

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
MELBOURNE.

OFFICIAL
YEAR BOOK

OF THE
COMMONWEALTH OF AUSTRALIA

No. 18.—1925.

Prepared under Instructions from
The Minister of State for Home and Territories,

BY

CHAS. H. WICKENS, F.I.A., F.S.S., Hon. M.S.S. (Paris),
COMMONWEALTH STATISTICIAN AND ACTUARY.

Editor : JOHN STONHAM, M.A.



By Authority :

This page was added on 03 December 2012 to included the Disclaimer below.
No other amendments were made to this Product

DISCLAIMER

Users are warned that this historic issue of this publication series may contain language or views which, reflecting the authors' attitudes or that of the period in which the item was written, may be considered to be inappropriate or offensive today.

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 eighteenth Official Year Book issued under the authority of the Commonwealth Government.

The synopsis on pp. VII. to XXII. immediately following shows the general arrangement of the work. In addition to the ordinary Chapters, each issue contains special articles dealing with some particular subject or subjects of more or less permanent interest. These cannot of course be repeated year after year, but in some instances a brief condensation is given in subsequent issues. While portion of the matter contained in Year Books Nos. 1 to 17 has been reduced to synopses or deleted in the present issue, the special index provided at the end of the volume will assist in tracing it in previous issues.

The present issue contains a specially-contributed article, dealing with "Industrial Hygiene in Australia," placed at the end of Chapter XII., "Public Hygiene."

Amongst the new matter contained in the various Chapters, mention may be made of the sub-section dealing with the Care of the Feeble-minded, which appears in Chapter XI., "Public Benevolence"; the sub-section dealing with "The Chinese," in Chapter XXIV., "Population"; the descriptive matter relating to the Solar Observatory at Canberra, the account of the various investigations into the Wealth of Australia, and the conspectus of Life Assurance Legislation in Chapter XXVI., "Miscellaneous": while the section dealing with the Federal Capital Territory in Chapter XV., "The Territories of the Commonwealth," has been largely re-written.

The full text of the Commonwealth Constitution Act and Amendments appears on pages 20 to 37.

Recent information or returns which have come to hand since the various Chapters were sent to press will be found in the Appendix, p. 1069.

The material contained in each issue is always carefully examined, but it would be idle to hope that all error has been avoided. The Commonwealth Statistician desires to express appreciation of the opportunity afforded him of improving the Year Book, by those who have been kind enough to point out defects or make suggestions.

My best thanks are due to the State Statisticians, to the responsible officers of the various Commonwealth and State Departments, and to others, who have kindly, and often at considerable trouble, supplied information for this issue.

In conclusion, I wish to express my keen appreciation of the valuable work performed by Mr. Stonham, the editor of the Year Book, and also 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, or in some cases of re-writing the Chapters relative to their respective branches.

CHAS. H. WICKENS,
Commonwealth Statistician and Actuary.

CONTENTS.

CHAPTER.	SUBJECT.	PAGE
	STATISTICAL SUMMARY, 1871-1924	xxiii
	CHRONOLOGICAL TABLE OF CHIEF EVENTS	xxv
I.	DISCOVERY, COLONIZATION, AND FEDERATION OF AUSTRALIA ..	1
II.	PHYSIOGRAPHY	50
III.	GENERAL GOVERNMENT	78
IV.	LOCAL GOVERNMENT	101
V.	LAND TENURE AND SETTLEMENT	142
VI.	OVERSEA TRADE	210
VII.	TRANSPORT AND COMMUNICATION	258
VIII.	FINANCE	352
IX.	EDUCATION	436
X.	PUBLIC JUSTICE	472
XI.	PUBLIC BENEVOLENCE	491
XII.	PUBLIC HYGIENE	504
XIII.	LABOUR, WAGES AND PRICES	556
XIV.	DEFENCE	602
XV.	THE TERRITORIES OF THE COMMONWEALTH	616
XVI.	PASTORAL PRODUCTION	658
XVII.	AGRICULTURAL PRODUCTION	684
XVIII.	FARMYARD, DAIRY, AND BEE PRODUCTS	735
XIX.	FORESTRY	748
XX.	FISHERIES	758
XXI.	MINERAL INDUSTRY	764
XXII.	MANUFACTURING INDUSTRY	812
XXIII.	WATER CONSERVATION AND IRRIGATION	865
XXIV.	POPULATION	894
XXV.	VITAL STATISTICS	957
XXVI.	MISCELLANEOUS	1025
XXVII.	STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION ..	1060
	APPENDIX	1069
	GENERAL INDEX	1073
	INDEX TO MAPS, GRAPHS, ETC... .. .	1105
	INDEX TO SPECIAL ARTICLES, ETC., WHICH APPEARED IN PREVIOUS ISSUES	1107

SYNOPSIS.

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

	PAGE		PAGE
§ 1. Early Knowledge of Australia—		§ 5. The Exploration of Australia—	
1. Introduction	1	1. Introduction	9
2. Early Tradition	1	2. Eastern Australia	9
3. Discovery of Australia	1	3. Central Australia	11
4. Discoveries by the English	3	4. Western Australia	11
§ 2. The Annexation of Australia—		§ 6. The Constitutions of the States—	
1. Annexation of Eastern Part of Australia, 1770	4	1. Introduction	13
2. Original Extent of New South Wales	4	2. Early Constitutional History	13
3. Annexation of Western Australia, 1829	4	3. New South Wales	14
§ 3. The Creation of the Several Colonies—		4. Victoria	14
1. New South Wales as Original Colony	5	5. Queensland	15
2. Separation of Van Diemen's Land, 1825	5	6. South Australia	15
3. Extension of New South Wales Westward, 1825	5	7. Western Australia	16
4. Western Australia constituted a Colony, 1829	5	8. Tasmania	16
5. Creation of South Australia as a Province, 1836	6	9. Reservation of Bills	17
6. Separation of New Zealand, 1840	6	§ 7. The Federal Movement in Australia—	
7. The Colony of Northern Australia, 1847	6	1. Early Stages in the Federal Movement	17
8. Separation of Victoria, 1851	6	2. The Federal Council	18
9. Separation of Queensland, 1859	6	3. Formative Stages of the Federal Movement	18
10. The Colonies at the Close of 1859	7	4. Votes on the Question of Federation	19
11. The Changing Boundaries of the Colonies	7	5. Enactment of the Constitution	19
12. The Colonies in 1900	8	§ 8. Creation of the Commonwealth—	
§ 4. Establishment of the Commonwealth of Australia—		1. The Constitution Act	20
1. General	8	2. The Royal Proclamation	37
2. Transfer of the Northern Territory to the Commonwealth	8	§ 9. Commonwealth Administration and Legislation—	
3. Transfer of the Federal Capital Territory to the Commonwealth	8	1. The Commonwealth Parliaments	37
4. Transfer of British New Guinea or Papua	9	2. Governors-General and Ministries	38
5. Transfer of Norfolk Island	9	3. The Course of Legislation	42

CHAPTER II.—PHYSIOGRAPHY.

§ 1. General Description of Australia—		§ 2. Climate and Meteorology of Australia—	
1. Geographical Position	50	<i>continued.</i>	
2. Area of Australia compared with Areas of Other Countries	50	6. Humidity	57
3. Areas of Political Subdivisions	53	7. Evaporation	57
4. Coastal Configuration	54	8. Rainfall	57
5. Geographical Features of Australia	54	9. Remarkable Falls of Rain	60
6. Fauna, Flora, Geology, and Seismology of Australia	54	10. Snowfall	63
§ 2. Climate and Meteorology of Australia—		11. Hail	63
1. Introductory	54	12. Barometric Pressures	63
2. Meteorological Publications	54	13. Wind	63
3. General Description of Australia	55	14. Cyclones and Storms	63
4. Meteorological Divisions	55	15. Influences affecting Australian Climate	64
5. Temperatures	56	16. Rainfall and Temperature, Various Cities	64
		17. Climatological Tables	71

CHAPTER III.—GENERAL GOVERNMENT.

§ 1. Scheme of Parliamentary Government—		§ 2. Parliaments and Elections—	
1. General	78	1. Qualifications for Membership and for Franchise	86
2. Powers and Functions of the Governor-General and of the Governors	78	2. The Federal Parliament	86
3. Governor-General and State Governors	80	3. Federal Elections	86
4. The Cabinet and Executive Government	80	4. Federal Referenda	87
5. Number and Salary of Members of the Legislatures	83	5. The Parliament of New South Wales	89
6. Enactments of the Parliament	86	6. The Parliament of Victoria	90
		7. The Parliament of Queensland	90
		8. The Parliament of South Australia	91
		9. The Parliament of Western Australia	92
		10. The Parliament of Tasmania	93

CHAPTER III.—GENERAL GOVERNMENT—*continued.*

	PAGE		PAGE
§ 3. Cost of Parliamentary Government—		§ 6. Legislation during 1924—	
1. General	93	1. General	96
§ 4. Commonwealth Government Departments	95	2. Commonwealth	96
§ 5. Strength of the Civil Service	95	3. Northern Territory	97
		4. Federal Capital Territory	97
		5. New South Wales	97
		6. Victoria	98
		7. Queensland	98
		8. South Australia	99
		9. Western Australia	99
		10. Tasmania	99
		§ 7. Consular Representatives of Foreign Countries in Australia	100

CHAPTER IV.—LOCAL GOVERNMENT.

§ 1. Introduction—		§ 4. Summary of Municipal Finance—	
1. General	101	1. General	117
2. Municipalities, Shires, etc.	101	2. Number, Revenue, Expenditure and Valuation of Local Authorities	118
3. Water Supply and Sewerage	101	3. Local Government Loans, 1923	118
4. Harbours	101	§ 5. Water Supply, Sewerage and Drainage—	
5. Fire Brigades	101	1. New South Wales	119
§ 2. Government Roads, Bridges, etc.—		2. Victoria	122
1. New South Wales	101	3. Queensland	126
2. Victoria	102	4. South Australia	127
3. Queensland	103	5. Western Australia	130
4. South Australia	104	6. Tasmania	131
5. Western Australia	104	§ 6. Harbour Boards and Trusts—	
6. Tasmania	104	1. New South Wales	132
7. Summary of Loan Expenditure on Roads and Bridges	105	2. Victoria	132
§ 3. Municipalities, Shires, etc.—		3. Queensland	134
1. New South Wales	106	4. Western Australia	135
2. Victoria	109	5. Tasmania	136
3. Queensland	112	§ 7. Fire Brigades—	
4. South Australia	113	1. New South Wales	138
5. Western Australia	114	2. Victoria	138
6. Tasmania	116	3. Queensland	139
7. Northern Territory	117	4. South Australia	140
8. Basis for Municipal Rating and Limits for Rates	117	5. Western Australia	140
		6. Tasmania	141

CHAPTER V.—LAND TENURE AND SETTLEMENT.

