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---

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,  
CANBERRA.

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OFFICIAL

# YEAR BOOK

OF THE

## COMMONWEALTH OF AUSTRALIA

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No. 24.—1931

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Prepared under Instructions from  
The Minister of State for Home Affairs,

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-fourth 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. In addition to the ordinary Chapters, each issue contains at least one special article dealing with some particular subject of more or less permanent interest. The special 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 is not printed fully in the present volume. Owing to considerations of economy it is again necessary to present portions of some of the Chapters in a greatly abbreviated form, and the volume as a whole is some 270 pages smaller than the issue of 1929.

Present economic and financial conditions 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 is, therefore, particularly difficult this year, involving the continual balancing of the claims of old material and new. Some progress has been made in bringing closer to present day requirements the Chapters dealing with production, trade, population and vital statistics, etc., and a section has been added to the Appendix giving a summary of the chief events in the financial crisis. Attention may be called to new information, or to new treatment of old information in respect to:—

- Chapter VI. Trade—Balance of Payments (pp. 114, 754.).  
Exports, Australian Produce, according to Industries (Graph) (p. 140).
- Chapter VII. Transport and Communication—Comparative Telegraph Density (p. 229).
- Chapter VIII. Finance—Commonwealth Revenue and Expenditure (pp. 239, 240).  
Commonwealth Public Debt and Interest Payable (pp. 258–261).  
Commonwealth and State Finance (pp. 281–284).  
Exchange Rates (pp. 294, 295).  
Savings Banks Accounts (p. 297).  
Fire, Marine and General Insurance (pp. 307, 308).  
The Financial Crisis (p. 757).
- Chapter XIII. Labour, Wages and Prices—Retail Price Index-numbers (Change of Base) (pp. 363–371).  
Retail Price Index-numbers (Commonwealth Arbitration Court Series—1911 Base). (pp. 768–9).
- Chapter XIV. Defence—Strength of Militia Forces and Senior Cadets (p. 413).  
War Pensions (pp. 419, 420).  
Settlement of Soldiers on the Land and Losses thereon (pp. 421, 422).
- Chapter XV. The Territories of the Commonwealth—Federal Capital Territory—Finance (pp. 432, 433).

- Chapter XVI. Pastoral Production—Value of Pastoral Production (p. 466).  
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- Chapter XVII. Agricultural Production—Chief Crops—Area and Yield (pp. 490, 491).  
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Wheat—Area, Production and Prices (pp. 493, 494).  
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Rice—Area, Production, etc. (p. 509).  
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Raisins and Currants—Marketing and Prices (p. 524).  
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Bounties (pp. 532, 533).
- Chapter XVIII. Farmyard Dairy and Bee Products—Butter Stabilization Scheme (pp. 537, 538).
- Chapter XXII. Manufacturing Industry—Power used in Factories (pp. 602–604).
- Chapter XXV. Vital Statistics—Causes of Death (p. 718).
- Chapter XXVI. Miscellaneous—Valuation of Australian Production (p. 744).

The present issue contains a specially-contributed article, dealing with "Canberra Past and Present", placed at the end of Chapter XV., The Territories of the Commonwealth.

Recent information or returns which have come to hand since the various Chapters were sent to press will be found in the Appendix, (pp. 753 to 772).

The material contained in each issue is always carefully examined, but it would be idle to hope that all error has been avoided. I am grateful to those who have been 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 for this issue.

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, or in some cases of re-writing, the Chapters relative to their respective branches.

L. F. GIBLIN,

Acting Commonwealth Statistician.

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,

Canberra, 23rd December, 1931.

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STATISTICAL SUMMARY.

STATISTICAL SUMMARY, AUSTRALIA, 1871 TO 1930.

