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APPARENT CONSUMPTION OF FOODSTUFFS AND NUTRIENTS

1970-71



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA

Reference No. 10.10

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CANBERRA, AUSTRALIA

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1970-71

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NOTE: This bulletin was previously titled "Statistical Bulletin : Report on Food Production and the Apparent Consumption of Foodstuffs and Nutrients".

EXPLANATORY NOTES

The statistics contained in this bulletin refer, in the main, to the individual years 1968-69 to 1970-71 compared with the averages for the three-year periods 1936-37 to 1938-39, 1946-47 to 1948-49 and 1956-57 to 1958-59. As a decade separates each of these periods, useful long term comparisons may be made in consumption patterns. These statistics constitute the main body of the bulletin and are contained in Part III.

Part II shows details of supply and utilisation of foodstuffs in 1970-71.

In general, the method employed in this bulletin in estimating consumption in Australia of each of the various foodstuffs is as follows :

$$\text{APPARENT CONSUMPTION} \left. \vphantom{\text{APPARENT CONSUMPTION}} \right\} = \left\{ \begin{array}{l} \text{Production} \\ \text{Imports} \\ \text{Opening stocks (a)} \end{array} \right\} \text{Minus} \left\{ \begin{array}{l} \text{Exports} \\ \text{Ships' stores} \\ \text{Usage for processed food} \\ \text{Non-food usage} \\ \text{Wastage} \\ \text{Closing stocks (a)} \end{array} \right\}$$

(a) Stocks, in general, are confined to those held in factories or those held in store by marketing authorities. Adequate information for a number of foodstuffs is not available from factories and/or marketing authorities. See also 2, below.

There are three significant factors which should be noted in regard to the calculation above :

1. Production. Available production statistics are confined mainly to commercial production and are deficient for the purposes of the calculation to the extent of production by householders for their own use. This applies particularly in the case of vegetables, fruit, eggs, poultry, fish. In all these cases, however, estimates of non-commercial production have been included, based on somewhat inadequate information obtained from a household expenditure survey conducted in 1944 and other investigations conducted by government departments during the 1939-45 War. Similarly, in the case of processed foods, little up-to-date information is available on the quantities of foodstuffs preserved by householders for their own use. To cover this, estimates have been made on the basis of information collected during that war.

2. Stocks. Statistics of stocks refer to in-store (i.e. those held by marketing authorities) and factory stocks. With minor exceptions no details are available of wholesalers', retailers' or householders' stocks. For perishable commodities this point is of little importance since the very nature of the commodity precludes the accumulation of stocks. This is not the case, however, with non-perishable foods, and estimates derived for consumption of such foodstuffs for individual years may not state the position correctly with regard to consumption as ordinarily understood, i.e. foodstuffs consumed by the individual. This difficulty is apparent particularly in the case of canned foodstuffs, where in some years it has been necessary to initiate special enquiries from the trade and other informed sources in an endeavour to take better account of these deficiencies.

3. Wastage. In many cases, allowance is not made for wastage before the foodstuffs are consumed. The importance of this factor is difficult to estimate, but in some seasons gluts cause considerable destruction of perishable foodstuffs, and it should therefore be taken into account when using these statistics. The effect of ignoring wastage is ultimately to overstate the consumption figures. In recent years, however, it is likely that there has been less wastage of foodstuffs than previously,

because of more efficient methods of distribution and storage (including refrigerated transport, air freight and household refrigeration).

Because of the qualifications in respect of stocks and wastage, the term "consumption" is used in a specialised sense, since the quantities actually measured are broadly the quantities available for consumption at a particular level in the process of distribution, i.e. ex-markets, ex-store or ex-factory, depending on the method of marketing and/or processing. It is considered that in most cases these foodstuffs will find their way to the ultimate individual consumers with a minimum time lag. The figures therefore represent fairly accurately total consumption in the year to which they relate.

The effect of changes in the composition of the population should be borne in mind when comparing estimates of consumption (and particularly estimates of consumption per head of population) over a number of years. The most significant change since 1945, which has almost certainly had some effect on the consumption pattern, is the increasing proportion of the population born overseas and resident for only a comparatively short period in Australia (e.g. the proportion of the population born overseas was 9.8 per cent in 1947, 14.3 per cent in 1954, 16.9 per cent in 1961, and 18.5 per cent in 1966).