§ 1. Introduction—		§ 4. Acquisition of Freehold by way of Conditional Purchase—	
1. General	142	1. New South Wales	150
2. State Land Legislation	142	2. Victoria	152
3. Northern Territory Land Legislation	143	3. Queensland	153
4. Federal Capital Territory Land Legislation	143	4. South Australia	153
5. Administration and Classification of Crown Lands	144	5. Western Australia	154
6. Classification of Tenures	144	6. Tasmania	157
§ 2. Free Grants, Reservations, and Deductions—		§ 5. Leases and Licences under Land Acts—	
1. New South Wales	147	1. New South Wales	158
2. Victoria	147	2. Victoria	163
3. Queensland	147	3. Queensland	164
4. South Australia	147	4. South Australia	166
5. Western Australia	148	5. Western Australia	168
6. Tasmania	148	6. Tasmania	169
7. Northern Territory	148	7. Northern Territory	170
§ 3. Unconditional Purchases of Freehold—		8. Federal Capital Territory	171
1. New South Wales	148	§ 6. Closer Settlement—	
2. Victoria	149	1. New South Wales	172
3. Queensland	149	2. Victoria	174
4. South Australia	150	3. Queensland	175
5. Western Australia	150	4. South Australia	176
6. Tasmania	150	5. Western Australia	177
		6. Tasmania	177
		7. Summary	178

CHAPTER V.—LAND TENURE AND SETTLEMENT—*continued.*

	PAGE		PAGE
§ 7. Leases and Licences under Mining Acts—		§ 10. Advances to Settlers—	
1. New South Wales	179	1. New South Wales	191
2. Victoria	180	2. Victoria	192
3. Queensland	180	3. Queensland	194
4. South Australia	182	4. South Australia	195
5. Western Australia	183	5. Western Australia	197
6. Tasmania	184	6. Tasmania	197
7. Northern Territory	185	7. Northern Territory	199
8. Summary	186	8. Summary of Advances	199
§ 8. Settlement of Returned Soldiers and Sailors—		§ 11. Alienation and Occupation of Crown Lands in the Several States—	
1. New South Wales	187	1. General	200
2. Victoria	187	2. New South Wales	200
3. Queensland	188	3. Victoria	201
4. South Australia	188	4. Queensland	201
5. Western Australia	188	5. South Australia	202
6. Tasmania	189	6. Western Australia	202
7. Summary	190	7. Tasmania	203
§ 9. Tenure of Land by Aliens—		8. Northern Territory	204
1. New South Wales	190	§ 12. Classification of Alienated Holdings According to Size—	
2. Victoria	190	1. General	204
3. Queensland	190	2. Classification of Holdings	205
4. South Australia	191	§ 13. The Progress of Land Settlement—	
5. Western Australia	191	1. Recent Progress	207
6. Tasmania	191	2. Diagram showing Condition of Public Estate	209
7. Northern Territory	191		

CHAPTER VI.—OVERSEA TRADE.

1. Introductory—		§ 5. Direction of Trade—	
1. Constitutional Powers of the Commonwealth in regard to Commerce 210		1. Imports according to Country of Origin	220
§ 2. Commonwealth Legislation Affecting Foreign Trade—		2. Percentage of Imports from Various Countries	221
1. General	210	3. Direction of Exports	222
2. Development of Customs Legislation 210		4. Percentage of Exports to Various Countries	223
3. Customs Tariff 1921 (No. 25 of 1921) 210		5. Principal Imports and Exports—Countries	224
4. Customs Tariff, 1922 (No. 16 of 1922) 211		6. Imports—States, and Total	227
5. Customs Tariff (Sugar) 1922 (No. 32 of 1922)	211	7. Exports—States and Total	227
6. Customs Tariff 1923 (No. 22 of 1923) 211		8. Trade of Principal Ports	228
7. Customs Tariff 1924 (No. 1 of 1924) 211		§ 6. Exports to Eastern Countries—	
8. South African Preference	211	1. Principal Articles Exported	229
9. British Preference	211	2. Destination of Exports	229
10. New Zealand Preference	212	3. Chief Exports to Eastern Countries 230	
11. Tariff Board Act 1921 (No. 21 of 1921)	212	§ 7. Classified Summary of Australian Trade—	
12. Tariff Board Act 1923 (No. 25 of 1923)	212	1. Imports	237
13. Customs Tariff (Industries Preservation) Act 1921 (No. 23 of 1921) 213		2. Exports	237
14. Commerce (Trade Descriptions) Act 1905 (No. 16 of 1905)	214	3. Imports of Merchandise, Specie, and Bullion, 1919-20 to 1923-24	239
15. Acts passed in 1924	214	4. Exports of Merchandise, Specie, and Bullion, 1919-20 to 1923-24	239
§ 3. Method of Recording Imports and Exports—		5. Imports in Tariff Divisions	240
1. Value of Imports	215	§ 8. Excise	240
2. Value of Exports	215	§ 9. Ships' Stores	242
3. Customs Area	215	§ 10. Exports According to Industries—	
4. Statistical Classification of Imports and Exports	215	1. Classification	242
5. The Trade Year	215	2. Effect of Price Changes	243
6. Records of Past Years	216	3. Relative Importance of Industrial Groups	243
7. Ships' Stores	216	4. Australian Production and Exports according to industry	244
§ 4. Oversea Trade—		§ 11. Movement of Specie and Bullion—	
1. Total Oversea Trade	216	1. Imports and Exports	245
2. Ratio between Exports and Imports 218		2. Imports and Exports by Countries 246	

CHAPTER VI.—OVERSEA TRADE—*continued.*

	PAGE		PAGE
§ 12. Effect of Prices on Value of Exports—		§ 14. Trade of the United Kingdom with Australia Compared with that of Competing Countries—	
1. General	246	1. Proportion of Trade from United Kingdom and Competing Countries ..	249
2. Methods of Computation	246	2. Preferential Tariffs	252
3. Effect on Export Values	246	3. Reciprocal Tariffs	253
4. Price-levels of Exports	248	4. Preferential Tariff of the United Kingdom	254
§ 13. External Trade of Australia and Other Countries—		§ 15. Customs Tariff of 1921—	
1. Essentials of Comparisons	248	1. General	255
2. "Special Trade" of Various Countries	248	2. Comparisons with Tariff of 1908-11 ..	255
		§ 16. Commonwealth Trade Representation in Overseas Countries	257

CHAPTER VII.—TRANSPORT AND COMMUNICATION.

A. SHIPPING.

§ 1. System of Record	258
§ 2. Oversea Shipping—	
1. Total Movement	258
2. Comparison with other Countries ..	259
3. Shipping Communication with various Countries	259
4. General Direction of Shipping	259
5. Nationality of Oversea Shipping ..	260
6. Tonnage in Ballast	263
§ 3. Shipping of Ports—	
1. Tonnage Entered	264
§ 4. Vessels Built and Registered—	
1. Vessels Built	265
2. Vessels Registered	265
§ 5. Interstate Shipping—	
1. System of Record	266
2. Vessels and Tonnage Entered	266
3. Oversea Vessels Moving Interstate ..	266
4. Vessels engaged Solely in Interstate Trade	267
5. Total Interstate Movement of Shipping	267
6. Interstate and Coastal Services	268
§ 6. Tonnage of Cargo	268
§ 7. Commonwealth Government Shipping and Shipbuilding Activities—	
1. Local Building Programme	269
2. Vessels Built in the United Kingdom ..	269
3. Financial Position	269
4. Australian Commonwealth Line of Steamers	269
§ 8. World's Shipping Tonnage, 1924-25 ..	270
§ 9. Ferries—	
1. General	270
2. New South Wales	270
3. Victoria	271
4. Queensland	271
5. Western Australia	271
6. Tasmania	271
7. Particulars of Working	271
8. Other Services	271
§ 10. Miscellaneous—	
1. Lighthouses	271
2. Distances by Sea	271
3. Shipping Freight Rates	271
4. Depth of Water at Main Ports	272
5. Shipping Casualties	272
6. Commonwealth Navigation and Shipping Legislation	272

B. RAILWAYS.

§ 1. General—		§ 4. Government Railways Generally—	
1. Introduction	272	1. Summary, Federal and State Government Railways	309
2. Improvement of Railway Statistics ..	272	2. Mileage Open for Traffic	310
3. Railway Communication in Australia ..	272	3. Rolling Stock	311
		§ 5. Private Railways—	
		1. Classification	311
		2. Total Mileage Open, 1923-24	311
		3. Lines Open for General Traffic	312
		§ 6. Comparative Railway Statistics, Various Countries	312

B. RAILWAYS—*continued.*

§ 1. General— <i>continued.</i>	
4. Non-conformity of Gauge	273
5. Rolling Stock Gauges	274
6. Mileage Open for Traffic, all Lines ..	275
7. Comparative Railway Facilities	276
8. Classification of Lines According to Gauge, 1923-24	276
§ 2. Federal Railways—	
1. General	278
2. Northern Territory Railway	278
3. Port Augusta to Oodnadatta Railway	278
4. Federal Capital Territory Railway—Queanbeyan-Canberra	278
5. Trans-Australian Railway (Kalgoorlie to Port Augusta)	279
6. Lines Open, Surveyed, etc.	279
7. Mileage open, Worked, and Train-miles run	279
8. Cost of Construction and Equipment ..	280
9. Gross Revenue	280
10. Working Expenses	282
11. Passenger Journeys and Tonnage of Goods and Live Stock	283
12. Passenger Fares, Goods Rates and Parcel Rates	284
13. Rolling Stock, 1924	285
14. Employees	286
15. Accidents	286
§ 3. State Railways—	
1. Administration and Control of State Railways	287
2. Mileage Open, 1920 to 1924	287
3. Length and Gauge of Railway Systems in each State	288
4. Average Mileage Worked and Train-miles Run	288
5. Lines under Construction and Lines Authorized, 1924	288
6. Cost of Construction and Equipment ..	290
7. Gross Revenue	292
8. Working Expenses	294
9. Net Revenue	296
10. Profit or Loss	299
11. Traffic	300
12. Passenger-mileage and Ton-mileage ..	302
13. Passenger Fares and Goods Rates	305
14. Rolling Stock, 1924	307
15. Employees	308
16. Accidents	308

§ 4. Government Railways Generally—	
1. Summary, Federal and State Government Railways	309
2. Mileage Open for Traffic	310
3. Rolling Stock	311

§ 5. Private Railways—	
1. Classification	311
2. Total Mileage Open, 1923-24	311
3. Lines Open for General Traffic	312
§ 6. Comparative Railway Statistics, Various Countries	312

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

C. TRAMWAYS.		PAGE	F. POSTS, TELEGRAPHS AND TELEPHONES— <i>continued.</i>		PAGE
1. Systems in Operation ..	313		§ 1. Posts— <i>continued.</i>		
2. New South Wales ..	316		7. Transactions of the Dead Letter Offices ..	337	
3. Victoria ..	318		8. Money Orders and Postal Notes ..	337	
4. Queensland ..	320		9. Gross Revenue, Postmaster-General's Department ..	339	
5. South Australia ..	321		10. Expenditure, Postmaster-General's Department ..	340	
6. Western Australia ..	321		11. Balance Sheet of the Postmaster-General's Department ..	341	
7. Tasmania ..	322				
8. Electric Tramways, Australia ..	322				
D. AIRCRAFT.			§ 2. Telegraphs—		
1. General ..	323		1. General ..	342	
2. Foundation of Civil Aviation Department ..	323		2. Telegraph Offices, Length of Lines and Wire ..	342	
3. Activities of Civil Aviation Department ..	323		3. Number of Telegrams Dispatched ..	343	
4. Training of Air Pilots ..	325		4. Letter-telegrams ..	343	
5. Statistical Summary ..	325		5. Wireless Telegraphy and Telephony ..	343	
6. Aerial Surveys ..	326		6. Revenue and Expenditure ..	347	
E. MOTOR VEHICLES.			§ 3. Submarine Cables—		
1. Registration ..	326		1. First Cable Communication with the Old World ..	347	
2. Public Vehicles ..	326		2. The Tasmania-Victoria Cables ..	347	
3. Motor Vehicles Registered, etc. ..	327		3. The Eastern Extension Company's Cables ..	348	
4. Comparative Motor Vehicle Statistics, 1923 ..	327		4. The Pacific Cable ..	348	
			5. New Zealand Cables ..	348	
			6. The New Caledonia Cable ..	349	
			7. Lengths of Cable Routes ..	349	
			8. Cable Business ..	349	
			9. Cable Subsidies Paid ..	349	
F. POSTS, TELEGRAPHS AND TELEPHONES.			§ 4. Telephones—		
§ 1. Posts—			1. Telephone Services ..		
1. The Commonwealth Postal Department ..	328		2. Revenue from Telephones ..		
2. Postal Matter Dealt With ..	328				
3. Postal Facilities ..	329				
4. Registered Letters, Packets, etc. ..	331				
5. Value-payable Parcel and Letter Post ..	331				
6. Sea-borne Mail Services ..	332				

CHAPTER VIII.—FINANCE.

