasonal Employment in Australia .. 396	
2. Basic Wage Inquiry, 1934 375	4. Special Legislation for the Relief of Unemployment 396	
3. State Basic Wage Rates 381	§ 3. Apprenticeship 397	
4. Royal Commission on the Basic Wage, 1920 383	D. ASSOCIATIONS.	
5. Child Endowment 383	§ 1. Labour Organizations—	
§ 4. Changes in Rates of Wage 384	1. Registration 397	
C. EMPLOYMENT.		2. Particulars regarding Trade Unions .. 397
§ 1. Industrial Disputes—	3. Central Labour Organizations .. 401	
1. General 385	4. Laws relating to Conditions of Labour 402	
2. Industrial Disputes involving Stoppage of Work, Classified in Industrial Groups 385	§ 2. Employers' Associations—	
	1. General 402	
	2. Employers' Associations in each State .. 403	
	3. " " " " Industrial Groups 403	
	4. Federations of Employers' Associations 404	
	§ 3. Registered Building and Investment Societies—	
	1. Summary 427	
	2. Liabilities and Assets 428	
	§ 4. Co-operative Societies—	
	1. General 428	
	2. Liabilities and Assets 429	
	§ 1. General 430	
	§ 2. Life Assurance—	
	1. General 432	
	2. Companies Transacting Business .. 432	
	3. Australian Business 432	
	4. Receipts and Expenditure 433	
	5. Liabilities and Assets 434	
	6. New Policies issued in Australia .. 436	
	7. Policies discontinued in Australia .. 436	
	8. Conspectus of Australian Life Assurance Legislation 437	
	§ 3. Fire, Marine and General Insurance—	
	1. Australasian Companies 437	
	2. Aggregate Australian Business .. 438	
	E. FRIENDLY SOCIETIES.	
	1. General 439	
	2. Number of Societies, Lodges and Members 440	
	3. Sickness and Death Returns 440	
	4. Revenue and Expenditure 441	
	5. Funds 441	
	F. PROBATES.	
	1. Probates and Letters of Administration 442	
	2. Intestate Estates 442	

CHAPTER XV.—PRIVATE FINANCE.

A. GENERAL 406		
B. BANKING.		
§ 1. Cheque-Paying Banks—	§ 1. General 430	
1. Banking Legislation 406	§ 2. Life Assurance—	
2. Presentation of Banking Statistics .. 406	1. General 432	
3. Banks in Operation—Capital Resources, etc. 407	2. Companies Transacting Business .. 432	
4. Commonwealth Bank 408	3. Australian Business 432	
5. Other Cheque-paying Banks 411	4. Receipts and Expenditure 433	
6. All Cheque-paying Banks 412	5. Liabilities and Assets 434	
7. Deposit Rates 416	6. New Policies issued in Australia .. 436	
8. Clearing House Returns 416	7. Policies discontinued in Australia .. 436	
9. Rates of Exchange 417	8. Conspectus of Australian Life Assurance Legislation 437	
§ 2. Savings Banks—	§ 3. Fire, Marine and General Insurance—	
1. General 419	1. Australasian Companies 437	
2. The Commonwealth Savings Bank .. 420	2. Aggregate Australian Business .. 438	
3. Recent Amalgamations 420		
4. Extension of Facilities 420	E. FRIENDLY SOCIETIES.	
5. Classification of Depositors' Balances .. 420	1. General 439	
6. Number of Accounts 421	2. Number of Societies, Lodges and Members 440	
7. Rates of Interest on Deposits 421	3. Sickness and Death Returns 440	
8. Statistical Returns 422	4. Revenue and Expenditure 441	
9. All Savings Banks 422	5. Funds 441	
10. Commonwealth Savings Bank 423		
11. State Savings Banks 425	F. PROBATES.	
C. COMPANIES.		
§ 1. General 427	1. Probates and Letters of Administration 442	
§ 2. Trustees, Executors and Agency Companies .. 427	2. Intestate Estates 442	
§ 3. Registered Building and Investment Societies—		
1. Summary 427		
2. Liabilities and Assets 428		
§ 4. Co-operative Societies—		
1. General 428		
2. Liabilities and Assets 429		

CHAPTER XVI.—PUBLIC FINANCE.

	PAGE		PAGE
A. GENERAL ..	443	B. COMMONWEALTH FINANCE— <i>continued.</i>	
B. COMMONWEALTH FINANCE.		§ 7. Maternity Allowance—	
§ 1. General—		1. General ..	479
1. Financial Provisions of the Constitution ..	443	2. Claims Paid in each State ..	480
2. Accounts of Commonwealth Government ..	444	§ 8. Commonwealth Public Service Super-annuation Fund ..	480
§ 2. Consolidated Revenue Fund—		§ 9. Currency and Coinage—	
DIVISION I. NATURE OF FUND ..	444	1. Australian Mints ..	481
DIVISION II. REVENUE.		2. Standard Weight and Fineness of Coinage ..	481
1. General ..	445	3. Gold Receipts and Issues ..	481
2. Taxation ..	445	4. Price of Gold ..	482
3. Business Undertakings ..	454	5. Silver and Bronze Coinage ..	484
4. Other Sources of Revenue ..	455	6. Australian Note Issue ..	484
DIVISION III. EXPENDITURE.		7. Legal Tender Extant ..	485
1. Nature of Commonwealth Expenditure ..	455	C. STATE FINANCE.	
2. Details of Expenditure from Consolidated Revenue ..	455	§ 1. General—	
DIVISION IV. PAYMENTS TO OR FOR THE STATES.		1. Functions of State Governments ..	486
1. Introductory ..	463	2. Accounts of State Governments ..	486
2. Uniform Customs Duties ..	463	3. Inter-relation of Commonwealth and State Finances ..	486
3. Special Western Australia Tariff ..	463	§ 2. Consolidated Revenue Funds—	
4. Distribution of Commonwealth Revenue ..	463	DIVISION I. REVENUE.	
5. Special Grants ..	464	1. General ..	486
6. Commonwealth Grants Commission ..	465	2. Revenue Received ..	487
7. Grants for Road Construction ..	465	3. Sources of Revenue ..	488
8. Amounts Paid ..	465	DIVISION II. EXPENDITURE.	
§ 3. Trust Funds ..	466	1. General ..	494
§ 4. Commonwealth Loan Funds and Public Debt—		2. Total Expenditure ..	495
1. General ..	466	3. Details of Expenditure ..	495
2. Loans taken over from South Australia ..	466	DIVISION III. SURPLUS REVENUE ..	496
3. Loan Fund for Public Works Redemptions, etc. ..	466	§ 3. State Trust Funds—	
4. Properties Transferred from States ..	468	1. Nature ..	497
5. War Loan from the Imperial Government ..	468	2. Extent ..	497
6. Flotation of War Loans in Australia ..	468	§ 4. State Loan Funds—	
7. London Conversion Loans ..	468	DIVISION I. LOAN EXPENDITURE.	
8. Loan Raisings ..	470	1. General ..	497
9. Public Debt for Commonwealth Purposes ..	470	2. Loan Expenditure ..	498
10. Sinking Fund ..	475	3. Net Loan Expenditure ..	499
§ 5. Cost of War and Repatriation ..	475	4. Total Loan Expenditure ..	500
§ 6. Old-age and Invalid Pensions—		DIVISION II. STATE PUBLIC DEBTS.	
1. General ..	476	1. General ..	501
2. Old-age Pensions ..	478	2. State Debts ..	501
3. Invalid Pensions ..	478	3. Place of Flotation of Loans ..	502
4. Cost of Administration ..	479	4. Rates of Interest ..	502
5. Summary ..	479	5. Dates of Maturity ..	504
		6. Sinking Funds ..	505
		D. COMMONWEALTH AND STATE FINANCE.	
		1. Revenue and Expenditure ..	506.
		2. Taxation ..	507
		3. Public Debt ..	508
		4. The Australian Loan Council ..	513

