

CHAPTER 30

MISCELLANEOUS

This chapter comprises statistics and other descriptive information not directly related to the subjects of the preceding chapters, or which it is convenient to assemble in single sections, arranged as follows: Valuation of Australian production; Indexes of farm production; Consumption of foodstuffs and beverages; Retail trade; Interstate trade; Statistical organisation in Australia; Statistical and other official publications of Australia.

VALUATION OF AUSTRALIAN PRODUCTION

The value of production for Australia is computed in accordance with the decisions reached at the Conferences of Australian Statisticians and principally at the Conference held in 1935. The figures published in the following tables have been compiled by the Statisticians in the various States from the latest and best data available and are on a substantially uniform basis. However, marketing costs are not on a completely comparable basis between States and, in addition, accurate information is difficult to obtain for many items. In consequence, differences between States in the relationships of local to gross value should be treated with some reserve.

Attention is directed to the fact that the values shown in the tables herein refer only to the production of primary industries and factories, and exclude the building and construction industry, those industrial establishments not classified as factories, and certain agricultural and farmyard produce obtained from areas of less than one acre. As explained in the chapter *Manufacturing Industry*, page 709, factory statistics for 1968–69 were not available in time for inclusion in this issue. On this occasion, therefore, factory production is shown only in the last table in this section, which contains information for previous years.

Explanation of terms used

The following is a brief explanation of the terms used.

- (a) *Gross value of production* is the value placed on recorded production at the wholesale price realised at the principal markets. In general, the 'principal markets' are the metropolitan markets in each State. In cases where primary products are consumed at the place of production or where they become raw material for a secondary industry, these points of consumption are presumed to be the principal markets.
- (b) *Local value* (i.e. gross production valued at the place of production) is ascertained by deducting marketing costs from the gross value. Marketing costs include freight, cost of containers, commission, and other charges incidental thereto.
- (c) *Net value of production* represents local value less value of materials used in the process of production. Materials used in the process of production include seed, power, power kerosene, petrol and other oils, fodder consumed by farm stock, manures, dips, sprays, and other costs. No deductions have been made for depreciation or certain maintenance costs, as particulars are not available for all States. The net value of production is the only satisfactory measure to use when comparing or combining the value of primary industries with those of other industries.

For the years shown in the following tables, no allowance for power, power kerosene, petrol, and other oils has been made in New South Wales. In the case of the mining and quarrying industry, however, this allowance has been made in all States. Marketing costs for mining and quarrying and costs of materials used in the process of production in respect of bee-farming, trapping, forestry, and fisheries are not available for all States. Local values have been used for these industries, with consequent understatement in gross value for the mining and quarrying industry and overstatement in net value for the other industries. Because of revisions, some figures differ from corresponding figures in earlier chapters of this Year Book.

Value of production, Australia

GROSS, LOCAL AND NET VALUE OF PRODUCTION OF PRIMARY INDUSTRIES: AUSTRALIA, 1968-69
(\$'000)

<i>Industry</i>	<i>Gross production valued at principal markets</i>	<i>Local value—gross production valued at place of production</i>	<i>Net value of production (without deduction of depreciation or maintenance)</i>
Agriculture	1,723,245	1,425,668	1,212,684
Pastoral	1,536,817	1,413,050	1,191,279
Dairying	513,742	483,998	376,843
Poultry	179,160	160,753	71,209
Bee-farming	3,021	2,589	(a)2,589
<i>Total, rural</i>	<i>3,955,982</i>	<i>3,486,055</i>	<i>2,854,604</i>
Trapping	12,083	10,564	(a)10,564
Forestry	121,177	111,805	(a)111,805
Fisheries	62,856	58,415	(a)58,415
Mining and quarrying(b)	(a)858,572	858,572	701,627
<i>Total, non-rural</i>	<i>1,054,689</i>	<i>1,039,352</i>	<i>882,408</i>
Total, all primary	5,010,672	4,525,407	3,737,009

(a) Local value. (b) Year ended 31 December 1968.

Net value of production

NET(a) VALUE OF PRODUCTION OF PRIMARY INDUSTRIES: STATES AND TERRITORIES, 1968-69
(\$'000)

<i>Industry</i>	<i>N.S.W.</i>	<i>Vic.</i>	<i>Qld</i>	<i>S.A.</i>	<i>W.A.</i>	<i>Tas.</i>	<i>N.T.</i>	<i>A.C.T.</i>	<i>Aust.</i>
Agriculture	377,527	247,194	260,839	161,605	136,355	27,920	857	387	1,212,684
Pastoral	349,380	262,707	268,711	106,329	168,728	18,684	15,157	1,583	1,191,279
Dairying	115,087	166,117	40,175	23,253	12,909	18,871	109	322	376,843
Poultry	28,575	25,675	7,191	1,965	4,111	3,378	165	149	71,209
Bee-farming(b)	897	396	168	529	503	87	..	9	2,589
<i>Total, rural</i>	<i>871,465</i>	<i>702,089</i>	<i>577,083</i>	<i>293,682</i>	<i>322,606</i>	<i>68,940</i>	<i>16,289</i>	<i>2,450</i>	<i>2,854,604</i>
Trapping(b)	3,661	3,400	1,402	899	813	342	47	..	10,564
Forestry(b)	33,649	29,577	13,472	8,489	12,591	13,418	238	371	111,805
Fisheries(b)	9,807	5,265	7,679	6,773	23,600	4,100	1,191	..	58,415
Mining and quarrying(c)	239,496	47,875	155,201	36,285	168,593	32,628	20,635	914	701,627
<i>Total, non-rural</i>	<i>286,613</i>	<i>86,117</i>	<i>177,753</i>	<i>52,444</i>	<i>205,597</i>	<i>50,487</i>	<i>22,112</i>	<i>1,285</i>	<i>882,408</i>
Total, all primary	1,158,076	788,206	754,836	346,125	528,203	119,427	38,401	3,735	3,737,009

(a) See text on page 1013. (b) Local value. (c) Year ended 31 December 1968.

NET(a) VALUE OF PRODUCTION OF PRIMARY INDUSTRIES PER HEAD OF POPULATION STATES, 1968-69

(\$)

Industry	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.(b)
Agriculture	85.22	73.66	148.93	142.30	146.79	72.39	99.63
Pastoral	78.86	78.28	153.42	93.63	181.63	48.44	97.87
Dairying	25.98	49.50	22.94	20.48	13.90	48.93	30.96
Poultry	6.45	7.65	4.11	1.73	4.43	8.76	5.85
Bee-farming(c)	0.20	0.12	0.10	0.47	0.54	0.23	0.21
<i>Total, rural</i>	<i>196.71</i>	<i>209.22</i>	<i>329.48</i>	<i>258.61</i>	<i>347.28</i>	<i>178.75</i>	<i>234.53</i>
Trapping(c)	0.83	1.01	0.80	0.79	0.88	0.89	0.87
Forestry(c)	7.59	8.81	7.69	7.48	13.55	34.79	9.18
Fisheries(c)	2.21	1.57	4.38	5.96	25.41	10.63	4.80
Mining and quarrying(d)	54.06	14.27	88.61	31.95	181.49	84.60	57.64
<i>Total, non-rural</i>	<i>64.69</i>	<i>25.66</i>	<i>101.49</i>	<i>46.18</i>	<i>221.32</i>	<i>130.90</i>	<i>72.50</i>
Total, all primary	261.40	234.88	430.97	304.79	568.61	309.65	307.02

(a) See text on page 1013. (b) Includes Northern Territory and Australian Capital Territory. (c) Local value.
(d) Year ended 31 December 1968.

NET(a) VALUE OF PRODUCTION OF PRIMARY INDUSTRIES AND FACTORIES: AUSTRALIA, 1964-65 TO 1968-69

(\$'000)

Industry	1964-65	1965-66	1966-67	1967-68	1968-69
Agriculture	975,164	857,913	1,209,003	899,425	1,212,684
Pastoral	1,194,438	1,159,500	1,181,848	1,044,436	1,191,279
Dairying	360,737	349,853	371,939	371,306	376,843
Poultry	50,916	62,636	69,908	64,151	71,209
Bee-farming(b)	4,118	3,515	3,278	3,806	2,589
<i>Total, rural</i>	<i>2,585,373</i>	<i>2,433,414</i>	<i>2,835,976</i>	<i>2,383,122</i>	<i>2,854,604</i>
Trapping(b)	13,060	13,824	11,948	10,547	10,564
Forestry(b)	107,421	111,039	108,946	109,993	111,805
Fisheries(b)	38,685	41,725	44,574	54,003	58,415
Mining and quarrying(c)	400,119	443,853	514,534	568,065	701,627
<i>Total, non-rural</i>	<i>559,283</i>	<i>610,443</i>	<i>680,004</i>	<i>742,609</i>	<i>882,408</i>
Total, all primary	3,144,656	3,043,859	3,515,979	3,125,773	3,737,009
Factories	5,896,754	6,251,861	6,877,001	7,430,853	(d)
Grand total	9,041,410	9,295,720	10,392,980	10,556,586	(d)

(a) See text on page 1013. (b) Local value. (c) Year ended 31 December of first year shown. (d) Statistics for factories for 1968-69 not yet available. For explanation see page 709.

INDEXES OF FARM PRODUCTION

In the first two tables in this section indexes of price and quantum (i.e. value at constant prices) of production are given for the following industrial groups: Agriculture, Pastoral, Dairying, poultry and bee-farming, and All farming combined (including separate indexes for wheat, wool and milk). In the third table indexes of quantum (i.e. value at constant prices) of production, exports and consumption of farm products for food use are shown.

Farm production price indexes

The farm production price indexes shown in the following table relate to average 'prices' of agricultural, pastoral, dairying, poultry and bee-farming products realised at the principal markets of Australia. The 'price' data used are average unit values for the total quantities of the relevant commodities produced or marketed in each year, and the index numbers therefore measure both the effects of changes in prices (as such) and of variations in the quality, type, usage, etc. of products marketed. The index numbers for any year relate to the average values of products produced or marketed in that year irrespective of the periods in which payment is received by producers.

The indexes have been calculated by the fixed-base weighted aggregative method. 'Prices' for each commodity in any year are obtained by dividing gross value of production by the quantity produced in that year. In the original published series of Production Price Index Numbers the average quantities of the relevant commodities *produced* in the period 1923-24 to 1927-28 were used as fixed weights. This series, re-computed to the base average 1936-37 to 1938-39 = 100, was published in earlier issues of the Year Book (*see* No. 43, page 1050). For 1936-37 and later years the original series was replaced in December 1952 by a revised series in which average quantities of each product *marketed* during the period 1946-47 to 1950-51 were used as fixed weights. In the revised series the regimen was extended and modified to include farm products (as defined by Australian Statisticians) in all cases. Certain other refinements were also incorporated in the revised indexes, the principal of which was the omission from the weights used for the All farming index of quantities of crops marketed for livestock feeding in Australia.

**FARM PRODUCTION: INDEXES OF PRICES AT PRINCIPAL MARKETS, AUSTRALIA
1954-55 TO 1968-69**

(Base: Average of 3 years ended June 1939 = 100)

Year	Agriculture		Pastoral		Dairying, poultry and bee-farming		All farming	
	Wheat	Total	Wool (shorn and dead)	Total	All milk	Total	Products other than wool	Total
1954-55	319	316	540	489	370	371	355	401
1955-56	319	330	468	451	380	392	373	397
1956-57	347	336	607	536	365	386	374	432
1957-58	339	336	473	435	375	382	359	388
1958-59	337	322	370	396	372	386	369	369
1959-60	350	329	440	464	383	402	391	403
1960-61	355	349	397	443	384	402	403	401
1961-62	380	348	412	421	373	373	376	385
1962-63	366	334	449	450	380	388	378	396
1963-64	356	351	531	511	382	402	398	431
1964-65	351	351	437	460	403	423	408	415
1965-66	372	354	458	501	395	422	423	431
1966-67	366	350	433	496	388	418	425	427
1967-68	397	371	382	457	380	413	429	417
1968-69	337	334	408	488	391	424	424	420

Indexes of quantum (i.e. value at constant prices) of farm production

The indexes shown in the following table relate to gross output of farm products valued at constant prices. They have been calculated by revaluing quantities of each farm product included in the indexes at the average unit gross value of each product for the base years.

