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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
CANBERRA.

OFFICIAL

YEAR BOOK

OF THE

COMMONWEALTH OF AUSTRALIA

No. 25.—1932.

Prepared under Instructions from
The Honorable the Treasurer,

BY

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PREFACE.

By the Constitution of the Commonwealth of Australia, the Parliament of the Commonwealth is empowered "to make laws for the peace, order, and good government of the Commonwealth, with respect to Census and Statistics." In the exercise of the power so conferred, a "Census and Statistics Act" was passed in 1905, and in the year following, the "Commonwealth Bureau of Census and Statistics" was created. The first Official Year Book was published early in 1908. The publication here presented is the twenty-fifth Official Year Book issued under the authority of the Commonwealth Government.

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

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

- Chapter III. General Government—Cost per Head of Population of Principal State Government Services (pp. 76, 77).
- Chapter VI. Trade—Balance of Trade with Principal Countries (p. 155).
Trade in Calendar Years (pp. 161, 162).
(See also Appendix).
- Chapter VII. Transport, etc.—Shipping—Nationality of Cargo Vessels (pp. 197–198).
Railways—Grafton–South Brisbane (Uniform Gauge) Line (p. 201).
Summary of Operations, all Railways (p. 204).
- Chapter VIII. Public Finance—Additional information and new treatment of existing information (pp. 281–287).
Sales Tax (p. 288).
Price of Gold, London and Australia (p. 313).
Estimated Legal Tender Extant (p. 315).
State Debts—Variations of Interest Rates (p. 330).
Commonwealth and State Debts—Year of Maturity and Interest Payable (p. 335).
- Chapter XIII. Public Hygiene—Organization for the Control of Cancer (p. 417).
- Chapter XVI. Population—Oversea Migration (Various, pp. 489 to 494).
- Chapter XVII. Vital Statistics—Revised Classification of Causes of Deaths (pp. 531–536).

- Chapter XIX. Pastoral Production—Agreements regarding Meat at the Ottawa Conference (p. 607).
Imports of Chilled and Frozen Meat into United Kingdom (pp. 608-9-13-14).
- Chapter XX. Agricultural Production—Net Value of Production (p. 628).
Exports and Imports of Wheat, Principal Countries (pp. 637, 638).
Stocks of Wheat and Flour (p. 640).
- Chapter XXI. Farmyard, etc., Products—Agreements at Ottawa Conference (p. 679).
- Chapter XXII. Forestry—The Australian Forestry School (p. 697).
- Appendix—Balance of Payments (p. 832).
The Financial Crisis (p. 840).

Later information which has come to hand since the various Chapters were sent to press has been incorporated in the Appendix (pp. 831 to 858).

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

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

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

In conclusion, I desire to refer very briefly to the great loss to statistical and economic science occasioned by the retirement—through a breakdown in health—from the position of Commonwealth Statistician and Actuary of Mr. Chas. H. Wickens, I.S.O., F.S.S., F.I.A., Hon. M.S.S. (Paris).

Mr. Wickens, who had been on the staff of the Bureau since its inception in 1906, was appointed Commonwealth Statistician in succession to the late Sir George Knibbs (the first Commonwealth Statistician) on the 1st August, 1922, and, after a brilliant and useful career as Statistician and Economist, was invalided from the Commonwealth Service on the 12th April, 1932.

In addition to his outstanding worth as statistician, actuary, and economist, Mr. Wickens rendered valuable service to the Commonwealth Government in connexion with many important matters, both in Australia and as Commonwealth representative overseas.

From the 16th April, 1931, to the 31st December, 1933, Professor L. F. Giblin, Ritchie Professor of Economics at the University of Melbourne, at the special request of the Government, acted as Commonwealth Statistician, and this volume was prepared under his direction.

E. T. MCPHEE,
Commonwealth Statistician.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
Canberra, February, 1933.

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STATISTICAL SUMMARY.

STATISTICAL SUMMARY, AUSTRALIA.