A. COMMONWEALTH FINANCE.		§ 4. Commonwealth Loan Funds and Public Debt—	
§ 1. General—		1. General ..	
1. Financial Provisions of the Constitution ..	352	2. Loans taken over from South Australia ..	
2. Accounts of Commonwealth Government ..	352	3. Loan Fund for Public Works, etc. ..	
		4. Properties Transferred from States ..	
		5. War Loan from the Imperial Government ..	
		6. Flotation of War Loans in Australia ..	
		7. Commonwealth Public Debt ..	
§ 2. Consolidated Revenue Fund—		§ 5. Cost of War and Repatriation—	
DIVISION I. NATURE OF FUND ..		1. General ..	
DIVISION II. REVENUE ..		2. Expenditure from Revenue ..	
1. Total ..	353	3. Expenditure from War Loan Fund ..	
2. Revenue per Head ..	354		
3. Sources of Revenue ..	354		
DIVISION III. EXPENDITURE—		§ 6. Old-Age and Invalid Pensions—	
1. Nature of Commonwealth Expenditure ..	360	1. General ..	
2. Total Expenditure ..	360	2. Old-Age Pensions ..	
3. Details of Expenditure from Consolidated Revenue ..	361	3. Invalid Pensions ..	
		4. Cost of Administration ..	
		5. Summary ..	
DIVISION IV. SUBSIDY PAID TO STATES—		§ 7. Maternity Allowance ..	
1. Payments to the Several States ..	367		
§ 3. Trust Fund and Miscellaneous—		§ 8. War Pensions—	
1. Trust Accounts ..	368	1. General ..	
2. London Flotations on behalf of States ..	368	2. Number of Pensioners ..	
3. Surplus Revenue ..	369	3. Expenditure on War Pensions ..	
		4. Cost of Administration ..	
		§ 9. Commonwealth Public Service Superannuation Fund ..	

CHAPTER VIII.—FINANCE—*continued.*

	PAGE		PAGE
B. STATE FINANCE.		D. PRIVATE FINANCE.	
§ 1. General—		§ 1. Coinage—	
1. Functions of State Governments ..	384	1. Australian Mints ..	407
2. Accounts of State Governments ..	384	§ 2. Cheque-Paying Banks—	
3. Inter-relation of Commonwealth and State Finance ..	384	1. Banking Legislation ..	409
§ 2. State Consolidated Revenue Funds—		2. Banks in Operation ..	411
DIVISION I. REVENUE.		3. Capital Resources ..	412
1. General ..	386	4. Liabilities and Assets ..	412
2. Revenue Received ..	386	5. Percentage of Coin, Bullion and Australian Notes to Liabilities at Call ..	414
3. Sources of Revenue ..	386	6. Deposits and Advances ..	415
DIVISION II. EXPENDITURE.		7. Commonwealth Bank of Australia ..	416
1. General ..	392	8. Clearing Houses ..	417
2. Total Expenditure ..	392	§ 3. Savings Banks—	
3. Details of Expenditure for 1923-24 ..	393	1. General ..	418
DIVISION III. BALANCES.		2. Accounts Open ..	418
1. Position on 30th June, 1924 ..	394	3. Deposits ..	418
§ 3. State Trust Funds—		4. Rates of Interest ..	419
1. Nature ..	394	5. Annual Business ..	419
2. Extent ..	394	6. Commonwealth Savings Bank ..	420
§ 4. State Loan Funds—		§ 4. Companies—	
DIVISION I. LOAN EXPENDITURE		1. General ..	420
1. General ..	399	2. Trustees, Executors and Agency Companies ..	420
2. Loan Expenditure, 1923-24 ..	399	3. Registered Building and Investment Societies ..	421
3. Loan Expenditure, 1919-20 to 1923-24 ..	399	4. Co-operative Societies ..	422
4. Total Loan Expenditure to 30th June, 1924 ..	400	§ 5. Life Assurance—	
DIVISION II. STATE PUBLIC DEBTS.		1. General ..	423
1. General ..	401	2. Companies Transacting Business ..	423
2. Total State Debts, 1920 to 1924 ..	401	3. Australian Business, 1923 ..	424
3. Place of Flotation of Loans ..	402	4. Receipts and Expenditure ..	424
4. Rates of Interest ..	403	5. Liabilities and Assets, 1923 ..	426
5. Interest per Head ..	404	6. New Policies issued in Australia, 1923 ..	428
6. Dates of Maturity ..	404	7. Policies discontinued in Australia, 1922 and 1923 ..	428
7. Sinking Funds ..	406	§ 6. Fire, Marine and General Insurance—	
C. COMMONWEALTH AND STATE PUBLIC DEBTS	406	1. Australasian Business ..	429
		§ 7. Friendly Societies—	
		1. General ..	433
		2. Number of Societies, Lodges and Members ..	433
		3. Sickness and Death Returns ..	433
		4. Revenue and Expenditure ..	434
		5. Funds ..	434
		§ 8. Probates—	
		1. Probates and Letters of Administration ..	435
		2. Intestate Estates ..	435

CHAPTER IX.—EDUCATION.

§ 1. Evolution of Educational Systems in Australia—		§ 4. Free Kindergartens ..	462
1. Educational Systems of the States ..	436	§ 5. Universities—	
2. Recent Development in State Educational Systems ..	436	1. Origin and Development ..	452
§ 2. State Schools—		2. Teachers and Students ..	453
1. General ..	438	3. University Revenue ..	454
2. Returns for Year 1923 ..	438	4. University Expenditure ..	455
3. Growth of Enrolment and Attendance ..	439	5. University Extension ..	455
4. Distribution of Educational Facilities ..	439	6. Workers' Educational Association ..	456
5. Teachers ..	446	§ 6. Technical Education—	
6. Training Colleges ..	447	1. General ..	457
7. Expenditure ..	449	2. New South Wales ..	457
8. School Savings Banks ..	450	3. Victoria ..	458
§ 3. Private Schools—		4. Queensland ..	459
1. Returns for 1923 ..	450	5. South Australia ..	460
2. Growth of Private Schools ..	451	6. Western Australia ..	460
3. Registration of Private Schools ..	451	7. Tasmania ..	461
		8. Expenditure on Technical Education ..	462

CHAPTER IX.—EDUCATION—*continued.*

	PAGE		PAGE
§ 7. Business Colleges and Shorthand Schools	462	§ 9. Miscellaneous—	
§ 8. Diffusion of Education—		1. Scientific Societies	466
1. General Education	463	2. Public Libraries	468
2. Education of Children	464	3. Public Museums	469
3. Education as shown by Marriage Registers	465	4. Public Art Galleries	470
		5. State Expenditure on all Forms of Educational Effort	471

CHAPTER X.—PUBLIC JUSTICE.

§ 1. Police—		§ 4. Prisons—	
1. General	472	1. Prison Accommodation and Prisoners, 1923	482
2. Strength of Police Force	472	2. Prisoners in Gaol, 1919 to 1923	483
3. Duties of the Police	473	3. Improvement of Penological Methods	483
4. Cost of Police Forces	473	4. The Psychology of Crime	485
5. Interstate Police Conferences	474		
§ 2. Lower (Magistrates') Courts—		§ 5. Civil Courts—	
1. General	474	1. Lower Courts	486
2. Powers of the Magistrates	474	2. Superior Courts	486
3. Persons Charged at Magistrates' Courts	475	3. Divorces and Judicial Separations	487
4. Convictions and Commitals	475	4. Probates	487
5. Convictions for Serious Crime	476	5. Bankruptcies	487
6. Decrease in Serious Crime, 1881 to 1923	476	6. High Court of Australia	488
7. Drunkenness	477	7. Commonwealth Court of Conciliation and Arbitration	489
8. First Offenders	479		
9. Children's Courts	479		
10. Commitals to Superior Courts	479		
§ 3. Superior Courts—		§ 6. Cost of Administration of Justice—	
1. Convictions at Superior Courts	480	1. Expenditure by the State	489
2. Offences for which Convictions were Recorded at Superior Courts	480	2. Federal Expenditure	490
3. Habitual Offenders	480		
4. Capital Punishment	482		

CHAPTER XI.—PUBLIC BENEVOLENCE.

§ 1. Introductory—		§ 2. The Larger Charities of Australia— <i>continued.</i>	
1. General	491	6. Care of the Feeble-minded	501
§ 2. The Larger Charities of Australia—		7. Protection of Aborigines	502
1. Hospitals	491	8. Royal Life Saving Society	502
2. Benevolent and Destitute Asylums	494	9. Royal Humane Society	508
3. Orphanages, Industrial Schools, etc.	496	10. Other Charitable Institutions	503
4. Lepers	497	11. Total Expenditure on Charities	503
5. Hospitals for the Insane	497		

CHAPTER XII.—PUBLIC HYGIENE.

§ 1. Public Health Legislation and Administration—		§ 4. Prevention and Control of Infectious and Contagious Diseases— <i>continued.</i>	
1. General	504	5. Commonwealth Serum Laboratories	515
§ 2. Inspection and Sale of Food and Drugs—		6. Health Laboratories	515
1. General	506	7. Industrial Hygiene	515
2. Commonwealth Jurisdiction	506	8. Sanitary Hygiene	515
3. State Jurisdiction	507		
4. Food and Drug Standardization	507	§ 5. Tropical Diseases—	
5. Sale and Custody of Poisons	507	1. General	515
§ 3. Supervision of Dairies, Milk Supply, Etc.—		2. Transmission of Disease by Mosquitoes	516
1. General	508	3. Control of Introduced Malaria and Bilharziasis	516
2. Number of Dairy Premises Registered	508	4. Hookworm	517
3. New South Wales	508	5. Institute of Tropical Medicine, Townsville	518
4. Victoria	508	6. Royal Commission on National Health	518
5. Queensland	509		
6. South Australia	509	§ 6. Medical Inspection of School Children—	
7. Western Australia	509	1. General	518
8. Tasmania	509	2. New South Wales	518
§ 4. Prevention and Control of Infectious and Contagious Diseases—		3. Victoria	519
1. General	509	4. Queensland	519
2. Quarantine	510	5. South Australia	519
3. Notifiable Diseases—		6. Western Australia	520
A. General	510	7. Tasmania	520
B. Venereal Diseases	513		
4. Vaccination	514	§ 7. Supervision and Care of Infant Life—	
		1. General	520
		2. Government Activities	521
		3. Nursing Activities	521

CHAPTER XII.—PUBLIC HYGIENE—*continued.*

	PAGE
INDUSTRIAL HYGIENE IN AUSTRALIA.	
§ 1. Introduction—	
1. Health Risks associated with Industry ..	522
2. Industry as a Factor in Causation of Disease and Death ..	522
3. The Prevention of Sickness and Accidents ..	523
§ 2. Scientific Inquiries into Labour Conditions—	
1. General ..	523
2. Lead Poisoning, Broken Hill, 1893..	523
3. Pneumoconiosis, Tuberculosis, and Pneumonia 1902 to 1904 ..	523
4. Tuberculosis at Bendigo, 1906 ..	523
5. Various Investigations, 1907 to 1911 ..	523
6. Pneumonia at Broken Hill, 1912 ..	523
7. Royal Commission on Mining Industry at Broken Hill, 1914 ..	523
8. Board of Trade Inquiry, N.S.W., re Health of Metalliferous Miners, Rock Choppers, &c., 1918 ..	524
9. Tuberculosis at Bendigo, 1920 ..	524
10. Pulmonary Disease amongst Silica Workers, N.S.W., 1924 ..	524
11. Lead Poisoning at Port Pirie, 1910..	524
12. Lead Poisoning in Painting Industry, N.S.W., 1921 ..	525
13. Royal Commission on Labour Conditions, N.S.W., 1912 ..	525
14. Report on Conditions in Clothing Trade, Melbourne, 1920 ..	525
15. Report on Conditions in Printing Trade, N.S.W., 1924 ..	525
16. Report on Conditions in Flour Milling Industry ..	525
17. Industrial Hygiene ..	525
§ 3. Industrial and Health Legislation—	
1. General ..	531
2. Victoria ..	531
3. South Australia..	534
4. New South Wales ..	534
5. Queensland ..	535

	PAGE
INDUSTRIAL HYGIENE IN AUSTRALIA—<i>continued.</i>	
§ 3. Industrial and Health Legislation— <i>continued.</i>	
6. Western Australia ..	535
7. Tasmania ..	535
8. Commonwealth Division of Industrial Hygiene ..	535
9. State Activities since 1922 ..	538
10. Regulation of Wages and Terms of Contract ..	539
11. Employers' Liability and Workmen's Compensation Acts ..	539
12. Economic Loss by Accidents ..	541
13. Workmen's Compensation in the United States of America ..	542
14. Occupational Diseases and Compensation, Australia ..	543
15. Occupational Diseases, New South Wales ..	544
16. Occupational Diseases, Victoria ..	544
17. Occupational Diseases, Queensland ..	544
18. Mining Legislation ..	545
19. Workmen's Accommodation and Workers' Homes Act ..	545
20. Unemployment Insurance Act, Queensland ..	545
21. The Commonwealth of Australia Navigation Act, 1912-1920 ..	546
22. Administration of Labour Legislation ..	546
23. International Labour Conference, Geneva ..	550
§ 4. Health Measures provided by Employers—	
1. Need for Industrial Medical Services ..	552
2. Provision of Medical Service by Employers ..	552
§ 5. Education in Industrial Hygiene—	
1. General ..	554
2. New South Wales ..	554
3. United States of America ..	555
4. Europe ..	555
5. The Need for Development in Australia..	555

CHAPTER XIII.—LABOUR, WAGES AND PRICES.