In the original published series the period 1923-24 to 1927-28 was adopted as the base for revaluing each farm product. This series, re-computed to the base: average 1936-37 to 1938-39 = 100, was published in earlier issues of the Year Book (*see* No. 43 page 1051). For 1936-37 and later years the original series was replaced in December 1952 by a revised series in which average unit values for the period 1936-37 to 1938-39 were used. The regimen used for the revised series was extended and modified to include farm products (as defined by Australian Statisticians) in all cases. Certain other refinements were incorporated in the revised indexes, the principal of which was the omission, in calculating the All farming index, of quantities of crops fed to livestock in Australia.

**INDEXES OF QUANTUM^(a) OF FARM PRODUCTION: AUSTRALIA
1954-55 TO 1968-69**
(Base: Average of 3 years ended June 1939 = 100)

Year	Agriculture		Pastoral		Dairying, poultry and bee-farming		All farming	
	Wheat	Total	Wool (shorn and dead)	Total	All milk	Total	Products other than wool	Total
1954-55	102	120	132	127	116	117	120	123
1955-56	119	134	146	136	123	120	127	131
1956-57	82	120	164	148	119	117	121	131
1957-58	59	109	148	142	111	114	116	124
1958-59	131	165	164	159	120	119	145	149
1959-60	121	140	172	163	123	123	136	144
1960-61	166	177	165	152	116	120	148	152
1961-62	150	163	174	160	125	128	150	155
1962-63	186	191	170	163	129	129	165	166
1963-64	199	196	183	172	131	131	171	174
1964-65	224	218	183	172	132	136	180	181
1965-66	158	184	169	163	133	138	165	166
1966-67	283	265	180	167	140	145	205	199
1967-68	168	189	180	174	132	141	173	175
1968-69	330	292	199	186	133	143	219	215

^(a) Indexes of value at constant prices, i.e. quantities revalued at average unit values of the base years (see text preceding table).

Farm products for food use: indexes of quantum (i.e. value at constant prices) of production, exports and consumption

The indexes shown in the following table have been calculated by revaluing quantities of each farm product included in the indexes at the average unit gross value of each product for the years 1936-37 to 1938-39. The items included comprise products in the form in which they are sold from farms in all cases except livestock sold for slaughter for meat, which are included in terms of dressed carcass weight of meat. Quantity data relating to exports include exports of processed food in terms of farm product equivalent. The indexes of production relate basically to gross output of farm products for food use, including crops exported for stock-feeding overseas.

**FARM PRODUCTS FOR FOOD USE: INDEXES OF QUANTUM^(a) OF
PRODUCTION, EXPORTS AND CONSUMPTION
AUSTRALIA, 1954-55 TO 1967-68**
(Base: average of 3 years ended June 1939 = 100)

Year	Production		Exports		Consumption in Australia	
	Total	Per head of total population	Total	Per head of total population	Total	Per head of total population
1954-55	121	91	117	89	127	96
1955-56	129	95	131	97	131	97
1956-57	123	88	118	85	136	98
1957-58	115	81	90	64	139	98
1958-59	146	101	137	94	142	98
1959-60	138	93	132	89	145	98
1960-61	148	98	170	112	143	95
1961-62	154	99	161	104	150	97
1962-63	168	107	187	119	154	98
1963-64	175	109	207	129	159	99
1964-65	185	112	219	134	163	99
1965-66	167	100	181	108	162	97
1966-67	197	115	243	143	167	98
1967-68	178	102	194	112	171	98

^(a) Indexes of value at constant prices, i.e. quantities revalued at average unit values for the base years (see text preceding table).

CONSUMPTION OF FOODSTUFFS AND BEVERAGES

Quantities consumed

The estimates of total consumption and consumption per head of population in Australia in the two tables which follow have been compiled by deducting net exports from the sum of production and imports and allowing for recorded movements in stocks of the respective commodities. While the estimates may be generally accepted as being reasonably accurate, there are some deficiencies to which attention should be directed. These relate chiefly to the quantities of fish, rabbits and hares and the quantities of certain oils and fats entering consumption. In addition, little information is available on the quantities of vegetables, fruit, eggs, etc. which householders produce for their own requirements and the extent of wastage occurring in the marketing of foodstuffs. In all these cases careful estimates have been compiled from the best available data, and the quantities shown as entering consumption in Australia have been adjusted to allow for these circumstances. The absence of particulars for stocks of certain commodities has resulted in some inaccuracies in the estimates of annual consumption. Consumption of foodstuffs is measured in general at 'producer' level. As a result, no allowance is made for wastage before the foodstuffs are consumed. In recent years wastage of foodstuffs has possibly been less than previously because of more efficient distribution and storage methods. Furthermore, it is likely that the quantities of foodstuffs shown in the following pages as available for consumption have been supplemented by production by householders for their own requirements. In most cases broad estimates of non-commercial (householders') production have been made. Except in a few special cases, no adjustment has been made for changes in stocks held by wholesalers and retailers. Where no allowance is made it is considered unlikely that these stocks would make any appreciable difference to consumption estimates. It is felt that the foregoing deficiencies do not seriously impair the accuracy of the estimates compiled.

The estimates of consumption per head of population shown in the second of the following tables have been derived by dividing the total apparent consumption of each commodity or commodity group in a given year by the mean population of Australia in the same period.

More detailed information on the consumption of foodstuffs and beverages is contained in the statistical bulletin: *Report on Food Production and the Apparent Consumption of Foodstuffs and Nutrients*, issued by this Bureau.

The following tables show the average annual consumption during the three-year periods ended 1938-39, 1948-49 and 1958-59, together with the data for each of the years 1966-67, 1967-68 and 1968-69. Because of revisions, figures for some items in the following tables differ from corresponding figures in earlier chapters of this Year Book.

ESTIMATED QUANTITY OF FOODSTUFFS AND BEVERAGES AVAILABLE FOR CONSUMPTION ANNUALLY: AUSTRALIA, 1936-37 TO 1968-69

Commodity	Average three years ended—					
	1938-39	1948-49	1958-59	1966-67	1967-68	1968-69 ^p
Milk and milk products—						
Fluid whole milk mil. gal	161	233	276	330	338	340
Fresh cream '000 tons	19.7	5.1	8.7	10.5	10.6	10.9
Condensed, concentrated and evaporated milk—						
Full cream—						
Sweetened " }	13.2	11.9	11.3	11.4	14.8	11.6
Unsweetened " }		13.6	27.6	(a)40.7	(a)38.9	(a)40.7
Skim " }	n.a.	n.a.	5.6	11.1	8.5	6.2
Powdered milk—						
Full cream " }	8.1	11.0	11.0	8.9	10.7	9.8
Skim " }		1.9	10.7	(b)44.6	(b)48.0	(b)55.0
Infants' and invalids' foods " }	3.0	4.3	9.4	19.6	13.1	14.8
Cheese " }	13.4	18.8	25.0	40.7	40.0	42.8
<i>Total milk and milk products (in terms of milk solids)</i> " }	120.5	167.4	212.4	291.0	298.8	306.8
Meat—						
Beef and veal (carcass weight) " }	430.3	372.7	538.4	445.4	477.6	490.3
Mutton " }	184.1	154.0	221.6	215.8	221.8	222.3
Lamb " }	46.0	86.1	127.7	222.1	230.0	268.2
Pigmeat " }	26.2	24.3	43.6	70.2	77.9	87.7
Offal " }	2.7	30.3	49.7	57.7	60.6	61.1
Canned meat (canned weight) " }	6.5	9.0	17.9	27.0	25.5	26.9
Bacon and ham (cured carcass weight) " }	31.5	39.9	30.5	42.1	41.1	42.4
<i>Total meat (in terms of carcass equivalent weight)</i> " }	769.9	736.9	1,054.1	1,099.3	1,157.7	1,221.4

For footnotes see next page.

ESTIMATED QUANTITY OF FOODSTUFFS AND BEVERAGES AVAILABLE FOR CONSUMPTION ANNUALLY: AUSTRALIA, 1936-37 TO 1968-69—continued

Commodity	Average three years ended—						
	1938-39	1948-49	1958-59	1966-67	1967-68	1968-69 ^p	
Poultry, fish, rabbits and hares—							
Poultry, rabbits and hares (dressed weight)	'000 tons	n.a.	n.a.	n.a.	96.0	109.5	118.5
Fish (edible weight)—							
Fresh—							
Australian origin	"			13.8	16.3	16.2	17.9
Imported	"	19.7	19.4	9.0	17.4	18.5	20.5
Cured (including smoked and salted)	"			3.8	3.4	4.1	4.7
Crustaceans and molluscs	"	2.1	2.1	3.8	9.3	11.2	9.1
Canned—Australian origin	"			3.3	4.5	3.7	4.8
Imported	"	12.4	10.5	7.4	12.5	11.9	11.5
Total poultry, fish, rabbits and hares (edible weight)	"	n.a.	n.a.	n.a.	118.8	128.8	137.0
Eggs and egg products (in terms of eggs in shell)—							
Eggs in shell	"	78.7	86.5	92.1	(c)134.6	(c)137.1	(c)139.9
Egg pulp	"	2.9	8.6	5.7	(c)8.1	(c)10.7	(c)11.7
Egg powder	"	..	..	0.2	(c)0.9	(c)0.8	(c)0.6
Total eggs and egg products	{ mil. doz	81.6	95.1	98.0	(c)143.6	(c)148.6	(c)152.2
	"	139.3	162.3	167.3	214.5	221.9	227.3
Fats and oils—							
Butter	'000 tons	101.4	84.7	118.4	114.1	115.2	114.8
Margarine—							
Table	"	2.8	3.0	n.a.	21.6	15.4	16.2
Other	"	12.2	18.7	21.2	33.9	39.6	44.5
Vegetable oils and other fats	"	19.6	18.0	19.6	23.5	24.0	24.5
Total fats and oils (fat content)	"	115.5	105.5	n.a.	165.3	166.2	171.3
Sugar and syrups—							
Refined sugar—							
As sugar	'000 tons	216.5	234.6	259.0	241.8	254.7	245.1
In manufactured products	"	110.1	174.2	226.1	321.4	313.6	339.7
Honey, glucose and syrups (sugar content)	"	17.3	19.1	22.8	36.9	40.1	
Total sugar and syrups (sugar content)	"	343.9	427.9	507.9	600.1	608.4	
Pulse and nuts—							
Dried pulse	"	4.5	7.4	11.1	19.5	13.1	
Peanuts (weight without shell)	"	2.8	8.7	7.2	13.8	15.5	
Edible tree nuts (weight without shell)	"	2.6	4.4	6.7	10.6	10.8	11.6
Cocoa (raw beans)	"	6.3	11.6	12.1	17.8	19.0	
Total pulse and nuts	"	16.2	32.1	37.1	61.6	58.4	
Fruit—							
Citrus fruit(d)	"	97.8	127.2	153.8	254.8	247.1	290.5
Other fresh fruit	"	288.2	297.5	341.4	417.2	466.9	535.0
Jams	"	35.1	42.5	37.5	38.2	39.3	39.6
Dried fruit	"	24.8	30.0	26.4	29.4	27.1	28.8
Canned fruit	"	31.9	37.3	59.4	107.0	127.2	116.2
Total fruit (fresh fruit equivalent)	"	532.3	607.9	691.4	948.4	994.7	1,107.6
Vegetables(d)—							
Leafy and green vegetables	"	n.a.	154.0	172.1	252.7	242.1	251.1
Tomatoes	"	(e)48.0	86.3	124.4	167.6	163.0	168.1
Root and bulb vegetables	"	n.a.	143.7	152.8	204.1	182.9	215.2
Potatoes—							
White	"	318.5	424.3	495.4	574.7	587.7	721.2
Sweet	"	7.4	5.3	6.1	7.3	7.5	7.6
Other vegetables	"	n.a.	162.8	178.4	206.1	207.3	204.4
Total vegetables	"	n.a.	976.4	1,129.2	1,412.0	1,390.5	1,567.6
Grain products—							
Flour (including wheatmeal for baking and sharps)	"	574.0	689.7	789.1	900.9	900.1	922.3
Breakfast foods	"	32.5	45.8	58.8	74.1	80.3	84.4
Rice (milled)	"	12.2	3.0	n.a.	27.5	28.2	29.1
Tapioca, sago, etc.	"	3.7	2.3	1.4	1.0	0.9	0.9
Pearl barley	"	3.0	1.7	2.0	1.7	1.9	1.7
Total grain products	"	(f)629.7	(f)747.4	n.a.	1,005.2	1,011.3	1,038.3
Beverages—							
Tea	"	21.1	22.1	26.1	27.4	27.1	27.7
Coffee(g)	"	2.0	3.4	5.9	13.3	13.9	14.3
Beer	mil. gal	80.1	129.5	221.0	291.1	306.2	321.8
Wine	"	4.2	9.8	11.1	17.5	19.8	22.0
Spirits	mil. pf gal	1.5	2.4	2.8	3.7	4.3	4.3

(a) Includes ice cream mixes. (b) Includes buttermilk and mixed skim and buttermilk. (c) Not comparable with data prior to 1960-61, in which year the average weight of an egg was altered in calculations from 1.75 oz to 2 oz. (d) Includes fresh equivalent of manufactured products. (e) Probably understated owing to lack of complete data. (f) Includes an allowance for edible starch (cornflour). (g) Coffee and coffee products in terms of processed whole or ground pure coffee.