Heading.		Years.						
		1871.	1881.	1891.	1901.	1911.	1921.	1931.
Population(a)	Males	928,918	1,247,059	1,736,617	2,004,836	2,382,232	2,708,727	3,324,287
	Females	771,970	1,059,677	1,504,368	1,820,077	2,191,554	2,710,346	3,201,633
	Total	1,700,888	2,306,736	3,240,985	3,824,913	4,573,786	5,509,073	6,525,920
Births	No.	63,625	80,004	110,187	102,945	122,193	136,198	118,509
	Rate	38.00	35.26	34.47	27.16	27.21	24.95	18.23
Deaths	No.	22,175	33,327	47,430	46,330	47,869	54,076	56,560
	Rate	13.24	14.69	14.84	12.22	10.66	9.91	8.70
Marriages	No.	11,623	17,244	23,862	27,753	39,482	46,869	38,882
	Rate	6.94	7.60	7.47	7.32	8.79	8.59	5.98
		1871-72.	1881-82.	1891-92.	1901-02.	1911-12.	1921-22.	1930-31.
Agriculture—								
Wheat	Area, acs.	1,279,778	3,002,064	3,335,528	5,115,965	7,427,834	9,719,042	18,164,920
	Yld., bshl.	11,917,741	21,443,862	25,675,265	38,561,619	71,636,347	129,088,806	213,594,391
	Av. "	9.31	7.16	7.70	7.54	9.64	13.28	11.76
Oats	Area, acs.	225,492	194,816	246,129	461,430	616,794	733,406	1,082,101
	Yld., bshl.	4,251,630	4,795,897	5,726,256	9,789,854	9,561,833	12,147,433	16,658,058
	Av. "	18.85	24.62	23.27	21.22	15.50	16.56	15.39
Barley	Area, acs.	48,164	75,864	68,068	74,511	116,466	298,910	382,887
	Yld., bshl.	726,158	1,353,580	1,178,560	1,519,819	2,050,836	6,085,085	6,660,911
	Av. "	15.08	17.84	17.31	20.40	17.66	20.36	17.40
Maize	Area, acs.	142,078	165,777	284,428	294,819	340,065	305,186	293,450
	Yld., bshl.	4,576,635	5,726,266	9,261,022	7,034,786	8,939,855	7,840,438	8,025,619
	Av. "	32.21	34.54	32.56	23.86	26.29	25.69	27.35
Hay	Area, acs.	303,274	768,388	942,166	1,688,402	2,518,351	2,999,519	3,323,463
	Yld., tons	375,871	767,194	1,067,255	2,024,608	2,867,973	3,902,189	4,149,661
	Av. "	1.24	1.00	1.13	1.20	1.14	1.30	1.25
Potatoes(b)	Area, acs.	67,911	76,265	112,884	109,685	149,143	149,144	141,716
	Yld., tons	212,896	243,216	380,477	322,524	301,489	388,091	364,724
	Av. "	3.13	3.19	3.37	2.94	2.31	2.60	2.57
Sugar Cane..	Area, acs.	11,576	19,708	45,444	86,950	101,010	128,350	229,661
	Yld., tons	176,632	349,627	737,573	1,367,802	1,682,520	2,436,890	3,688,869
	Av. "	15.25	17.74	16.23	15.73	16.65	18.99	16.06
Vineyards	Area, acs.	16,253	14,570	48,882	63,677	60,602	92,414	112,970