CHAPTER XVII.—POPULATION.

§ 1. Enumerations and Estimates ..	514	§ 5. Elements of Increase—	
§ 2. Accuracy of Estimates of Population ..	514	1. Natural Increase ..	528
§ 3. Censuses, 1881 to 1932—		2. Net Immigration ..	531
1. Census of 1933 ..	514	3. Total Increase ..	532
2. Increase since Census of 1881 ..	515	4. Rates of Increase ..	534
§ 4. Distribution and Fluctuation of Population—		§ 6. Seasonal Variations of Population—	
1. Present Number ..	516	1. Variations in Natural Increase ..	535
2. Growth and Distribution ..	516	2. " " Net Immigration ..	535
3. Mean Population ..	522	§ 7. Influences affecting Increase and Distribution ..	535
4. Proportion of Area and Population, Masculinity, and Density—States ..	523	§ 8. Density—	
5. Urban and Rural Distribution ..	524	1. General ..	535
6. Metropolitan Population—Australia and other Countries ..	526	2. Position of the British Empire ..	536
7. Principal Urban Areas ..	527		
8. Principal Cities of the World ..	528		

CHAPTER XVII.—POPULATION—*continued.*

	PAGE		PAGE
§ 9. General Characteristics—		§ 12. Immigration—	
1. Sex Distribution	537	(A) THE ENCOURAGEMENT OF IMMIGRATION INTO AUSTRALIA.	
2. Age Distribution	538	1. Joint Commonwealth and States' Immigration Scheme	560
3. Conjugal Condition	540	2. Assisted Passages	560
4. Dependent Children under 16 years of Age	541	3. Results of Assisted Immigration	561
5. Orphanhood	541	(B) THE REGULATION OF IMMIGRATION INTO AUSTRALIA.	
6. Schooling	542	1. Powers and Legislation of the Commonwealth	561
7. War Service	542	2. Conditions of Immigration into Australia	562
8. Religion	543	3. Persons admitted without Dictation Test	562
9. Birthplace	544	4. Departure of Persons of Non-European Races	563
10. Period of Residence in Australia	545	(C) PASSPORTS	563
11. Nationality	546	§ 13. Naturalization—	
12. Race	547	1. Commonwealth Legislation	564
13. Foreign Language	548	2. Certificates Granted	564
14. Industry	549	§ 14. Population of Territories	564
15. Grade of Employment	551	§ 15. The Aboriginal Population of Australia	565
16. Unemployment	552	§ 16. The Chinese in Australia	565
17. Income	554	§ 17. The Pacific Islanders in Australia	565
§ 10. Dwellings	555		
§ 11. Oversea Migration—			
1. Oversea Migration during Present Century	557		
2. Country of Embarkation and Destination	558		
3. Nationality or Race	558		
4. Classes of Arrivals and Departures	559		

CHAPTER XVIII.—VITAL STATISTICS.

§ 1. Births—		§ 3. Deaths—<i>continued.</i>	
1. Births	566	5. Infantile Deaths and Death Rates	590
2. Birth Rates	567	6. Deaths in Age Groups	595
3. " Of Various Countries	568	7. Deaths at Single Ages and In Age Groups	596
4. Masculinity of Births	577	8. Deaths of Centenarians	598
5. Ex-nuptial Births	577	9. Length of Residence in Australia of Persons who died	598
6. Legitimations	578	10. Birthplaces of Persons who died	598
7. Multiple Births	578	11. Occupations of Males who died	599
8. Ages of Parents	579	12. Causes of Death	599
9. Birthplaces of Parents	580	13. Deaths from Specific Causes	605
10. Occupations of Fathers	580	14. Causes of Deaths in Classes	624
11. Mother's Age, Duration of Marriage, and Issue	581	15. Ages at Death of Married Males and Females, and Issue	626
12. Interval between Marriage and First Birth	583	16. Ages at Marriage of Deceased Males and Females, and Issue	626
13. Interval between Birth and Registration of Birth	584	17. Birthplace of Deceased Married Males and Females, and Issue	627
§ 2. Marriages—		18. Occupations of Deceased Married Males, and Issue	628
1. Marriages	584	§ 4. Australian Life Tables	628
2. Marriage Rates in Various Countries	585	§ 5. Registration of Births, Deaths, and Marriages in the Territory for the Seat of Government	628
3. Ages and Conjugal Condition at Marriage	585	§ 6. Graphical Representation of Vital Statistics—	
4. Previous Conjugal Condition	587	1. General	629
5. Birthplaces of Persons Married	587	2. Graphs of Annual Births, Marriages, and Deaths	629
6. Occupations and Ages of Bridegrooms	588	3. Graphs of Annual Birth, Marriage, and Death Rates, and Rate of Natural Increase	629
7. Fertility of Marriages	588		
8. Celebration of Marriages	588		
§ 3. Deaths—			
1. Deaths	589		
2. Crude Death Rates	589		
3. Index of Mortality	589		
4. Crude Death Rates of Various Countries	590		

CHAPTER XIX.—MINERAL INDUSTRY.