**ESTIMATED QUANTITY OF FOODSTUFFS AND BEVERAGES AVAILABLE FOR
CONSUMPTION ANNUALLY PER HEAD OF POPULATION: AUSTRALIA, 1936-37 TO 1968-69**

Commodity	Average three years ended—					
	1938-39	1948-49	1958-59	1966-67	1967-68	1968-69p
Milk and milk products—						
Fluid whole milk gallons	23.4	30.5	28.3	28.2	28.3	27.9
Fresh cream lb	6.1	1.5	2.0	2.0	2.0	2.0
Condensed, concentrated and evaporated milk—						
Full cream—						
Sweetened "	4.3	3.5	2.6	2.2	2.8	2.1
Unsweetened "		4.0	6.4	(a)7.8	(a)7.3	(a)7.5
Skim "		n.a.	n.a.	1.3	2.1	1.6
Powdered milk—						
Full cream "	2.6	3.2	2.5	1.7	2.0	1.8
Skim "	..	0.6	2.5	(b)8.5	(b)9.0	(b)10.1
Infants' and invalids' foods "	1.0	1.3	2.2	3.7	2.5	2.7
Cheese "	4.4	5.5	5.7	7.8	7.5	7.9
<i>Total milk and milk products (in terms of milk solids)</i> "	39.3	49.1	48.7	55.7	56.1	56.5
Meat—						
Beef and veal (carcass weight) "	140.3	109.1	123.8	85.2	89.7	90.2
Mutton "	60.0	45.1	51.0	41.3	41.7	40.9
Lamb "	15.0	25.2	29.3	42.5	43.2	49.4
Pigmeat "	8.5	7.1	10.1	13.4	14.6	16.2
Offal "	8.4	8.9	11.4	11.0	11.4	11.2
Canned meat (canned weight) "	2.1	2.6	4.1	5.2	4.8	4.9
Bacon and ham (cured carcass weight) "	10.2	11.7	7.1	8.1	7.7	7.8
<i>Total meat (in terms of carcass equivalent weight)</i> "	250.9	215.7	242.4	210.3	217.4	224.8
Poultry, fish, rabbits and hares—						
Poultry, rabbits and hares (dressed weight) "	n.a.	n.a.	n.a.	18.4	20.6	21.8
Fish (edible weight)—						
Fresh—						
Australian origin "	6.4	5.7	3.2	3.1	3.0	3.3
Imported "			2.1	3.3	3.5	3.8
Cured (including smoked and salted) "			0.9	0.6	0.8	0.9
Crustaceans and molluscs "	0.7	0.6	0.9	1.8	2.1	1.7
Canned—						
Australian origin "	4.1	3.0	0.8	0.9	0.7	0.9
Imported "			1.7	2.4	2.2	2.1
<i>Total poultry, fish, rabbits and hares (edible weight)</i> "	n.a.	n.a.	n.a.	22.7	24.2	25.3
Eggs and egg products (in terms of eggs in shell)—						
Eggs in shell "	25.7	25.4	21.2	(c)25.7	(c)25.7	(c)25.7
Egg pulp "	0.9	2.5	1.3	(c)1.6	(c)2.0	(c)2.2
Egg powder . . . . . "	..	..	..	(c)0.2	(c)0.1	(c)0.1
<i>Total eggs and egg products</i> { No.	26.6	27.9	22.5	(c)27.5	(c)27.9	(c)28.0
	243	255	206	220	223	224
Fats and oils—						
Butter lb	32.9	24.8	27.2	21.8	21.6	21.1
Margarine—						
Table "	0.9	0.9	n.a.	4.1	2.9	3.0
Other "	4.0	5.2	4.9	6.5	7.4	8.2
Vegetable oils and other fats "	6.4	5.3	4.5	4.5	4.5	4.5
<i>Total fats and oils (fat content)</i> "	37.6	30.9	n.a.	31.6	31.2	31.5
Sugar and syrups—						
Refined sugar—						
As sugar "	70.6	68.7	59.6	46.3	47.8	45.1
In manufactured products "	35.9	51.0	52.0	61.5	58.9	62.5
Honey, glucose and syrups (sugar content) "	5.5	5.6	5.2	7.1	7.5	..
<i>Total sugar and syrups (sugar content)</i> "	112.0	125.3	116.8	114.8	114.3	..
Pulse and nuts—						
Dried pulse lb	1.5	2.1	2.6	3.7	2.5	..
Peanuts (weight without shell) "	0.9	2.5	1.7	2.6	2.9	..
Edible tree nuts (weight without shell) "	0.8	1.3	1.5	2.0	2.0	2.1
Cocoa (raw beans) "	2.1	3.4	2.8	3.4	3.6	..
<i>Total pulse and nuts</i> "	5.3	9.3	8.6	11.8	11.0	..
Fruit—						
Citrus fruit(d) lb	31.9	37.2	35.4	48.7	46.4	53.5
Other fresh fruit "	94.0	87.1	78.4	79.8	87.7	98.5
Jams "	11.4	12.4	8.6	7.3	7.4	7.3
Dried fruit "	8.1	8.7	6.0	5.6	5.1	5.3
Canned fruit "	10.4	11.0	13.6	20.5	23.9	21.4
<i>Total fruit (fresh fruit equivalent)</i> "	173.6	178.0	157.6	181.4	186.8	203.8

For footnotes see next page.

ESTIMATED QUANTITY OF FOODSTUFFS AND BEVERAGES AVAILABLE FOR CONSUMPTION ANNUALLY PER HEAD OF POPULATION: AUSTRALIA 1936-37 TO 1968-69—continued

Commodity	Average three years ended—					
	1938-39	1948-49	1958-59	1966-67	1967-68	1968-69p
Vegetables(d)—						
Leafy and green vegetables lb	n.a.	45.1	39.5	48.3	45.5	46.2
Tomatoes "	(e)15.7	25.3	28.6	32.1	30.6	30.9
Root and bulb vegetables "	n.a.	42.1	35.1	39.0	34.3	39.6
Potatoes—						
White "	103.8	124.2	113.9	109.9	110.4	132.7
Sweet "	2.4	1.5	1.4	1.4	1.4	1.4
Other vegetables "	n.a.	47.7	41.0	39.4	38.9	37.6
<i>Total vegetables</i> "	<i>n.a.</i>	<i>285.9</i>	<i>259.5</i>	<i>270.1</i>	<i>261.1</i>	<i>288.5</i>
Grain products—						
Flour (including wheatmeal for baking and sharps) "	187.1	201.9	181.5	172.4	169.0	169.7
Breakfast foods "	10.6	13.4	13.5	14.2	15.1	15.5
Rice (milled) "	4.0	0.9	n.a.	5.3	5.3	5.4
Tapioca, sago, etc. "	1.2	0.7	0.3	0.2	0.2	0.2
Pearl barley "	1.0	0.5	0.4	0.3	0.4	0.3
<i>Total grain products</i> "	<i>(f)205.3</i>	<i>(f)218.8</i>	<i>n.a.</i>	<i>192.3</i>	<i>189.9</i>	<i>191.1</i>
Beverages—						
Tea "	6.9	6.5	6.0	5.2	5.1	5.1
Coffee(g) "	0.6	1.0	1.3	2.5	2.6	2.6
Beer gallons	11.7	16.9	22.7	24.9	25.7	26.4
Wine "	0.6	1.3	1.1	1.5	1.7	1.8
Spirits pf gal	0.2	0.3	0.3	0.3	0.4	0.4

(a) Includes ice cream mixes. (b) Includes buttermilk and mixed skim and buttermilk. (c) Not comparable with data prior to 1960-61, in which year the average weight of an egg was altered in calculations from 1.75 oz to 2 oz. (d) Includes fresh equivalent of manufactured products. (e) Probably understated owing to lack of complete data. (f) Includes an allowance for edible starch (cornflour). (g) Coffee and coffee products in terms of processed whole or ground pure coffee.

Level of nutrient intake

The next table shows details of the estimated supplies of nutrients available for consumption in Australia during the years 1967-68 to 1968-69 in comparison with the annual averages for the three-year periods ended 1938-39, 1948-49 and 1958-59. The table has been compiled by the Nutrition Section of the Commonwealth Department of Health and is based on the estimates of the quantity of foodstuffs available for consumption per head of population shown in the preceding table.

ESTIMATED SUPPLY OF NUTRIENTS AVAILABLE FOR CONSUMPTION AUSTRALIA, 1936-37 TO 1968-69 (Per head per day)

Nutrient	Average three years ended—			1967-68		1968-69p
	1938-39	1948-49	1958-59	(a)	(b)	(b)
Kilocalories	3,117	3,245	3,297	3,261	3,254	3,364
Protein—						
Animal g	58.7	57.4	59.6	62.9	64.2	61.5
Vegetable "	30.9	35.3	32.3	31.5	34.3	40.3
Total "	89.6	92.7	91.9	94.4	98.5	101.8
Fat "	133.5	121.7	131.7	128.6	122.8	125.4
Carbohydrate "	377.4	424.8	416.7	435.1	405.2	419.2
Calcium mg	642	785	817	979	963	985
Iron "	15.4	15.1	14.0	14.1	14.6	15.1
Vitamin A I.U.	4,905	4,630	4,568	4,309	(c)1,443	(c)1,557
Ascorbic acid mg	86	96	89	96	88	98
Thiamine "	1.4	1.5	1.3	1.3	1.6	1.7
Riboflavin "	1.7	1.9	1.8	2.3	2.8	2.8
Niacin "	18.7	17.6	18.6	19.2	19.9	20.9

(a) Comparable with previous years. (b) Not comparable with previous years. Figures are based on conversion factors calculated from the revised and enlarged edition of 'Tables of Composition of Australian Foods'. (c) Microgrammes.

NOTE.—One international unit of vitamin A activity is equivalent to 0.3 microgrammes of retinol.

RETAIL TRADE

The statistics in this section relate to retail establishments throughout Australia and the value of retail sales of goods by these establishments.

Information of this nature was first collected in respect of the year ended 30 June 1948 by a full census of all retail establishments. As this was the first census of its type in Australia, its scope and the data sought were the minima consistent with the objective of securing a record of the number of such establishments, their type, their geographical distribution, their aggregate sales of goods, and a simple commodity dissection, together with a record of the value of certain services provided. This census was followed by a second census of all retail establishments trading during the year ended 30 June 1949.

Further censuses were taken in respect of the years ended 30 June 1953, 1957 and 1962. In these censuses retailers were asked to furnish more detailed information concerning the dissection of their turnover into commodity groups, and questions were asked about stocks of goods on hand, the number of persons engaged in retail activities, and credit sales. In addition, the 1956-57 and 1961-62 censuses included questions relating to purchases, customers' indebtedness and type of organisation.

A census was taken for the year ended 30 June 1969 as part of the Integrated Economic Censuses programme (*see* Chapter 31), but it is anticipated that preliminary results will not become available until early 1971. Major changes were made to concepts and classifications in the Census of 1968-69 to allow standardisation within the Integrated Economic Census framework.

The most recent census for which results are available was taken in respect of the year ended 30 June 1962. In general terms the 1961-62 census covered the retail trading activities of establishments which normally sell goods by retail to the general public from fixed premises (i.e. shops, rooms, kiosks, and yards). Retail activities of wholesalers and manufacturers were included if they sold regularly by retail to the general public. Sales by itinerant vendors (e.g. hawkers, street sellers, etc.) and sales from casual stalls or booths were excluded. Organisations such as clubs and societies making sales to their own members were excluded from the main census collection, but a supplementary collection was made, covering sales by *licensed* clubs.

