

Photographs

	The heart of Melbourne	<i>Frontispiece</i>
<i>Chapter 2</i>	GROWTH AND DEVELOPMENT	
	Melbourne today showing the city centre, the port and environs	page 4
	Stages in the growth of Melbourne	8
	The evolution of Collins Street	9
<i>Chapter 3</i>	THE PLANNING AREA AND ITS ADMINISTRATION	
	State Parliament House — the seat of government	14
	Quarries in the metropolitan area	21
<i>Chapter 4</i>	THE PEOPLE OF THE PLANNING AREA	
	The people make the city a living entity	28
	Migrants arriving from Europe	41
	Nearly half the work force is employed in industry	41
<i>Chapter 5</i>	AGRICULTURE	
	Market gardens at Moorabbin	42
	Dairy cattle grazing in the outer suburbs	46
	A modern milk tanker arriving from Gippsland	46
	Orchards near Doncaster	47
	A poultry farm to the south-east	47
<i>Chapter 6</i>	RESIDENTIAL DEVELOPMENT	
	Flats overlooking the river in an inner suburb	48
	Melbourne's residential suburbs	52
	Sub-standard housing in the inner suburbs	60
	Flats and row houses	66, 67
<i>Chapter 7</i>	INDUSTRY	
	Melbourne's growth is largely dependent on industry	68
	Engineering, Clothing, Textiles and Food account for most factory employment	73
	Intensely developed factory area adjoining the city centre	80
	Factory development at Fishermen's Bend	80
	Industries with direct access to wharf space	83
	Light industry suitably located near residential areas	83
	Mixed development where factories are replacing old housing	83
	High density vertical development with site area often completely built on	85
	Modern factories showing lower density horizontal type development	85

Photographs

Chapter 8 COMMERCE

Bourke Street, the hub of Melbourne shopping	page 88
Suburban shopping	99
A small planned suburban shopping centre at Sandringham	100
Stonestown, San Francisco, U.S.A. — a large modern American suburban centre	101
Queen Victoria Market on a busy day	105
Cattle being driven through a residential area near Newmarket	109
Cattle being sold at Newmarket Saleyards	109
The Fish Market	111
Newmarket Saleyards	113

Chapter 9 PUBLIC UTILITIES

High voltage lines transmitting electric power from Yallourn to Melbourne	114
Newport Power Station	118
Cattle grazing at the Metropolitan Sewage Farm	118
A catchment area for Melbourne's water supply	118
West Melbourne Gas Works	122
A new garbage incinerator at St. Kilda	122
The telephone exchange operator	122

Chapter 10 EDUCATION AND CULTURE

A sound education system is vital to the nation	126
A State subsidised kindergarten	133
A modern State primary school in the eastern suburbs	133
A State secondary school	133
Typical old State primary school with inadequate space and located on a busy highway	133
A private secondary school	136
The University	137
Melbourne Public Library	139
A State technical school	139

Chapter 11 HEALTH

A children's ward in Prince Henry's Hospital	140
Some of Melbourne's general hospitals	146
A suburban infant welfare centre	150
Heatherton Sanatorium. Nurses' home	151

Photographs

Chapter 12 RECREATION

Melbourne Cricket Ground during a football final	page 152
Popular field sports	158
Playing fields and sports arenas	162
A children's playground in the inner suburbs	164
"Music for the people"	164
Erosion at Sandringham	165
A quiet corner in the Botanic Gardens	165

Chapter 13 ROAD COMMUNICATIONS

Transport — the lifeblood of the community	166
Through traffic in the central area	181
Queen's Bridge — an important southern outlet	181
Industrial traffic	181
Former stock routes are today one of our major assets	181

Chapter 14 PUBLIC TRANSPORT

Flinders Street Station, one of the busiest in the world	182
Large overseas vessels berth at Port Melbourne	194
More than 130,000 workers travel to work each day by tram	195
Melbourne Airport is the busiest in the British Commonwealth	195
Jolimont Yards — where suburban trains are marshalled	195
Loading road freight on city streets	195