PAGE	PAGE
§ 1. The Mineral Wealth of Australia—	§ 8. Iron—
1. Place of Mining in Australian Development .. 630	1. General 649
2. Extent of Mineral Wealth .. 630	2. Production 649
3. Quantity and Value of Production 630	3. Iron and Steel Bounties .. 650
4. Value of Production, Quinquennial 632	4. World's Production of Iron and Steel 650
5. Total Production .. 632	§ 9. Other Metallic Minerals .. 651
6. Quarries .. 633	§ 10. Coal—
7. Decline in Metalliferous Industry .. 633	1. Production in each State .. 651
8. Geophysical Methods for Detection of Ore Deposits .. 633	2. Distribution and Production of Coal in each State .. 652
§ 2. Gold—	3. Production in Various Countries .. 654
1. Discovery in Various States .. 633	4. Exports .. 655
2. Production at Various Periods .. 633	5. Consumption in Australia .. 656
3. Changes in Relative Positions of States as Gold Producers .. 635	6. Prices .. 656
4. Place of Australia in the World's Gold Production .. 635	7. Prices in the United Kingdom .. 657
5. Employment in Gold Mining .. 636	8. Employment in Coal Mining .. 657
6. Bounty on Production .. 637	9. Accidents in Coal Mining .. 658
§ 3. Platinum and Platinoid Metals—	§ 11. Coke .. 659
1. Platinum .. 637	§ 12. Oil Shale and Mineral Oil .. 660
2. Osmium, Iridium, etc. .. 637	§ 13. Other Non-Metallic Minerals .. 660
§ 4. Silver, Lead, and Zinc—	§ 14. Gems and Gemstones—
1. Occurrence in each State .. 637	1. Diamonds .. 661
2. Production .. 637	2. Sapphires .. 661
3. Production of Silver in Australia .. 640	3. Precious Opals .. 661
4. World's Production .. 640	4. Other Gems .. 661
5. Prices of Silver, Lead, and Zinc .. 643	§ 15. Numbers Engaged, Wages Paid, and Accidents in Mining—
6. Employment in Silver, Lead, and Zinc Mining .. 643	1. Total Employment in Mining .. 662
§ 5. Copper—	2. Wages paid in Mining .. 663
1. Production .. 643	3. Accidents in Mining .. 663
2. Sources of Production .. 644	§ 16. Government Aid to Mining—
3. Prices .. 644	1. Commonwealth .. 664
4. World's Production of Copper .. 645	2. New South Wales .. 665
5. Employment in Copper Mining .. 645	3. Victoria .. 665
§ 6. Tin—	4. Queensland .. 666
1. Production .. 646	5. South Australia .. 666
2. Sources of Production .. 646	6. Western Australia .. 666
3. World's Production .. 647	7. Tasmania .. 666
4. Prices .. 647	8. Northern Territory .. 666
5. Employment in Tin Mining .. 648	§ 17. Metallic Contents of Ores, etc., Produced and Exported—
§ 7. Zinc—	1. Local Production .. 667
1. Production .. 648	2. Metallic Contents of Ores, Concentrates, etc., Exported .. 667
2. World's Production .. 649	§ 18. Oversea Exports of Ores, Metals, etc. .. 668
3. Prices .. 649	

CHAPTER XX.—PASTORAL PRODUCTION.

§ 1. Initiation and Growth of Pastoral Industry—	§ 3. Cattle—
1. Early Statistics .. 669	1. Purposes for which Raised .. 680
2. Subsequent Statistics .. 669	2. Distribution throughout Australia .. 680
3. Increase in Live Stock .. 669	3. Comparison with other Countries .. 681
4. Fluctuations .. 669	4. Imports and Exports of Cattle .. 681
5. Live Stock in Relation to Population .. 670	5. Cattle Slaughtered .. 682
6. Live Stock in Relation to Area .. 670	6. Production and Consumption of Beef .. 682
7. Minor Classes of Live Stock .. 671	7. Export of Frozen Beef .. 682
8. Net Exports of Principal Pastoral Products .. 671	8. Agreements regarding Meat at the Ottawa Conference .. 682
9. Value of Pastoral Production .. 672	9. Imports of Chilled and Frozen Beef into the United Kingdom .. 683
10. Consumption of Meats .. 673	§ 4. Sheep—
§ 2. Horses—	1. Initiation of the Pastoral Industry .. 685
1. Suitability of Australia for Horse-breeding .. 674	2. Distribution throughout Australia .. 685
2. Distribution throughout Australia 674	3. Proportion in the Several States and Territories .. 685
3. Proportions in the Several States and Territories .. 674	4. Comparison with other Countries .. 685
4. Relation to Population .. 679	5. Oversea Imports and Exports of Sheep .. 686
5. Comparison with other Countries .. 679	6. Sheep Slaughtered .. 687
6. Oversea Trade in Horses .. 679	

CHAPTER XX.—PASTORAL PRODUCTION—*continued.*

	PAGE		PAGE
§ 4. Sheep—<i>continued.</i>		§ 5. Wool—<i>continued.</i>	
7. Production and Consumption of Mutton and Lamb ..	687	7. Export of Wool ..	692
8. Exports of Frozen Mutton and Lamb ..	687	8. Exports and Local Sales of Wool ..	693
9. Resolutions at Ottawa Conference ..	687	9. Value ..	693
10. Imports of Frozen Mutton and Lamb into the United Kingdom ..	688	10. Wool Realization Scheme ..	694
		11. United Kingdom Importation of Wool ..	694
§ 5. Wool—		12. Inquiry into Wool Industry ..	695
1. General ..	690		
2. Greasy and Scoured Wool ..	690	§ 6. Trade in Hides and Skins—	
3. Production ..	690	1. Extent of Trade ..	696
4. Care Needed in Comparing Clips ..	691	2. Sheepskins with Wool ..	696
5. World's Wool Production ..	691	3. " without Wool ..	696
6. Wool Locally Used ..	692	4. Hides ..	696
		5. Other Skins ..	697

CHAPTER XXI.—AGRICULTURAL PRODUCTION.