In general, establishments with retail sales of goods amounting to less than \$1,000 in the census year were not included in the 1961-62 census. However, some 'service' establishments with retail sales of less than \$1,000 but with takings of \$1,000 or more from repairs, meals or hairdressing were included in the main census collection, and details of these establishments are included in tables in Year Book No. 50, page 1244. The types of establishments in this category are boot repairers, repair-only garages, cafes and restaurants, and hairdressers.

In the 1961-62 census particulars of retail sales related principally to sales, to the final consumer, of new and second-hand goods generally used for household and personal purposes. For this reason, sales of building materials, farm and industrial machinery and equipment, earth-moving equipment, etc., were excluded. For the same reason, and also because of difficulties in obtaining reliable and complete reporting, sales of builders' hardware and supplies, business machines and equipment, grain, feed, fertiliser and agricultural supplies, and tractors were excluded from the 1961-62 census. Retail sales of motor vehicles, parts, etc., were included, whether for industrial, commercial, farm, or private use.

During the period between censuses variations in the value of retail sales have been measured by means of quarterly sample surveys. Annual totals derived from these surveys, adjusted to a basis comparable in scope with the 1961-62 census, and some of the results of the 1961-62 census, are included in this section.

Year Book No. 50, pages 1239-45, contains details of the number of retail establishments, the values of retail sales and of retail stocks, and particulars of hairdressing, boot repairing and motor repairing establishments, restaurants, self-service stores and licensed clubs, for each State and Territory, from the results of the 1961-62 census. Major classifications are by commodity groups and type of business. More complete details are set out in published bulletins of the 1961-62 Census of Retail Establishments (*see* page 1028).

Value of retail sales in each commodity group, Australia

The following table shows the value of retail sales of goods in each of the commodity groups specified in the years 1961-62 and 1966-67 to 1969-70 on a comparable basis throughout. The figures for the year 1961-62 were obtained from the census, whereas figures for the other years shown are estimates based on sample surveys.

VALUE OF RETAIL SALES: COMMODITY GROUPS, AUSTRALIA(a)
1961-62 AND 1966-67 TO 1969-70
(\$ million)

Commodity group	1961-62	1966-67	1967-68	1968-69	1969-70
Groceries	858.3	1,161.5	1,248.2	1,317.7	1,399.9
Butchers' meat	422.3	590.3	615.5	627.7	667.9
Other food(b).	729.9	946.5	999.6	1,029.2	1,097.9
<i>Total, food and groceries</i>	<i>2,010.5</i>	<i>2,698.3</i>	<i>2,863.3</i>	<i>2,974.6</i>	<i>3,165.7</i>
Beer, wine and spirits(c)	545.9	743.8	811.0	863.7	936.8
Clothing and drapery	900.0	1,172.9	1,246.2	1,304.0	1,384.6
Footwear	154.7	197.3	208.9	213.6	229.4
Hardware, china and glassware(d)	146.0	175.6	183.4	200.3	221.6
Electrical goods(e)	348.0	408.8	445.5	462.0	496.6
Furniture and floor coverings	230.1	322.3	355.9	388.7	423.0
Chemists' goods	265.8	387.5	416.8	453.3	499.3
Newspapers, books and stationery	166.4	235.0	251.9	270.0	292.4
Other goods(f)	489.7	701.1	734.7	802.1	867.5
<i>Total (excluding motor vehicles, etc.)</i>	<i>5,257.1</i>	<i>7,042.6</i>	<i>7,517.6</i>	<i>7,932.3</i>	<i>8,516.9</i>
Motor vehicles, parts, petrol, etc.(g)	1,603.2	2,511.1	2,806.8	3,014.9	3,309.8

(a) Northern Territory and Australian Capital Territory have been excluded from this table because figures for these two Territories for 1968-69 and 1969-70 are not yet available. (b) Includes fresh fruit and vegetables, confectionery, soft drinks, ice cream, cakes, pastry, cooked provisions, fish, etc., but excludes some delivered milk and bread. (c) Excludes sales made by licensed clubs. (d) Excludes basic building materials, builders' hardware and supplies such as tools of trade, paint, etc. (e) Includes radios, television and accessories, musical instruments, domestic refrigerators, etc. (f) Includes tobacco, cigarettes, etc., jewellery, sporting goods, etc., but excludes grain and produce and business machines. (g) Includes new and used motor vehicles, parts, petrol, etc., but excludes tractors, farm machinery and implements, earth-moving equipment, etc.

Total value of retail sales, States

TOTAL VALUE OF RETAIL SALES (EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)
STATES, 1961-62 AND 1966-67 TO 1969-70
(\$ million)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1961-62	2,060.4	1,517.1	701.6	451.6	360.3	166.1	15.8	33.4	5,306.5
1966-67	2,676.4	2,039.2	960.6	627.1	524.3	215.0	28.8	65.7	7,137.1
1967-68	2,858.8	2,170.2	1,020.0	663.3	577.9	227.4	34.4	74.6	7,626.6
1968-69	3,001.5	2,276.4	1,060.7	704.1	650.8	238.8	n.a.	n.a.	n.a.
1969-70	3,233.0	2,441.4	1,128.3	755.9	706.0	252.3	n.a.	n.a.	n.a.

TOTAL VALUE OF RETAIL SALES OF MOTOR VEHICLES, PARTS, PETROL, ETC., STATES
1961-62 AND 1966-67 TO 1969-70
(\$ million)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
1961-62	623.1	431.2	218.0	143.1	133.9	53.9	5.8	13.0	1,622.0
1966-67	967.3	676.8	352.9	214.7	219.5	79.9	11.2	23.8	2,546.1
1967-68	1,080.0	752.3	396.8	241.9	249.7	86.1	16.5	29.7	2,853.0
1968-69	1,174.1	778.8	423.5	260.3	291.9	86.3	n.a.	n.a.	n.a.
1969-70	1,304.9	852.1	456.5	283.4	316.1	96.8	n.a.	n.a.	n.a.

INTERSTATE TRADE

Prior to the federation of the Australian Colonies (now States) each Colony published statistics of its trade with the other Colonies. A similar record was continued by the Commonwealth Government under the provisions of the Constitution (section 93). On the expiry of the 'bookkeeping' period these records were discontinued as from 13 September 1910, and the last published statements were for the year 1909. Later, the Governments of Western Australia and Tasmania revived the records, and relevant statistics are available again for those States. A detailed collection for Queensland was re-introduced from July 1953.

At the Conference of Statisticians held in January 1928 it was resolved that efforts should be made in other States to record the interstate movement of certain principal commodities. Complete interstate trade statistics are now published in detail for Queensland, Western Australia and Tasmania by the Deputy Commonwealth Statisticians in those States, and incomplete statistics, relating mainly to trade with Western Australia and Tasmania, by the Deputy Commonwealth Statisticians in the remaining States.

STATISTICAL ORGANISATION IN AUSTRALIA

Early development of Australian statistics

Statistical organisation in Australia has its origin in the 'Blue Books' which, in the Crown Colony days, were prepared annually for the information of the Colonial Office. Although intended primarily for administrative purposes, these documents were important sources of statistical data, and formed the basis from which later statistical publications were developed. Following the advent of responsible government, the 'Blue Book' was succeeded in all States by 'Statistical Registers' which, however, were still largely summaries of the 'by-product' statistics of government administrative departments.

The growing need for quantitative data concerning the progress of the several young communities of Australia led eventually to the appointment of official Statisticians commissioned to prepare and publish such data. Conferences were held between the Statisticians to allow for the interchange of ideas between States and to provide for uniform State statistics which could be aggregated to Australian totals. Altogether, six conferences were held prior to the formation of the Commonwealth Bureau of Census and Statistics in 1906—in 1861, 1875, 1890, 1900, 1902 and 1903. The holding of these conferences has been continued since the formation of the Commonwealth Bureau, and a representative from New Zealand attended up to 1928.

Creation of the Commonwealth Bureau of Census and Statistics

Under the provisions of Section 51 of the Commonwealth Constitution, power is conferred on the Commonwealth Parliament 'to make laws for the peace, order, and good government of the Commonwealth with respect to . . .' (*inter alia*) '(XI.) Census and Statistics'. Accordingly the *Census and Statistics Act* 1905 was passed, and in 1906 the Commonwealth Bureau of Census and Statistics was created. A conference of Statisticians in 1906 defined the relations between the Commonwealth and State Bureaux, and in each case the State Statistician became the representative in his own State of the Commonwealth Statistician for the purpose of administering the Commonwealth Act. In addition, each State had its own 'Statistics Act', and although these were not identical for all States, they embodied common principles. The Commonwealth Bureau did not attempt to duplicate the existing State statistical organisations, but endeavoured to use their services whenever possible, undertaking the initial collection of statistics only in fields not covered by the States, or in which efficiency demanded complete centralisation.

Integration of statistical services

The creation and development of the Commonwealth Bureau of Census and Statistics, the frequent conferences of Commonwealth and State Statisticians, and the close and increasing liaison between officers dealing with the same subjects in the State and Commonwealth fields did much to promote uniformity in official statistics and methods employed in their collection throughout Australia. The complete realisation of this aim could not, however, be achieved with seven separate statistical systems, even with the utmost co-operation of those concerned. This became apparent when economic problems following the 1914-18 War drew attention to deficiencies in Australian statistical data.

The first step towards integration was taken in 1924, when, in response to a proposal by the Prime Minister to the Premiers' Conference that State and Commonwealth Statistical Bureaux be amalgamated, the Tasmanian office was transferred to the Commonwealth. (Other States did not agree to the proposal at that time.) The Tasmanian office has since functioned as a Commonwealth office which also serves State statistical needs.

The varied economic and social problems of the 1920's and 1930's, the 1939-45 War and the post-war boom, and the development during and since the war of a volume of new statistics, imposed a severe strain on the statistical systems and increased the complexities of the several administrations in their efforts to secure and maintain uniformity in statistical collections.

The difficulties of maintaining efficient statistical services were further emphasised during the immediate post-war years when the problems of planning for post-war reconstruction greatly increased the demand for current economic statistics. In 1949, discussions with the Premiers were initiated by the Prime Minister, with the object of integrating the statistical services of the Commonwealth and the States by agreement. Following negotiations, all State Governments accepted the terms of draft agreements to integrate their respective statistical offices with that of the Commonwealth, and effect was given to this by the *Statistics (Arrangements with States) Act 1956*. This legislation, permissive in nature, was designed to enable the Commonwealth to enter into an agreement with any State to effect an amalgamation of Commonwealth and State statistical offices and services. The object of such an agreement was to establish an integrated statistical service, with branches in each State, operated by Commonwealth statistical officers under the immediate direction of a Deputy Commonwealth Statistician who would hold office under both the Commonwealth and State Governments. Both Commonwealth and State were to be adequately served with statistics, and no State would be required to surrender its existing powers in the field of statistics. Integration of the Commonwealth and State statistical services was finally accomplished when the integration arrangement with Victoria came into effect on 15 September 1958.

The relationships which at present obtain between the Bureau and the several State Governments are a reflection of these agreements. Each State has retained its power to collect statistics under State laws, but the Commonwealth provides the staff and the funds, and is responsible for all statistical work required by both Commonwealth and State Governments. Conferences of the Commonwealth and Deputy Commonwealth Statisticians are held annually to discuss current and projected future operations of the Bureau.

Under the system as it now operates, Deputy Commonwealth Statisticians and their staffs provide the principal avenue of contact between State Government agencies and other State users and suppliers of statistical information. For the most part, negotiations with Commonwealth agencies and other national users and suppliers of statistical information are undertaken by the Commonwealth Statistician and his Central Office staff. However, the division of responsibility between the Bureau's Central and State Offices in the matter of relationships with users and suppliers of statistical information is by no means as precise as might be assumed from the above remarks. The statistical services are highly integrated and operate as one unit rather than as seven separate Bureaux. In general, it might be said that moves to develop new statistical series or to modify existing ones for State purposes are normally initiated by Deputy Statisticians, whereas moves to develop new or modified series for national socio-economic policy purposes are usually initiated by the Commonwealth Statistician.

Scope of the Commonwealth Bureau of Census and Statistics

The scope of the Commonwealth Bureau of Census and Statistics has continually been widened. Additional requirements in the administrative, industrial, financial and scientific spheres have led to the development of many new statistical collections. All these activities are covered by the Census and Statistics Act, which empowers the Statistician to collect information and contains stringent provisions to ensure that the secrecy of information provided by individual persons and businesses is preserved.