A. PRICES.

§ 1. Wholesale Prices—	
1. General ..	556
2. Index-numbers ..	556
3. Fluctuations, July, 1914, to May, 1925 ..	557
§ 2. Retail Prices and House Rents—	
1. Introduction ..	557
2. Scope of Investigation ..	557
3. Variations in Index-numbers for Retail Prices and House Rents, Capital Cities, 1901 to 1924 ..	557
4. Retail Price Index-numbers in Terms of Currency ..	559
5. Variations in Index-numbers, Retail Prices and Housing, Thirty Australian Towns, 1924 ..	560
§ 3. Retail Price Index-numbers, 200 Towns—	
1. General ..	561
2. Detailed Results, 1922 to 1924 ..	562
§ 4. Variations in the Cost of Food, Groceries, Rent, Clothing and Miscellaneous Expenditure—	
1. General ..	566
2. Methods Adopted ..	566
3. Period Selected as Base ..	567
4. Variations in Cost in the Capital Cities ..	567
§ 5. Control of Trade, Prices and House Rents ..	567

B. WAGES.

§ 1. Operations under Wages Boards and Industrial Arbitration Acts—	
1. General ..	567
2. Awards, Determinations, Industrial Agreements ..	568
3. Boards Authorized and Awards, etc., in Force ..	568
§ 2. Rates of Wage and Hours of Labour—	
1. General ..	569
2. Weekly Rates of Wage, 1920 to 1924 ..	570
3. Relative Hours of Labour and Hourly Rates of Wage, 1920 to 1924 ..	573
4. Weighted Average Nominal Weekly Hours of Labour, Adult Males ..	575
5. Nominal and Effective Wages, 1901 to 1924 ..	576
§ 3. Changes in Rates of Wage—	
1. General ..	579
2. Methods by which Changes were Effected, and Results ..	579
3. Number and Effect of Changes ..	580
C. EMPLOYMENT.	
§ 1. Industrial Disputes—	
1. General ..	584
2. Industrial Disputes Involving Stoppage of Work, Classified in Industrial Groups, 1924 ..	584
3. Industrial Disputes, Australia, 1920 to 1924 ..	586

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

C. EMPLOYMENT— <i>continued.</i>		PAGE
§ 1. Industrial Disputes— <i>continued.</i>		
4. Summary of Disputes (Involving Stoppage of Work), 1920 to 1924	586	
5. Duration of Industrial Disputes, 1924	588	
6. Causes of Industrial Disputes, 1914 to 1924	589	
7. Results of Industrial Disputes	590	
8. Methods of Settlement	591	
§ 2. Fluctuations in Employment—		
1. General	592	
2. Unemployment	595	
§ 3. Apprenticeship		

D. ASSOCIATIONS.		PAGE
§ 1. Labour Organizations—		
1. Registration	596	
2. Particulars regarding Trade Unions	597	
3. Central Labour Organizations	599	
4. Laws relating to Conditions of Labour	599	
§ 2. Employers' Associations—		
1. General	600	
2. Employers' Associations in each State	600	
3. Employers' Associations in Industrial Groups	600	
4. Federations of Employers' Associations	601	

CHAPTER XIV.—DEFENCE.

§ 1. Military Defence—		
1. State Systems	602	
2. Commonwealth System	602	
§ 2. Naval Defence—		
1. State Systems	607	
2. Commonwealth System from 1901	608	
3. The Present System	608	
§ 3. Air Defence—		
1. General	610	
2. Establishment	610	
3. Aerial Routes	610	
4. Civil Aviation	610	
§ 4. Expenditure on Defence—		
1. Expenditure, 1901-2 to 1924-25	611	
2. Comparison with other Countries	611	
§ 5. Munitions Supply—		
1. General	612	
2. Factories	612	

§ 6. Remount Depot	613
§ 7. Australian Contingents—	
1. General	613
2. Australian Troops (Great War)	613
§ 8. War Gratuity	
§ 9. Special Defence Legislation	613
§ 10. Repatriation—	
1. General	613
2. Pensions	614
3. Summary of Activities	614
4. Settlement of Soldiers on the Land	614
5. Conspectus of State Laws affecting Settlement of Returned Soldiers on the Land	615
§ 11. War Service Homes	615

CHAPTER XV.—THE TERRITORIES OF THE COMMONWEALTH.

A. GENERAL.

1. Classification	616
2. Forms of Executive Government	616
3. Legislative Power	616
4. Laws	616
5. Finances	617

B. THE NORTHERN TERRITORY.

§ 1. Area and Population—	
1. Introductory	617
2. Area and Boundaries	617
3. Population	617
§ 2. Legislation and Administration—	
1. Transfer to Commonwealth	619
2. Administration	619
3. Northern Territory Ordinances	619
4. Representation in Commonwealth Parliament	620
§ 3. Physiography—	
1. Tropical Nature of the Country	620
2. Contour and Physical Characteristics	620
§ 4. Climate, Fauna and Flora—	
1. The Seasons	620
2. Fauna	620
3. Flora	620
§ 5. Production—	
1. Agriculture	621
2. Pastoral Industry	621
3. Mining	622
4. Pearl, Trepan and Other Fisheries	622
§ 6. Land Tenure	

B. THE NORTHERN TERRITORY—*continued.*

§ 7. Commerce and Shipping—	
1. Trade	623
2. Shipping	623
§ 8. Internal Communication—	
1. Railways	623
2. Posts	624
3. Telegraphs	624
§ 9. Finance—	
1. Revenue and Expenditure, 1923-24	624
2. Northern Territory Debt	624

C. THE FEDERAL CAPITAL TERRITORY.

1. Introductory	625
2. Administration	625
3. Progress of Work	625
4. Lands	627
5. Railways	627
6. Population and Live Stock	628
7. Educational Facilities	628
8. Expenditure	628
9. Revenue	629
10. Military College	629
11. Naval College at Jervis Bay	629

D. NORFOLK ISLAND.

1. Area, Location, etc.	629
2. Settlement	630
3. Administration	630
4. Population	630
5. Live Stock	630
6. Production, Trade, etc.	630
7. Social Condition	631
8. Finances	631

CHAPTER XVI.—PASTORAL PRODUCTION.

	PAGE		PAGE
§ 1. Initiation and Growth of Pastoral Industry—		§ 4. Sheep—	
1. Early Statistics ..	658	1. Initiation of the Pastoral Industry ..	668
2. Subsequent Statistics ..	658	2. Distribution throughout Australia ..	668
3. Increase in Live Stock ..	658	3. Proportion in the Several States and Territories ..	669
4. Fluctuations ..	658	4. Relation to Population ..	669
5. Live Stock in Relation to Population ..	661	5. Comparison with other Countries ..	670
6. Live Stock in Relation to Area ..	661	6. Oversea Imports and Exports of Sheep ..	670
7. Minor Classes of Live Stock ..	661	7. Sheep Slaughtered ..	670
8. Net Exports of Principal Pastoral Products ..	661	8. Production and Consumption of Mutton and Lamb ..	671
		9. Exports of Mutton and Lamb Preserved by Cold Process ..	671
§ 2. Horses—		§ 5. Wool—	
1. Suitability of Australia for Horse-breeding ..	663	1. Importance of Wool Production ..	672
2. Distribution throughout Australia ..	663	2. Greasy and Scoured Wool ..	672
3. Proportions in the Several States and Territories ..	663	3. Production ..	672
4. Relation to Population ..	663	4. Care Needed in Comparing Clips ..	673
5. Comparison with other Countries ..	664	5. World's Wool Production ..	673
6. Oversea Trade in Horses ..	664	6. Wool Locally Used ..	675
		7. Exports of Wool ..	675
§ 3. Cattle—		8. Average Export Value ..	676
1. Purposes for which Raised ..	665	9. Exports and Local Sales of Wool, States, 1923-24 ..	676
2. Distribution throughout Australia ..	665	10. Exports and Local Sales of Wool, Australia, 1895 to 1924 ..	677
3. Proportion in each State ..	665	11. Quantities of Various Descriptions of Wool Sold in each State ..	677
4. Relation to Population ..	666	12. Percentages of Various Descriptions of Wool Sold in each State ..	678
5. Comparison with other Countries ..	666	13. The Wool Market ..	679
6. Imports and Exports of Cattle ..	667	14. United Kingdom Importation of Wool ..	681
7. Cattle Slaughtered ..	667	§ 6. Trade in Hides and Sheepskins—	
8. Production and Consumption of Beef ..	667	1. Extent of Trade ..	682
9. Export of Beef Preserved by Cold Process ..	667	2. Sheepskins with Wool ..	682
10. Beef Subsidy ..	668	3. Sheepskins without Wool ..	682
		4. Hides ..	682

CHAPTER XVII.—AGRICULTURAL PRODUCTION.

§ 1. Introductory—		§ 6. Maize—	
1. Early Attempts at Agriculture ..	684	1. States Growing Maize ..	701
2. The First Sowing ..	684	2. Progress of Maize-growing ..	702
3. Discovery of Suitable Agricultural Land ..	684	3. Australian and Foreign Maize Production ..	703
		4. Price of Maize ..	704
§ 2. Progress of Agriculture—		5. Oversea Imports and Exports ..	704
1. Early Records ..	684	6. Prepared Maize ..	705
2. Progress of Cultivation ..	685	7. Value of Maize Crop ..	705
3. Artificially-sown Grasses ..	686	§ 7. Barley—	
§ 3. Relative Importance of Crops—		1. Progress of Cultivation ..	705
1. Distribution of Crops ..	687	2. Comparison with Other Countries ..	707
2. Relative Areas of Crops in States and Territories ..	687	3. Price of Barley ..	708
3. Area of Chief Crops, Australia, 1919-20 to 1923-24 ..	688	4. Imports and Exports ..	708
		5. Imports and Exports of Malt ..	709
§ 4. Wheat—		6. Value of Barley Crop ..	709
1. Progress of Wheat-growing ..	689	§ 8. Other Grain and Pulse Crops ..	710
2. Australian and Foreign Wheat Yields ..	690	§ 9. Potatoes—	
3. Prices of Wheat ..	692	1. Progress of Cultivation ..	710
4. Imports and Exports of Wheat and Flour ..	695	2. Imports and Exports ..	711
5. Local Consumption of Wheat ..	697	3. Value of Potato Crop ..	712
6. Value of the Wheat Crop ..	698	§ 10. Other Root and Tuber Crops—	
7. Voluntary Wheat Pools ..	698	1. Nature and Extent ..	712
		2. Imports and Exports ..	712
§ 5. Oats—		§ 11. Hay—	
1. Progress of Cultivation ..	698	1. Nature and Extent ..	713
2. Comparison with other Countries ..	699	2. Comparison with Other Countries ..	715
3. Price of Oats ..	700	3. Imports and Exports ..	715
4. Imports and Exports ..	701	4. Value of Hay Crop ..	716
5. Oatmeal, etc. ..	701	§ 12. Green Forage—	
6. Value of Oat Crop ..	701	1. Nature and Extent ..	716
		2. Value of Green Forage Crops ..	716

CHAPTER XVII.—AGRICULTURAL PRODUCTION—*continued.*

§ 13. Sugar-cane and Sugar-beet—	PAGE	§ 16. Minor Crops— <i>continued.</i>	PAGE
1. Sugar-cane	717	9. Nurseries	720
2. Sugar-beet	719	10. Cotton	729
3. Sugar Bounties	720	11. Coffee	730
4. Sugar Purchase by Commonwealth Government	720	12. Other Crops	730
5. Imports and Exports of Sugar	720	§ 17. Bounties on Agricultural Products—	
§ 14. Vineyards—		1. General	730
1. Progress of Cultivation	721	§ 18. Fertilizers—	
2. Imports and Exports of Wine	722	1. General	731
3. Other Viticultural Products	723	2. Fertilizers Acts	731
4. Imports and Exports of Raisins and Currants	724	3. Imports	731
§ 15. Orchards and Fruit Gardens—		4. Exports	732
1. Progress of Cultivation	724	5. Statistics of Use of Fertilizers	732
2. Imports and Exports of Fruit	726	6. Local Production of Fertilizers	733
§ 16. Minor Crops—		§ 19. Ensilage—	
1. General	727	1. Government Assistance in Production	733
2. Market Gardens	728	2. Quantity Made	733
3. Grass Seed	728	§ 20. Agricultural Colleges and Experimental Farms—	
4. Tobacco	728	1. General	734
5. Pumpkins and Melons	728	2. Particulars of Agricultural Colleges and Experimental Farms	734
6. Hops	728	3. Particulars respecting Agricultural and Stock Departments	734
7. Flax	729		
8. Millet	729		

CHAPTER XVIII.—FARMYARD, DAIRY AND BEE PRODUCTS.

