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# OFFICIAL YEAR BOOK

OF THE

## COMMONWEALTH OF AUSTRALIA, 1921,

AND EARLIER YEARS.

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### SECTION I.

#### STATISTICAL ORGANIZATION AND SOURCES OF INFORMATION.

##### § 1. Introduction.

1. *Development of Australian Statistics.*—In the first issue of the Commonwealth Official Year Book (No. 1, 1901–1907), an account was given of the origin and development of Australian Statistics; *vide* pp. 1 to 16 therein. Owing to considerations of space, however, this matter was considerably curtailed in succeeding Year Books, and appears in No. 4 on pp. 1 to 4. In the following issues, a still further curtailment has been made in order to make room for new matter.

Briefly, it may be stated that to the “Blue Books” compiled in Australia for the Imperial authorities, there succeeded, under Responsible Government, the statistics which each of the departments prepared for itself. State statistical departments were organised later, principally as collecting agencies of official and general information.

Owing to absence of co-ordination in collection and compilation due to the organization independently of the various States bureaux, there were difficulties in so combining State statistics as to get a satisfactory statistic for Australia as a whole, and various conferences of State Statisticians did not completely rectify the divergencies that had arisen.

*Creation of the Commonwealth Bureau of Census and Statistics.* Constitutionally, matters relating to “Census and Statistics” belong to the Commonwealth, and in 1906, under the authority of the Census and Statistics Act of 1905, providing for the taking of the Census and the collecting of general statistics, the Commonwealth Bureau of Census and Statistics was created. A conference of statistical representatives of Australian States and New Zealand, under the presidency of the Commonwealth Statistician, met in November and December, 1906. For a more or less complete presentation of the affairs of the Commonwealth and of its constituent parts, various desiderata were recognised, and a series of resolutions adopted by the conference. Identity of categories, simultaneity and identity in methods of collection, and uniformity in compilation, were the main features desired. A résumé of the resolutions of this conference is given in Year Book No. 1, pp. 12–16. Mr. G. H. Knibbs, C.M.G., F.S.S. (now Honorary Fellow), etc., was appointed the first Commonwealth Statistician on the 18th June, 1906, and continued in that capacity until the 18th March, 1921, when he was appointed Director of the Commonwealth Institute of Science and Industry. The vacant position was filled in August, 1922, by the appointment, as from 1st August, 1922, of Mr. C. H. Wickens, F.I.A., F.S.S., who had previously filled the position of Supervisor of Census in the Bureau.

**2. Sources of Information.**—Statistical information is furnished (i) by the State Statistical Bureaux, either as a result of direct demand, or through the police and special collectors; (ii) by Commonwealth and State Departments (see lists of publications in § 2 *infra*); (iii) in respect of returns of Trade, Customs and Excise, by the Trade and Customs Department; (iv) by scientific and technical experts, specially requisitioned to write on particular subjects; (v) by State Statisticians, as officers duly constituted under the Commonwealth Census and Statistics Act; and (vi) by information supplied compulsorily, on the Commonwealth Statistician's demand.

**3. Maintenance of Secrecy.**—Under no circumstances can information supplied to a statistical office be used against the individual supplying it. All statistical enquiries are strictly impersonal, and the affairs of individuals or individual businesses are never disclosed. No other Government Department can make use of the Statistical Departments in order to acquire detailed information otherwise unavailable.

**4. Accuracy Essential.**—The importance of accurate statistical information is emphasized. The making of untrue statements is heavily penalised.

## § 2. Statistical Publications of Australia.

**1. Introductory.**—The official statistical publications of Australia may be divided bibliographically into two main divisions, viz. :—(1) Commonwealth publications dealing both individually and collectively with the several States of the Commonwealth, and (2) State publications dealing with individual States only. Besides these there are many other reports, etc., issued regularly, which though not wholly statistical, necessarily contain a considerable amount of statistical information. The more important of these published to September, 1922, are indicated below.

**2. Commonwealth Publications.**—Commonwealth publications may be grouped under two heads, viz. :—(i) Publications issued by the Commonwealth Statistician, and (ii) Parliamentary and Departmental Reports and Papers.