For some foodstuffs, data relating to consumption per head should be viewed in their correct perspective. For example, while consumption per head of infants' and invalids' food has been calculated on the basis of the mean Australian population for the years concerned, these commodities are clearly consumed by a relatively small proportion of people. The effective consumption per head by these consumers would therefore be considerably higher than the figures shown in the relevant table.

In general, the statistics in the bulletin are for financial years. However, where there is a marked seasonal pattern in the production or marketing of certain crops, the statistics refer to crop years. For example, statistics relating to wheat and rice are on the basis of years ending in November and April respectively.

Part IV of this bulletin, which deals primarily with the level of nutrient intake in Australia, has been compiled for the most part by officers of the Nutrition Section of the Commonwealth Department of Health, to whom thanks are extended. In addition to Australian data, a comparison is given, in Table 39, with nutrient intakes for the latest available year for the United Kingdom, New Zealand and the United States of America.

The estimates of nutrient intake in Australia, which are calculated annually to provide a continuing review of the dietary status of the population, are based on the quantities of foodstuffs consumed as calculated by this Bureau. While these estimates are in terms of Commonwealth averages, and do not, therefore, provide information regarding the dietary status of individuals or of specific groups within the population, they supply a valuable indication of overall trends and enable comparisons with other data (e.g. special surveys) within Australia and with data for other countries. Studies are made from time to time by the Nutrition Committee of the National Health and Medical Research Council and by various other health authorities in Australia to determine the adequacy of nutrients in the diet of the population as a whole or of various sections of the population.

SYMBOLS USED IN THIS BULLETIN

- n.a. - Not available
- p - Preliminary. Subject to revision.
- .. - Nil or less than half the final digit shown.

NOTE. Any discrepancies between totals and sums of components in tables are due to rounding.

I. APPARENT CONSUMPTION PER HEAD, AUSTRALIA

TABLE 1. - APPARENT CONSUMPTION OF CERTAIN FOODS: AUSTRALIA
(Per head per year)

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
1. GRAIN PRODUCTS										
Flour (incl. wheatmeal for baking and sharps)	169.6	170.2	171.0	168.3	172.9	172.4	169.0	169.7	169.9	174.7
Breakfast foods (incl. rice products)	14.3	14.3	14.4	14.5	15.3	14.2	15.1	15.5	13.6	13.1
Rice, milled (excl. breakfast foods)	4.0	3.8	4.1	4.2	4.9	5.3	5.3	5.4	5.4	5.7
Pearl barley	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	..	0.3
Sago and tapioca	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
<u>Total grain products</u>	188.4	189.0	190.1	187.6	193.5	192.3	189.9	191.1	189.1	194.0
2. SUGAR AND SYRUPS										
Sugar (a)	111.7	108.2	108.7	110.3	110.7	107.7	106.7	107.6	109.6	110.4
Syrups, honey and glucose - Sugar content	5.2	4.6	6.5	7.2	6.9	7.1	7.5	6.8	n.a.	n.a.
<u>Total sugar and syrups</u> (sugar content)	116.9	112.8	115.2	117.5	117.6	114.8	114.3	114.4	n.a.	n.a.
3. PULSE AND NUTS										
Dried pulse	2.9	3.3	3.0	3.2	3.1	3.7	2.5	n.a.	n.a.	n.a.
Peanuts (kernel equivalent)	2.9	2.7	2.1	2.0	2.4	2.6	2.9	n.a.	n.a.	n.a.
Tree nuts (kernel equivalent)	1.9	1.9	2.0	2.1	1.9	2.0	2.0	2.1	1.9	2.1
Cocoa (raw bean equivalent)	3.2	3.3	3.2	3.7	3.6	3.4	3.6	n.a.	n.a.	n.a.
<u>Total pulse and nuts</u> (edible weight)	10.9	11.3	10.3	11.0	11.0	11.8	11.0	n.a.	n.a.	n.a.
4. VEGETABLES (b)										
Potatoes, white	97.1	123.0	102.9	92.4	111.7	109.9	110.4	134.3	122.3	119.1
Other root and bulb vegetables	32.9	32.8	32.4	34.8	35.2	39.0	34.3	39.6	37.6	38.2
Tomatoes	29.6	27.5	29.0	31.2	30.9	32.1	30.6	30.9	27.5	35.8
Leafy and green vegetables	42.9	41.3	43.0	46.1	44.3	48.3	45.5	46.2	47.1	45.1
Other vegetables (c)	37.4	40.0	38.2	38.9	39.1	40.8	40.3	39.0	43.4	40.1
<u>Total all vegetables</u>	239.9	264.6	245.6	243.4	261.3	270.1	261.1	290.0	277.8	278.4