In the Australian centralised official statistical service, it is recognised that there is a danger that official statisticians may become isolated from the thinking of the users of statistics and insensitive to the problems of the firms or individual persons whose responsibility it is to supply statistical information. The dangers inherent in this situation are for the most part obviated by the six State Offices of the Bureau keeping in very close contact with the individual businesses which use statistics and supply statistical information, and special steps are taken to ensure that users have adequate scope for expression of their needs and that requests by the Bureau for information are kept within reasonable and practical limits. The methods towards this end which have been adopted in the Bureau are reflected in its organisational structure. The organisation is on the basis of specialist subject-matter branches, and to each relatively narrow field of socio-economic activity there is a corresponding branch within the Bureau which is responsible for obtaining statistics and providing statistical services. Thus, in the Central Office, there are specialist branches dealing with primary industries; secondary industries; wholesale and retail trade; employment; finance; population and vital statistics; etc. A broadly similar organisational pattern exists in State Offices of the Bureau, although local requirements have naturally given rise to differences in detail.

Organisation of the Central Office of the Commonwealth Bureau of Census and Statistics

The Central Office of the Bureau is organised functionally into the following branches, listed alphabetically. As shown below, these branches are further sub-divided into specialist subject matter sections.

Demography and Employment Branch. Demographic and Social; Employment and Field Survey Operations; Population Research.

Integration, Classification and Private Finance Branch. Integration; Classification; Private Finance. *National Accounts and Public Finance Branch.* Public Finance and Taxation; National Income and Expenditure; Inter-industry and Sector Financial Accounts.

Overseas Transactions Branch. Balance of Payments; Overseas Trade and Shipping.

Population Census Branch. Classification Research; Field Organisation and Mapping; Operations.

Prices and Labour Branch. Labour and Retail Prices; Quantum Indexes and Wholesale Prices.

Production and Distribution Branch. Internal Trade; Primary Industry; Secondary Industry.

Sampling and Methodology Branch. Sampling; Methodology; Special Projects.

Services Branch. Establishments and Finance; Publications; Secretariat.

In addition to the above-mentioned branches, the Bureau's *Computer Service Centre* operates the largest computer network in Australia and one of the largest used for statistical purposes in the world. It comprises a Control Data 3600 and two 3300 computers in Canberra, 3300, 3200 and 160-A computers in Sydney and Melbourne, 3200 and 160-A computers in Brisbane and 3200 computers in the remaining State capitals. All installations use a full complement of peripheral devices. Mass storage and interrogation facilities are available at Canberra, Sydney and Melbourne.

At 30 June 1970 the staff of the Bureau numbered 3,421, of whom 639 were university graduates. Of the total staff, 1,355 were employed in the Bureau's Central Office in Canberra. Expenditure for the year 1969-70 amounted to \$17,567,335.

Relation of the Bureau to other Commonwealth Departments

The Commonwealth Statistician is the co-ordinating authority on all statistical activities in Commonwealth Departments, and where any new statistical field is to be established involving the regular collection of statistics, the Commonwealth Statistician must be consulted to ensure that they are necessary and that they are based on sound statistical methods; furthermore, the Commonwealth Statistician is empowered to make regular inspections of all statistical work undertaken in Departments to ensure that their needs are being met by the most economical means and without duplication of effort.

The Bureau provides methodological and general statistical advice to Commonwealth Departments and instrumentalities from time to time as required. However, for a small number of Departments, which have a continuing need for specialised statistical services, the Bureau provides, from its own staff, the key personnel to serve these needs.

STATISTICAL AND OTHER OFFICIAL PUBLICATIONS OF AUSTRALIA

The official statistical publications of Australia may be divided bibliographically into two main divisions, namely: (i) Commonwealth publications dealing both individually and collectively with the several States of Australia; and (ii) State publications dealing with individual States only. Commonwealth publications containing statistics may be grouped under two heads, namely: (i) publications issued by the Commonwealth Statistician; and (ii) Parliamentary and Departmental Reports and Papers. State publications may similarly be grouped into publications issued by the Deputy Commonwealth Statistician in each State and State Parliamentary and Departmental Reports and Papers. The statistics contained in the second group in each case are in the main incidental to the primary purpose of the particular report or paper.

Publications issued by the Commonwealth Statistician

Principal statistical publications issued to date

The following is a list of the principal statistical publications issued from the Central Office of the Commonwealth Bureau of Census and Statistics since its inauguration. Minor changes in titles have not been referred to. Copies of a number of these publications, particularly earlier issues, are not now available.

Australian Capital Territory Statistical Summary. Annually, 1963 to 1970.

Balance of Payments, half-yearly, 1946-47 to 1969-70.

Balance of Payments, Australia. Statements Nos 1 to 3, 1928-29 to 1951-52.

- Banking and Currency*. Bulletin, annually, 1961–62 and 1962–63 (combined issue) to 1968–69.
- ‡ *Building and Construction*. Bulletin, annually, 1964–65 to 1967–68.
- Causes of Death*. Bulletin, annually, 1963 to 1967.
- Census (1911) Results*. Bulletin. Vols I (Statistician's Report), II and III, with Appendix *Mathematical Theory of Population*.
- Census (1921) Results*. Bulletins, Nos 1 to 26. Parts I to XVI, forming Vol. I, and Parts XVII to XXIX (Part XXVII, Life Tables), forming, with the Statistician's Report, Vol. II.
- Census (1933) Results*. Bulletins, Nos 1 to 25. Parts I to XIV, forming Vol. I, Parts XV to XXVIII, forming Vol. II, and Parts XXIX to XXXVII, forming, with the Statistician's Report and Australian Life Tables, 1932–1934, Vol. III.
- Census (1947) Results*. Bulletins, Nos 1 to 25. Parts I to XVI, forming Vol. I, Parts XVII to XIX, forming Vol. II, and Parts XX to XXVIII, forming with the Statistician's Report and Australian Life Tables, 1946–1948, Vol. III.
- Census (1954) Results*. Bulletins, Nos 1 to 3. Vols I to VI, comprising respectively Parts I to V for each State; Vol. VII, comprising Parts I to V for the Australian Territories; Vol. VIII, comprising Parts I to III for Australia, Australian Life Tables, 1953–1955, and the Statistician's Report.
- Census (1961) Results*. Vols I to VI, comprising respectively Parts I to V for each State; Vol. VII, comprising Parts I to V for the Australian Territories; and Vol. VIII, comprising Parts I to III for Australia, Australian Life Tables, 1960–1962, and the Statistician's Report.
- Census (1966) Results*. Summarised results for each State and Territory and for Australia have been published in a series of mimeographed bulletins available from the Commonwealth Statistician, and the volumes containing the final figures are being issued progressively (see pages 1037–8).
- * *Conference of British Commonwealth Statisticians, 1951, Report of Proceedings*.
- * *Dairying Industry* (formerly *Summary of Dairying Industry*). Statistical Bulletin, monthly and half-yearly; first issue, September 1937.
- Demography*. Bulletin, annually, 1911 to 1966. Commencing 1963, excludes details of causes of death, see *Causes of Death*.
- * *Digest of Current Economic Statistics*. Monthly from August 1959 onward.
- * *Export Commodity Classification, Australian*. Annually, 1966–67 to 1969–70 (sectional revisions). *Exports, Australian*. Annually, 1958–59 to 1969–70.
- * *Factories, Principal Statistics, Summary*. Annually, 1948–49 to 1967–68.
- Finance*, Bulletin, 1907 to 1960–61. Commencing 1955–56, issued in two parts—Part I, Public and Private Finance; Part II, Commonwealth Taxation. Commencing 1961–62, issued as five separate bulletins, see *Banking, Finance (2), Insurance, and Taxation*.
- Finance, Commonwealth*. Bulletin, annually, 1961–62 and 1962–63 (combined issue) to 1969–70.
- Finance, State, Territory and Local Government Authorities', and Government Securities*. Bulletin, annually, 1961–62 and 1962–63 (combined issue) to 1967–68.
- * *Food Production and the Apparent Consumption of Foodstuffs and Nutrients, Report on*. Statistical Bulletin, half-yearly, 1946–47 to 1947–48; annually, 1948–49 to 1968–69.
- * *Fruit Growing Industry* (formerly *Summary of Fruit Growing Industry*). Statistical Bulletin, annually, 1944–45 to 1968–69.
- * *Import Commodity Classification, Australian*. Annually, 1965–66 to 1969–70 (sectional revisions). *Imports, Australian*. Bulletin, annually, 1967–68 and 1969–70.
- Imports Cleared for Home Consumption*. Annually, 1950–51 to 1968–69.
- Insurance and Other Private Finance (other than Banking and Currency)*. Bulletin, annually, 1961–62 and 1962–63 (combined issue) to 1967–68.
- Labour and Industrial Statistics*. Memoranda and Reports, various, to 1922.
- Labour Report*, 1913 to 1967.
- Life Tables, Australian*, 1901–1910. *Australian Joint Life Tables*, 1901–1910.
- Life Tables, Australian*, 1920–1922.
- Life Tables, Australian*, 1932–1934. *Australian Joint Life Tables*, 1932–1934.
- Life Tables, Australian*, 1946–1948.
- Life Tables, Australian*, 1953–1955.
- Life Tables, Australian*, 1960–1962.
- * *Livestock Numbers* (formerly *Summary of Livestock Statistics*). Statistical Bulletin, annually, 1943 to 1969.
- Local Government in Australia*. July 1919.
- Manufacturing Commodities*. Bulletin, annually, 1963–64 and 1964–65 (combined issue) and 1965–66.

- Manufacturing Industries*. Bulletins on individual industries, annually, 1936-37 to 1939-40, 1940-41 (issue incomplete) and 1944-45 to 1967-68.†
- Manufacturing Industry*. Bulletin, annually, 1963-64 to 1967-68.
- Manufacturing Industry, Australian, Overseas Participation in, Part I.—Overseas Ownership and Part 2.—Overseas Control*, 1962-63 and 1966-67.
- ‡*Mineral Industry, The Australian* (formerly *Minerals and Metals Bulletin*). Part 2—*Quarterly Statistics* of a quarterly bulletin issued jointly with the Bureau of Mineral Resources.
- Mining Industry, Australian, Overseas Participation in*, annually, first issue, 1967.
- Monthly Review of Business Statistics*. October 1937 onward.
- Motor Vehicles, Census of, 31st December, 1955*. Bulletins, Nos 1 to 8.
- Motor Vehicles, Census of, 31st December, 1962*. Bulletins, Nos 1 to 9.
- Motor Vehicles, Survey of (1947-48), Results*. Bulletins, Nos 1 to 7.
- National Accounts, Australian (National Income and Expenditure)*, 1948-49 to 1961-62, first issue, mimeographed*, to 1968-69.
- §*Non-rural Primary Industries*. Bulletin, annually, 1964-65 and 1965-66 and 1966-67 (combined issue).
- Non-rural Primary Industries and Value of Production*. Bulletin, annually, 1962-63 and 1963-64. (Commencing 1964-65 issued as two separate Bulletins, see *Non-rural Primary Industries*, and *Value of Production*).
- Northern Territory Statistical Summary*. Annually, 1960 to 1970.
- **Occupation Survey (1945) Results*. Detailed tables.
- Official Year Book of the Commonwealth of Australia*. 1907 to present issue (No. 56). Issues Nos 40 to 51 also published in parts.
- Pocket Compendium of Australian Statistics* (formerly *Statistical Digest*). 1913, 1914, 1916 and 1918 to 1970, annually.
- Population and Vital Statistics*. Bulletins and Reports, various, 1906-1910.
- Primary Industries*. Bulletins, annually, 1950-51 to 1961-62 in two parts—Part I, Rural Industries; Part II, Non-rural Primary Industries and Value of Production. Commencing 1962-63, issued as two separate Bulletins, see *Rural Industries* and *Non-rural Primary Industries and Value of Production*.
- Primary Industries, Australian*. Report prepared for the Empire Producers Conference, Sydney, March 1938.
- Production*. Bulletin, annually, 1906 to 1949-50. From 1936-37 to 1949-50 issued in two parts—Part I, Secondary Industries; Part II, Primary Industries (including Total Recorded Production); thereafter separate Bulletins (see *Primary Industries* and *Secondary Industries*).
- Professional Papers*. Various. A full list appears in Official Year Book No. 13, page 3.
- **Publications of the Commonwealth Bureau of Census and Statistics*. Annually since 1950 (1964 to 1970 printed).
- Quarterly Summary of Australian Statistics* (replaced *Monthly Summary of Australian Statistics*). December 1917 onward.
- **Retail Establishments, Census of (1947-48), Results*. Bulletins, Nos 1 to 7.
- **Retail Establishments, Census of (1948-49), Results*. Bulletins, Nos 1 to 7.
- **Retail Establishments, Census of (1952-53), Results*. Bulletins, Nos 1 to 14.
- Retail Establishments, Census of (1956-57), Results*. Bulletins, Nos 1 to 8 (mimeographed*) and 9 to 15 (printed).
- Retail Establishments and Other Services, Census of (1961-62), Results*. Bulletins Nos 1 to 7 (printed) and 8 and 9 (mimeographed*).
- **Rural Holdings, Classification by Size and Type of Activity*, 1959-60. Bulletins, Nos 1 to 7.
- Rural Holdings, Classification by Size and Type of Activity*, 1965-66. Bulletins, Nos 1 to 7.
- Rural Holdings, Size Classification of*, 1955-56. Bulletins, Nos 1 to 7.
- Rural Industries*. Bulletin, annually, 1962-63 to 1967-68.
- **Rural Land Use and Crop Production* (formerly *Summary of Crop Statistics*). Statistical Bulletin, annually, 1943-44 to 1968-69.
- **Seasonally Adjusted Indicators*. Bulletin, annually, 1967 to 1970.
- Secondary Industries*. Bulletin, annually, 1950-51 to 1962-63 (commencing 1960-61 issued in two parts—Part I, Factory and Building Operations; Part II, Materials Used and Articles Produced in Factories). Commencing 1963-64 issued as separate bulletins, see *Manufacturing Industry*, *Manufacturing Commodities*, and *Building and Construction*.
- Social Insurance*. Report to the Hon. the Minister for Trade and Customs, 1910.
- Social Statistics*. Bulletin, 1907 to 1915 annually, and 1918.
- Superannuation for the Commonwealth Public Service*. Report to the Hon. the Minister for Home Affairs, 1910.