(i) *Publications issued by the Commonwealth Statistician.* The following is a list of the principal statistical publications issued from the Commonwealth Bureau of Census and Statistics since its inauguration up to September, 1922. The Demography, Finance, Production, and Transport and Communication Bulletins cover statistics from 1901. The Year Book contains figures from earlier years. A full list from 1906 to 1920 is given in Official Year Book No. 13, pp. 2 *et seq.*

*Australian Life Tables, 1901–1910. Australian Joint Life Tables, 1901–1910.*

*Census (1911) Bulletins.*

*Census (1911) Results.*—Vols. I., II., and III., with Appendix “Mathematical Theory of Population.”

*Census (1921) Results.*—*Various Bulletins.*

*Finance*—Bulletins, 1907 to 1915–16 annually; 1916–17; 1917–18 and 1918–19, (one vol.); 1919–20 and 1920–21 (one vol.); future issues biennially.

*Labour and Industrial Statistics*—Memoranda and Reports, various, to 1913. *Annual Reports*—Prices, Purchasing Power of Money, Wages, Trade Unions, Unemployment, and General Industrial Conditions, 1913 to 1921.

*Local Government in Australia*—July, 1919.

*Official Year Book of the Commonwealth of Australia*—Annually, 1907 to present issue (1922).

*Pocket Compendium of Australian Statistics* (formerly *Statistical Digest*), 1913, 1914, 1916, 1918, 1919, 1920, 1921, and 1922.

*Population and Vital Statistics Bulletins*—Reports, various. Commonwealth Demography, 1911 to 1921.

*Production*—Bulletins, annually, 1906 to 1920–21.

*Professional Papers*—Various. A full list will be found in Official Year Book No. 13, p. 3.

*Quarterly Summary of Australian Statistics*—first issue, No. 70, December, 1917, replacing *Monthly Summary of Australian Statistics* (Bulletins 1 to 69), and incorporating data from earlier publications relating to Labour, Shipping, Trade, Vital Statistics, Oversea Migration, etc.

*Social Insurance*—Report to the Hon. the Minister of Trade and Customs, 1910.

*Social Statistics*—Bulletins, 1907 to 1920 annually; future issues biennially.

*Superannuation for the Commonwealth Public Service*—Report to the Hon. the Minister of Home Affairs, 1910.

*Trade and Customs*—Trade, and Customs and Excise Revenue, annually, 1906 to 1920–21.

*Transport and Communication*—Bulletins, 1906 to 1916 annually; 1917 and 1918 (one vol.); 1920; future issues biennially.

*Wealth*—The Private Wealth of Australia and its Growth, as ascertained by various methods, together with a Report of the War Census in 1915.

(ii) *Commonwealth Parliamentary and Departmental Reports and Papers.* The principal official reports and papers containing statistical matter issued from the inauguration of the Commonwealth, to 1920, are given in Official Year Book No. 13, pp. 4 *et seq.* They relate chiefly to Administration, Arbitration, Audit, Banks, Bounties, Business Undertakings, Commerce, Commissions (Customs, Defence, Elections, Economics, Industries, Trade), Debts, Defence (Army and Navy), Elections and Franchise, Federal Capital, Fisheries, Forestry, High Commissioner, History, Immigration, Industries and Manufactures, Inter-State Commission, Labour and Unionism, Laws, Lighthouses, Medicine, Meteorology, Murray Waters, Naturalization, New Guinea, Norfolk Island, Northern Territory, Papua, Patents, Pensions, Posts, Prices, Public Service, Public Works, Railways, Repatriation, Science and Industry, Shipping, Social Insurance, Sugar, Tariff, Taxation, Telegraphs, Telephones, Trade and Customs, Trade Marks, Treasury, War Service Homes, Wool, etc.

3. *State Publications.*—(i) The chief publications of each State are:—Publications by the various State Statisticians, the principal of which are set out below. Annual and other Reports of Departments, Officials, Boards, etc., as given in Official Year Book No. 13, pp. 7 *et seq.* Reports and Statements of Local Governing Bodies, also shown in Official Year Book No. 13, pp. 7 *et seq.*

(ii) *Principal Publications by Government Statisticians of the Various States:—*

(a) New South Wales—Statistical Register (annual); Official Year Book of New South Wales (annual); Statesman's Year Book (annual); Vital Statistics (monthly and annual); Statistical Bulletin (monthly to December, 1919, thereafter quarterly).