§ 1. Introductory—		§ 5. Poultry Farming—	
1. General	735	1. General	742
2. Official Supervision of Industry	735	2. Poultry Products	742
3. Mixed Farming	735	3. Oversea Trade in Poultry Products	743
4. Factory System	735	§ 6. Bee Farming—	
5. Butter and Cheese Factories	736	1. General	743
§ 2. Dairy Cattle and Dairy Products—		2. Production of Honey and Beeswax	744
1. Dairy Herds	736	3. Oversea Trade in Bee Products	745
2. Milk	736	§ 7. Value of Farmyard, Dairy and Bee Products	745
3. Butter and Cheese	737	§ 8. Exports of Australian Farmyard, Dairy and Bee Products	746
4. Concentrated Milk	738	§ 9. British Imports of Dairy Products—	
5. Oversea Trade in Butter, Cheese, and Milk	738	1. Quantities and Values	746
6. Local Consumption of Butter and Cheese	739	2. Butter	747
§ 3. Pigs and Pig Products—		3. Cheese	747
1. Pigs	739	4. Bacon and Ham	747
2. Bacon and Ham	739	5. Pork	747
3. Oversea Trade in Pig Products	740	6. Other Products	747
§ 4. Total Dairy Production	741		

CHAPTER XIX.—FORESTRY.

§ 1. Forestry—		§ 3. Production—	
1. General	748	1. Timber	752
2. Extent of Forests	748	2. Other Forest Products	752
3. Distribution	749	3. Value of Production	752
§ 2. Forestry Departments—		§ 4. Commercial Uses of Principal Australian Timbers—	
1. Functions	749	1. General	753
2. Forest Reservations	749	2. Lack of Uniformity in Nomenclature	753
3. Sylvicultural Nurseries and Plantations	750	§ 5. Oversea Trade—	
4. Revenue and Expenditure	751	1. Imports	753
5. Instruction in Scientific Forestry	751	2. Exports	754
6. Forest Congresses	751	3. Classification of Imports and Exports	755

CHAPTER XX.—FISHERIES.

§ 1. General—		§ 3. Oversea Trade in Fishery Products—	
1. Fish Stocks	758	1. Imports of Fish	762
2. Progress of Industry	758	2. Exports of Fish	762
3. Consumption of Fish	758	3. Exports of Pearl and Other Shell	763
4. Oyster Fisheries	759	§ 4. The Commonwealth Department of Fisheries	763
5. Pearl-shell, Pearls, Bêche-de-Mer, etc.	759	§ 5. The State Trawling Industry—New South Wales	763
§ 2. The Fishery Industry—			
1. Boats and Men Engaged and Take	759		
2. Fish Preserving	761		
3. State Revenue from Fisheries	761		

CHAPTER XXI.—MINERAL INDUSTRY.

	PAGE		PAGE
1. The Mineral Wealth of Australia—		§ 10. Coal—	
1. Place of Mining in Australian Development	764	1. Production in each State	789
2. Extent of Mineral Wealth	764	2. Distribution and Quantity of Coal in each State	790
3. Quantity and Value of Production during 1923	764	3. Production in various Countries	796
4. Value of Production, 1919 to 1923	766	4. Exports	797
5. Total Production to end of 1923	767	5. Consumption in Australia	798
6. Decline in the Metalliferous Industry	767	6. Prices	798
		7. Prices in the United Kingdom	799
		8. Employment and Accidents in Coal Mining	799
2. Gold—		§ 11. Coke—	
1. Discovery in various States	768	1. Production	800
2. Production at various Periods	768		
3. Changes in Relative Positions of States as Gold Producers	769	§ 12. Oil Shale and Mineral Oil—	
4. Methods of Gold Mining adopted in each State	769	1. Production	801
5. Remarkable Masses of Gold	771	2. Expert's Report	802
6. Modes of Occurrence of Gold in Australia	771	3. Exports	802
7. Place of Australia in the World's Gold Production	771	4. Mineral Oil Bounties	802
8. Employment in Gold Mining	772		
§ 3. Platinum and the Platinoid Metals—		§ 13. Other Non-Metallic Minerals—	
1. Platinum	773	1. Alunite	802
2. Osmium, Iridium, etc.	773	2. Asbestos	802
		3. Barytes	803
§ 4. Silver and Lead—		4. Clays and Pigments	803
1. Occurrence in each State	773	5. Felspar	803
2. Development of Silver Mining	773	6. Fluorspar	804
3. Sources of Production	774	7. Fuller's Earth	804
4. World's Production	776	8. Graphite	804
5. Prices	776	9. Gypsum	804
6. Employment in Silver Mining	777	10. Magnesite	804
		11. Phosphate Rock	805
§ 5. Copper—		12. Salt	805
1. Production	777	13. Diatomaceous Earth	805
2. Sources of Production	778		
3. Prices	779	§ 14. Gems and Gemstones—	
4. World's Production of Copper	779	1. Diamonds	806
5. Employment in Copper Mining	779	2. Sapphires	806
		3. Precious Opal	806
§ 6. Tin—		4. Other Gems	807
1. Production	780		
2. Sources of Production	780	§ 15. Numbers Engaged, Wages Paid, and Accidents in Mining—	
3. World's Production	781	1. Total Employment in Mining	807
4. Prices	782	2. Wages Paid in Mining	808
5. Employment in Tin Mining	782	3. Accidents in Mining	808
§ 7. Zinc—		§ 16. State Aid to Mining—	
1. Production	782	1. Introduction	808
2. Prices	782	2. New South Wales	808
		3. Victoria	809
§ 8. Iron—		4. Queensland	809
1. General	783	5. South Australia	809
2. Production	783	6. Western Australia	809
3. Iron and Steel Bounties	786	7. Tasmania	809
4. World's Production of Iron and Steel	786	8. Northern Territory	809
§ 9. Other Metallic Minerals—		§ 17. Commonwealth Government Control of Industrial Metals	810
1. Antimony	786		
2. Arsenic	787	§ 18. Metallic Contents of Ores, etc., Produced and Exported—	
3. Bismuth	787	1. Local Production	810
4. Chromium	787	2. Metallic Contents of Ores, Concentrates, etc., Exported	810
5. Cobalt	787		
6. Lead	788	§ 19. Oversea Exports of Metals, Ores, etc. ..	811
7. Manganese	788		
8. Molybdenum	788		
9. Radium	789		
10. Tungsten	789		
11. Other Metals	789		

CHAPTER XXII.—MANUFACTURING INDUSTRY.

	PAGE		PAGE
§ 1. Number and Classification of Factories—		§ 7. Salaries and Wages Paid and Value of Production— <i>continued</i> .	
1. General	812	5. Total Value of Output	833
2. Number of Factories in each State ..	812	6. Value Added in Process of Manufacture	834
3. Classification of Factories, Australia ..	812	7. Value of Output and Cost of Production	836
4. Classification of Factories, States ..	813		
§ 2. Classification of Factories according to Number of Employees—		§ 8. Value of Land, Buildings, Plant and Machinery—	
1. States	813	1. General	837
2. Australia	814	2. Value of Land and Buildings	837
§ 3. Power Used in Factories—		3. Value of Plant and Machinery	839
1. States	815		
2. Australia	815	§ 9. Individual Industries—	
3. Classes of Industry, States	816	1. General	840
4. Classes of Industry, Australia	816	2. Tanneries	841
§ 4. Employment in Factories—		3. Fellmongering and Wool-scouring Works	842
1. Total Number Employed	817	4. Soap and Candle Factories	842
2. Rates of Increase	818	5. Saw Mills, etc.	844
3. Employees in Classes of Industry, Australia	818	6. Agricultural Implement Works	844
4. Employees in Classes of Industry, States	819	7. Engineering Works, Ironworks, and Foundries	845
5. Employees According to Nature of Employment	819	8. Railway and Tramway Workshops	846
§ 5. Sex Distribution in Factories—		9. Smelting Works, etc.	847
1. Employment of Females	820	10. Bacon-curing Factories	848
2. Distribution of Employees according to Sex	820	11. Butter, Cheese, and Condensed Milk Factories	849
3. Rate of Variation for each Sex	822	12. Meat and Fish Preserving, Ice and Refrigerating Works	850
4. Masculinity of Employees in Factories	823	13. Biscuit Factories	850
5. Employment of Females in Particular Industries	823	14. Jam and Fruit Preserving, Pickles, Sauces, and Vinegar Factories	851
§ 6. Child Labour in Factories—		15. Confectionery Factories	852
1. Conditions of Child Labour	824	16. Flour Mills	853
2. Average Number of Children Employed	824	17. Sugar Mills	853
3. Percentage of Children on Total Number of Employees	825	18. Sugar Refineries	855
4. Industries Employing Child Labour	826	19. Breweries	855
5. Apprenticeship	826	20. Distilleries	856
§ 7. Salaries and Wages Paid and Value of Production—		21. Tobacco, etc., Factories	856
1. General	827	22. Woollen, Cotton, and Tweed Mills	857
2. Salaries and Wages Paid	827	23. Boot Factories	859
3. Value of Fuel and Light Used	831	24. Clothing (Tailoring and Slop) Factories	860
4. Value of Raw Materials Used	832	25. Dressmaking and Millinery Establishments	860
		26. Electroplating, Stereotyping, Printing and Binding Works	861
		27. Coach and Wagon Building Works	862
		28. Cycle and Motor Works	862
		29. Furniture and Cabinet Making and Billiard Table Making Factories	862
		30. Electric Light and Power Works	863
		31. Gas and Coke Works	863

CHAPTER XXIII.—WATER CONSERVATION AND IRRIGATION.

§ 1. Artesian Water—		§ 2. Irrigation—	
1. General	865	1. General	871
2. The Great Australian Artesian Basin ..	865	2. New South Wales	872
3. The Western Australian Basins	865	3. Victoria	875
4. The Murray River Basin	865	4. Queensland	882
5. Plutonic or Meteoric Waters	866	5. South Australia	883
6. Artesian and Sub-Artesian Bores	866	6. Western Australia	887
		7. Murray Waters	887

CHAPTER XXIV.—POPULATION.