(a) In terms of refined sugar; includes sugar content of manufactured products. (b) Includes fresh equivalent of manufactured products. (c) Includes sweet potatoes.

TABLE 1. - APPARENT CONSUMPTION OF CERTAIN FOODSTUFFS : AUSTRALIA - continued

(Per head per year)

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
5. FRUIT AND FRUIT PRODUCTS										
Citrus fruit (a)	43.3	47.6	42.3	50.8	41.8	48.7	46.4	53.4	53.4	66.5
Other fresh fruit	87.1	84.2	91.9	77.9	88.1	79.8	87.7	98.5	81.8	98.9
Jams, conserves etc.	8.1	8.1	7.9	7.7	7.6	7.3	7.4	7.3	6.7	6.5
Dried fruit	6.2	7.4	5.2	5.8	4.7	5.6	5.1	5.3	5.0	5.3
Canned fruit	16.5	20.4	18.6	19.8	20.5	20.5	23.9	21.0	21.8	19.9
<u>Total fruit and fruit products (fresh fruit equivalent)</u>	179.1	189.5	181.4	180.7	177.7	181.4	186.8	203.6	186.9	217.4
6. MEAT										
(i) Carcass meat -										
Beef and veal	93.4	99.8	104.8	99.2	92.6	85.2	89.7	91.1	85.2	87.2
Mutton	55.3	51.4	48.1	45.9	46.0	41.3	41.7	42.1	37.3	43.3
Lamb	42.8	42.0	41.5	39.2	36.8	42.5	43.2	47.7	45.4	50.7
Pigmeat	13.6	11.9	11.5	11.8	13.3	13.4	14.6	16.1	16.7	15.2
<u>Total carcass meat</u>	205.1	205.1	205.9	196.1	188.8	182.4	189.2	197.0	184.6	196.4
Offal	11.6	12.4	12.8	12.3	11.5	11.0	11.4	11.2	11.4	11.3
Canned meat (canned weight)	3.8	4.2	4.1	4.6	4.5	5.2	4.8	4.9	5.1	5.4
Bacon and ham (cured carcass weight)	7.0	7.4	7.3	7.5	7.6	8.1	7.7	7.8	8.3	10.2
<u>Total meat (carcass equivalent weight)</u>	232.3	233.9	234.8	225.0	216.4	210.3	217.4	225.1	213.8	228.8
(ii) Poultry (dressed weight)	n.a.	n.a.	n.a.	11.5	13.7	16.4	18.6	19.8	23.1	25.0
7. EGGS AND EGG PRODUCTS										
Eggs in shell	24.7	24.8	25.0	25.2	25.6	25.7	25.7	25.7	25.7	25.7
Number of eggs	198	199	200	202	205	206	206	206	206	206
Egg pulp (b)	1.6	1.3	1.6	1.8	1.7	1.6	1.7	1.6	1.6	1.6
Equivalent number of eggs	13	10	12	14	14	12	13	13	13	13
<u>Total eggs and egg products (b)(c)</u>	26.4	26.2	26.6	27.1	27.5	27.5	27.6	27.5	27.5	27.5
Equivalent number of eggs (c)	211	210	213	217	220	220	221	220	220	220

(a) Includes fresh equivalent of manufactured products. (b) In terms of eggs in shell, average weight has been taken as 2 oz.

(c) Includes an allowance for powdered eggs.