	Wine, gal.	2,104,000	1,488,000	3,438,000	5,816,087	4,975,147	8,542,573	13,078,218
Total value all agricultural production		£ 8,941,000	£ 15,519,000	£ 16,988,000	£ 23,835,000	£ 38,774,000	£ 81,890,000	£ 70,500,000
Pastoral, dairying, etc.—								
Live Stock	Sheep No.	40,072,955	65,092,719	106,421,068	72,040,211	96,886,234	86,119,068	110,568,279
	Cattle "	4,277,288	8,010,991	11,112,112	8,491,428	11,828,954	14,441,309	11,720,916
(a)	Horses "	701,530	1,088,029	1,584,737	1,620,420	2,278,226	2,438,182	1,792,734
	Pigs "	586,017	703,188	845,888	931,309	1,110,721	960,385	1,071,679
Wool prod., lb. (greasy)		179,000,000	322,759,000	631,587,000	543,131,661	721,298,288	721,678,346	912,141,253
Butter production lbs.		(d)	(d)	42,314,585	103,747,295	212,073,745	267,071,340	350,405,104
Cheese "		(d)	(d)	10,130,945	11,845,153	15,886,712	32,653,003	33,099,781
Bacon and ham "		(d)	(d)	16,771,886	34,020,629	53,335,092	58,626,469	71,050,133
Total estimated value of pastoral and dairying production		£ 20,736,000	£ 29,538,000	£ 39,256,000	£ 36,890,000	£ 72,883,000	£ 119,399,000	£ 112,566,000
		1871.	1881.	1891.	1901.	1911.	1921.	1931.
Mineral production—								
Gold	£	7,916,627	5,194,390	5,281,861	14,017,538	10,551,624	4,018,685	3,563,519
	£	36,046	45,022	3,736,352	2,248,598	3,022,177	1,539,092	1,443,897
Silver and lead	£	830,242	714,003	367,373	2,215,431	2,564,278	803,957	567,558
	£	24,022	1,145,889	560,502	448,234	1,209,973	418,418 (f)	516,205
Tin	£	369	200	2,979	4,067	1,415,169	283,455	212,795
	£	330,510	637,865	1,912,353	2,602,733	3,927,360	10,983,757 (f)	6,103,735
Total value all mineral production		£ 9,190,330	£ 7,820,290	£ 12,074,106	£ 21,816,772	£ 23,302,878	£ 19,977,384 (f)	£ 13,343,674
Forestry production—								
Quantity of local timber sawn or hewn								
1,000 sup. ft.		(d)	(d)	(d)	452,131	604,794	590,495	266,891
Manufactories—								
No. of factories						14,455	18,023	21,751
						311,710	378,540	338,843
Hands employed	No.					27,528,377	68,050,861	62,454,859
	£	(g)	(g)	(g)	(g)	151,259,004	121,674,119	118,310,123
Wages paid						33,022,090	320,331,765	290,798,564
Value of production								
Total value of output								