(b) Victoria—Statistical Register (annual to 1916, then discontinued); Victorian Year Book (annual); Vital Statistics (annual and quarterly); Statistical Abstracts (quarterly to 1917).

(c) Queensland—Statistical Register (annual); Official Year Book, 1901; A.B.C. of Queensland Statistics (annual); Vital Statistics (annual and monthly).

(d) South Australia—Statistical Register (annual); Official Year Book, 1912 and 1913; Blue Book (annual); Statesman's Pocket Year Book (annual); Returns of Births and Deaths (monthly).

(e) Western Australia—Statistical Register (annual); Year Book, 1900–03, 1902–4, 1905 (part); Blue Book (annual); Statistical Abstracts (quarterly, previously issued monthly to July, 1917); Population and Vital Statistics (annual and quarterly); Statistical View of Progress (annual).

(f) Tasmania—Statistical Register (annual); Statesman's Pocket Year Book annual, from 1915; Statistical Summaries (annual); Vital Statistics and Migration (annual and monthly).

### § 3. Bibliography of Recent Works on Australia.

1. **General.**—In Official Year Book No. 13, a list of the principal general works dealing with Australia and Australian affairs, published from 1901 to 1920, will be found. Of the publications of the first sixteen years of the Commonwealth the more important are now repeated, with a fuller list of works published within the last six years.