§ 1. Enumerations and Estimates	894	§ 3. Distribution and Fluctuation of Population— <i>continued</i> .	
§ 2. Census of 4th April, 1921—		6. Metropolitan Population—Australia and other Countries	899
1. Numbers Enumerated	894	7. Principal Urban Centres	900
2. Increase since Census of 1881	894		
§ 3. Distribution and Fluctuation of Population—		§ 4. Elements of Increase—	
1. Present Number	895	1. Natural Increase	901
2. Growth and Distribution	895	2. Net Immigration	903
3. Increase at Decennial Periods since 1790	897	3. Total Increase	905
4. Area, Population, Masculinity, and Density—States	897	4. Rates of Increase	906
5. Urban and Rural Distribution	898	§ 5. Seasonal Variations of Population—	
		1. Variations in Natural Increase	907
		2. Variations in Net Immigration	908

CHAPTER XXIV.—POPULATION—*continued*

	PAGE		PAGE
§ 6. Influences affecting Increase and Distribution—		§ 10. Immigration— <i>continued</i> .	
1. Mineral Discoveries	909	(B) THE REGULATION OF IMMIGRATION INTO AUSTRALIA.	
2. Pastoral Development	909	1. Pre-Federal Restrictions.	944
3. Agricultural Expansion	909	2. Powers and Legislation of the Commonwealth	945
4. Progress of Manufacturing Industries ..	910	3. Amending Immigration Act 1920 ..	945
5. Influence of Droughts	910	4. Amending Immigration Act 1924 ..	945
6. Assisted Immigration	910	5. Amending Immigration Act 1925 ..	945
7. Other Influences	910	6. Compilation of Statistics	946
§ 7. Density—		7. Persons admitted without Dictation Test	946
1. General	910	8. Departures of persons of Non-European Races	947
2. Position of the British Empire ..	912	9. Immigration—States, etc.	947
§ 8. General Characteristics—		(C) PASSPORTS	948
1. Sex Distribution	913	§ 11. Naturalization—	
2. Age Distribution	915	1. Commonwealth Legislation	948
3. Race and Nationality	918	2. Certificates granted	949
4. Education	929	3. Census Particulars	950
5. Religions	931	§ 12. Population of Territories	950
6. Conjugal Condition	933	§ 13. The Aboriginal Population	951
7. Occupations	934	§ 14. The Chinese in Australia—	
8. Grade of Employment	938	1. General	951
9. Unemployment	939	2. New South Wales	951
§ 9. Dwellings—		3. Victoria	952
1. General	940	4. Queensland	953
2. Occupied Private Dwellings	940	5. South Australia	953
3. Private Dwellings occupied by Tenants	941	6. Western Australia	954
4. Private Dwellings in Urban and Rural Divisions	941	7. Tasmania	954
5. Private Dwellings in Metropolitan Areas	942	8. Northern Territory	955
§ 10. Immigration—		9. Australia	955
(A) THE ENCOURAGEMENT OF IMMIGRATION INTO AUSTRALIA.		10. Half-castes	956
1. General	943		
2. Joint Commonwealth and States' Immigration Scheme	943		
3. Assisted Passages	943		
4. New Migration Agreement between British and Commonwealth Governments	943		
5. Results of Assisted Immigration ..	944		

CHAPTER XXV.—VITAL STATISTICS.

§ 1. Births—		§ 3. Deaths— <i>continued</i> .	
1. Births, 1920 to 1924	957	6. Infantile Deaths and Death Rate ..	982
2. Birth Rates	958	7. Deaths in Age Groups	986
3. Birth Rates of various Countries ..	960	8. Deaths at Single Ages and in Age Groups	986
4. Masculinity of Births	961	9. Deaths of Centenarians	988
5. Ex-nuptial Births	962	10. Length of Residence in Australia of Persons who Died in 1924 ..	988
6. Multiple Births	963	11. Birthplaces of Persons who Died in 1924	989
7. Ages of Parents	964	12. Occupations of Males who Died in 1924	990
8. Birthplaces of Parents	966	13. Index of Mortality	992
9. Occupations of Fathers	968	14. Causes of Death	1000
10. Mother's Age, Duration of Marriage, and Issue	970	15. Deaths from Special Causes	1004
11. Interval between Marriage and First Birth	972	16. Causes of Deaths in Classes	1019
12. Interval between Birth and Registration of Birth	973	17. Causes of Deaths of Children under one year	1019
§ 2. Marriages—		18. Ages at Death of Married Males and Females, and Issue	1020
1. Marriages, 1920 to 1924	974	19. Ages at Marriage of Deceased Males and Females, and Issue	1021
2. Marriage Rates	974	20. Duration of Life after Marriage of Males and Females	1022
3. Marriage Rates in various Countries ..	974	21. Birthplaces of Deceased Married Males and Females, and Issue ..	1022
4. Age and Conjugal Condition at Marriage	975	22. Occupations of Deceased Married Males, and Issue	1023
5. Previous Conjugal Condition	976		
6. Birthplaces of Persons Married ..	976	§ 4. Graphical Representation of Vital Statistics—	
7. Occupations and Ages of Bridegrooms	977	1. General	1023
8. Fertility of Marriages	979	2. Graphs of Annual Births, Marriages, and Deaths	1023
9. Registration of Marriages	979	3. Graphs of Annual Birth, Marriage, and Death Rates, and Rate of Natural Increase	1024
§ 3. Deaths—			
1. Male and Female Deaths, 1920 to 1924	980		
2. Male and Female Death Rates	981		
3. Total Deaths	981		
4. Crude Death Rates	982		
5. Death Rates of various Countries ..	982		

CHAPTER XXVI.—MISCELLANEOUS.

	PAGE		PAGE
§ 1. Patents, Trade Marks, and Designs—		§ 6. The Commonwealth Solar Observatory—	
1. Patents	1025	1. Reasons for Foundation	1033
2. Trade Marks and Designs	1025	2. History of Inauguration	1033
§ 2. Copyright—		3. Site of Observatory	1034
1. Legislation	1026	4. Building	1034
2. Applications and Registrations	1027	5. Equipment	1035
§ 3. Local Option and Reduction of Licences—		6. Observational Work	1035
1. General	1027	7. Staff	1035
2. New South Wales	1027	§ 7. Department of Chemistry, South Australia	1035
3. Victoria	1028	§ 8. State Advisory Council of Science and Industry of South Australia	1035
4. Queensland	1029	§ 9. Valuation of Commonwealth Production—	
5. South Australia	1030	1. Value of Production	1036
6. Western Australia	1030	2. Relative Productive Activity	1036
7. Tasmania	1031	§ 10. Wealth of Australia—	
§ 4. Lord Howe Island—		1. Methods of Estimating	1038
1. Area, Location, etc.	1032	2. Inventory Estimates, Private Wealth, 1813 to 1921	1038
2. Settlement	1032	3. Estimated Value of Government and Municipal Property, 1915 and 1921	1041
3. Population	1032	§ 11. Conspectus of Australian Life Assurance Legislation	1041
4. Production, Trade, etc.	1032		
§ 5. Commonwealth Institute of Science and Industry—			
1. General	1032		
2. Work of the Institute	1033		
3. Publications	1033		

CHAPTER XXVII.—STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION.

1. General—		§ 3. Bibliography of Recent Works on Australia—	
1. Development of Australian Statistics	1060	1. General	1066
2. Sources of Information	1064	2. Works on Special Subjects	1068
2. Statistical Publications of Australia—			
1. General	1065		
2. Commonwealth Publications	1065		
3. State Publications	1066		

APPENDIX.

Chapter I.—Discovery, etc.—

§ 9. Commonwealth Legislation—	
1. The Commonwealth Parliament	1069
2. Governors-General	1069

Chapter III.—General Government—

§ 1. Scheme of Parliamentary Government—	
4. The Cabinet and Executive Government	1069
§ 6. Legislation during 1924	1069

Chapter V.—Land Tenure and Settlement—

§ 1. Introduction—	
4. Federal Capital Territory Land Legislation	1070
§ 3. Settlement of Returned Soldiers and Sailors—	
7. Summary	1070

Chapter VI.—Oversea Trade—

§ 4. Oversea Trade—	
1. Total Oversea Trade	1070
§ 16. Commonwealth Trade Representation in Oversea Countries	1070

Chapter VIII.—Finance—

(A) COMMONWEALTH FINANCE.	
§ 2. Consolidated Revenue Fund.—Division II., Revenue—	
1. Total	1070
2. Revenue per Head	1070

Chapter VIII.—Finance—continued.

DIVISION III.—EXPENDITURE.

2. Total Expenditure	1070
§ 4. Commonwealth Loan Funds and Public Debt—	
7. Commonwealth Public Debt	1071

Chapter XII.—Public Hygiene—Industrial Hygiene in Australia—

§ 2. Scientific Inquiries into Labour Conditions—	
2. Lead Poisoning, Broken Hill	1071

Chapter XVII.—Agricultural Production—

§ 4. Wheat—	
7. Voluntary Wheat Pools	1071

Chapter XXI.—Mineral Industry—

§ 1. The Mineral Wealth of Australia—	
3. Value of Production during 1924	1072

Chapter XXIV.—Population—

§ 3. Distribution and Fluctuation of Population—	
1. Present Number	1072

STATISTICAL SUMMARY.

STATISTICAL SUMMARY, AUSTRALIA, 1871 TO 1924.

Heading.		Years.						
		1871.	1881.	1891.	1901.	1911.	1921.	1924.
Population ..	Males	928,918	1,247,059	1,736,617	2,004,836	2,382,232	2,798,727	2,996,848
	Females	771,970	1,059,677	1,504,368	1,820,077	2,191,554	2,710,346	2,876,655
	Total	1,700,888	2,306,736	3,240,985	3,824,913	4,573,786	5,509,073	5,873,503
Births ..	No.	63,625	80,004	110,187	102,945	122,193	136,198	134,927
	Rate	38.00	35.26	34.47	27.16	27.21	24.95	23.24
Deaths ..	No.	22,175	33,327	47,430	46,330	47,869	54,076	54,980
	Rate	13.24	14.69	14.84	12.22	10.66	9.91	9.47
Marriages ..	No.	11,623	17,244	23,862	27,753	39,482	46,869	45,869
	Rate	6.94	7.60	7.47	7.32	8.79	8.59	7.90
Agriculture—								
Wheat ..	Area, acs.	1,279,778	3,002,064	3,335,528	5,115,965	7,427,834	9,719,042	10,802,896
	Yld., bshl.	11,917,741	21,443,862	25,675,265	38,561,619	71,636,347	129,088,806	166,016,076
	Av. "	9.31	7.14	7.70	7.54	9.64	13.28	15.37
Oats ..	Area, acs.	225,492	194,816	246,129	461,430	616,794	733,406	1,076,930
	Yld., bshl.	4,251,630	4,795,897	5,726,256	9,789,854	9,561,833	12,147,433	17,303,325
	Av. "	18.85	24.62	23.27	21.22	15.50	16.56	16.07
Barley ..	Area, acs.	48,164	75,864	68,068	74,511	116,466	298,910	258,775
	Yld., bshl.	726,158	1,353,380	1,178,560	1,519,819	2,056,836	6,085,685	4,975,451
	Av. "	15.08	17.84	17.31	20.40	17.66	20.36	19.23
Malze ..	Area, acs.	142,078	165,777	284,428	294,849	340,065	305,186	316,307
	Yld., bshl.	4,576,635	5,726,266	9,261,922	7,034,786	8,939,855	7,840,438	8,114,733
	Av. "	32.21	34.54	32.56	23.86	26.29	25.69	25.65
Hay ..	Area, acs.	303,274	768,388	942,166	1,688,402	2,518,351	2,994,519	3,406,226
	Yld., tons	375,871	767,194	1,067,255	2,024,608	2,867,973	3,902,189	4,051,934
	Av. "	1.24	1.00	1.13	1.20	1.14	1.30	1.19
Potatoes(n) ..	Area, acs.	67,911	76,265	112,884	109,685	130,463	149,144	134,352
	Yld., tons	212,896	243,216	380,477	322,524	301,489	388,091	447,570
	Av. "	3.13	3.19	3.37	2.94	2.31	2.60	3.33
SugarCane(d) ..	Area, acs.	11,576	19,708	45,444	86,950	101,010	197,293	237,280
	Yld., tons	176,632	349,627	737,573	1,367,802	1,682,250	2,436,890	2,177,892
	Av. "	15.25	17.74	16.23	15.73	16.65	18.99	14.97
Vineyards ..	Area, acs.	16,253	14,570	48,882	63,677	60,602	92,414	112,965
	Wine, gal.	2,104,000	1,488,000	3,535,000	5,816,087	4,975,147	8,562,573	14,663,881
Total value all agricul- tural production ..		£ 8,941,000	15,519,000	16,480,000	23,835,000	38,774,000	81,889,700	81,124,612
Pastoral, dairying, etc.—								
Live Stock	Sheep No.	40,072,955	65,092,719	106,421,068	72,340,211	93,003,521	82,226,470	80,110,461
	Cattle "	4,277,228	8,010,991	11,112,112	8,491,428	11,828,954	14,441,809	13,357,508
	Horses "	701,530	1,088,029	1,584,737	1,620,420	2,278,226	2,438,182	2,327,440
Wool prod., lb. greasy	Pigs	586,017	703,188	845,888	931,309	1,110,721	960,385	897,874
	Butter production lbs.	(c)	(c)	47,433,564	101,671,066	211,573,745	267,071,340	590,820,185
Cheese "	" "	(c)	(c)	19,146,929	11,575,692	15,886,712	32,653,003	226,665,853
	Bacon and ham "	(c)	(c)	(c)	34,020,629	53,264,652	58,614,459	25,380,625
Total estimated value of pastoral and dairying production ..		£ 20,736,000	20,538,000	39,256,000	36,890,000	69,832,000	113,671,000	144,955,000
Mineral production—								
Gold ..	" "	£ 7,916,627	5,194,390	5,281,309	14,017,508	10,551,624	4,018,685	3,143,824
	Silver and lead	£ 36,528	45,622	3,736,352	2,367,687	3,022,177	1,539,992	4,828,069
Copper ..	" "	£ 830,242	714,093	367,373	2,215,431	2,564,278	803,057	976,030
	Tin ..	£ 24,020	1,145,889	560,502	448,234	1,209,973	418,418	740,927
Zinc ..	" "	£ 369	200	2,979	4,067	1,415,169	283,455	1,391,339
	Coal ..	£ 330,759	637,865	1,914,026	2,602,770	3,929,673	11,014,831	13,592,157
Total value all mineral production ..		£ 9,190,330	7,820,290	12,108,759	21,922,665	23,494,324	19,977,384	24,672,346
Forestry production—								
Quantity of local tim- ber sawn or hewn 1,000 sup. ft.		(c)	(c)	(c)	452,131	604,794	590,495	670,028
Manufactories—								
No. of factories	" "	(b)	(b)	(b)	(b)	14,455	18,023	20,189
	Hands employed	(b)	(b)	(b)	(b)	311,710	395,425	429,990
Wages paid	" "	(b)	(b)	(b)	(b)	27,528,371	68,050,561	77,278,265
	Total value of output	(b)	(b)	(b)	(b)	133,022,090	320,331,765	348,577,583
Value added in process of manufacture		(b)	(b)	(b)	(b)	51,259,004	121,674,119	141,242,417