§ 1. Introductory ..	698	§ 8. Rice ..	727
§ 2. Progress of Agriculture—		§ 9. Other Grain and Pulse Crops ..	727
1. Early Records ..	698	§ 10. Potatoes—	
2. Progress of Cultivation ..	698	1. Progress of Cultivation ..	727
3. Artificially-sown Grasses ..	699	2. Imports and Exports ..	729
4. Australian Agricultural Council ..	699	3. Value of Potato Crop ..	729
§ 3. Distribution, Production, and Value of Crops—		§ 11. Other Root and Tuber Crops—	
1. Distribution of Crops ..	699	1. General ..	729
2. Relative Areas of Crops in States and Territories ..	700	2. Imports and Exports ..	730
3. Area under Chief Crops, Australia ..	701	§ 12. Hay—	
4. Total and Average Production, Chief Crops, Australia ..	701	1. General ..	730
5. Average Yield per Acre, Chief Crops, Australia ..	702	2. Comparison with Other Countries ..	732
6. Gross Value of Agricultural Production, Australia ..	702	3. Imports and Exports ..	732
7. Value of Production—Gross and Net ..	703	4. Value of Hay Crop ..	732
§ 4. Wheat—		§ 13. Green Forage—	
1. Royal Commission on the Wheat Industry ..	703	1. Nature and Extent ..	732
2. Progress of Wheat-growing ..	703	2. Value of Green Forage Crops ..	733
3. Wheat Farms ..	706	§ 14. Sugar-cane and Sugar-beet—	
4. Australian and Foreign Wheat Yields ..	706	1. Sugar-cane ..	733
5. Export Price of Wheat ..	708	2. Sugar-beet ..	736
6. Exports of Wheat and Flour ..	709	3. Sugar Bounties ..	736
7. Exports—Principal Countries ..	710	4. Sugar Purchase by Commonwealth Government ..	736
8. Imports—	713	5. Sugar Agreement—Embargo on Imports, etc. ..	736
9. Consumption "Wheat" ..	714	6. Net Return for Sugar Crop ..	737
10. Value of the Wheat Crop ..	715	7. Imports and Exports of Sugar ..	737
11. Varieties of Wheat Sown ..	715	8. Sugar By-products ..	738
12. Stocks of Wheat and Flour ..	716	9. Sugar Prices ..	738
13. Voluntary Wheat Pools ..	717	§ 15. Vineyards—	
§ 5. Oats—		1. Progress of Cultivation ..	738
1. Progress of Cultivation ..	718	2. Imports and Exports of Wine ..	740
2. World's Production ..	719	3. Other Viticultural Products ..	740
3. Prices of Oats ..	719	4. Imports and Exports of Raisins and Currants ..	741
4. Imports and Exports ..	719	5. Marketing of Raisins and Currants ..	742
5. Oatmeal, etc. ..	720	6. Prices of Australian Sultanas and Currants ..	742
6. Value of Oat Crop ..	720	§ 16. Orchards and Fruit Gardens—	
§ 6. Maize—		1. Progress of Cultivation ..	742
1. States Growing Maize ..	720	2. Varieties of Crops ..	743
2. Progress of Cultivation ..	720	3. Principal Fruit Crops ..	744
3. World's Production ..	722	4. Imports and Exports of Fruit ..	745
4. Price of Maize ..	722	§ 17. Minor Crops—	
5. Oversea Imports and Exports ..	722	1. General ..	747
6. Maize Products ..	722	2. Market Gardens ..	747
7. Value of Crop ..	723	3. Grass Seed ..	747
§ 7. Barley—		4. Tobacco ..	747
1. Progress of Cultivation ..	723	5. Pumpkins and Melons ..	749
2. Comparison with other Countries ..	723	6. Hops ..	749
3. World's Production ..	725	7. Flax ..	749
4. Prices ..	725	8. Millet ..	749
5. Imports and Exports ..	726	9. Nurseries ..	749
6. Imports and Exports of Malt ..	726	10. Cotton ..	749
7. Value of Barley Crop ..	726	11. Coffee ..	750
		12. Other Crops ..	750

CHAPTER XXI.—AGRICULTURAL PRODUCTION—*continued.*

	PAGE		PAGE
§ 18. Bounties—		§ 20. Ensilage—	
1. Bounties	751	1. Government Assistance in Production	756
2. Other Financial Assistance	753	2. Quantity Made	757
§ 19. Fertilizers—		§ 21. Agricultural Colleges and Experimental Farms—	
1. General	754	1. General	757
2. Fertilizers Acts	754	2. Agricultural Colleges and Experimental Farms	757
3. Imports	754	3. Agricultural and Stock Departments	757
4. Exports	755	§ 22. Employment in Agriculture	758
5. Quantities Locally Used	755		
6. Local Production	756		

CHAPTER XXII.—FARMYARD, DAIRY AND BEE PRODUCTS.

§ 1. Introductory—		§ 4. Total Dairy Production	766
1. General	759	§ 5. Value of Dairy Production	767
2. Official Supervision of Industry	759	§ 6. Poultry Farming—	
3. Stabilization Scheme	759	1. General	767
4. Mixed Farming	760	2. Number of Principal Kinds	768
5. Factory System	760	3. Value of Poultry Products	768
6. Butter and Cheese Factories	760	4. Oversea Trade in Poultry Products	769
7. Ottawa Conference	760	§ 7. Bee Farming—	
8. Employment	761	1. General	770
§ 2. Dairy Cattle and Dairy Products—		2. Production of Honey and Beeswax	770
1. Dairy Herds	761	3. Value of Production	771
2. Milk	762	4. Oversea Trade in Bee Products	771
3. Butter and Cheese	763	§ 8. Exports of Australian Farmyard, Dairy and Bee Products	772
4. Condensed or Concentrated Milk	763	§ 9. British Imports of Dairy Products—	
5. Oversea Trade in Butter, Cheese, and Milk	764	1. Quantities and Values	772
6. Local Consumption of Butter and Cheese	764	2. Butter	773
§ 3. Pigs and Pig Products—		3. Cheese	773
1. Pigs	764	4. Bacon and Ham	773
2. Bacon and Ham	765	5. Pork	773
3. Pork Consumption	765	6. Other Products	773
4. Oversea Trade in Pig Products	765		

CHAPTER XXIII.—FORESTRY.

§ 1. General—		§ 6. Forestry Production—	
1. Objects of Forestry	774	1. Timber	779
2. Extent of Forests	774	2. Other Forest Products	780
3. Requisite Proportion of Forest Area	776	3. Value of Production	781
§ 2. Forestry Activities of the Commonwealth Government	776	§ 7. Commercial Uses of Principal Australian Timbers—	
§ 3. State Forestry Departments—		1. General	782
1. Functions	777	2. Lack of Uniformity in Nomenclature	782
2. Forest Reservations	777	§ 8. Oversea Trade—	
3. Sylvicultural Nurseries and Plantations	778	1. Imports	783
4. Revenue and Expenditure	778	2. Exports	784
§ 4. The Australian Forestry School	778	3. Classification of Imports and Exports	785
§ 5. Forest Congresses	779		

CHAPTER XXIV.—FISHERIES.

§ 1. General—		§ 3. Oversea Trade in Fishery Products—	
1. Fish Stocks	788	1. Imports of Fish	793
2. Progress of Industry	788	2. Exports of Fish	793
3. Consumption of Fish	789	3. Exports of Pearl and Other Shell	793
4. Oyster Fisheries	789	§ 4. The Development of Fisheries in Australia	794
5. Pearl-shell, Pearls, Bêche-de-Mer, etc.	789	§ 5. Trawling in Australian Waters.. .. .	794
§ 2. The Fishing Industry—			
1. Boats and Men Engaged, and Take	790		
2. Value of Production	791		
3. Fish Preserving	792		
4. State Revenue from Fisheries	792		

CHAPTER XXV.—MANUFACTURING INDUSTRY.