- ALLIN, C. D. *A History of the Tariff Relations of the Australian Colonies.* Minneapolis, 1918.
- ATKINSON, MEREDITH (Ed.). *Australia: Economic and Political Studies, by Various Writers.* Melbourne, 1920.
- AUSTRALIAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. *Annual Reports of Proceedings.*
- BEAN, C. E. W. (Ed.). *Official History of Australia in the War of 1914–1918 (in 12 vols.).* Vol. I., Sydney, 1921.
- BERNAYS, C. A. *Queensland Politics during Sixty Years, 1859–1919.* Brisbane, 1919.
- BOWDEN, S. H. *History of the Australian Comforts Fund.* Sydney, 1922.
- BRADY, E. J. *Australia Unlimited.* Melbourne, 1918.
- BRITISH IMMIGRATION LEAGUE OF AUSTRALIA. *Annual Reports.*
- BRYANT, J. *The Story of Australia: for Boys and Girls.* London, 1920.
- BRYCE, VISCOUNT. *Modern Democracies.* London, 1921.
- COGHLAN, SIR T. A. *Labour and Industry in Australia.* London, 1918. 4 vols.
- COLLINGRIDGE, GEORGE. *First Discovery of Australia and New Guinea.* Sydney, 1906.
- CREED, DR. J. M. *My Recollections of Australia and Elsewhere, 1842–1914.* London, 1916.
- ELLIS, A. D. *Australia and the League of Nations.* Melbourne, 1922.
- EVATT, H. R. *Federalism in Australia.* Sydney and London, 1918.
- FAVENC, E. *Explorers of Australia.* Melbourne, 1908.
- FEDERAL HANDBOOK ON AUSTRALIA. Melbourne, 1914.
- FORBES, MRS. A. G. *Odd Bits of Old Sydney.* Sydney, 1921.
- FOSTER, A. G. *Early Sydney.* Sydney, 1920.
- FOX, FRANK. *Peeps at Many Lands. Australia.* London, 1911.
- FRASER, J. FOSTER. *Australia: The Making of a Nation.* London, 1910.
- GREGORY, J. W. *The Dead Heart of Australia.* London, 1906. *Australia and New Zealand (in Stanford's Compendium of Geography and Travel).* London, 1907. *Australia.* Cambridge, 1916.
- GULLETT, H. S. *The Opportunity in Australia.* London, 1914.
- HEATON, H. *Modern Economic History (with Special Reference to Australia).* Melbourne, 1921.
- HOOKEY, M. *The Romance of Tasmania.* Hobart, 1921.
- HOWITT, DR. A. W. *The Native Tribes of South East Australia.* London, 1904.
- JACK, R. L. *Northmost Australia.* Melbourne, 1922.
- JENKS, E. *History of the Australasian Colonies.* 3rd Edition. Cambridge, 1912.
- JENNESS, D., and BALLANTYNE, A. *The Northern D'Entrecasteaux.* Oxford, 1920.
- JOHNS, FRED. *Notable Australians.* Adelaide, 1906 and 1908. *Australasia's Prominent People.* London, 1914. *Fred Johns' Annual, showing Who's Who in Australasia.* Adelaide, 1912, 1913, 1914; Sydney, 1922.
- JOHNSTON, SIR H. *Pioneers in Australasia.* London, 1913.
- JOSE, A. W. *History of Australasia.* 7th edition. Sydney, 1921.
- KNOWLES, G. S. *The Acts of the Parliament of the Commonwealth of Australia from 1901 to 1911, and in force on January 1, 1912.* London, 1914.
- LEWIN, E. *The Commonwealth of Australia.* London, 1917.
- LONG, C. R. *Stories of Australian Exploration.* Melbourne. Editions 1903, 1906, and 1913.
- LONG, C. R., and WALLACE, G. M. *Notable Deeds of Famous Men and Women.* Melbourne, 1921. *Stories of British Worthies on Sea and Land.* Melbourne, 1921.
- MASSON, E. R. *An Untamed Territory—The Northern Territory of Australia.* London, 1915.
- MILLS, DR. R. C. *The Colonization of Australia (1829–42).* London, 1915.
- MONASH, LIEUT.-GEN. SIR JOHN. *The Australian Victories in France in 1918.* London, 1920.
- MONCKTON, C. A. W. *Some Experiences of a New Guinea Resident Magistrate.* London, 1921. *Last Days in New Guinea: Further Reminiscences.* London, 1922.
- MOORE, W. H. *The Constitution of the Commonwealth of Australia.* London, 1902. Second Edition. Melbourne, 1910.
- MORGAN, B. H. *The Trade and Industry of Australia.* London, 1909.
- MURDOCH, WALTER. *The Australian Citizen.* Melbourne, 1912. *The Making of Australia.* Melbourne, 1917.
- MURPHY, H. M. *Labour and Wages in Australia.* Melbourne, 1917.
- MURRAY, J. H. P. *Review of the Australian Administration in Papua from 1907 to 1920.* Port Moresby, 1920.
- NORTHCOTT, C. H. *Australian Social Development.* New York, 1918.
- ONSLOW, S. M. *Early Records of the Macarthurs of Camden, 1789–1834.* Sydney, 1914.
- OXFORD SURVEY OF EMPIRE (6 vols.). Vol. V. *Australasia.* London, 1914.
- PRESTON, R. M. P. *The Desert Mounted Troops: An Account of the Cavalry Operations in Palestine and Syria, 1917–1918.* London, 1921.
- QUICK, HON. SIR J., AND GARRAN, SIR R. R. *The Annotated Constitution of the Australian Commonwealth.* Sydney, 1901.