(a) At 31st December.

(b) Partly estimated 1871 and 1881.

(c) Area of productive cane.

(d) Information not available.

(e) Years ended December, except for last column which refers to year ended June.

(f) Incomplete.

(g) Owing to variation in classification and lack of information effective comparison is impossible.

STATISTICAL SUMMARY, AUSTRALIA—continued.

Heading.	Years.						
	1871.	1881.	1891.	1901.	1911.	1921-22.	1930-31.
Shipping—							
Oversea vessels {No. ent. & cleared {ton.	2,748 1,312,642	3,284 2,519,364	3,778 4,726,307	4,028 6,541,991	4,174 9,984,801	3,111 9,081,278	3,107 11,250,190
Commerce—							
Imports oversea £	17,017,000	29,067,000	37,711,000	42,434,000	66,967,388	103,066,436 (a)	60,959,633
" per head £	10/3/3	12/16/2	11/16/0	11/3/11	14/18/2	18/14/1	9/8/3
Exports oversea £	21,725,000	27,528,000	36,043,000	49,690,000	79,482,258	127,846,535 (a)	88,904,142
" per head £	12/19/6	12/2/8	11/5/6	13/2/2	17/13/10	23/4/1	13/14/7
Total oversea trade £	38,742,000	56,595,000	73,754,000	92,130,000	146,449,746	230,912,971 (a)	149,863,775
" per head £	23/2/9	24/18/10	23/1/6	24/6/11	32/12/0	41/18/2	23/2/10
Customs and excise duties £	(b)	4,809,326	7,440,869	8,656,530	13,515,005	27,565,199	28,221,016
" per head £	(b)	2/2/5	2/6/7	2/5/8	2/19/2	5/0/1	4/7/2
Principal Oversea Exports (c)—							
Wool {lbs. (greasy) £	176,635,800	328,369,200	619,259,800	518,018,100	720,364,900	927,833,700	860,214,218
" £	9,459,629	13,173,026	19,940,029	15,237,454	20,071,193	47,977,044	32,001,760
Wheat {centals £	479,954	3,218,792	5,876,875	12,156,035	33,088,704	59,068,334	71,533,974
" £	193,732	1,189,762	1,938,864	2,774,643	9,641,608	28,644,155	14,744,468
Flour {tons £	12,988	49,549	33,363	96,814	175,891	359,734	524,243
" £	170,415	519,635	328,425	589,604	1,391,529	5,519,881	3,513,573
Butter {lb. £	1,812,700	1,298,800	4,239,500	34,007,400	101,722,100	127,347,400	103,180,695
" £	45,813	39,383	206,868	1,451,168	4,637,362	7,968,078	8,120,165
Skins and hides £	100,123	316,878	873,695	1,250,938	3,227,236	3,136,810	3,635,577
Tallow .. £	914,278	644,149	571,069	677,745	1,935,836	1,444,795	643,405
Meats .. £	566,780	362,965	460,894	2,611,244	4,303,159	5,542,102	5,747,995
Timber (undressed) £	42,586	118,117	38,448	731,501	1,023,696	1,158,166	619,647
Gold .. £	7,184,833	6,445,365	5,703,532	14,315,741	12,045,766	3,483,239	12,247,562
Silver and lead £	37,891	57,954	1,932,278	2,259,253	3,212,584	2,697,130	3,283,488
Copper .. £	598,538	676,515	417,687	1,619,145	2,345,961	705,358	494,316
Coal .. £	134,355	361,081	645,972	986,957	900,622	1,099,899	411,612
Govt. Railways—							
Length of line open, mls.	970	3,832	9,541	12,570	16,078	23,592	26,809
Capital cost £	19,269,786	42,741,350	99,764,090	123,223,779	152,194,603	244,353,233	341,544,692
Gross revenue £	1,102,650	3,910,122	8,654,085	17,038,468	17,847,837	38,194,630	38,985,433
Working expenses £	608,332	2,141,735	5,630,182	7,133,617	10,945,727	29,817,970	31,727,975
Per cent. of working expenses on earnings %	55.17	54.77	65.06	64.63	61.33	78.07	81.38
Postal—							
Letters and postcards dealt with No.	24,382,000	67,640,000	157,297,000	220,853,000	453,063,000	561,973,105 (d)	761,507,854
" per head £	14.54	29.61	49.07	58.26	100.90	102.01	117.65
Newspapers dealt with No.	3,336,000	38,063,000	83,280,000	102,727,000	141,638,000	140,477,184	152,326,448
" per head £	7.95	16.66	26.61	27.10	31.54	25.50	23.53
Cheque-paying Banks(e)—							
Note circulation £	2,456,487	3,978,711	4,417,269	3,399,462	3,718,458 (f)	213,868	198,478
Coin & bullion held £	6,168,869	9,108,243	16,712,923	19,780,528	33,470,770	21,626,832	2,545,475
Advances .. £	26,039,573	57,732,824	129,741,583	86,352,832	108,578,774	193,435,760	276,584,784
Deposits .. £	21,856,959	53,849,455	98,315,338	91,487,148	143,446,910	273,866,737 (h)	301,687,858
Savings Banks(i)—							
Total deposits £	3,193,285	7,854,480	15,536,592	30,882,645	59,393,682	154,396,051 (g)	193,375,397
Aver. per head of population £	1/18/9	3/10/5	4/18/7	8/3/0	13/8/5	28/9/4	29/14/11
State Schools—						1921.	1930.
Number of schools ..	2,502	4,494	6,231	7,012	8,060	9,445	10,257
Teachers .. No.	4,641	9,028	12,564	14,500	16,971	26,120	33,533
Enrolment ..	236,710	432,320	561,153	638,478	638,850	819,042	914,043
Aver. attendance ..	137,767	255,143	350,773	450,246	648,799	666,498	801,729

(a) British currency values. The corresponding recorded values were Imports £60,959,633, and Exports £102,103,316. (b) Not available. (c) Australian produce, except gold, which includes re-exports. (d) Includes packets. (e) Figures for the first three years are averages for the December quarter; the remainder for the June quarter. (f) Decrease due to prohibition of re-issue. (g) Includes Commonwealth Savings Bank Deposits. (h) Excludes Commonwealth Savings Bank Deposits. (i) First three years—at 31st December; remainder, 30th June.