	PAGE		PAGE
§ 1. Number and Classification of Factories—		§ 7. Salaries and Wages Paid and Value of Production—	
1. Number of Factories in each State ..	795	1. General	803
2. Classification of Factories, Australia ..	795	2. Salaries and Wages Paid	808
3. " " " States ..	796	3. Value of Power, Fuel and Light Used ..	812
		4. " " Materials Used	812
§ 2. Classification of Factories according to Number of Employees—		5. Total Value of Output	813
1. States	796	6. Value of Production	814
2. Australia	797	7. " Output and Cost of Production ..	816
§ 3. Power Used in Factories—		§ 8. Value of Land, Buildings, Plant and Machinery—	
1. States	798	1. General	816
2. Australia	798	2. Value of Land and Buildings	817
3. Classes of Industry	799	3. " Plant and Machinery	819
§ 4. Employment in Factories—		§ 9. Individual Industries—	
1. Total Number Employed	799	1. General	820
2. Rates of Increase	801	2. Tanning, Currying and Leather Dressing	820
3. Employees in Classes of Industry, Australia	801	3. Soap and Candle Factories	822
4. Employees in Classes of Industry, States	802	4. Saw Mills, etc.	823
5. Employees according to Nature of Employment	802	5. Agricultural Implement Works	823
§ 5. Sex Distribution in Factories—		6. Engineering Works	824
1. Employment of Females	803	7. Smelting, Converting, Refining and Rolling of Iron and Steel	825
2. Distribution of Employees according to Sex	803	8. Railway and Tramway Workshops ..	825
3. Rate of Variation for each Sex	804	9. Extracting and Refining of Other Metals and Alloys	826
4. Masculinity of Employees in Factories	804	10. Bacon-curing Factories	826
5. Employment of Females in Particular Industries	804	11. Butter, Cheese, and Condensed Milk Factories	827
§ 6. Child Labour in Factories—		12. Meat and Fish Preserving Works ..	828
1. Conditions of Child Labour	805	13. Bakeries	829
2. Average Number of Children Employed	806	14. Jam and Fruit Preserving, Pickles, Sauces, and Vinogar Factories	829
3. Percentage of Children on Total Number of Employees	806	15. Confectionery Factories	830
4. Industries Employing Child Labour ..	807	16. Grain Milling	831
5. Apprenticeship	807	17. Sugar Mills	832
		18. " Refineries	833
		19. Breweries	833
		20. Distilleries	834
		21. Tobacco, etc., Factories	834
		22. Woolen and Tweed Mills	835
		23. Boot Factories	836
		24. Tailoring and Stop Clothing Factories	837
		25. Dressmaking and Millinery Establishments	838
		26. Printing and Binding Works	838
		27. Motor Vehicles and Cycles	839
		28. Furniture, Cabinet Making and Upholstery	840
		29. Electric Light and Power Works ..	840
		30. Gas Works	841

CHAPTER XXVI.—WATER CONSERVATION AND IRRIGATION.

§ 1. Artesian Water—		§ 2. Irrigation—	
1. General	842	1. General	843
2. The Great Australian Artesian Basin	842	2. Areas Irrigated	844
3. The Western Australian Basins	842	3. Crops on Irrigated Areas	844
4. The Murray River Basin	842		
5. Plutonic or Meteoric Waters	843		
6. Artesian and Sub-Artesian Bores ..	843		

CHAPTER XXVII.—THE TERRITORIES OF THE COMMONWEALTH.

GENERAL	847	THE NORTHERN TERRITORY—continued.	
THE NORTHERN TERRITORY.		§ 4. Climate, Fauna and Flora—	
§ 1. Area and Population—		1. The Seasons	849
1. Introductory	847	2. Fauna	849
2. Population	847	3. Flora	849
§ 2. Legislation and Administration ..	848	§ 5. Production—	
§ 3. Physiography—		1. Holdings	849
1. Tropical Nature of the Country ..	848	2. Agriculture	849
2. Contour and Physical Characteristics	849	3. Pastoral Industry	850
		4. Mining	850
		5. Pearl, Bêche-de-Mer and Other Fisheries	851

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

	PAGE		PAGE
THE NORTHERN TERRITORY—<i>continued.</i>		THE MANDATED TERRITORY OF NEW GUINEA.	
§ 6. Land Tenure	851	§ 1. General Description	866
§ 7. Commerce and Shipping and Air Services—		§ 2. Government—	
1. Trade	851	1. The Military Occupation	866
2. Shipping	852	2. Mandate	866
3. Air Services	852	3. New Guinea Act	866
§ 8. Internal Communication—		4. Legislative Council	867
1. Railways	852	5. Expropriation	867
2. Posts	852	6. Departments and Districts	867
3. Telegraphs	852	7. Reports to the League of Nations	867
§ 9. Finance—		§ 3. Population—	
1. Revenue and Expenditure	853	1. White Population	867
2. Debt	853	2. Asiatic "	867
THE FEDERAL CAPITAL TERRITORY.		3. Native "	867
1. Introductory	854	§ 4. The Natives—	
2. Transfer of Parliament	854	1. General	868
3. Administration	854	2. Land Tenure	868
4. Progress of Work	854	3. Research Work	868
5. Forestry	855	4. Education	868
6. Lands	855	5. Health of Natives	869
7. Railways	856	6. Missions	869
8. Population	856	§ 5. Land Policy—	
9. Live Stock	856	1. Acquisition of Land	869
10. Educational Facilities	856	2. Land Policy of the Present Admini- stration	869
11. Finance	857	3. Registration of Titles	870
NORFOLK ISLAND.		§ 6. Production—	
1. Area, Location, etc.	858	1. General	870
2. Settlement	858	2. Agriculture	870
3. Administration	858	3. Live Stock	871
4. Population	858	4. Timber	871
5. Live Stock	858	5. Fisheries	872
6. Production, Trade, etc.	858	6. Mining	872
7. Communication	859	§ 7. Trade—	
8. Social Condition	859	1. Customs Tariff	872
9. Finances	859	2. Total Trade	873
PAPUA.		3. Principal Items of Imports	873
§ 1. General Description—		4. " " Exports	873
1. Early Administration	860	5. Exports of Copra and Cocoa	874
2. Administration by Commonwealth of Australia	860	§ 8. Shipping and Communication—	
3. Area, etc.	860	1. General	874
§ 2. Population	860	2. Oversea Tonnage	874
§ 3. Native Labour, Taxation, Health, Etc.—		3. Local Shipping	874
1. Native Labour	860	4. Land Communication	874
2. Taxes	861	5. Communication by Air	875
3. Care of Half-caste Children	861	§ 9. Revenue and Expenditure—	
4. Health	861	1. Revenue	875
§ 4. Land Tenure—		2. Expenditure	875
1. Method of Obtaining Land	861	NAURU (MANDATE).	
2. Holdings	861	1. General	875
§ 5. Production—		2. History	876
1. General	862	3. Administration	876
2. Agriculture	862	4. Population	876
3. Forestry	863	5. Health	876
4. Live Stock	863	6. Education	877
5. Fisheries	863	7. Judiciary	877
6. Mining	863	8. Religion	877
7. Water Power	864	9. Phosphate Deposits	877
§ 6. Finance, Trade, Postal and Shipping—		10. Trade	878
1. Finance	864	11. Revenue and Expenditure	879
2. Trade	864		
3. Shipping	865		
§ 7. Progress of Papua	865		

CHAPTER XXVIII.—MISCELLANEOUS.