Heading.	Years.						
	1871.	1881.	1891.	1901.	1911.	1921.	1930.
Population ..	Males 928,918	1,247,059	1,736,617	2,004,836	2,382,232	2,798,727	3,304,091
	Females 771,970	1,059,677	1,504,368	1,820,077	2,191,554	2,710,346	3,171,941
	Total 1,700,888	2,306,736	3,240,985	3,824,913	4,573,786	5,509,073	6,476,032
Births ..	No. 63,625	80,004	110,187	102,945	122,193	136,198	123,399
	Rate 38.00	35.26	34.47	27.16	27.21	24.95	19.98
Deaths ..	No. 22,175	33,327	47,430	46,330	47,869	54,076	55,331
	Rate 13.24	14.69	14.84	12.22	10.66	9.91	8.59
Marriages ..	No. 11,623	17,244	23,862	27,753	39,482	46,869	43,255
	Rate 6.94	7.60	7.47	7.32	8.79	8.59	6.71
Agriculture—							
Wheat ..	Area, acs. 1,279,778	3,002,064	3,335,528	5,115,965	7,427,834	9,719,042	14,976,564
	Yld., bshl. 11,917,741	21,443,862	25,675,265	38,561,619	71,636,347	129,038,806	126,384,622
	Av. " 9.31	7.16	7.70	7.54	9.64	13.28	8.47
Oats ..	Area, acs. 225,492	194,816	246,129	461,430	616,794	733,406	1,516,871
	Yld., bshl. 4,251,639	4,795,897	5,726,256	9,789,854	9,561,833	12,147,433	14,424,133
	Av. " 18.85	24.62	23.27	21.22	15.50	16.56	9.52
Barley ..	Area, acs. 48,164	75,864	68,068	74,511	116,466	298,910	451,339
	Yld., bshl. 726,158	1,353,380	1,178,560	1,519,819	2,056,836	6,085,685	7,588,852
	Av. " 15.08	17.84	17.31	20.40	17.66	20.36	16.81
Maize ..	Area, acs. 142,078	165,777	234,428	294,840	340,065	305,186	297,502
	Yld., bshl. 4,576,635	5,726,266	9,261,922	7,034,786	8,939,855	7,840,438	7,946,320
	Av. " 32.21	34.54	32.56	23.86	26.29	25.69	26.71
Hay ..	Area, acs. 303,274	768,388	942,166	1,688,402	2,518,351	2,994,519	2,658,661
	Yld., tons 375,871	767,194	1,067,255	2,024,608	2,867,973	3,902,189	2,725,244
	Av. " 1.24	1.00	1.13	1.20	1.14	1.30	1.02
Potatoes(a) ..	Area, acs. 67,911	76,265	112,884	100,685	130,463	149,144	123,980
	Yld., tons 212,896	243,216	380,477	322,524	301,489	388,091	342,541
	Av. " 3.13	3.19	3.37	2.94	2.31	2.60	2.76
Sugar Cane ..	Area, acs. 11,576	19,708	45,444	86,950	101,010	128,356	222,847
	Yld., tons 176,632	349,627	737,573	1,367,802	1,682,250	2,436,890	3,755,375
	(d) Av. " 15.25	17.74	16.23	15.73	16.65	18.99	16.85
Vineyards ..	Area, acs. 16,253	14,570	48,882	63,677	60,602	92,414	116,225
	Wine, gal. 2,104,000	1,438,000	3,438,000	5,316,087	4,975,147	8,542,573	16,069,112
Total value all agricultural production ..	£ 8,941,000	15,519,000	16,988,000	23,835,000	38,774,000	81,890,000	77,109,000
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	106,977,486
	Cattle " 4,277,223	8,010,991	11,112,112	8,401,428	11,828,954	14,441,309	(e) 11,202,134
	Horses " 701,530	1,088,029	1,584,737	1,620,420	2,278,226	2,438,182	(e) 1,845,614
	Pigs " 586,017	703,188	845,888	931,309	1,110,721	960,385	(e) 1,018,324
Wool prod., lb. greasy ..	179,000,000	332,759,000	681,587,000	543,131,661	721,298,258	721,678,346	937,596,816
Butter production ..	lbs. (c)	(c)	42,314,585	103,747,295	212,073,745	267,071,340	299,080,545
Cheese ..	(c)	(c)	10,130,945	11,845,153	15,886,712	32,653,003	30,178,020
Bacon and ham ..	(c)	(c)	16,771,886	34,020,829	53,335,092	58,626,469	70,101,981
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	133,961,000
Mineral production—							
Gold ..	£ 7,916,627	5,194,390	5,281,861	14,017,538	10,551,624	4,018,635	1,981,971
Silver and lead ..	£ 36,046	45,622	3,736,352	2,248,598	3,022,177	1,539,932	2,243,313
Copper ..	£ 830,242	714,003	367,373	2,215,431	2,564,278	803,957	810,657
Tin ..	£ 24,020	1,145,889	560,502	448,234	1,209,973	418,418	218,053
Zinc ..	£ 369	200	2,979	4,067	1,415,169	283,455	1,005,409
Coal (black) ..	£ 330,510	637,865	1,912,353	2,602,733	3,927,360	10,983,757	7,453,576
Total value all mineral production ..	£ 9,190,330	7,820,290	12,074,106	21,816,772	23,302,878	19,977,384	15,883,595
Forestry production—							
Quantity of local timber sawn or hewn 1,000 sup. ft. ..	(c)	(c)	(c)	452,131	604,794	590,495	484,637
Manufactories—							
No. of factories ..					14,455	18,023	22,700
Hands employed ..					311,710	378,540	419,194
Wages paid ..					27,528,377	63,050,861	84,717,033
Value of production ..					51,259,004	121,674,119	156,364,432
Total value of output ..					133,022,090	320,331,765	390,912,373

(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) 1929 figures.

