

VICTORIAN YEAR BOOK 1963

*No. 77*

This page was added on 11 January 2013 to include the Disclaimer below.  
No other amendments were made to this Product

## DISCLAIMER

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

Further copies of this book may be obtained from the

Deputy Commonwealth Statistician,  
8 Elizabeth Street,  
MELBOURNE, C.I.

or leading booksellers. The price is 15s., or if ordered  
by post, please add 3s. 4d. postage.



*With the Compliments  
of the  
Deputy Commonwealth Statistician  
Victoria*

## Gateway to Melbourne . . .



[Australian News and Information Bureau.]

Every ship entering or leaving Port Phillip Bay requires the services of a qualified pilot. This photograph shows one of the pilots being transferred by work boat from the Pilot Ship RMS *Wyuna* to an oversea tanker about to enter the Bay through the Rip.

# VICTORIAN YEAR BOOK

1963

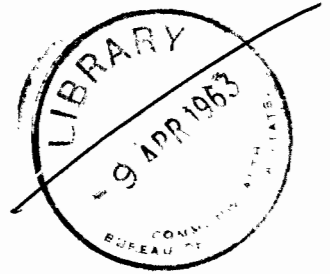
PERIODICALS SECTION,  
DARWIN COMMUNITY  
COLLEGE L.R.C.

21 JUL 1978

V. H. ARNOLD, F.I.A.

*Deputy Commonwealth Statistician  
and  
Government Statist for Victoria*

*No. 77*



*Melbourne*

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

*Victorian Office*

1963

DARWIN COMMUNITY COLLEGE L.R.C.

*By Authority :*

A. C. BROOKS, GOVERNMENT PRINTER, MELBOURNE

Registered at the General Post Office, Melbourne,  
for transmission through the post as a book.  
Wholly set up and printed in Australia.

# CONTENTS

<i>Part</i>		<i>Page</i>
	PREFACE	
	ACKNOWLEDGMENTS	
<b>1.</b>	<b>PHYSICAL ENVIRONMENT</b>	
	Mammals of Victoria .. .. .	1
	Geographical Features .. .. .	24
	Rivers and Water Resources .. .. .	30
	Physical Geography .. .. .	43
	Climate .. .. .	49
<b>2.</b>	<b>GOVERNMENT AND ADMINISTRATION</b>	
	Constitution .. .. .	65
	Government .. .. .	69
	Parliament .. .. .	70
	Electoral System .. .. .	84
	Agent-General for Victoria .. .. .	92
	Victorian Government Departments .. .. .	92
<b>3.</b>	<b>DEMOGRAPHY</b>	
	Population .. .. .	105
	Vital Statistics .. .. .	135
<b>4.</b>	<b>SOCIAL CONDITIONS</b>	
	Cultural and Recreational .. .. .	171
	Education .. .. .	191
	Health and Medical Research .. .. .	230
	Social Welfare .. .. .	277
	Justice and the Administration of Law .. .. .	311
	Housing and Building .. .. .	345
<b>5.</b>	<b>LOCAL GOVERNMENT</b>	
	Administration .. .. .	371
	Statistics of Local Government .. .. .	395
	Semi-Governmental Authorities .. .. .	408
<b>6.</b>	<b>WAGES, EMPLOYMENT, AND PRICES</b>	
	Industrial Conditions .. .. .	431
	Wages .. .. .	454
	Employment and Unemployment .. .. .	466
	Prices .. .. .	475