	PAGE		PAGE
§ 1. Patents, Trade Marks and Designs—		§ 7. The Commonwealth Solar Observatory—	
1. Patents	880	1. Reasons for Foundation ..	885
2. Trade Marks and Designs ..	880	2. History of Inauguration ..	885
§ 2. Copyright—		3. Site of Observatory ..	886
1. Legislation	881	4. Equipment	886
2. Applications and Registrations ..	882	5. Observational Work	886
§ 3. Local Option, and Reduction of Licences	882	§ 8. Standards Association of Australia	886
§ 4. Lord Howe Island—		§ 9. Valuation of Australian Production—	
1. Area, Location, etc.	882	1. Value of Production	887
2. Settlement	882	2. Productive Activity	890
3. Population	882	§ 10. Film Censorship—	
4. Production, Trade, etc.	883	1. Legislation	892
§ 5. Commonwealth Council for Scientific and Industrial Research—		2. Imports of Films	893
1. General	883	3. Export of Films	893
2. Science and Industry Research Act 1926	883	§ 11. Marketing of Australian Commodities—	
3. Science and Industry Endowment Act 1926	883	1. Introduction	893
4. Work of the Council	883	2. Dairy Produce	893
§ 6. Australian Institute of Anatomy—		3. Dried Fruits	894
1. Foundation of Institute	884	4. Canned Fruits	894
2. Additions to Original Collection ..	884	5. Wine	895
3. Endowments for Orations and Lectures	885	6. Export Guarantee Act	895
4. Ultimate Scope of the Institute ..	885	7. Australian Agricultural Council ..	895
		§ 12. National Safety Council of Australia	895
		§ 13. League of Nations	896
		§ 14. War Service Homes	896

CHAPTER XXIX.—STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION.

§ 1. General	897	§ 3. Select List of Representative Works dealing with Australia	898
§ 2. Statistical Publications of Australia—			
1. General	897		
2. Commonwealth Publications ..	897		
3. State Publications	898		

APPENDIX.

Chapter III.—General Government—		(B) WAGES—	
§ 3. Administration and Legislation—		§ 3. The Basic Wage and Child Endowment in Australia—	
2. (c) Lyons Government	905	2. Commonwealth Basic Wage Rates	912
Chapter VI.—Transport and Communication—		(C) EMPLOYMENT—	
(A) SHIPPING—		§ 2. Fluctuations in Employment—	
§ 2. Oversea Shipping—		2. Unemployment	912
2. Shipping Communication with various Countries	905	Chapter XV.—Private Finance—	
3. Nationality of Oversea Shipping ..	905	(B) BANKING—	
§ 5. Interstate Shipping—		§ 1. Cheque-paying Banks—	
2. Vessels and Tonnage Entered ..	906	Average Liabilities and Assets ..	912
§ 6. Tonnage of Cargo—		§ 2. Savings Banks—	
1. Oversea and Interstate Cargo ..	906	Savings Bank Deposits	913
(B) RAILWAYS—		Chapter XVI.—Public Finance—	
§ 1. General—		The Financial Crisis—	
8. Summary of Operations	907	1. General	913
(D) AIRCRAFT—		2. Elements of the Situation ..	913
13. Statistical Summary	907	3. Attempts to meet the Situation ..	914
(E) MOTOR VEHICLES—		4. Effects on Government Finance ..	921
5. Motor Vehicles Registered	907	5. Present Position of Government Finance ..	922
Chapter VII.—Trade—		6. The Adopted Plan	923
§ 8. Classified Summary of Oversea Trade—		(B) COMMONWEALTH FINANCE	927
1. and 2. Imports and Exports ..	908	(C) STATE FINANCE	928
Chapter XIV.—Labour, Wages, and Prices—		Chapter XIX.—Mineral Industry—	
(A) PRICES—		§ 1. The Mineral Wealth of Australia—	
§ 2. Retail Prices and House Rents ..	909	3. Value of Production	929

STATISTICAL SUMMARY.

STATISTICAL SUMMARY, AUSTRALIA.