Taxation Assessments, Commonwealth. Annually, 1961–62 to 1968–69.

Trade, Overseas. Bulletin, annually, 1906 to 1968–69.

**Trade, Overseas.* Preliminary Bulletin, annually, 1952–53 to 1969–70, in two parts—Part 1, Exports; Part 2, Imports. (See also *Exports, Australian; Imports, Australian; and Imports Cleared for Home Consumption.*)

Transport and Communication. Bulletin, 1906, 1908 to 1916 annually, 1919 to 1930 annually and 1932 to 1967–68 annually.

§*Value of Production.* Bulletin, annually, 1964–65 and 1967–68.

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

**Wheat Industry* (formerly *Summary of the Wheat Situation*). Statistical Bulletin, periodically; first issue, July 1936.

**Wool Production and Utilisation.* Bulletin, annually, 1952–53 to 1968–69.

Current or recent statistical publications

The publications listed on the following pages comprise all current or recent publications of the Central Office of the Commonwealth Bureau of Census and Statistics. For further information, including particulars of publications issued by the State offices of the Bureau, see *Publications of the Commonwealth Bureau of Census and Statistics* (Reference 1.8).

The publications listed are grouped into (i) *General publications*, (ii) *other publications*, and (iii) *population census publications*.

General publications contain statistics on a wide variety of subjects, including all major topics.

Other publications comprise reports, bulletins, statements, surveys, etc., which deal mainly with particular fields or subjects, and are listed alphabetically according to topic. They are of three kinds:

- (i) publications (mainly annual) containing detailed tables of the main statistics collected which constitute the Bureau's permanent detailed printed records;
- (ii) supplementary publications in mimeographed form (triennial, annual, half-yearly, quarterly, and monthly) which advance the statistics contained in (i), provide further detail, or issue new statistics;
- (iii) preliminary reports of special surveys or censuses, such as the Population, Retail Trade and Motor Vehicle Censuses in mimeographed form.

Population census publications have been issued in respect of each Commonwealth census taken from 1911 to 1966, namely 1911, 1921, 1933, 1947, 1954, 1961 and 1966. Only the mimeographed publications issued for the 1966 census and a summarised list of the 1966 census volumes are shown in the following pages, but details of publications for earlier censuses are shown on page 1027. The issue of preliminary figures from the 1966 census in mimeographed form is now complete, and the volumes which will contain the final figures are currently being prepared and issued.

Publications of the *Census of retail establishments and other services* and the *Census of motor vehicles* are listed respectively under the headings of **Retail Trade** and **Transport and Communication**.

Frequency of issue is indicated as follows:

<i>tri</i> – triennially	<i>m</i> – monthly
<i>a</i> – annually	<i>irr</i> – irregularly
<i>hy</i> – half-yearly	<i>occ</i> – occasionally
<i>q</i> – quarterly	

The *most recent issue* of each annual publication is shown in parentheses.

Prices. Those publications for which a charge is made are listed at the end of this Year Book. The prices are shown after the number and year of issue—in order, price excluding postage, and price including postage in Australia.

* Distributed by the Commonwealth Statistician—for methods of obtaining other publications still in print see back of this volume.

† See pages 1034–5 for 1967–68 series.

‡ Previously included in *Secondary Industries, Part I—Factory and Building Operations*.

§ Previously included in *Non-rural Primary Industries and Value of Production*.

|| Copies available from the Bureau of Mineral Resources, Canberra and the Department of National Development, Melbourne and Sydney.

GENERAL PUBLICATIONS

Reference

- No.
- 1.1 Official Year Book of the Commonwealth of Australia *a* (No. 56, 1970)
 - 1.2 Pocket Compendium of Australian Statistics *a* (No. 55, 1970)
 - 1.3 Quarterly Summary of Australian Statistics *q*
 - 1.4 Monthly Review of Business Statistics *m*
 - 1.5 Digest of Current Economic Statistics *m**
 - 1.10 Seasonally Adjusted Indicators *a* (1970)*
 - 1.6 Northern Territory Statistical Summary *a* (1970)
 - 1.7 Australian Capital Territory Statistical Summary *a* (1970)
 - 1.8 Publications of the Commonwealth Bureau of Census and Statistics *a* (1970)*
 - 1.9 Publications issued by the Commonwealth Bureau of Census and Statistics *m**

OTHER PUBLICATIONS

Balance of Payments (*see Overseas Trade and Balance of Payments, 8.1, 8.2*)

Births (*see Demography, 4.4, 4.9, 4.11*)

Building—

- 3.1 Building and Construction *a* (No. 4, 1967–68)
- 3.2 Building Approvals *m**
- Building Societies (*see Finance, 5.5, 5.34*)
- 3.3 Building Statistics, Australian Capital Territory *q**
- 3.4 Building Statistics, Northern Territory *q**
- 3.5 Building Statistics—Number of New Houses and Flats (Preliminary) *q**
- 3.6 Building Statistics, Quarterly *q**

Deaths (*see Demography, 4.7 to 4.9, 4.11, 4.19*)

Demography—

- 4.1 Arrivals and Departures, Overseas *q**
- 4.3 Arrivals and Departures, Overseas *m**
- 4.4 Births *a* (1969)*
- 4.5 Canberra City District, Population Count *occ* (1 July 1969)*
- 4.7 Death, Causes of *a* (No. 5, 1967)
- 4.20 Death, Causes of, Certification *irr* *§
- 4.8 Deaths *a* (1969)*
- 4.19 Deaths (Preliminary) *a* (1969)*
- 4.9 Demography *a* (No. 84, 1966)
- 2.98 Life Tables, Australian, 1960–62 (1961 Population Census)
- 4.10 Marriages *a* (1969)*
- 4.17 Population: Canberra City District *q**
- 4.21 Population Count: Darwin, Alice Springs and Tennant Creek, 30 June 1970
- 4.15 Population, Estimated Age Distribution, States and Territories *irr* (30 June 1969)*
- 4.16 Population Estimates (Preliminary) *q**
- 4.18 Population Estimates: Capital Cities and Principal Cities and Towns *a* (30 June 1969)*
- 4.13 Projections of the Population, Interim *irr* (1968 to 2001)*
- 4.14 Twelve Million Australians*†
- 4.11 Vital and Population Statistics, Summary of *q**

Divorces (*see Social Statistics, 13.1, 13.2*)

Employment (*see Labour, Wages and Employment*)

Factories (*see Secondary Industries*)

Finance—

- 5.1 Banking and Currency *a* (No. 7, 1968–69)
- 5.2 Banking Statistics *m**
- 5.3 Banking Statistics, Major Trading Banks (Preliminary) *m**
- 5.4 Banking Statistics (Gazette Extract) *a* (1969)* and *m**
- Banks, Savings (*see Savings Bank Statistics*)
- 5.34 Building Societies, Permanent *m**

* Distributed by the Commonwealth Statistician free of charge.

† Special issue.

§ A booklet for the guidance of medical practitioners in completing medical certificates of cause of death.

Reference

- No.
- 5.5 Building Societies, Registered *a* (No. 6, 1968-69)*
- 5.7 Capital Expenditure by Private Businesses in Australia (Preliminary) *q**
- 5.8 Capital Expenditure by Private Businesses in Australia *q**†
- 5.9 Capital Raisings by Companies in Australia, New *q**
- 5.10 Capital Raisings by Companies in Australia, New (Preliminary) *q**
- 5.11 Finance and Government Securities, State, Territory and Local Government Authorities' *a* (No. 5, 1967-68)
- 5.12 Finance, Commonwealth *a* (No. 7, 1969-70)
- 5.13 Finance Companies *a* (1969-70)*
- 5.14 Finance Companies, Australia *m**
- 5.33 Finance, Public Authority *a* (1967-68)*
- 5.15 Insurance and Other Private Finance (other than Banking and Currency) *a* (No. 5, 1967-68)
- 5.16 Insurance, Fire, Marine and General *a* (No. 16, 1968-69)*
- 5.32 Insurance Statistics, Life *a* (1969)*
- 5.17 Insurance Statistics, Life *m**
- 5.18 Instalment Credit for Retail Sales *q**
- 5.19 Instalment Credit for Retail Sales (Preliminary and Provisional) *m**
- 5.20 Investment, Overseas *a* (1968-69)*
- 5.21 Investment, Overseas (Preliminary) *a* (1968-69)*
- National Accounts, Australian (*see National Accounts*)
- 5.23 Pension and Superannuation Schemes, Government *a* (No. 6, 1968-69)*
- 5.25 Pension Funds, Survey of Selected Private *a* (1968-69)*
- 5.26 Savings Bank Statistics *m**
- 5.27 Savings Bank Statistics (Gazette Extract) *a* (1969)* and *m**
- 5.28 Savings Bank Statistics (Preliminary) *m**
- 5.35 Savings Banks, Housing Finance Transactions within Australia (Preliminary Statement) *m**
- 5.29 Taxation Assessments, Commonwealth *a* (No. 8, 1968-69)
- 5.30 Taxation Collections, Commonwealth, State and Territory *a* (1968-69)*
- 5.31 Unit Trusts, Land Trusts and Mutual Funds *q**

Health

- 16.1 Hospitals and Nursing Homes *a* (1968)*
- Income and Expenditure, National (*see National Accounts*)**
- Labour, Wages and Employment—**
- 6.1 Earnings and Hours, Survey of Weekly *a* (October 1969)*
- 6.18 Earnings, Average Weekly *q**
- 6.4 Employment and Unemployment *m**
- 6.5 Industrial Awards, Determinations and Collective Agreements, Survey of the Incidence of *irr* (May 1968)*
- 6.25 Industrial Awards, Determinations and Collective Agreements, Survey of the Incidence of *irr* (May 1968)—Bulletin 2: Numbers affected by Industrial Awards, etc., by Main Industrial Authorities and Specified Awards, etc.*
- 6.6 Industrial Disputes *q**
- 6.20 Labour Force, The *q**
- 6.22 Labour Force, The *a* (1964 to 1968)*
- 6.7 Labour Report *a* (No. 53, 1967)
- 6.8 Labour Turnover *hy**
- 6.9 Leavers from Schools, Universities or Other Educational Institutions, Survey of *a* (February 1967)*
- 6.10 Multiple Jobholding, Australia, Survey of *irr* (August 1967)*
- 6.15 Pay, Minimum Rates of, and Prescribed Hours of Work—Adult Males and Females *hy**
- 6.19 Superannuation, Survey of, Victoria *occ* (May 1968)*
- 6.24 Trade Union Statistics *a* (December 1969)*
- 6.12 Wage and Salary Earners, Employed (Preliminary) *m**
- 6.13 Wage and Salary Earners in Employment *irr* (June 1954 to June 1961)*

* Distributed by the Commonwealth Statistician free of charge.