CONTENTS—*continued*

<i>Part</i>	<i>Page</i>
<b>7. PRIMARY PRODUCTION</b>	
Land Settlement and Irrigation .. .. .	483
Agricultural Research, Extension, and Education ..	503
Farming .. .. .	507
Primary Industries other than Farming .. .. .	564
Value of Production .. .. .	575
 <b>8. MANUFACTURING INDUSTRY</b>	
Modern Management Techniques in Manufacturing Industry .. .. .	579
Manufacturing Activity .. .. .	583
Individual Industries .. .. .	615
 <b>9. FINANCE</b>	
Public Finance .. .. .	645
Private Finance .. .. .	686
 <b>10. TRADE, TRANSPORT, AND COMMUNICATIONS</b>	
Retail Trade .. .. .	733
Oversea Trade .. .. .	740
Transport .. .. .	751
Communications .. .. .	789
 <b>APPENDIX A .. History of Victoria's Early Statistics and Statisticians ..</b>	
<b>801</b>	
 <b>APPENDIX B .. Principal Events from 1st July, 1961 to 30th June, 1962 ..</b>	
<b>807</b>	
 <b>APPENDIX C .. Index of Special Articles in the Previous Editions of the Victorian Year Book ..</b>	
<b>810</b>	
 <b>APPENDIX D .. Index of Maps in the Previous Editions of the Victorian Year Book ..</b>	
<b>812</b>	
 <b>APPENDIX E .. Select Bibliography of Books Published in Victoria, 1961-62</b>	
<b>812</b>	
 <b>APPENDIX F .. List of Victorian Statistical Publications ..</b>	
<b>815</b>	
 <b>INDEX .. .. .</b>	
<b>817</b>	



## LIST OF PHOTOGRAPHS

	<i>Page</i>
Transferring the Pilot .. .. . Frontispiece	
Mammals of Victoria .. .. . Facing	18
Life in Victoria Today .. .. . Facing	370
Victoria's Chemical Industry .. .. . Facing	594

## LIST OF MAPS, DIAGRAMS, AND GRAPHS

FOLDING MAP	Victoria's Rivers and Catchments .. Facing	30
FIGURE 1	.. Victoria's Water Resources and River Basins	36
FIGURE 2	.. Physiographic Divisions of Victoria ..	44
FIGURE 3	.. Annual Rainfall of Victoria for 1961 ..	51
FIGURE 4	.. Rainfall Reliability by Districts .. ..	55
FIGURE 5	.. State Electoral Provinces for Legislative Council .. .. .	85
FIGURE 6	.. State Electoral Districts for Legislative Assembly .. .. .	86
FIGURE 7	.. Graph showing age and sex of population at Censuses 1933, 1947, 1954, and 1961	110-111
FOLDING MAP	Statistical Divisions of Victoria .. Facing	114
FIGURE 8	.. Graph showing percentage of total deaths in each age group by sex 1921-1961 ..	152
FIGURE 9	.. Graph showing deaths from selected causes	156
FIGURE 10	.. Graph showing number of houses classified according to building authority ..	356
FIGURE 11	.. Graph showing percentage of houses commenced classified according to materials used .. .. .	357
FIGURE 12	.. Counties and Statistical Districts of Victoria	508
FIGURE 13	.. Graph showing value of output of factories	594
FIGURE 14	.. Graph showing number of factories and value of production classified according to number of persons employed .. ..	594
FIGURE 15	.. Map showing coal deposits in Victoria ..	639
FIGURE 16	.. Graph showing new motor vehicle registrations .. .. .	778
FIGURE 17	.. Victoria : Regular Air Services .. ..	787



The form of the Pink Heath, *Epacris impressa* Labill. was proclaimed by the Governor of Victoria, General Sir Dallas Brooks, to be the Floral Emblem for the State of Victoria on 11th November, 1958. This plant was chosen as the result of a number of plebiscites made throughout Victoria by the Field Naturalists' Club of Victoria, the Tree Planters Association of Victoria, and the Metropolitan Press, over a period of some twenty years.

## PREFACE

This seventy-seventh volume of the Victorian Year Book again aims to present the main aspects of current life in Victoria along the lines of the previous two editions.

At the present time the rapid growth and change in the community make necessary fairly frequent revision of articles previously published. Continuity is preserved by referring to these previous articles in appropriate places and then listing them in a comprehensive index in Appendix C.

On the statistical side, every effort has been made to bring previous tables up to date and thus ensure comparability. Statistical information on Victorian industry and activity is gradually increasing and this is reflected in a continual expansion of the broad outlines presented in the Year Book. It is not, of course, the place for setting out detail. For the specialist reader, the office publishes, and frequently expands, its wide range of publications, which are listed in Appendix F, and are available on application as shown. For instance, new publications dealing with *Industrial Accidents*, *Education*, and *Hospital Morbidity* are now being published regularly.