Heading.		Year.						
		1881.	1891.	1901.	1911.	1921.	1931.	1934.
Population(a)	Males	1,247,059	1,736,617	2,004,836	2,382,232	2,799,462	3,332,577	3,401,079
	Females	1,059,677	1,504,368	1,820,077	2,191,554	2,711,532	3,220,029	3,304,598
	Persons	2,306,736	3,240,985	3,824,913	4,573,786	5,510,994	6,552,606	6,705,677
Births	No.	80,004	110,187	102,945	122,193	136,198	118,509	109,475
	Rate	35.26	34.47	27.16	27.21	24.95	18.16	16.39
Deaths	No.	33,327	47,430	46,330	47,869	54,076	56,560	62,229
	Rate	14.69	14.84	12.22	10.66	9.91	8.67	9.32
Marriages	No.	17,244	23,862	27,753	39,482	46,869	38,882	51,465
	Rate	7.60	7.47	7.32	8.79	8.59	5.96	7.71
		1881-82.	1891-92.	1901-02.	1911-12.	1921-22.	1931-32.	1933-34.
Agriculture—	Area, acs.	2,995,814	3,334,957	5,115,965	7,427,834	9,719,042	14,741,313	(f) 12,498,894
	Yld., bshl.	21,443,862	25,675,265	38,561,619	71,636,347	129,088,806	190,612,188	(f) 133,699,797
Wheat	Area, "	7.16	7.70	7.54	9.04	13.28	12.93	(f) 10.70
	Yld., bshl.	194,816	246,129	461,430	616,794	733,466	1,085,489	1,373,921
Oats	Area, acs.	4,795,897	5,726,256	9,789,854	9,561,833	12,147,433	15,194,680	16,922,031
	Yld., bshl.	24.62	23.27	21.22	15.50	16.56	14.00	12.32
Barley	Area, acs.	75,864	68,068	74,511	116,466	298,910	342,396	464,959
	Yld., bshl.	1,353,380	1,178,560	1,519,819	2,056,836	6,085,685	6,290,672	7,959,018
Maize	Area, acs.	17.84	17.31	20.40	17.66	20.36	18.37	17.12
	Yld., bshl.	165,777	284,428	294,849	340,065	305,186	269,448	303,761
Hay	Area, acs.	768,388	942,166	1,688,402	2,518,351	2,994,519	7,062,383	7,494,080
	Yld., tons	767,194	1,067,255	2,024,608	2,867,973	3,902,189	3,167,459	3,582,748
Potatoes(b)	Area, acs.	1.00	1.13	1.14	1.14	1.30	1.20	1.16
	Yld., tons	76,265	112,884	109,685	130,463	149,144	145,111	139,692
Sugar Cane	Area, acs.	243,216	380,477	322,524	301,489	388,091	397,102	327,775
	Yld., tons	3.19	3.37	2.94	2.31	2.60	2.72	2.35
(c)	Area, acs.	19,708	45,444	86,950	101,019	128,356	241,576	238,169
	Yld., tons	349,627	737,573	1,367,802	1,682,250	2,436,890	4,213,453	4,898,040
Vineyards	Area, acs.	17.74	16.23	15.73	16.65	18.99	17.44	20.57
	Wine, gal.	14,569	48,882	63,677	60,602	92,414	112,961	116,271
Total gross value all agricultural production		£ 15,519,000	£ 16,988,000	£ 23,835,000	£ 38,774,000	£ 81,890,000	£ 74,489,000	£ 70,732,000
Pastoral, dairying, etc.—								
Live Stock	(a) Sheep No.	65,092,719	106,421,068	72,040,211	96,886,234	86,119,068	110,618,893	(f) 114,732,587
	Cattle "	8,010,991	11,112,112	8,491,428	11,828,954	14,441,309	12,260,955	13,512,486
(a)	Horses "	1,088,029	1,584,737	1,620,420	2,278,226	2,438,182	1,775,550	1,763,225
	Pigs "	703,188	845,888	931,309	1,110,721	960,385	1,167,845	1,046,867
Wool prod. lb. (greasy)		319,649,000	634,046,000	539,395,000	798,391,000	723,059,000	1,007,455,847	(f) 1,031,000,000
Butter production lb.		(d)	42,314,585	103,747,295	117,828,954	267,071,340	390,654,070	(f) 468,550,000
Cheese production p.e.,		(d)	10,130,945	11,845,153	15,886,712	32,653,003	31,422,973	38,476,493
Bacon and ham "		(d)	16,771,886	34,020,629	53,335,092	58,626,469	71,121,740	71,490,279
Total gross value of pastoral and dairying production		£ 29,538,000	£ 39,256,000	£ 36,890,000	£ 72,883,000	£ 119,399,000	£ 103,018,000	£ 135,230,000
		1881.	1891.	1901.	1911.	1921.	1931.	1934.
Mineral production—								
Gold		£ 5,194,390	£ 5,281,861	£ 14,017,538	£ 10,551,624	£ 4,018,685	£ 3,563,519	£ 7,536,674
Silver and lead		£ 45,622	£ 3,736,352	£ 2,248,598	£ 3,022,177	£ 1,539,992	£ 1,443,897	£ 2,922,683
Copper		£ 714,003	£ 367,373	£ 2,215,431	£ 2,564,278	£ 803,957	£ 567,558	£ 397,118
Tin		£ 1,145,889	£ 560,502	£ 448,234	£ 1,209,973	£ 418,418	£ 216,205	£ 746,997
Zinc		£ 200	£ 2,979	£ 4,067	£ 14,415,169	£ 283,455	£ 512,795	£ 208,511
Coal (black)		£ 637,865	£ 1,912,353	£ 2,602,733	£ 3,927,360	£ 10,983,757	£ 6,103,735	£ 5,869,605
Total value of all mineral production		£ 7,820,290	£ 12,074,106	£ 21,816,772	£ 23,302,878	£ 20,029,107	£ 13,352,316	£ 19,953,975
Forestry production—								
Quantity of local timber sawn or hewn—								
1,000 sup. ft.		(d)	(d)	452,131	604,794	590,495	236,707	369,897

(a) At 31st December. (b) Partly estimated for 1881. (c) Area of productive cane. (d) Information not available. (e) Years ended December, except for last two columns which refer to years ended June. (f) 1934-35 figures. (g) Estimate for 1935-36, 140,000,000 bushels.

STATISTICAL SUMMARY, AUSTRALIA—continued.