CHRONOLOGICAL TABLE.

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

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

Year.

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

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

Year.

- 1836 N.S.W.—Mitchell's overland journey from Sydney to Cape Northumberland. Vic.—Proclamation of Port Phillip district as open for settlement. S.A.—Settlement founded at Adelaide under Governor Hindmarsh.
- 1837 N.S.W.—Appointment in London of Select Committee on Transportation. Vic.—Melbourne named by Governor Bourke. First overlanders from Sydney arrived at Port Phillip.
- 1838 N.S.W.—Discontinuance of assignment of convicts. Qld.—Settlement of German missionaries at Brisbane. S.A.—“Overlanding” of cattle from Sydney to Adelaide along the Murray route by Hawden and Bonney. Settlement at Port Essington, Northern Territory, formed by Captain Bremer.
- 1839 N.S.W.—Gold found at Vale of Clwydd by Count Strzlecki. S.A.—Lake Torrens discovered by Eyre. Port Darwin discovered by Captain Stokes. W.A.—Murchison River discovered by Captain Grey.
- 1840 N.S.W.—Abolition of transportation to New South Wales. Land regulations—proceeds of sales to be applied to payment for public works and expenditure on immigration. Vic.—Determination of northern boundary. Qld.—Penal settlement broken up and Moreton Bay district thrown open. S.A.—Eyre began his overland journey from Adelaide to King George's Sound.
- 1841 N.S.W.—Gold found near Hartley by Rev. W. B. Clarke. W.A.—Completion of Eyre's overland journey from Adelaide to King George's Sound. Tas.—Renewal of transportation.
- 1842 N.S.W.—Incorporation of Sydney. Vic.—Incorporation of Melbourne. S.A.—Discovery of copper at Kapunda.
- 1843 N.S.W.—First Representative Constitution (under Act of 1842). First Manufacture of tweed. Qld.—Moreton Bay granted legislative representation.
- 1844 S.A.—Sturt's last expedition inland. Qld.—Leichhardt's expedition from Condamine River to Port Essington.
- 1845 N.S.W.—Mitchell's explorations on the Barcoo. Qld.—Explorations by Mitchell and Kennedy. S.A.—Discovery of the Burra copper deposits. Sturt discovered Cooper's Creek.
- 1846 N.S.W.—Initiation of meat preserving. Qld.—Foundation of settlement at Port Curtis. S.A.—Proclamation of North Australia. W.A.—Foundation of New Norcia (Benedictine) Mission.
- 1847 N.S.W.—Iron smelting commenced near Berrima. Overland mail established between Sydney and Adelaide. Vic.—Melbourne created a City. Qld.—Explorations by Leichhardt, Burnett, and Kennedy.
- 1848 Qld.—Leichhardt's last journey. Kennedy speared by the blacks at York Peninsula. Chinese brought in as shepherds.
- 1849 N.S.W.—Indignation of colonists at arrival of convict ship *Hashemy*. Exodus of population to goldfields of California. Vic.—Randolph prevented from landing convicts. Qld.—Assignment of convicts per *Hashemy* to squatters on Darling Downs. W.A.—Commencement of transportation to Western Australia.
- 1850 N.S.W.—Final abolition of transportation. First sod of first Australian railway turned at Sydney. Vic.—Gold discovered at Clunes by Hon. W. Campbell. Representative government granted. S.A.—Representative government granted. W.A.—Pearl oysters found by Lieut. Helpman at Saturday Island Shoal. Tas.—Representative government granted. Sydney University founded.
- 1851 N.S.W.—Payable gold discovered by Hargraves at Lewis Ponds and Summerhill Creek. Telegraph first used. Vic.—Separation of Port Phillip—erected into independent colony under the name of Victoria. Discovery of gold in various localities. “Black Thursday,” 6th Feb., a day of intense heat. W.A.—Proclamation of Legislative Council Act.
- 1852 N.S.W.—Arrival of the *Chusan*, first P. and O. mail steamer from England. S.A.—First steamer ascends the Murray River to the junction with the Darling. Tas.—Meeting of first elective Council protests against transportation. Payable gold discovered at The Nook, near Fingal, and at Nine Mile Springs.
- 1853 Tas.—Abolition of transportation. Vic.—Melbourne University founded.