The results of the 1961 Census are becoming progressively available. Wherever possible, relevant information has been included in the appropriate part of the text.

The material in the Year Book has been carefully checked throughout, but I would be grateful to be advised of any defects in the text.

Readers requiring the main statistical information of the Year Book in a concise form are referred to the *Victorian Pocket Year Book*, which is usually published some three months after this volume.

It is fitting to record here the retirement of Sir Stanley Carver, Kt., O.B.E., B.A., on 6th February, 1962, from the dual offices of Commonwealth Statistician and Government Statistician of New South Wales. After serving in the N.S.W. State Statistical Office from 1920, he was appointed Government Statistician of New South Wales in 1938, and two years later assumed as well the duties of the office of Commonwealth Statistician. It was at this time during the war that the demands of national planning made necessary a tremendous increase in the rather meagre statistical information and facilities that were then available.

This resulted in many statistical records for war planning developing spontaneously in various departments and it was due to Sir Stanley Carver's skill and persistence that these isolated groups were co-ordinated into a single statistical service which was able to supply the War Cabinet with essential information, up to date, co-ordinated, and clear in presentation.

Altogether the period of his occupancy of these two positions saw major developments in the scope and substance of Australian official statistics, and it was his guiding hand which in 1958 finally accomplished the long-standing objective of the integration of the statistical organizations of the Commonwealth and the separate States. The conferring of a knighthood on the eve of his retirement recognized a long and distinguished service.

In view of the number of persons and institutions involved in the preparation of this Year Book, I have expressed my thanks to them in detail in the following pages.

V. H. ARNOLD  
*Deputy Commonwealth Statistician  
and Government Statist*

Commonwealth Bureau of Census and Statistics,  
Victorian Office,  
8 Elizabeth-street,  
Melbourne, C.1,  
February, 1963.

## ACKNOWLEDGMENTS

The preparation of this Victorian Year Book has been a complex undertaking which would not have been possible without the willing co-operation of many persons and institutions in the community.

First, I wish to thank members of my own staff who have pursued their task with great enthusiasm and have again endeavoured to make the Year Book a true reflection of Victoria's activities today. It has been edited by the Editor of Publications, Mr. H. L. Speagle, M.A., B.Ed. The revision, compilation, and tabulation of statistics has been the responsibility of the Assistant Deputy Commonwealth Statistician, Mr. F. W. Sayer, B. Com., and the four divisional supervisors working under him :—Mr. N. Bowden, B.Ec., Primary and Secondary Production ; Mr. N. L. Dunstan, Business Statistics, Building, and Employment ; Mr. T. J. Fallon, B.A., Dip. Pub. Admin., A.I.A., Research, Development, and Publications ; and Mr. G. E. Kitson, Demography, Social Conditions, Finance, Trade and Transport.

Secondly, my thanks are due to the many persons and institutions listed below who either supplied basic information for the various articles or advised on their preparation. Their suggestions in many cases made possible a continual revision of the scope as well as the contents of various articles.

Thirdly, I must thank the Government Printer and his staff for their interest, skill, and resourcefulness in printing this book.

The following persons and institutions assisted in the preparation of the articles :—

### **Part 1.—Physical Environment**

Commonwealth Bureau of Meteorology  
Department of Crown Lands and Survey  
State Rivers and Water Supply Commission  
Surveyor General  
University of Melbourne—  
    Department of Geography  
    Department of Geology  
Mr. N. A. Wakefield

### **Part 2.—Government and Administration**

Chief Electoral Officer  
Clerk of Parliament  
Commonwealth Electoral Officer for Victoria  
Crown Law Department  
Messrs. Longmans, Green and Co. Ltd. (Maps)  
Official Secretary to His Excellency, the Governor of Victoria  
Premier's Department  
Public Service Board  
State Library of Victoria—Archives Division