Heading.	Year.						
	1881.	1891.	1901.	1911.	1921-22.	1931-32.	1933-34.
Manufactories—							
No. of factories ..				14,455	18,023	21,657	23,297
Hands employed No.				311,710	378,540	336,658	405,909
Wages paid £	(a)	(a)	(a)	27,528,377	68,050,861	55,931,810	64,444,660
Value of production £				51,259,004	121,674,119	110,981,830	129,091,915
Total value of output £				133,022,090	320,340,765	281,645,785	330,134,060
Shipping—							
Oversea vessels { No. ent. & cleared } tons	3,284	3,778	4,028	4,174	3,111	3,057	3,139
Commerce—	2,549,364	4,726,307	6,541,991	9,984,801	9,081,278	11,395,784	11,889,044
Imports, oversea £	29,067,000	37,711,000	42,434,000	66,967,488	103,066,436	44,712,868	74,119,496
Exports oversea £	27,528,000	36,043,000	49,696,000	79,482,258	127,846,535	85,348,607	90,225,168
Total oversea trade £	56,595,000	73,754,000	92,130,000	146,449,746	230,912,971	130,061,475	164,344,664
Customs and Excise duties £	4,800,326	7,440,869	8,656,530	13,515,005	27,565,199	28,524,996	38,029,595
Principal Oversea Exports (c) £	2/2/5	2/6/7	2/5/8	2/19/2	5/0/1	4/7/1	5/13/6
Wool { lb. (greasy) } £	328,369,200	619,259,800	518,018,100	720,364,900	927,833,700	893,644,148	941,732,995
Wheat { cental } £	13,173,026	19,940,029	15,237,454	26,071,193	47,977,044	32,102,246	39,263,282
Flour { tons } £	3,218,792	5,876,875	12,156,035	33,088,734	59,968,334	76,440,603	45,575,814
Butter { lb. } £	1,189,762	1,938,864	2,774,643	9,641,608	28,644,155	19,220,203	11,612,368
Skins and hides £	49,549	33,393	96,814	1,75,891	359,734	610,858	697,970
Tallow £	1,298,805	4,39,800	34,607,400	10,172,100	12,734,400	201,639,404	262,518,906
Meats £	39,383	206,868	1,451,168	4,637,362	7,968,978	10,250,002	9,586,776
Timber (undressed) £	316,878	873,695	1,250,938	3,227,266	3,136,810	2,315,594	3,455,732
Gold £	644,149	571,069	677,745	1,935,836	1,441,795	831,435	928,838
Silver and lead £	362,965	460,894	2,611,244	4,303,159	5,542,102	6,370,012	9,747,820
Copper £	118,117	38,448	731,301	1,023,960	1,758,166	432,593	781,274
Coal £	6,445,365	5,703,532	14,375,741	12,045,766	3,483,239	12,664,786	9,816,568
Govt. Railways—	57,954	1,922,278	2,250,253	3,212,584	2,697,130	3,061,927	3,250,490
Lgth. of line open, mls.	3,832	9,541	12,579	16,078	23,502	26,959	27,130
Capital cost .. £	42,741,350	99,764,090	123,223,779	152,194,603	244,353,233	323,365,450	327,093,814
Gross revenue .. £	3,910,122	8,654,085	11,038,468	17,847,837	38,194,630	37,579,965	37,295,970
Working expenses .. £	2,141,735	5,630,182	7,133,617	10,945,727	29,817,970	28,141,984	26,916,168
Per cent. of working expenses on earnings %	54.77	65.06	64.63	61.33	78.07	74.88	72.17
Postal—							
Letters and postcards dealt with No.	67,640,000	157,297,000	220,853,000	453,063,000	561,973,105	731,134,500	790,165,500
Newspapers dealt with No.	29.61	49.07	58.26	100.90	102.01	111.62	118.73
Cheque-paying Banks—	38,063,000	85,280,000	102,727,000	141,638,000	140,477,184	139,502,100	142,039,700
Note circulation £	16.66	26.61	27.10	31.54	25.50	21.30	21.34
Coin & bullion held £	3,978,711	4,417,269	3,399,462	3,718,458	213,868	197,121	169,063
Advances .. £	9,108,243	16,712,923	19,780,528	33,470,770	21,626,832	2,882,026	2,719,214
Deposits .. £	57,732,824	129,741,583	86,352,832	108,578,774	193,435,760	260,917,515	280,631,436
Savings Banks (j)—	53,849,455	98,345,338	91,487,148	143,446,910	273,866,737	319,241,333	343,348,862
Total deposits £	7,854,480	15,536,592	30,882,645	59,393,682	154,396,051	197,966,308	217,972,000
Aver. per head of population £	3/10/5	4/18/7	8/3/0	13/8/5	28/0/4	30/1/11	32/8/3
State Schools—					1921.	1931.	1933.
Number of Schools ..	4,494	6,231	7,012	8,060	9,445	10,097	10,343
Teachers .. No.	9,028	12,564	14,500	16,971	26,120	33,762	32,581
Enrolment ..	432,320	561,153	638,478	638,850	819,042	936,901	929,200
Aver. attendance ..	255,143	350,773	450,246	463,759	666,498	817,262	805,334

(a) Owing to variation in classification and lack of information, effective comparison is impossible.
 (b) British currency values. The recorded values were—Exports, 1931-32, £A108,404,318; and 1934-35, £A112,986,037.
 (c) Australian produce, except gold, which includes re-exports.
 (d) Includes packets.
 (e) Figures for the first three years are averages for the December quarter; the remainder for the June quarter.
 (f) 1934-35 figures.
 (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.—Hunter River coal mines worked. 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. Q'land.—Discovery of Port Curtis and Port Bowen by Flinders. S.A.—Discovery of Spencer's and St. Vincent Gulfs by Flinders.
- 1803 N.S.W.—First Australian wool taken to England by Capt. Macarthur. Issue "The Sydney Gazette," first Australian newspaper. Vic.—Attempted settlement at Port Phillip by Collins. Discovery of Yarra by Grimesd 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 post-master. 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 "Now 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 Savings Bank in Australia 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.—Constituted a 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.—State Savings Bank established.
- 1833 N.S.W.—First School of Arts established at Sydney.
- 1934 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 Qld.—Leichhardt's expedition from Condamine River to Port Essington. S.A.—Sturt's last expedition inland.
- 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. Sydney University founded. 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.
- 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 ascended 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.—Canoona 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 crossed 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 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). 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 Ford 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 free-trade 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. Queensland University founded.
- 1910 Referendum on financial relations between the Commonwealth and the States. Penny Postage. Arrival of the *Yarra* and *Parramatta*, first vessels built for the Royal 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 Federal Capital Territory and Northern Territory to Commonwealth. Introduction of compulsory military training. Launch of 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. Transfer of Norfolk Island to Commonwealth.
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 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 reached 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. R. Birdwood. Visit of Admiral Lord Jellicoe. Peace Treaty signed at Versailles, 28th June.
- 1920 Visit to Australia of H.R.H. the Prince of Wales. Wholesale prices reached a point 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 turned on the site of Federal Parliament House at Canberra.
- 1924 H.M.A.S. *Australia* sunk in accordance with Washington Treaty. Visit of British cruiser squadron. Directorate of Commonwealth Bank appointed. Australian Loan Council formed.
- 1925 Visit of American fleet. Solar Observatory established at Canberra. Brisbane-Grafton railway joining Sydney and Brisbane by uniform gauge was commenced. Sydney Harbour 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.
- 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.

- Year.
- 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 Australia 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. Government deficits total nearly £11,000,000. First Australian—Right Hon. Sir Isaac Alfred Isaacs, G.C.M.G., Chief Justice of the High Court—appointed Governor-General of Australia. 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 assumed control of exchange rate and lowered it to 125. Government deficits total £25,370,000, 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. Legislation passed enabling note reserve to be held in sterling securities, and subsequent shipping of gold to the United Kingdom. Imperial Economic Conference at Ottawa, with consequential tariff agreements. Sugar Agreement modified. Taxation reductions and assistance to wheat-growers. 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. Hon. 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. Record wheat harvest (213,927,000 bushels). Antarctica and Ashmore and Cartier Islands taken over by the Commonwealth. Government deficits reduced to £4,500,000 for 1932-33.

Year.

- 1934 Visit of H.R.H. the Duke of Gloucester to open Victorian Centenary Celebrations. Goodwill Mission to the East—Leader Rt. Hon. J. G. Latham. New Governors in Victoria and South Australia. Deaths of Sir Robert Gibson and Sir Edgeworth David. Record flight from England to Australia by Messrs. Scott and Black (Centenary Air Race) in 71 hours. Inauguration of England-Australia Air Mail Service.
- 1935 Silver Jubilee of His Majesty the King. Visit to London for Jubilee Celebrations of the Rt. Hon. J. A. Lyons, Prime Minister. Empire Statistical Conference at Ottawa. Japanese Goodwill Mission to Australia. Meeting of the British Medical Association for the first time in Australia. Wheat prices touched 4s. a bushel, the highest price for five years. Appointment of Royal Commission to inquire into banking system of Australia. Construction of submarine telephonic cable between mainland and Tasmania.