## STATISTICAL SUMMARY.—AUSTRALIA, 1871 TO 1930—continued.

Heading.	Years.						
	1871.	1881.	1891.	1901.	1911.	1921.	1930.
<b>Shipping—</b>							
Oversea vessels (No. ent. & cleared { ton.	2,748 1,312,642	3,284 2,549,364	3,775 4,720,307	4,028 6,541,991	4,174 9,984,801	3,674 9,503,018	3,061 10,944,127
<b>Commerce (c)—</b>							
Imports oversea £	17,017,000	29,067,000	37,711,000	42,434,000	66,967,485	103,066,436	131,081,320
.. per head £	10/3/3	12/16/2	11/16/0	11/3/11	14/18/2	18/14/1	20/8/8
Exports oversea £	21,725,000	27,528,000	36,043,000	49,696,000	79,482,258	127,846,535	125,127,148
.. per head £	12/19/6	12/2/8	11/5/6	13/2/2	17/13/10	23/4/1	19/10/2
Total oversea trade £	38,742,000	56,595,000	73,754,000	92,130,000	146,449,746	230,912,971	256,208,468
.. per head £	23/2/9	24/18/10	23/1/6	24/6/1	32/12/2	41/18/2	39/18/10
Customs and excise duties .. £	(e)	4,809,326	7,440,880	8,656,530	13,515,005	27,565,199	41,683,687
.. per head £	(e)	2/2/5	2/6/7	2/5/8	2/19/2	5/0/1	6/9/11
<b>Principal Oversea Exports (a)—</b>							
Wool { lbs. (greasy) £	176,635,800	328,360,200	619,259,800	518,018,100	720,364,900	927,833,700	789,229,800
.. centsals £	9,459,629	13,173,026	19,940,029	15,237,454	26,071,193	47,977,044	36,596,600
Wheat £	479,954	3,218,792	5,876,875	12,156,035	33,088,704	59,968,334	24,234,424
Flour £	193,732	1,189,762	1,938,864	2,774,643	9,641,608	28,044,155	10,036,535
.. tons £	12,988	49,549	33,363	86,814	175,891	359,734	465,733
Butter £	170,415	519,635	328,423	589,004	1,391,529	5,519,881	4,948,927
.. lbs. £	1,812,700	1,298,800	4,239,500	34,607,400	101,722,100	127,347,400	107,663,114
Skins and hides £	45,813	39,383	206,868	1,451,165	4,637,362	7,988,078	7,001,540
Tallow .. £	100,123	316,878	873,695	1,250,938	3,227,236	3,130,810	6,584,614
Meats .. £	914,278	644,149	571,060	677,745	1,935,836	1,441,795	991,592
Timber (undressed) £	566,780	382,965	460,894	2,611,244	4,303,159	5,542,102	6,259,924
Gold .. £	42,586	118,117	38,448	731,301	1,023,960	1,158,166	790,689
Silver and lead £	7,184,833	6,445,365	5,703,532	14,315,741	12,045,766	3,483,239	26,868,539
Copper .. £	37,891	57,954	1,932,278	2,250,253	3,212,584	2,697,180	4,470,528
Coal .. £	593,538	676,515	417,687	1,619,145	2,345,961	705,358	6,670,608
Govt. Railways—							
Lgh. of line open, mls.	970	3,832	9,541	12,579	16,078	23,296	26,605
Capital cost £	19,269,786	42,741,350	99,764,090	123,223,779	152,194,603	237,479,695	329,500,024
Gross revenue £	1,102,650	3,910,122	8,654,085	11,033,468	17,847,837	35,936,900	45,778,437
Working expenses £	608,332	2,141,735	5,630,182	7,133,617	10,945,727	29,960,954	37,996,145
Per cent. of work'g expenses on earnings %	55.17	54.77	65.06	64.6.	61.33	83.39	83.00
<b>Postal—</b>							
Letters and postcards dealt with No.	24,382,000	67,640,000	157,297,000	220,853,000	453,063,000	569,343,456	(d) 796,145,400
.. per head ..	14.54	29.61	49.07	58.28	100.90	104.36	130.29
Newspapers dealt with No.	3,336,000	38,063,000	85,280,000	102,727,000	141,638,000	130,882,425	(d) 188,715,200
.. per head ..	7.95	16.66	26.61	27.10	31.54	24.18	(d) 30.88
<b>Cheque-paying Banks—</b>							
Note circulation £	2,456,487	3,978,711	4,417,269	3,406,175	(b) 876,428	211,187	199,337
Coin & bullion held £	6,168,869	9,108,243	10,712,923	19,737,572	30,024,225	22,092,371	6,131,312
Advances .. £	26,039,573	57,732,824	129,741,583	89,167,499	116,769,133	233,214,626	299,394,981
Deposits .. £	21,856,959	53,840,455	98,345,338	96,965,530	147,103,081	273,866,737	(h) 310,564,326
<b>Savings Banks—</b>							
Number of accounts open ..	100,715	250,070	614,741	964,553	1,600,112	3,327,456	5,105,045
Total deposits £	3,193,285	7,854,480	15,336,592	30,882,643	59,393,682	154,396,051	217,510,517
Aver. per account £	31/14/2	31/8/2	25/5/6	32/0/4	37/2/4	46/8/0	42/12/2
.. head of population £	1/18/9	3/10/5	4/18/7	8/3/0	13/8/5	28/0/4	33/15/7
<b>State Schools—</b>							
Number of schools ..	2,502	4,494	6,231	7,012	8,060	9,445	(g) 10,263
Teachers .. No.	4,641	9,928	12,564	14,500	16,971	20,126	(g) 32,391
Enrolment ..	236,710	432,820	561,153	638,478	638,850	819,042	(g) 925,299
Aver. attendance ..	137.76	255.143	350.773	450.246	463.799	666.498	(g) 777.626