- Year.
- 1854 Vic.—Opening of first Victorian railway—Flinders-street to Port Melbourne. Riots on Ballarat gold-fields. Storming of the Eureka Stockade, 3rd Dec.
- 1855 N.S.W.—Opening of railway—Sydney to Parramatta. Mint opened. Gregory's expedition in search of Leichhardt.
- 1856 N.S.W.—Pitcairn Islanders placed on Norfolk Island. W.A.—A. C. Gregory's expedition in search of Leichhardt.
Responsible Government in N.S.W., Vic., S.A., and Tas. (Act of 1855).
- 1857 N.S.W.—Wreck of the *Dunbar* (119 lives lost), and *Catherine Adamson* (21 lives lost), at Sydney Heads. Select Committee on Federation. Vic.—Manhood suffrage and vote by ballot. S.A.—Passage of Torrens' Real Property Act.
- 1858 N.S.W.—Establishment of manhood suffrage and vote by ballot. Telegraphic communication between Sydney, Melbourne, and Adelaide. Qld.—Canonica gold rush.
- 1859 Qld.—Proclamation of Queensland as separate colony. Tas.—First submarine cable, via Circular Head and King Island to Cape Otway.
- 1860 Vic.—Burke and Wills left Melbourne and crossed to Gulf of Carpentaria. S.A.—Copper discoveries at Wallaroo and Moonta. McDouall Stuart reached centre of continent and named "Central Mount Stuart."
- 1861 N.S.W.—Anti-Chinese riots at Lambing Flat and Burrangong gold-fields. Opening of first tramway in Sydney. Regulation of Chinese immigration. Vic.—Burks and Wills perished at Cooper's Creek, near Innamineka, S.A.
- 1862 N.S.W.—Abolition of State aid to religion. Real Property Act. S.A.—Stuart crossed the Continent from south to north. W.A.—First export of pearl-shell.
- 1863 Vic.—Intercolonial Conference at Melbourne. S.A.—Northern Territory taken over. W.A.—Initiation of settlement in the North-west district. Henry Maxwell Lefroy discovered and traversed area now comprised in the Coolgardie-Kalgoorlie gold-field.
- 1864 Qld.—First railway begun and opened. First sugar made from Queensland cane. Tas.—First successful shipment of English salmon ova.
- 1865 N.S.W.—Destruction by fire of St. Mary's Cathedral, Sydney.
- 1866 N.S.W.—Passage of Public Schools Act of (Sir) Henry Parkes. S.A.—Introduction of camels for exploration, etc.
- 1867 Vic.—Imposition of protective tariff. Qld.—Discovery of gold at Gympie.
- 1868 N.S.W.—Attempted assassination of the Duke of Edinburgh at Clontarf, near Sydney. W.A.—Arrival of the *Hougomont*, last convict ship. Tas.—First sod of first railway (Launceston and Western) turned by Duke of Edinburgh.
- 1869 W.A.—First telegraph line opened from Perth to Fremantle.
- 1870 N.S.W.—Intercolonial Exhibition opened at Sydney. Imperial troops withdrawn. Vic.—Intercolonial Congress at Melbourne. S.A.—Commencement of trans-continental telegraph.
- 1871 N.S.W.—Permanent military force raised. W.A.—Passage of Elementary Education Act. Forrest's explorations. Tas.—Discovery of tin at Mount Bischoff. Launceston-Western railway opened for traffic.
- 1872 N.S.W.—International Exhibition at Sydney. Vic.—Mint opened. S.A.—Cable from Java to Port Darwin. Completion of transcontinental telegraph line.
- 1873 N.S.W.—Intercolonial Conference at Sydney. First volunteer encampment. Inauguration of mail service with San Francisco.
- 1874 N.S.W.—Triennial Parliaments Act passed. Intercolonial Conference. W.A.—John and Alexander Forrest arrived at Overland Telegraph from Murchison. S.A.—University of Adelaide founded.
- 1875 Qld.—Transfer of Port Albany Settlement to Thursday Island.
- 1876 N.S.W.—Completion of cable—Sydney (La Perouse) to Wellington (Wakapuaka). W.A.—Giles crosses colony from east to west. Tas.—Death of Truganini, last representative of Tasmanian aborigines.
- 1877 W.A.—Opening of telegraphic communication with South Australia.
- 1878 Qld.—Restriction of Chinese immigration.