† Introductory issue.

‡ June and December quarter issues contain, in addition, details of maintenance expenditure, and details of anticipated new capital expenditure for the ensuing six months.

*Reference**No.*

- 6.14 Wage and Salary Earners in Employment *irr* (June 1961 to June 1965)*
- 6.23 Wage and Salary Earners in Employment *irr* (June 1966 to June 1969)*
- 6.16 Wage Rates and Earnings *m**
- 6.21 Wage Rates Indexes *irr* (June 1965 to June 1968)*
- 6.17 Wage Rates, Minimum *irr* (March 1939 to June 1965)*
- 6.26 Work Experience in 1968 *irr**

Manufacturing (*see Secondary Industries*)**Marriages** (*see Demography, 4.9-11*)**Migration, Overseas** (*see Demography, 4.1, 4.3, 4.9*)**Mining and Quarrying** (*see Primary Industries, 10.4, 10.13, 10.17, to 10.23 10.40 to 10.43, 10.45*)**Motor Vehicles** (*see Transport and Communication*)**National Accounts—**

- 7.8 Gross National Product and Expenditure at Current and Constant Prices *irr* (1959-60 to 1969-70)*
- 7.7 Gross Product by Industry at Current and Constant Prices, Estimates of *a* (1959-60 to 1965-66) (Supplement to Reference No. 7.1, 1953-54 to 1966-67)*
- 7.1 National Accounts, Australian—National Income and Expenditure *a* (1968-69)
- 7.2 National Accounts, Australian (Preliminary Statement No. 1)—Gross National Product at Current and Constant Prices *a* (1968-69)*
- 7.3 National Accounts, Australian (Preliminary Statement No. 2)—Personal Income by States *a* (1968-69)*
- 7.4 National Accounts, Australian (Preliminary Statement No. 3)—Gross National Product at Factor Cost, by Industry *a* (1968-69)*
- 7.5 National Income and Expenditure, Quarterly Estimates *q**
- 7.6 National Income and Expenditure, Quarterly Estimates (Preliminary) *q**

Non-rural Primary Industries (*see Primary Industries*)**Overseas Trade and Balance of Payments—**

- 8.1 Balance of Payments *hy**
- 8.2 Balance of Payments, Quarterly Summary *q**
- 8.3 Export Commodity Classification, Australian *a* (1969-70)*
- 8.21 Exports and Imports of Merchandise at Constant Prices†*
- 8.22 Exports and Imports of Merchandise at Constant Prices *q**
- 8.4 Exports, Australian *a* (No. 12, 1969-70)
- 8.5 Exports of Principal Products of Australian Origin *m**
- 8.6 Import Commodity Classification, Australian *a* (1969-70)*
- 8.19 Imports, Australian *a* (No. 4, 1969-70)
- 8.7 Imports Cleared for Home Consumption *a* (No. 11, 1969-70)†
 - Part 1, Tariff Chapters 1-24
 - Part 2, Tariff Chapters 25-49
 - Part 3, Tariff Chapters 50-67
 - Part 4, Tariff Chapters 68-83
 - Part 5, Tariff Chapters 84-9
 - Part 6, Tariff Chapters 90-9 and Second Schedule
- 8.8 Imports of Assembled New Passenger Motor Cars (other than Buses or Special Vehicles) *m**
 - Overseas Investment (*see Finance, 5.20, 5.21, Primary Industries, 10.42 and Secondary Industries, 12.19, 12.20*)
- 8.9 Overseas Trade, Part 1—Exports *m**
- 8.10 Overseas Trade, Part 2—Imports *m**
- 8.11 Overseas Trade *a* (No. 66, 1968-69)
- 8.12 Overseas Trade, Australia, Exports and Imports (Preliminary) *m**
- 8.18 Overseas Trade, Exports by Commodity Divisions, Australia *m**
- 8.13 Overseas Trade, Imports by Commodity Divisions, Australia *m**
- 8.14 Overseas Trade, Major Groups of Countries *q**
- 8.15 Overseas Trade (Preliminary)—Part 1, Exports *a* (1969-70)*

* Distributed by the Commonwealth Statistician free of charge.

† Each part includes descriptions of the Tariff Items and Statistical Key Codes.

‡ Introductory issue.

Reference
No.

- 8.16 Overseas Trade (Preliminary)—Part 2, Imports *a* (1969–70)*
- 8.23 Overseas Trade Statistics, Highlights of *q**
- 8.17 Trade of Australia with Eastern Countries *a* (1969–70)*

Population (see also Population Census and Demography)

- 15.1 Ex-service Personnel, Australian, Survey of *irr* (November 1966)*
- 2.98 Life Tables, Australian, 1960–62 (1961 Census)

Prices and Price Indexes (see also 6.7, Labour Report)

- 9.1 Consumer Price Index *q**
- 9.7 Consumer Price Index, Particulars for Sub-groups and Special Groupings *q**
- 9.2 Export Price Index *m**
- 9.3 Retail Prices of Selected Food and Grocery Items, Average *q**
- 9.4 Wholesale Price (Basic Materials and Foodstuffs) Index *m**
- 9.5 Wholesale Prices—Price Index of Electrical Installation Materials *q**
- 9.6 Wholesale Price Indexes, Price Index of Materials Used in Building other than House Building *m**

Primary Industries—

- 10.1 Aerial Agriculture Operations *q**
- Agricultural Machinery (see Secondary Industries, 12.1)
- 10.2 Agricultural Statistics (Preliminary) *a* (1968–69)*
- 10.3 Bee Farming *a* (1968–69)*
- Butter Factories (see Secondary Industries, 12.12.21, 12.16.55)
- 10.44 Chicken Hatchings and Poultry Slaughtering *m**
- Consumption of Foodstuffs, etc. (see Food, Tea)
- Crop Production (see Rural Land Use)
- 10.4 Construction Material Quarrying, A.C.T. *a* (1969)*
- 10.5 Dairying Industry *hy**
- 10.6 Dairying Industry *m**
- Earthmoving Equipment (see Secondary Industries, 12.2)
- 10.7 Farm Machinery on Rural Holdings *a* (March 1969)*
- 10.8 Fisheries *a* (No. 15, 1968–69)*
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- 10.10 Food Production and the Apparent Consumption of Foodstuffs and Nutrients *a* (No. 24, 1968–69)*
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- 10.11 Fruit Growing Industry *a* (No. 25, 1968–69)*
- 10.12 Fruit Statistics (Preliminary) *a* (1968–69)*
- 10.46 Grain and Seed Harvesters on Rural Holdings *tri* (31 March 1967)*
- 10.14 Livestock Numbers *a* (No. 27, March 1969)*
- 10.15 Livestock Statistics (Preliminary) *a* (March 1970)*
- 10.16 Meat Industry *m**
- 10.41 Mineral Exploration *a* (No. 4, 1968)*
- 10.17 Mineral Industry, The Australian (Quarterly Review and Statistics) *q*
- 10.18 Minerals and Mineral Products *a* (No. 5, 1968)*
- 10.40 Minerals and Mineral Products (Preliminary) *a* (1968)*
- 10.19 Minerals and Mineral Products *m**
- 10.20 Mining and Quarrying *a* (No. 17, 1968)*
- 10.21 Mining and Quarrying (Preliminary) *a* (1968)*
- 10.43 Mining and Quarrying: Value of Output (Preliminary Estimates) *a* (1968)*
- 10.42 Mining Industry, Australian, Overseas Participation in *a* (1968)*
- 10.23 Non-rural Primary Industries *a* (No. 2, 1965–66 and 1966–67)
- 10.24 Primary Production, Value of (Preliminary Estimates) *a* (1969–70)*
- 10.25 Primary Production, Value of (Preliminary Statement) *a* (1969–70)*
- 10.26 Production, Value of *a* (No. 4, 1967–68)
- 10.27 Production, Value of, and Indexes of Price and Quantum of Farm Production *a* (No. 19, 1968–69)*
- 10.28 Rural Holdings, Classification of, by Size and Type of Activity, 1965–66, Bulletins Nos 1–7 (Australia and States) *irr*

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Reference

- No.*
- 10.29 Rural Industries *a* (No. 6, 1967-68)
- 10.30 Rural Land Use and Crop Production *a* (No. 26, 1968-69)*
- 10.31 Rural Statistics of the Australian Capital Territory *a* (1969-70)*
- 10.33 Tea and Coffee, Apparent Consumption of *a* (No. 9, 1969-70)*
- Tractors, New (*see Secondary Industries, 12.18*)
- 10.34 Tractors on Rural Holdings *tri* (March 1969)*
- 10.35 Wheat Industry *a* (No. 116, 1968-69, and 1969-70 Preliminary)*
- 10.36 Wheat Industry *a* (No. 117, 1969-70 Preliminary)*—supplement to No. 116)
- 10.37 Wine and Brandy, Wholesale Sales and Stocks of *a* (1969-70)*
- Wool, Exports of (*see Overseas Trade and Balance of Payments, 8.5*)
- 10.38 Wool Production and Utilisation *a* (No. 17, 1968-69)*
- 10.39 Wool Production (Preliminary) *a* (No. 20, 1969-70)*
- Wool Production, Woollen Mills (*see Secondary Industries*)

Production (*see Primary Industries and Secondary Industries*)**Retail Trade—**

- 11.1 Retail Establishments and other Services, Census of *irr* (year ended 30 June 1962)—
Preliminary Statements Nos 1-14 (Australia and States)*
Bulletins Nos 1-7 (Australia and States)
Bulletins Nos 8, 9 (Australian Capital Territory and Northern Territory)*
Supplementary Collections Nos 1-3—Licensed Clubs; Laundries and Dry Cleaners;
Motion Picture Theatres*
- 11.2 Retail Establishments, Survey of, Australian Capital Territory *a* (1967-68)*
- 11.3 Retail Establishments, Survey of, Northern Territory *a* (1967-68)*
- 11.4 Retail Sales of Goods *q**
- 11.5 Retail Sales of Goods (Preliminary) *q**
- 11.6 Retail Sales of Goods (Provisional) *m**

Rural Industries (*see Primary Industries*)**Schools (*see Social Statistics, 13.4, 13.5*)****Secondary Industries—**

- 12.1 Agricultural Machinery Statistics, New *q**
- 12.2 Construction Machinery and Attachments, Sales of New *q**
- 12.4 Factories, Summary of Principal Statistics of *a* (No. 20, 1967-68)*
- 12.5 Factory Production, Indexes of *a* (1949-50 to 1967-68)*
- 12.7 Factory Products, Principal *a* (No. 17, 1963-64 to 1967-68)*
- 12.8 Factory Statistics, Australian Capital Territory *a* (1967-68)*
- 12.9 Factory Statistics, Northern Territory *a* (1967-68)*
- 12.10 Factory Statistics, Preliminary *a* (1967-68)*
- 12.11 Manufacturing Commodities *a* (No. 2, 1965-66)
- 12.12 Manufacturing Industries *a* (1967-68)*—
1. Cement and Cement Goods
 2. Bricks, Tiles, Pottery and Earthenware
 3. Chemicals, Drugs and Medicines
 4. White Lead, Paints and Varnish
 5. Chemical Fertilisers
 6. Soap and Candles
 7. Basic Metal Industries
 8. Metal Fabricating Industries
 9. Motor Vehicles and Cycles
 10. Cotton Mills
 11. Woollen Mills
 12. Rope and Cordage
 13. Tanneries
 14. Boots and Shoes
 15. Clothing (including Hosiery and Knitted Goods)
 16. Flour and other Grain Mills
 17. Biscuits
 18. Confectionery