- QUICK, HON. SIR J., AND GROOM, HON. L. E. *The Judicial Power of the Commonwealth*. Melbourne, 1904.
- QUICK, HON. SIR JOHN. *The Legislative Powers of the Commonwealth and the States of Australia*. Melbourne and Sydney, 1919.
- RANKIN, M. T. *Arbitration and Conciliation in Australia*. London, 1916.
- RUSDEN, G. W. *History of Australia*. 3 vols. Melbourne, 1908.
- SARGENT, A. J. *Australasia: Eight Lectures* (Great Britain—Colonial Office). London, 1913.
- SCHACHNER, R. *Australien in Politik, Wirtschaft, Kultur*. Bd. I. Jena, 1909; do. Bd. II. Jena, 1911.
- SCOTT, ERNEST. *A Short History of Australia*. Oxford, 1916.
- SCOTTISH AGRICULTURAL COMMISSION'S REPORT. *Australia: Its Land, Conditions, and Prospects*. Edinburgh, 1911.
- SEARCY, A. *In Australian Tropics*. London, 1907.
- SMITH, S. U., and STEVENS, B. (Eds.). *The Macquarie Book: The Life and Times of Governor Lachlan Macquarie*. Sydney, 1921.
- SPENCER, SIR W. B., AND GILLEN, F. J. *The Northern Tribes of Central Australia*. London, 1904. *Across Australia*. 2 vols. London, 1912. *The Native Tribes of the Northern Territory of Australia*. London, 1914.
- SUTCLIFFE, J. T. *The History of Trade Unionism in Australia*. Melbourne, 1921.
- TAYLOR, DR. T. G. *Australia. Physiographic and Economic*. Oxford, 1911. *A Geography of Australia*. Oxford, 1914. With Scott: *The Silver Lining*. London, 1916. *The Australian Environment, especially as controlled by Rainfall*. Melbourne, 1918. *Agricultural Climatology of Australia*. (Quarterly Journal of Royal Meteorological Society, Oct., 1920.)
- THOMAS, N. W. *Natives of Australia*. London, 1906. *Kinship Organisations and Group Marriages in Australia*. Cambridge, 1906.
- THOMSON, R. P. *A National History of Australia, New Zealand and the Adjacent Islands*. London, 1917.
- TURNER, H. G. *First Decade of the Australian Commonwealth*. London, 1911.
- WATSON, DR. F. *Historical Records of Australia*, vol. 1, series I—XIII. Sydney, 1913.
- WHITE, RIGHT REV. GILBERT (Bishop of Willochra). *Thirty Years in Tropical Australia*. London, 1918.
- WILKINSON, H. L. *State Regulation of Prices in Australia*. Melbourne, 1917.
- WISE, HON. B. R. *Commonwealth of Australia*. London, 1909. 2nd Edition, London, 1913. *The Making of the Australian Commonwealth*. London, 1913.
- YEAR BOOK OF AUSTRALIA. Annual. Sydney.
- YOUNG, D. H. *A White Australia: is it possible?* Melbourne, 1922.

2. *Works on Special Subjects.*—In addition to the works set out above, dealing generally with the historical, industrial and personal aspects of the Australian people, there have been a number of recent works upon special subjects, the more important of which will be found in Official Year Book No. 13, pp. 11–12. The following list of more recent works of note may be of interest:—

- BAKER, RICHARD T., AND SMITH, H. G. *A Research on the Eucalypts*. Sydney, 1902. *A Research on the Pines of Australia*. Sydney, 1910.
- BAKER, RICHARD T. *Cabinet Timbers of Australia*. Sydney, 1913. *Australian Flora in Applied Art*. Sydney, 1915.
- BARRETT, C. *Australian Nature Pictures*. Melbourne, 1920.
- BREWSTER, A. A., and LE PLASTRIER, C. M. *Botany for Australian Students*. Sydney, 1922.
- BREWSTER, M. N. *Life Story of Australian Insects*. Sydney, 1920.
- CAMPBELL, A. J. *Golden Wattle: Our National Floral Emblem*. Melbourne, 1921.
- CHAPMAN, F. *Australian Fossils*. Sydney, 1914.
- GUILFOYLE, W. R. *Australian Plants*. Melbourne, 1910.
- HALL, ROBERT. *Useful Birds of Southern Australia*. Melbourne, 1907.
- HAWKESWORTH, A. *Australasian Sheep and Wool*. 3rd Edition. Sydney, 1911.
- HUNT, H. A., TAYLOR, DR. T. G., AND QUAYLE, E. T. *Text Book on the Climate and Weather of Australia*. Melbourne, 1914.
- LUCAS, A. H. S., AND LE SOUEF, W. H. D. *Animals of Australia*. Melbourne, 1909. *The Birds of Australia*. Melbourne, 1911.
- MACDONALD, J. R. *Australian and New Zealand Sheep Farming: Wool, Mutton, Pastures*. Auckland, 1920.
- MAIDEN, J. H. *Critical Revision of the Genus Eucalyptus*. 5 vols. and 3 parts of 6th vol. Sydney, 1903–21. *Forest Flora of New South Wales*. 6 vols. and 3 parts of 7th vol. Sydney, 1904–21.
- SCHULER, P. F. E. *Australia in Arms*. London, 1916.
- TAYLOR, DR. T. G. *Australian Meteorology*. Oxford, 1920.