Year.

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

Year.

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

Year.

- 1915 Opening of Broken Hill Proprietary's Ironworks at Newcastle, N.S.W. Navy Department created.
Australian and New Zealand troops landed at Gallipoli, 25th April. Battle of Sari Bair (Lone Pine), 6th-10th August. Evacuation, 18th-20th December. Australian warships with Grand Fleet, in Atlantic, Malaysia, and elsewhere overseas during remainder of war.
- 1916 Record wheat harvest (180,000,000 bushels). Purchase of steamships by the Commonwealth.
Australian and New Zealand mounted troops organized in mounted divisions and camel corps, operating thereafter in Egypt, Palestine, and Syria. Battle of Romani, 4th August. Other troops with reinforcements organized as four infantry divisions (1st, 2nd, 4th, and 5th) with some other units, and transferred to France. Fromelles, 19th July; the Somme, 1st July-18th November (Pozières, Mouquet Farm, Flers). 3rd Division, formed in Australia, landed in France. First proposal for compulsory military service defeated by referendum.
- 1917 National Ministry formed. Kalgoorlie-Port Augusta railway completed.
German withdrawal from Somme; Arras offensive (Bullecourt, 11th April and 3rd May); Messines, 7th June; Third Battle of Ypres, 1st July-10th November (Menin Road, Polygon Wood, Broodseinde, Passchendaele). Palestine—Gaza, 26th March, 19th April, 31st October (Beersheba). Australian Flying Corps operating with R.F.C. in Palestine and France. Second proposal for compulsory military service defeated by referendum.
- 1918 Population of Australia reaches 5,000,000. Australia House (Strand, London) opened by the King.
Five Australian divisions in France formed into army corps, 1st January. Sir William Birdwood succeeded by Sir John Monash, 30th May. Defensive campaign on Somme, 21st March-25th April, Dernancourt, Villers-Bretonneux; Battles of the Lys, 9th-29th April (Hazebrouck); Hamel, 4th July; Battle of Amiens, 8th August; Mont St. Quentin, 31st August; Hindenburg Line, 18th September-5th October. Palestine—Megiddo, 19th September; Damascus, 1st October. Armistice with Germany, 11th November. Repatriation Department created.
- 1919 Mr. Hughes and Mr. Cook represented Australia at Peace Conference. Return of Australian troops. Aerial flight England to Australia by Capt. Sir Ross Smith and Lieut. Sir Keith Smith. Visit to Australia of General Sir W. Birdwood. Visit of Admiral Lord Jellicoe.
- 1920 Visit to Australia of H.R.H. the Prince of Wales. Wholesale prices rose to more than double the 1914 level.
- 1921 Second Commonwealth Census. Germany's indemnity fixed (Australia's share approximately £63,000,000). Mandate given to Australia over Territory of New Guinea. First direct wireless press message, England to Australia.
- 1922 First lock on River Murray opened at Blanchetown, South Australia. Queensland Legislative Council abolished.
- 1923 First sod, site of Federal Parliament House at Canberra, turned.
- 1924 H.M.A.S. *Australia* sunk. Visit of British cruiser squadron. Directorate of Commonwealth Bank appointed. Loan by British Government of £34,000,000 for Imperial migration and development. Australian Loan Council formed.
- 1925 Visit of American fleet. Solar Observatory established at Canberra. Brisbane-Kyogle railway commenced. North Shore (Sydney) Bridge commenced.
- 1926 Population of Australia reached 6,000,000. Council for Scientific and Industrial Research established. Imperial Conference. Dominion Status defined; "Paterson" butter marketing plan came into operation.
- 1927 Transfer of Seat of Federal Government from Melbourne to Canberra. New Parliament House opened by H.R.H. the Duke of York. Beam Wireless established.

Year.

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