(a) Partly estimated 1871 and 1881. (b) Owing to variation in classification and lack of information effective comparison is impossible. (c) Information not available. (d) Area of productive cane. (e) 1923 figures.

STATISTICAL SUMMARY.—AUSTRALIA, 1871 TO 1924—continued.

Heading.	Years.						
	1871.	1881.	1891.	1901.	1911.	1921.	1924.
Shipping—							
Oversea vessels { No. 2,748 3,284 3,778 4,028 4,174 3,674 3,122							
ent. & cleared { ton. 1,312,642 2,549,364 4,726,307 6,541,991 9,984,801 9,503,018 9,922,814							
Commerce (c)—							
Imports oversea £ 17,017,000 29,067,000 37,711,000 42,434,000 66,967,488 103,066,436 157,097,465							
“ per head £ 10/3/3 12/16/2 11/16/0 11/3/11 14/18/2 18/14/1 26/14/11							
Exports oversea £ 21,725,000 27,528,000 36,043,000 49,696,000 79,482,258 127,846,535 161,106,111							
“ per head £ 12/19/6 12/2/8 11/5/6 13/2/2 17/13/10 23/4/1 27/8/7							
Total oversea trade £ 38,742,000 56,595,000 73,754,000 92,130,000 146,449,746 230,912,971 318,203,576							
“ per head £ 23/2/9 24/18/10 23/1/6 24/6/1 32/12/0 41/18/2 54/3/6							
Customs and excise duties £ (e) 4,809,326 7,440,869 8,656,530 13,515,005 27,565,199 37,216,951							
“ per head, £ (e) 2/2/5 2/8/7 2/5/8 2/19/2 5/0/1 6/6/9							
Principal Oversea Exports (a)—							
Wool { lbs. (greasy) 176,635,800 328,369,200 619,259,800 518,018,100 720,364,900 927,833,700 578,998,734							
£ 9,459,629 13,173,026 19,940,029 15,237,454 26,071,193 47,977,044 63,192,445							
Wheat { cents 479,954 3,218,792 5,876,875 12,156,035 33,088,704 59,968,334 61,803,562							
£ 193,732 1,189,792 1,938,864 2,774,643 9,641,608 28,644,155 34,413,386							
Flour { tons 12,988 49,549 33,363 96,814 175,891 359,734 448,047							
£ 170,415 519,635 328,423 589,604 1,391,529 5,519,881 6,186,275							
Butter { lbs. 1,812,700 1,298,800 4,239,500 34,607,400 101,722,100 127,347,400 145,281,285							
£ 45,813 39,383 206,868 1,451,168 4,637,362 7,968,078 10,006,081							
Skins and hides £ 100,123 316,878 873,695 1,250,938 3,227,236 3,136,810 8,149,117							
Tallow .. £ 914,278 644,149 571,069 677,745 1,935,836 1,441,795 1,729,295							
Meats .. £ 566,780 362,965 460,894 2,611,244 4,303,159 5,542,102 7,001,821							
Timber (undressed) £ 42,586 118,117 38,448 731,301 1,023,960 1,158,166 1,579,627							
Gold £ 7,184,833 6,445,365 5,703,532 14,315,741 12,045,766 3,483,239 956,403							
Silver and lead £ 37,891 57,954 1,932,278 2,250,253 3,212,584 2,697,130 5,822,095							
Copper .. £ 598,538 676,515 417,687 1,619,145 2,345,961 705,358 235,982							
Coal .. £ 134,355 361,081 645,972 986,957 900,622 1,099,899 1,079,578							
Govt. Railways—							
Length of line open, mls. 970 3,832 9,541 12,579 16,078 23,296 24,484							
Capital cost £ 19,269,786 42,741,350 99,764,090 123,223,779 152,194,603 237,479,693 263,293,099							
Gross revenue £ 1,102,650 3,910,122 8,654,085 11,038,468 17,847,837 35,936,900 41,384,941							
Working expenses £ 608,332 2,141,735 5,630,182 7,133,617 10,945,727 29,069,954 30,851,274							
Per cent. of work'g expenses on earnings % 55.17 54.77 65.06 64.63 61.33 83.39 74.56							
Postal—							
Letters and postcards dealt with No. 24,382,000 67,640,000 157,297,000 220,853,000 453,063,000 569,343,456 643,403,000							
“ per head 14.54 29.61 49.07 58.26 100.90 104.36 110.86							
Newspapers dealt with No. 3,336,000 38,063,000 85,230,000 102,727,000 141,638,000 130,882,425 162,772,000							
“ per head 7.95 16.66 26.61 27.10 31.54 24.18 28.05							
Cheque-paying Banks—							
Note circulation £ 2,456,487 3,978,711 4,417,269 3,406,175 876,428 211,187 202,875							
Coin & bullion held £ 6,168,869 9,108,243 16,712,923 19,737,572 30,024,225 22,092,371 31,730,324							
Advances £ 26,039,573 57,732,824 129,741,583 89,167,499 116,769,133 233,214,626 209,401,240							
Deposits £ 21,856,959 53,849,455 98,345,338 90,965,530 147,103,081 273,866,737 321,594,080							
Savings Banks—							
Number of accounts open 100,713 250,070 614,741 964,553 1,600,112 3,327,456 3,798,662							
Total deposits £ 3,193,285 7,854,480 15,536,592 30,882,645 59,393,682 154,396,051 176,871,477							
Aver. per account £ 31/14/2 31/8/2 25/5/6 32/0/4 37/2/4 46/8/0 46/11/3							
“ per head of population £ 1/18/9 3/10/5 4/18/7 8/3/0 13/8/5 28/0/4 30/9/6							
State Schools—							
Number of schools .. 2,502 4,494 6,231 7,012 8,060 9,445 (d) 10,053							
Teachers .. No. 4,641 9,028 12,564 14,500 16,971 26,120 (d) 26,906							
Enrolment .. 236,710 452,320 561,153 638,478 638,580 819,042 (d) 848,882							
Aver. attendance .. 137,767 255,143 350,773 450,246 463,799 666,498 (d) 685,233							

(a) Australian produce, except gold, which includes re-exports. Preliminary figures for 1924. (b) Decrease due to prohibition of re-issue. (c) Figures for Commerce for years 1921 and 1924 relate to year ended 30th June following. (d) 1923 figures. (e) Not available.

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 (now Port Jackson). Formal possession of Port Jackson taken by Captain Phillip on 26th January. 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. Outbreak of small-pox amongst aborigines.
- 1790 N.S.W.—"Second Fleet" reached Port Jackson. Landing of the New South Wales Corps. Severe suffering through lack of provisions. First circumnavigation of Australia by Lieut. Ball.
- 1791 N.S.W.—Arrival of "Third Fleet." Territorial seal brought by Governor King.
- 1792 N.S.W. Visit of *Philadelphia*, first foreign trading vessel.
- 1793 N.S.W.—First free immigrants arrived in the *Bellona*. First Australian church opened at Sydney. Tas.—D'Entrecasteaux discovered the Derwent River.
- 1794 N.S.W.—Establishment of settlement at Hawkesbury River.
- 1795 N.S.W.—Erection of the first printing press at Sydney. Descendants of strayed cattle discovered at Cowpastures, Nepean River.
- 1796 N.S.W.—First Australian theatre opened at Sydney. Coal discovered by fishermen at Newcastle.
- 1797 N.S.W.—Introduction of merino sheep from Cape of Good Hope.
- 1798 Tas.—Insularity of Tasmania proved by voyage of Bass and Flinders.
- 1800 N.S.W.—First export of coal. First Customs House in Australia established at Sydney. Flinders' charts published.
- 1801 N.S.W.—First colonial manufacture of blankets and linen.
- 1802 Vic.—Discovery of Port Phillip by Lieut. Murray. S.A.—Discovery of Spencer's and St. Vincent Gulfs by Flinders. Q'land.—Discovery of Port Curtis and Port Bowen by Flinders.
- 1803 N.S.W.—First Australian wool taken to England by Capt. Macarthur. Issue of "The Sydney Gazette," first Australian newspaper. Vic.—Attempted settlement at Port Phillip by Collins. Discovery of Yarra by Grimes. Tas.—First settlement formed at Risdon by Lieut. Bowen.
- 1804 N.S.W.—Insurrection of convicts at Castle Hill. Vic.—Abandonment of settlement at Port Phillip. Tas.—Foundation of settlement at Hobart by Collins, and at Yorktown by Colonel Paterson.
- 1805 N.S.W.—First extensive sheep farm established at Camden by Capt. Macarthur. Portion of convicts from Norfolk Island transferred to Tasmania.
- 1806 N.S.W.—Shortage of provisions. Tas.—Settlement at Launceston.
- 1807 N.S.W.—Final shipment of convicts from Norfolk Island. First shipment of merchantable wool (245 lbs.) to England.
- 1808 N.S.W.—Deposition of Governor Bligh.
- 1809 N.S.W.—Isaac Nichols appointed to supervise delivery of overseas letters.
- 1810 N.S.W.—Post-office officially established at Sydney. Isaac Nichols first postmaster. First race meeting in Australia at Hyde Park, Sydney. Tas.—First Tasmanian newspaper printed.
- 1813 N.S.W.—Passage across Blue Mountains discovered by Wentworth, Lawson, and Blaxland. Macquarie River discovered by Evans.
- 1814 N.S.W.—Australia, previously known as "New Holland," received present name on recommendation of Flinders. Creation of Civil Courts.

Year.