(a) Australian produce, except gold, which includes re-exports. (b) Decrease due to prohibition of re-issue. (c) Figures for Commerce for year 1921 relate to year ended 30th June following. (d) 1927 figures. (e) Not available. (f) Includes Commonwealth Savings Bank deposits. (g) 1929 figures. (h) Excludes Commonwealth Savings Bank deposits.

## 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 settlers 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 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.—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. 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. 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.

Year.

- 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 Fawkner 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.
- 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 Bonny. Settlement at Port Essington, Northern Territory, formed by Captain Bremer.
- 1839 N.S.W.—Gold found at Vale of Clwydd by Count Strezlecki. 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 Hargreaves 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, when several persons died and a vast amount of damage to property was occasioned by fires. W.A.—Proclamation of Legislative Council Act.

- Year.
- 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 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 Adameon* (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 gold-fields. Opening of first tramway in Sydney. Regulation of Chinese immigration. Vic.—Burke and Wills perished at Cooper's Creek, near Innamincka, S.A.
- 1862 N.S.W.—Abolition of State aid to religion. Real Property Act. S.A.—Stuart crossed the Continent from south to north. W.A.—First export of pearl-shell.
- 1863 Vic.—Intercolonial Conference at Melbourne. S.A.—Northern Territory taken over. W.A.—Initiation of settlement in the North-west district. Henry Maxwell Lefroy discovered and traversed area now comprised in the Coolgardie-Kalgoorlie gold-field.
- 1864 Qld.—First railway begun and opened. First sugar made from Queensland cane. Tas.—First successful shipment of English salmon ova.
- 1865 N.S.W.—Destruction by fire of St. Mary's Cathedral, Sydney.
- 1866 N.S.W.—Passage of Public Schools Act of (Sir) Henry Parkes. S.A.—Introduction of camels for exploration, etc.
- 1867 Vic.—Imposition of protective tariff. Qld.—Discovery of gold at Gympie.
- 1868 N.S.W.—Attempted assassination of the Duke of Edinburgh at Clontarf, near Sydney. W.A.—Arrival of the *Hougomont*, last convict ship. Tas.—First sod of first railway (Launceston and Western) turned by Duke of Edinburgh.
- 1869 W.A.—First telegraph line opened from Perth to Fremantle.
- 1870 N.S.W.—Intercolonial Exhibition opened at Sydney. Imperial troops withdrawn. Vic.—Intercolonial Congress at Melbourne. S.A.—Commencement of trans-continental telegraph.
- 1871 N.S.W.—Permanent military force raised. W.A.—Passage of Elementary Education Act. Forrest's explorations. Tas.—Discovery of tin at Mount Bischoff. Launceston-Western railway opened for traffic.
- 1872 N.S.W.—International Exhibition at Sydney. Vic.—Mint opened. S.A.—Cable from Java to Port Darwin. Completion of transcontinental telegraph line.
- 1873 N.S.W.—Intercolonial Conference at Sydney. First volunteer encampment. Inauguration of mail service with San Francisco.
- 1874 N.S.W.—Triennial Parliaments Act passed. Intercolonial Conference. W.A.—John and Alexander Forrest arrived at Overland Telegraph from Murchison.
- 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.