Chapter 15 THE CENTRAL BUSINESS AREA

The central business area	196
Shops in Bourke Street	207
Financial and business offices in Collins Street	208
Old buildings in Little Bourke Street	208
An old storage warehouse in King Street	208
Medical and professional chambers at the eastern end of Collins Street	208

Tables

<i>Chapter 3</i>	THE PLANNING AREA AND ITS ADMINISTRATION	
1	Classification of urban land use, 1951	page 24
2	Administration of the principal civic functions of the metropolitan area	26
<i>Chapter 4</i>	THE PEOPLE OF THE PLANNING AREA	
3	Melbourne population as a percentage of total Australian population	32
4	Estimated future population of Australia and Melbourne	32
5	Comparison of population of Victoria and Melbourne	33
6	Population increase in Victorian urban centres	34
7	Percentage of Australian population in each age group	35
8	Comparison of age structure — Australia and Melbourne	37
9	Distribution of working population in various countries and cities	38
10	Work force of various cities as a percentage of total population	39
11	Composition of work force in Melbourne, 1947	40
12	Distribution of work force in Melbourne according to industrial classification	40
13	Distribution of work force in Melbourne according to occupational status, 1947	41
<i>Chapter 5</i>	AGRICULTURE	
14	Fruit growing within the metropolitan planning area, 1950	44
15	Vegetable production in the metropolitan and adjacent areas, 1950	44
<i>Chapter 6</i>	RESIDENTIAL DEVELOPMENT	
16	Reasons for desire to change place of residence	50
17	Conditions of residential occupancy, 1947 census	54
18	Size of households in Melbourne, 1947	55
19	Households living in each type of dwelling	58
20	Estimated number of future households	58
21	Dwellings requiring replacement per annum	59
22	Estimated total of additional dwellings required for population of 2,500,000	61
23	Estimate of annual rate of future dwelling requirements for Melbourne	62
24	Relative costs of British housing types	62
25	Comparison of costs of housing types in Melbourne, 1952	63
26	Estimated cost of installing services, June, 1952	63
27	Relation of residence to work in Melbourne, 1951	65
<i>Chapter 7</i>	INDUSTRY	
28	Percentage of Australian work force engaged in manufacturing industry	69
29	Development of Victorian industry, 1903-48	71
30	Factory employment in Melbourne, 1949	71
31	Distribution of industrial land, 1951	75
32	Location of industry in Melbourne	75
33	Distribution of industrial employment	76
34	Relation between industrial employment and place of residence of industrial workers	77
35	Daily movement of industrial workers	78
36	Trend in industrial location	79

Tables

37	Existing industrial density	page 81
38	Industrial site density standards based on full site development	82
39	Estimated distribution of future industrial work force	84
40	Estimated area required for general manufacturing industries for population of 2,500,000	86
 <i>Chapter 8</i> COMMERCE		
41	Percentage distribution of metropolitan retail turnover, 1949	92
42	Percentage of metropolitan households which shop in city and suburbs, 1951	93
43	Annual retail expenditure per person, 1949	93
44	Distribution of shops within broad suburban catchment areas, 1951	95
45	Size of suburban shopping centres	96
46	Distribution of shops of various types within the suburbs, 1951	97
47	Size and composition of large suburban centres, 1951	98
48	Retail markets	102
49	Australian meat exports, 1950-52	106
50	Metropolitan stock markets — yearly yardings, 1950-51	106
51	Estimated weekly killing capacity of metropolitan and country abattoirs	107
52	Estimated weekly meat requirements of Melbourne, 1951	107
53	Newmarket yardings, 1948-51	108
54	Sources of fish sold through Melbourne fish market	110
 <i>Chapter 9</i> PUBLIC UTILITIES		
55	M.M.B.W. water supply catchment area and storages, 1952	116
56	Percentage of water used by various consumers	116
57	Melbourne sewerage systems, 1953	117
58	Capacity of Victorian electricity supply system, 1952	119
59	Telephone density, 1912-52	123
60	Average cost of installing utility services in Melbourne, 1952	125
 <i>Chapter 10</i> EDUCATION AND CULTURE		
61	Distribution of primary schools, 1951	129
62	Distribution of secondary schools, 1951	129
63	Distribution of technical schools, 1951	132
64	Distribution of Australian school age groups, 1950	132
65	Estimated percentage of total population that would attend secondary schools	135
66	Estimated additional schools required for population of 2,500,000	138
 <i>Chapter 11</i> HEALTH		
67	Distribution of general hospital accommodation, 1952	144
68	Distribution of special hospital accommodation, 1952	145
69	Distribution of convalescent hospitals, 1952	147
70	Distribution of infant welfare centres, 1952	148
71	Percentage of cremations, 1932-50	148
72	Cemetery facilities for earth burials, 1951	149
73	Capacity of existing cemeteries for earth burials	149