- 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.
- 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 opened at Sydney.
- 1818 N.S.W.—Cessation of free immigration. Liverpool Plains, and the Peel, Hastings, and Manning Rivers discovered by Oxley, and Port Essington by Captain King.
- 1819 N.S.W.—First Australian Savings Bank opened at Sydney.
- 1820 Tas.—First importation of pure merino sheep.
- 1821 Tas.—Establishment of penal settlement at Macquarie Harbour.
- 1823 N.S.W.—First Australian Constitution. Discovery of gold at Fish River by Assistant-Surveyor McBrien. Qld.—Brisbane River discovered by Oxley.
- 1824 N.S.W.—Erection into Crown Colony. Executive Council formed. Establishment of Supreme Court at Sydney, and introduction of trial by jury. First Australian Enactment (Currency Bill) passed by the Parliament at Sydney. 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. Feverish speculation in land and stock. Qld.—Darling Downs and the Condamine River discovered by Allan Cunningham. W.A.—Military Settlement founded at King George's Sound by Major Lockyer.
- 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. S.S. *Surprise*, first steamship built in Australia, launched at Sydney. First coal shipped from Australian Agricultural Company's workings at Newcastle, N.S.W. First assisted immigration to N.S.W. S.A.—Wakefield's first colonization committee. W.A.—Appointment of Executive and Legislative Councils.
- 1832 N.S.W.—Savings Bank of N.S.W. established.
- 1833 N.S.W.—First School of Arts established at Sydney.
- 1834 N.S.W.—First settlement at Twofold Bay. Vic.—Settlement formed at Portland Bay by Henty Bros. Qld.—Leichhardt reached Gulf of Carpentaria. S.A.—Formation of the South Australian Association. W.A.—Severe reprisals against natives at Pinjarrah.
- 1835 Vic.—John Batman arrived at Port Phillip; made treaty with the natives for 600,000 acres of land; claim afterwards disallowed by Imperial Government. John Pascoe Fawcner founded Melbourne.
- 1836 N.S.W.—Mitchell's overland journey from Sydney to Cape Northumberland, Vic., "Squatting" formally recognized. Vic.—Proclamation of Port Phillip district as open for settlement. S.A.—Settlement founded at Adelaide under Governor Hindmarsh.

- Year.**
- 1837 N.S.W.—Appointment in London of Select Committee on Transportation. Vic.—Melbourne planned and named by Governor Bourke. First Victorian post-office established in Melbourne. 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. Separation of New Zealand. W.A.—Completion of Eyre’s overland journey from Adelaide to King George’s Sound. Tas.—Renewal of transportation.
- 1842 N.S.W.—Incorporation of Sydney. Vic.—Incorporation of Melbourne. S.A.—Discovery of copper at Kapunda.
- 1843 N.S.W.—First Representative Constitution (under Act of 1842). First manufacture of tweed. Qld.—Moreton Bay granted legislative representation.
- 1844 S.A.—Sturt’s last expedition inland. Qld.—Leichhardt’s expedition from Condamine River to Port Essington.
- 1845 N.S.W.—Mitchell’s explorations on the Barcoo. Qld.—Explorations by Mitchell and Kennedy. S.A.—Discovery of the Burra copper deposits. Sturt discovered Cooper’s Creek.
- 1846 N.S.W.—Initiation of meat preserving. Qld.—Foundation of settlement at Port Curtis. S.A.—Proclamation of North Australia. W.A.—Foundation of New Norcia Mission.
- 1847 N.S.W.—Iron smelting commenced near Berrima. Overland mail established between Sydney and Adelaide. Vic.—Melbourne created a City. Qld.—Explorations by Leichhardt, Burnett, and Kennedy.
- 1848 Qld.—Leichhardt’s last journey. Kennedy speared by the blacks at York Peninsula. Chinese brought in as shepherds.
- 1849 N.S.W.—Indignation of colonists at arrival of convict ship *Hashemy*. Exodus of population to goldfields of California. Vic.—Randolph prevented from landing convicts. Qld.—Assignment of convicts per *Hashemy* to squatters on Darling Downs. W.A.—Commencement of transportation to Western Australia.
- 1850 N.S.W.—Final abolition of transportation. First sod of first Australian railway turned at Sydney. Vic.—Gold discovered at Clunes by Hon. W. Campbell. Representative government granted. S.A.—Representative government granted. W.A.—Pearl oysters found by Lieut. Helpman at Saturday Island Shoal. Tas.—Representative government granted.
- 1851 N.S.W.—Payable gold discovered by Hargraves at Lewis Ponds and Summerhill Creeks. 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, when several persons died and a vast amount of damage to property was occasioned by fires. W.A.—Proclamation of Legislative Council Act.
- 1852 N.S.W.—Arrival of the *Chusan*, first P. and O. mail steamer from England. S.A.—First steamer ascends the Murray River to the junction with the Darling. Tas.—Meeting of first elective Council protests against transportation. Payable gold discovered at The Nook, near Fingal, and at Nine Mile Springs.
- 1853 Tas.—Abolition of transportation.
- 1854 Vic.—Opening of first Victorian railway—Flinders-street to Port Melbourne. Riots on Ballarat goldfields. 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).

Year.

- 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.
- 1861 N.S.W.—Anti-Chinese riots at Lambing Flat and Burrangong goldfields. 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 goldfield.
- 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.
- 1875 Qld.—Transfer of Port Albany Settlement to Thursday Island.
- 1876 N.S.W.—Completion of cable—Sydney (La Perouse) to Wellington (Wakapuaka). W.A.—Giles crosses colony from east to west. Tas.—Death of Truganini, last representative of Tasmanian aborigines.
- 1877 W.A.—Opening of telegraphic communication with South Australia.
- 1878 Qld.—Restriction of Chinese immigration.
- 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. Federal Conference at Melbourne and Sydney.
- 1881 N.S.W.—Further restrictions on Chinese immigration. Visit to Australia of T.R.H. Prince Albert Victor and Prince George.
- 1882 N.S.W.—Garden Palace destroyed by fire. W.A.—Nugget of gold found between Roebourne and Cossack.
- 1883 N.S.W.—Discovery of silver at Broken Hill. Completion of railway between New South Wales and Victoria. Qld.—Annexation of New Guinea—repudiated by Imperial authorities. Federal Conference held at Sydney. Federal Council created.

Year.

- 1884 Federation Bill passed in Victoria and rejected in New South Wales. British protectorate declared over New Guinea.
- 1885 N.S.W.—Military contingent sent to the Sudan. Opening of the Broken Hill Proprietary Silver Mines. W.A.—Gold found by prospectors on the Margaret and Ord Rivers in the Kimberley district Tas.—Silver-lead discovered at Mount Zeehan.
- 1886 Tas.—Discovery of gold and copper at Mount Lyell.
First session of Federal Council met at Hobart on the 26th January.
- 1887 N.S.W.—Disaster at Bulli coal mine (81 lives lost). Peat's Ferry (Hawkesbury River) railway accident. S.A.—International Exhibition at Adelaide. W.A.—Cyclone destroyed nearly the whole pearling fleet off the Ninety-Mile Beach—200 lives lost. Gold discovered at Southern Cross.
Australasian 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.
- 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.
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 at Hobart *re* Federation.
- 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.
- 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.
- 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 Goldfields water supply. Completion of Pacific Cable (all-British)
First Federal Tariff.
- 1903 Vic.—Railway Strike (Enginemen). 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.

Year.

- 1907 N.S.W.—Telephone, Sydney to Melbourne, opened. Imperial Conference in London.
- 1908 Vic.—Railway accident at Braybrook Junction (Sunshine)—44 killed, 412 injured; compensation paid, £126,000. Canberra chosen as site of Federal Capital.
- 1909 Imperial Defence Conference in London—Commonwealth ordered two destroyers and one first-class cruiser for fleet unit. Visit of Lord Kitchener to report and advise on Commonwealth military defence. Loss of the *Waratah* with 300 passengers and crew.
- 1910 Vic.—Railway accident at Richmond—9 killed, over 400 injured; compensation paid, £129,000. Referendum on financial relations between the Commonwealth and the States. Penny postage. Arrival of the *Yarra* and *Parramatta*, first vessels of Australian navy. Australian Notes Act passed and first Commonwealth notes issued. Admiral Sir R. Henderson visited Australia to advise on naval defence.
- 1911 First Federal Census. Transfer of Northern Territory to Commonwealth. Introduction of compulsory military training. Launch of Commonwealth destroyer *Warrego* at Sydney. Establishment of penny postage to all parts of British Empire.
- 1912 Opening of Commonwealth Bank. First payments of Maternity Bonus. First sod turned at Port Augusta of Trans-Australian Railway (Port Augusta to Kalgoorlie). Gift of £1,000,000 to charities by Mrs. Walter Hall, Sydney, N.S.W.
- 1913 Arrival of battle cruiser *Australia*, and cruisers *Melbourne* and *Sydney*. Federal Capital named Canberra and foundation stone laid. Appointment of Interstate Commission.
- 1914 Visit of General Sir Ian Hamilton to report on military defence scheme. Double dissolution of Federal Parliament. Visit of British Association for the Advancement of Science. European War. Australian Navy transferred to Imperial Navy. Australian troops offered to, and accepted by Imperial Government. Captured vessels added to Australian fleet. Submarine AE1 lost at sea whilst on service in the vicinity of New Britain. German Pacific possessions seized by Australian expeditionary force (military and naval). German Cruiser *Emden* destroyed at North Cocos Island by H.M.A.S. *Sydney*.
- 1915 Opening of Broken Hill Proprietary's Ironworks at Newcastle, N.S.W. Navy Department created. Australian troops landed at Dardanelles on 25th April. Loss of Submarine AE2 in operations at the Dardanelles. Census taken of Wealth and Income, and of males in Australia between ages of 17 and 60. Australian troops withdrawn from Gallipoli on 19th December.
- 1916 Record wheat harvest (180,000,000 bushels). Australian mounted troops operate in Egypt; afterwards join Desert Mounted Column. Other Australian troops transferred to France. Visit of Rt. Hon. W. M. Hughes, P.C., K.C., Prime Minister, to Canada, Great Britain, and South Africa, and to troops in England and France. Acquisition of steamships by the Commonwealth. First Military Service Referendum.
- 1917 National Ministry formed. General strike. Kalgoorlie-Port Augusta railway completed. Second Military Service Referendum.
- 1918 Population of Australia reaches 5,000,000. Australian troops in France formed into an Army Corps, commanded by Lieut.-Gen. Sir John Monash. Cessation of hostilities and surrender of Germany. Repatriation Department created. Australia House (Strand, London) opened by the King. Deaths of Sir G. H. Reid and of Lord Forrest of Bunbury.
- 1918-1919 Visit to America and Europe of Rt. Hon. W. M. Hughes, P.C., K.C., Prime Minister, representative at Peace Conference.
- 1919 Epidemic of influenza. Aerial flight England to Australia by Capt. Sir Ross Smith and Lieut. Sir Keith Smith. Death of Hon. Alfred Deakin. Visit to Australia of General Sir W. Birdwood. Visit of Admiral Lord Jellicoe.
- 1920 Visit to Australia of H.R.H. the Prince of Wales. Aerial flight England to Australia by Lieuts. Pærer and McIntosh. Deaths of Rt. Hon. Sir Edmund Barton and of Rt. Hon. Sir Samuel Griffith.

Year.

- 1921 Visit to Imperial Conference of Rt. Hon. W. M. Hughes, P.C., K.C., Prime Minister. Second Commonwealth Census. Germany's Indemnity fixed (Australia's share approximately £63,000,000). Visit of Senator Pearce (Minister for Defence) to Disarmament Conference at Washington. Colliery disaster at Mt. Mulligan, Queensland—76 lives lost. Mandate given to Australia over Territory of New Guinea. First direct wireless press message, England to Australia.
- 1922 Economic Conference at Sydney. First lock on River Murray opened at Blanchetown, South Australia.
- 1923 Rt. Hon. S. M. Bruce, P.C., M.C., Prime Minister. Premiers' Conference, Melbourne. First sod, site of Federal Parliament House at Canberra, turned. Pan-Pacific Science Congress, Melbourne. Police dispute in Melbourne, with accompanying riots.
- 1923-24 Visit of Rt. Hon. S. M. Bruce, P.C., M.C., Prime Minister, to Imperial Conference, London, and afterwards to European and Gallipoli battlefields (September, 1923, to March, 1924).
- 1924 H.M.A.S. *Australia* sunk. Sea-plane flight round Australia by Wing-Commander Goble and Lieut. McIntyre. British Empire Exhibition at Wembley. First sale of land leases at Canberra. Visit of British cruiser squadron. Directorate of Commonwealth Bank appointed. Loan by British Government of £34,000,000 for Imperial migration.