- Year.
- 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.
- 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.

- 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.
- 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** Vic.—Railway Strike (Enginemens). 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** 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 A.E.1 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*.

Year.

- 1915 Opening of Broken Hill Proprietary's Ironworks at Newcastle, N.S.W. Navy Department created.  
 Australian troops landed at Gallipoli 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. Parer and McIntosh. Deaths of Rt. Hon. Sir Edmund Barton and of Rt. Hon. Sir Samuel Griffith.
- 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—75 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. Queensland Legislative Council abolished.
- 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.
- 1925 Visit of American fleet. Solar Observatory established at Canberra. De Pinedo's flight, Rome to Australia and return. Brisbane-Kyogle railway commenced. North Shore (Sydney) Bridge commenced. Department of Markets and Migration established.
- 1926 Population of Australia reached 6,000,000. Referendum—Industry and Commerce, Widening State Powers; proposals rejected. Council for Scientific and Industrial Research established. Cobham's flight, London to Australia and return. North-West Australia Commission established.

## Year.

- 1926-27** Visit to Imperial Conference of Rt. Hon. S. M. Bruce, P.C., M.C., Prime Minister; return via America. Equality in Dominion Status; new title for King.
- 1927** Transfer of Seat of Federal Government from Melbourne to Canberra. New Parliament House opened by H.R.H. the Duke of York.
- 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, with navigator and wireless operator. Visit of British Economic Mission to report on the development of Australian resources. Referendum: State Debts. Commonwealth may take over State Debts; proposals affirmed. Empire Forestry Conference held in Australia.
- 1929** Arrival of H.M.A.S. *Canberra*. Disastrous floods in Tasmania entailing the loss of more than twenty lives. Timber Workers' Strike and Northern Coal-fields Lock-out. Death of the first Commonwealth Statistician, Sir George Knibbs. Memorial stone of National War Memorial unveiled at Canberra. Record flight of "Southern Cross" plane, Australia to U.K. by Capt. Kingsford Smith, Messrs. Ulm, Litchfield, and McWilliams, in under thirteen days. Perth centenary celebrated. Defeat of Bruce-Page Government. Right Hon. J. H. Scullin, P.C., Labour Prime Minister. Abolition of compulsory military training in favour of voluntary system.
- 1930** Wireless phone service with other countries inaugurated. Miss Amy Johnson, first woman to fly solo from U.K. to Australia. East to west trans-Atlantic flight of Capt. Kingsford Smith and an international crew in "Southern Cross" plane. Sales tax introduced. Visit to Imperial Conference of Right Hon. J. H. Scullin, P.C., Prime Minister. Visit of Sir Otto Niemeyer, of Bank of England, to discuss financial questions. Record solo aerial flight of Capt. (now Air-Commodore) Kingsford Smith from England to Australia in 10½ days. First Australian—Right Hon. Sir Isaac Alfred Isaacs, P.C., K.C.M.G., Chief Justice of the High Court—appointed to the office of Governor-General of the Commonwealth.
- 1931** First solo aerial flight between Australia and New Zealand by Mr. Guy L. Menzies. Record solo aerial flights of Flying-Officer C. W. A. Scott—England to Australia in 9 days 3 hours; Australia to England in 10 days 23 hours. First experimental air mail from England to Australia and return. 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 &c. New reciprocal trade treaty with Canada. Record solo aerial flight between Australia and England by Mr. J. A. Mollison in 8 days 21 hours. Record solo aerial flight between England and Australia by Mr. C. A. Butler in 9 days 1½ hours. Death of Sir John Monash. Defeat of Scullin Government. Hon. J. A. Lyons, Prime Minister, United Australia Party Government.