#### Part 4—Social Conditions

Age, The  
Alfred Hospital  
Anti-Cancer Council  
Australian Broadcasting Commission (Victoria)  
Australian Broadcasting Control Board  
Australian Elizabethan Theatre Trust  
Australian Red Cross Society (Victoria)  
Baker Medical Research Institute  
Hon. Sir John Barry, Kt., Judge of the Supreme Court of Victoria  
Cancer Institute Board  
Catholic Education Office  
Children's Court  
Children's Welfare Department  
Mr. Neil Clerehan  
Council of Adult Education  
Council of Public Education  
Education Department  
Free Library Service Board  
Department of Health  
Hospitals and Charities Commission  
Housing Commission of Victoria  
Institute of Applied Science  
Sir William Johnston, Kt., C.B.E., D.S.O., M.C., E.D.\*  
Licensing Court  
Lord Mayor's Fund  
Melbourne City Council  
Mental Health Research Institute  
Mental Hygiene Authority  
Monash University  
National Gallery of Victoria  
National Heart Foundation  
National Parks Authority  
Nursing Adviser to the Minister of Health  
Prothonotary of the Supreme Court  
Repatriation Department  
Royal Children's Hospital  
Royal Melbourne Institute of Technology  
Royal Society of Victoria  
Department of Social Services  
Social Welfare Department  
State Film Centre  
State Library of Victoria  
Swinburne Technical College  
Sir William Upjohn, Kt., O.B.E.  
University of Melbourne—  
    Faculty of Medicine  
    Vice Chancellor  
Victoria Police  
Victorian Bush Nursing Association  
Victorian College of Pharmacy

\* Since deceased.

Victorian Headmasters' Conference  
Walter and Eliza Hall Institute of Medical Research  
War Service Homes Division

#### **Part 5—Local Government**

Department of Agriculture (Ballarat District)  
City of Ballaarat  
Ballarat Art Gallery  
Ballarat Water Commissioners and Sewerage Authority  
Country Fire Authority  
Country Roads Board  
Geelong Waterworks and Sewerage Trust  
Latrobe Valley Water and Sewerage Board  
Local Government Department  
Melbourne City Council  
Melbourne and Metropolitan Board of Works  
Mines Department  
Ronaldson Bros. and Tippett Ltd., Ballarat  
State Rivers and Water Supply Commission

#### **Part 6—Employment, Wages, and Prices**

Department of Labour and Industry

#### **Part 7—Primary Production**

Department of Agriculture  
Australian Wheat Board  
Dr. Alan Barnard, Australian National University  
Commonwealth Scientific and Industrial Research Organization  
—Animal Health Division  
Department of Crown Lands and Survey  
Fisheries and Wildlife Department  
Forests Commission  
Goldsbrough, Mort and Co. Ltd.  
Grain Elevators Board  
Mines Department  
Soil Conservation Authority  
Soldier Settlement Commission  
State Rivers and Water Supply Commission  
Surveyor General  
University of Melbourne—School of Agriculture  
Sir Samuel Wadham, Kt., Emeritus Professor of Agriculture,  
University of Melbourne.

#### **Part 8—Manufacturing Industry**

Gas and Fuel Corporation  
Imperial Chemical Industries of Australia and New Zealand Ltd.  
Mr. Malcolm S. Moore, C.B.E.  
National Gas Association of Australia  
Premier's Department—Division of State Development  
State Electricity Commission

### **Part 9—Finance**

Australia and New Zealand Bank Ltd.  
Commonwealth Banking Corporation  
Council of Fire and Accident Underwriters  
Registrar of Companies  
Registrar of Probates  
Registrar-General of Titles  
Royal Mint  
State Savings Bank of Victoria  
Stock Exchange, Melbourne  
Surveyor General

### **Part 10—Trade, Transport, and Communications**

Australian National Line  
Department of Civil Aviation (Victoria-Tasmania Region)  
Geelong Harbor Trust Commission  
Melbourne Harbor Trust Commissioners  
Melbourne and Metropolitan Tramways Board  
Overseas Telecommunications Commission  
Port Phillip Pilots Service  
Portland Harbor Trust Commissioners  
Postmaster-General's Department (Victoria)  
Department of Trade  
Traffic Commission  
Transport Regulation Board  
Victorian Railways Commissioners

V.H.A.