Tables

<i>Chapter 12</i>	RECREATION	
74	Distribution of urban land for recreation, 1951	page 154
75	Distribution and use of playing fields for sport, 1951	155
76	Metropolitan racecourses	159
77	Summary of existing needs of seasonal field sports	160
78	Intensity of development of existing open space used for playing fields	161
79	Comparison between gross area available and standard area required for present needs	163
80	Distribution of children's playgrounds, 1952	164
<i>Chapter 13</i>	ROAD COMMUNICATIONS	
81	Vehicular trips across boundaries of central area	169
82	Traffic counts, 1947 and 1952	170
83	Basic data for traffic estimation, 1951	171
84	Movement of workers travelling to work by car, 1951	173
85	Movement of worker traffic between subdivisions, 1951	173
86	Proportion of worker traffic	174
87	Traffic generated by suburban shopping	174
88	Estimated distribution of population, resident workers, employment and number of cars garaged for a population of 2,500,000	176
89	Estimated traffic between subdivisions for population of 2,500,000	178
90	Vehicle operation costs	178
<i>Chapter 14</i>	PUBLIC TRANSPORT	
91	Movement of workers, 1951	186
92	Estimated movement of workers for a population of 2,500,000	189
93	Metropolitan travellers by public transport, 1951	192
94	Comparison between railway and tramway services	192
95	Estimated city workers in train and tram catchments	194
96	Number of railway bookings at various distances from Melbourne	194
<i>Chapter 15</i>	THE CENTRAL BUSINESS AREA	
97	Use of floor space	198
98	Distribution of floor space for warehousing and storage	199
99	Central city area work force	201
100	Distribution of central city workers by type of occupation	202
101	Distribution of central area work places in relation to the residential location of wage earners	202
102	Means of travel of central city workers	203
103	Distribution of central city workers in relation to means of travel	204
104	Relation between city workers commencing or leaving work and persons travelling at peak periods	204
105	Means of travel of central city shoppers (week days)	205
106	Traffic generation in central business area	206
107	Estimated future floor space requirements in central area	206

Acknowledgments

Acknowledgment is made to the undermentioned public bodies, companies and individuals for the use of photographs in this report.

Commonwealth Department of the Interior, News and Information Bureau; Postmaster-General's Department; State Departments of Agriculture, Education, Health and Public Works; State Electricity Commission of Victoria; Gas and Fuel Corporation of Victoria; Public Library of Victoria; Playgrounds Association of Victoria; Melbourne City Council; General Motors-Holden's Ltd.; International Harvester Coy. Australia Pty. Ltd.; Colonial Sugar Refining Coy. Ltd.; Pelaco Ltd.; Yarra Falls Ltd.; Herald and Weekly Times Ltd.; David Syme & Co. Ltd.; Lloyd Morgan and Eugene V. Meroni, New York, U.S.A.; Welton Beckett and Associates, Los Angeles, U.S.A.

Photographs taken especially for this report are by H. Dacre Stubbs, C. D. Pratt (Airsy) and R. C. Seeger.