*Reference
No.*

19. Jam, Fruit, Vegetables, Pickles, Sauces, Condiments, etc.
20. Bacon Curing
21. Butter, Cheese and Condensed, Concentrated, etc., Milk
22. Aerated Waters and Cordials
23. Meat and Fish Preserving
24. Breweries
25. Wineries and Distilleries
26. Tobacco, Cigars and Cigarettes
27. Sawmilling
28. Pulp and Paper Making
29. Rubber Works
30. Brooms and Brushes
31. Electric Light and Power Works
32. Gas Works
33. Plastic Moulding and Products
34. Leather Goods (including Saddlery and Belting)
35. Printing and Stationery
- 12.13 Manufacturing Industry *a* (No. 4, 1967-68)
- 12.19 Manufacturing Industry, Australian, Overseas Participation in—
Part 1—Overseas Ownership *irr* (1962-63 and 1966-67)*
- 12.20 Part 2—Overseas Control *irr* (1962-63 to 1966-67)*
- 12.6 Packaging and Associated Items *a* (1967-68)*
- 12.21 Production of Women's, Maids' and Girls' Outerwear—States *a* (1966-67 and 1967-68)*
- 12.14 Production Statistics *m**
- 12.15 Production Statistics (Preliminary) *m**
- 12.16 Production Summaries *m**—
 1. Automotive Spark Plugs and Shock Absorbers
 2. Chemicals, etc.
 3. Plastics and Synthetic Resins and Plasticisers
 4. Paints and Other Surface Coatings
 5. Electricity and Gas
 6. Soap, Detergents, Glycerine and Fatty Acids
 7. Internal Combustion Engines
 8. Lawnmowers
 9. Electrical Appliances
 10. Motor Bodies, Trailed Vehicles, Lift-on Freight Containers, etc.
 11. Pedal Cycles
 12. Meters
 13. Building Fittings
 14. Cotton Goods
 15. Fellmongering, Woollscouring and Carbonising
 16. Wool Top Making and Yarn Produced
 17. Wool Woven Fabric
 18. Hosiery
 19. Women's, Maids' and Girls' Clothing, and Infants' and Babywear
 20. Cellulosic and Synthetic Fibre Tops, Yarns and Woven Fabrics
 21. Paper, Wood Pulp and Adhesive Tapes
 22. Floor Coverings and Felts
 23. Electric Motors
 24. Men's, Youths' and Boys' Clothing
 25. Foundation Garments
 27. Gloves and Slide Fasteners
 28. Footwear
 29. Biscuits, Cocoa, Confectionery, Ice Cream
 30. Storage Batteries—Wet Cell
 32. Perambulators, Pushers and Strollers
 33. Motor Vehicles
 34. Television, Radios, other Sound Equipment; Transistors
 35. Bed Bases and Mattresses
 36. Processed Milk Products

Reference
No.

- 38. Fish Preserving
- 39. Jam, Preserved Fruit and Vegetables
- 40. Cereal Products
- 41. Vegetable Oils, Margarine and other Edible Processed Fats
- 42. Malt and Beer
- 43. Stock and Poultry Foods (including Bran and Pollard)
- 45. Phonograph Records
- 47. Aerated and Carbonated Waters, Cordials and Syrups
- 48. Sports Goods
- 49. Building Materials
- 50. Electrodes for Manual Welding
- 51. Hides and Skins used in Tanneries
- 52. Electrical Power Frequencies Transformers, Chokes and Ballasts
- 53. Plastics Film, Sheeting and Coated Materials
- 55. Butter and Cheese
- 56. Canned Meat
- 58. Steel Wire and Wire Products
- 59. Non-ferrous Rolled, Extruded and Drawn Products
- 12.17 Textile Industries, Machines Installed *a* (30 June 1967 and 1968)*
- 12.18 Tractors, New, Receipts, Sales and Stocks *q**

Social Statistics—

- Child Care (*see* Miscellaneous, 17.2)
- 13.10 Colleges of Advanced Education and Teachers Colleges *a* (1968)*
- 13.1 Divorce *a* (1969)*
- 13.2 Divorce *q**
- 13.11 Non-school Study Courses, Survey of *irr* (August 1968)*
- 13.4 School Enrolments *a* (1969)*
- 13.5 Schools *a* (1969)*
- 13.6 University Statistics (Preliminary Statement) *a* (1970)*
- 13.7 University Statistics, Part 1. Students and Degrees Conferred *a* (1969)*
- 13.8 University Statistics, Part 2. Staff and Libraries *a* (1969)*
- 13.9 University Statistics, Part 3. Finance *a* (1969)*

Transport and Communication—

- 14.1 Motor Vehicle Registrations *a* (1969)*
- 14.2 Motor Vehicle Registrations *m**
- 14.3 Motor Vehicle Usage, Survey of (Preliminary) *irr* (1963)*
- 14.4 Motor Vehicle Usage, Survey of (Preliminary) States and Territories *irr* (1963)*
- 14.5 Motor Vehicles, Census of *irr* (31 December 1962)—
Preliminary Statements Nos 1-9 (Australia, States and Territories)*
Bulletins Nos 1-9 (Australia, States and Territories)
- 14.6 New Motor Vehicles, Registrations of (Preliminary) *m**
- 14.7 New Motor Vehicles, Registrations of, Make of Vehicle (Preliminary) *a* (1969)*
- 14.8 New Motor Vehicles, Registrations of, Make of Vehicle (Preliminary) *m**
- 14.13 Road Accident Fatalities *m**
- 14.9 Road Traffic Accidents Involving Casualties *q**
- 14.14 Road Traffic Accidents involving Casualties (Preliminary) *q**
- 14.12 Road Traffic Accidents Involving Casualties, Northern Territory *q**
- 14.10 Shipping Cargo, Overseas *m**
- 14.11 Transport and Communication *a* (No. 59, 1967-68)

University Statistics (*see* Social Statistics, 13.6 to 13.9)

Value of Production (*see* Primary Industries, 10.24 to 10.27, 10.43)

Vital Statistics (*see* Demography, 4.4, 4.7 to 4.11, 4.15)

Wages (*see* Labour, Wages and Employment)

Miscellaneous

- 17.1 Book Publishing, Australian *a* (1969)*
- 17.2 Child Care *irr* (May 1969)*
- 17.3 Illness, Chronic, Injuries and Impairments *irr* (May 1968)*

1966 CENSUS OF POPULATION AND HOUSING PUBLICATIONS†

Mimeographed statements

Mimeographed statements issued in respect of the 1966 Census are of two kinds:

- (a) *field count statements, containing preliminary figures compiled by field personnel during the taking of the census; and*
- (b) *bulletins, which contain, in general, preliminary summarised particulars of the detailed information that will eventually be published in the appropriate Parts of final printed Volumes of the Census. They should therefore not be regarded as providing the final detailed analysis available of the topic in question.*

FIELD COUNT STATEMENTS*

Reference

No.

- 2.1 FC 1 Population: Australian Capital Territory
- 2.2 „ 2 Population: Nauru, Norfolk Island, Christmas Island, and Cocos (Keeling) Islands
- 2.3 „ 3 Population: States and Territories of Australia
- 2.4 „ 4 Population: Principal Urban Centres of Australia
- 2.5 „ 5 Population: Administrative Divisions, Australian Capital Territory
- 2.6 „ 6 Population: Local Government Areas and Urban Centres, New South Wales
- 2.7 „ 7 Population: Local Government Areas and Urban Centres, Victoria
- 2.8 „ 8 Population: Local Government Areas and Urban Centres, Queensland
- 2.9 „ 9 Population: Local Government Areas and Urban Centres, South Australia
- 2.10 „ 10 Population: Local Government Areas and Urban Centres, Western Australia
- 2.11 „ 11 Population: Local Government Areas and Urban Centres, Tasmania
- 2.12 „ 12 Population: Police Districts, Northern Territory

BULLETINS*

The following bulletins have been issued in this series. The first digit in the bulletin numbers shown indicates the State, etc., to which the bulletin relates, as follows: 1—New South Wales; 2—Victoria; 3—Queensland; 4—South Australia; 5—Western Australia; 6—Tasmania; 7—Northern Territory; 8—Australian Capital Territory; 9—Australia; 10–13—External Territories—e.g. No. 4.3 (Reference No. 2.15) represents the bulletin Population: By Age and Marital Status, South Australia.

Reference

No.

For each State and Territory and Australia

- 2.13 Nos. 1–9.1 Summary of Population
- 2.14 „ 1–9.2 Summary of Dwellings
- 2.15 „ 1–9.3 Population: By Age and Marital Status
- 2.16 „ 1–9.4 Population: By Industry and Age
- 2.17 „ 1–9.5 Overseas Born Population: By Birthplace and Nationality
- 2.18 „ 1–9.6 Population: By Industry and Occupational Status
- 2.19 „ 1–9.7 Population: By Marital Status, Age and Occupational Status
- 2.20 „ 1–6.8 Population and Dwellings: Local Government Areas and Urban Centres
- 2.20 „ 7.8 Population and Dwellings: Police Districts
- 2.20 „ 8.8 Population and Dwellings: Administrative Divisions
- 2.20 „ 9.8 Population and Dwellings: Local Government Areas and Urban Centres

For Australia, by States

- 2.22 The Aboriginal Population (Revised Statement): States and Territories of Australia
- 2.23 The Aboriginal Population of Australia: Summary of Characteristics

For the External Territories

- 2.24 No. 10.1 Summary of Population: Census of the Territory of Norfolk Island
- 2.25 „ 11.1 Summary of Population: Census of the Territory of Christmas Island
- 2.26 „ 12.1 Summary of Population: Census of the Territory of Cocos (Keeling) Islands
- 2.27 „ 13.1 Summary of Population: Census of the Territory of Nauru

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† See page 1027 for previous Censuses.

1966 POPULATION CENSUS PUBLICATIONS—*continued*

Printed Volumes*

Volume 1.

Parts 1–11 Population: Single Characteristics. (Part 1, Age; Part 2, Marital status; Part 3, Birthplace; Part 4, Nationality; Part 5, Period of residence in Australia; Part 6, Educational attainment; Part 7, Religion; Part 8, Occupational status; Part 9, Industry; Part 10, Occupation; Part 11, Race.)

Volume 2.

Parts 1–5 Population: Related Characteristics. (Part 1, Growth and distribution of the population; Part 2, Demographic data; Part 3, The overseas-born population; Part 4, The work force; Part 5, Families and households.)

Volume 3.

Housing.

Volume 4.

Parts 1–7 Population and dwellings in local government areas. (Part 1, New South Wales; Part 2, Victoria; Part 3, Queensland; Part 4, South Australia; Part 5, Western Australia, Part 6, Tasmania; Part 7, Northern Territory and Australian Capital Territory.)

Volume 5.

Parts 1–8 Population and dwellings in localities. (Part 1, New South Wales; Part 2, Victoria; Part 3, Queensland; Part 4, South Australia; Part 5, Western Australia; Part 6, Tasmania; Part 7, Northern Territory and Australian Capital Territory, Part 8, Australia.)

Volume 6.

Parts 1–6 Statistician's Report. (Part 1, Introduction; Part 2, Preparation for the Census; Part 3, The enumeration; Part 4, Processing the data; Part 5, Dissemination of results; Part 6, Evaluation.)

Information on current or recent Bureau publications

Further information on current or recent publications of the Commonwealth Bureau of Census and Statistics is contained in *Publications of the Commonwealth Bureau of Census and Statistics, 1970*, available free on request from the Commonwealth Statistician, Canberra. This contains a list of all Bureau publications, a subject index to show the Central Office publications in which information on the various subjects dealt with by the Bureau is to be found, and short descriptions of major Central Office publications. The information on issues in this publication is supplemented in monthly statements.

Publications issued by the Deputy Commonwealth Statisticians

A list of the current publications issued by the Deputy Commonwealth Statistician of each State appears in *Publications of the Commonwealth Bureau of Census and Statistics, 1970*, and this information is supplemented also in the monthly statements mentioned above.

Commonwealth and State Parliamentary and Departmental Reports and Papers

No comprehensive list of current publications of this nature is available, but the National Library of Australia issues an annual publication *Australian Government Publications*, a list of official publications of the Commonwealth, States and Territories, compiled from records of material received by the Library during the year.

* In the course of preparation.

The Australian Government Publishing Service, Canberra, issues a monthly publication *Australian Government Publications* and at irregular intervals Consolidated Lists. These publications list Commonwealth publications currently becoming available or in stock, showing the titles and prices of Parliamentary Papers, Parliamentary Debates (Hansard), records of Parliamentary proceedings, Acts, Statutory Rules, Ordinances, and departmental bulletins and reports issued annually or irregularly.

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The National Library of Australia issues annually a publication *Australian Books*, a reprint of the 1966 issue of which is included on pages 1231-77 of Year Book No 53. See page 674 of the chapter Education, Cultural Activities and Research for further information concerning the National Library's publicising of Australian publications.