TABLE 1. - APPARENT CONSUMPTION OF CERTAIN FOODSTUFFS : AUSTRALIA - continued
(Per head per year)

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71
8. <u>FISH</u>										
Fresh and frozen (edible weight) -										
Fish -										
Australia	3.1	3.2	3.3	3.2	3.3	3.1	2.9	3.4	3.9	3.6
Imported	2.7	2.7	3.1	3.0	3.8	3.3	3.5	3.8	3.6	4.6
Crustaceans and molluscs	1.0	1.3	1.2	1.5	1.5	1.8	2.1	1.5	1.6	2.1
Cured (incl. salted; cured weight)	0.9	1.0	1.0	0.7	0.9	0.6	0.8	1.1	0.9	1.0
Canned (canned weight) -										
Australian	0.8	0.9	0.8	1.0	1.1	0.9	0.7	1.1	1.3	1.0
Imported	2.0	1.9	2.3	2.3	2.4	2.4	2.2	2.1	2.0	1.9
Total fish	10.5	11.0	11.7	11.7	13.0	12.1	12.2	13.0	13.1	14.3
9. <u>MILK AND MILK PRODUCTS</u>										
Fluid whole milk	28.5	27.7	28.1	29.1	28.7	28.2	28.3	28.0	28.2	28.3
Condensed, concentrated and evaporated milk -										
Full cream -										
Sweetened	2.5	2.0	2.4	2.1	2.6	2.2	2.8	2.1	2.2	1.8
Unsweetened (a)	6.7	6.3	6.7	7.8	7.9	7.8	7.3	7.8	7.6	10.3
Skim	1.2	1.8	2.3	1.9	1.9	2.1	1.6	1.6	1.5	2.5
Powdered milk -										
Full cream	2.7	2.5	2.4	2.4	2.0	1.7	2.0	1.8	1.7	1.7
Skim (b)	6.0	5.6	6.9	6.5	7.6	8.5	9.0	10.0	9.8	8.9
Infants' and invalids' food	2.4	2.6	2.8	3.1	3.2	3.7	2.5	2.7	2.6	1.8
Cheese	6.6	6.7	7.2	7.5	7.9	7.8	7.5	7.9	8.1	9.0
Total milk solids (Fat and non-fat) (c)	53.2	51.6	54.0	55.2	55.8	55.7	56.1	56.6	56.7	57.3
10. <u>OILS AND FATS</u>										
Butter	24.0	23.7	23.3	22.5	21.8	21.8	21.6	21.1	20.5	20.3
Margarine -										
Table (d)	n.a.	n.a.	n.a.	4.5	4.6	4.1	2.9	3.0	2.9	2.8
Other (e)	6.0	6.2	6.5	6.1	5.8	6.5	7.4	8.2	8.4	8.3
Total oils and fats (fat content) (f)	n.a.	n.a.	n.a.	32.2	31.5	31.6	31.2	31.5	31.2	30.8

(a) Includes ice cream mix. (b) Includes buttermilk and mixed skim and buttermilk. (c) Includes an allowance for estimated cream consumption. (d) Recorded as such. No allowance is made for table margarine used for other than "table" purposes. (e) Recorded as margarine other than table. No allowance is made for other margarine used for "table" purposes. (f) Includes an estimated allowance for vegetable oils and other fats.

TABLE 1. - APPARENT CONSUMPTION OF CERTAIN FOODSTUFFS : AUSTRALIA - continued
(Per head per year)

	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71 p
11. BEVERAGES										
Tea	5.8	5.8	5.7	5.7	5.5	5.2	5.1	5.1	4.9	4.8
Coffee (a)	2.0	2.2	2.2	2.4	2.2	2.5	2.6	2.6	2.8	2.9
Beer	22.5	22.7	23.4	24.2	24.2	24.9	25.7	26.4	27.1	27.7
Wine	1.1	1.2	1.2	1.2	1.3	1.5	1.7	1.8	2.0	1.9
Spirits	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4

(a) Coffee and coffee products in terms of processed whole or ground pure coffee.

11. DETAILED STATISTICAL DATA SHOWING ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA, 1970-71p

	SUPPLY				UTILISATION				Apparent consumption in Australia as human food Total Per head per year	
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non-food use, waste, etc.	For processed food		
		Commercial	Self-suppliers							
1. GRAIN PRODUCTS										
Flour (incl. wheat-meal for baking and sharps)	(a) (+) 3,797 n.a.	1,292,285 n.a.	.. ..	.. 342	1,288,488 119,020	297,192 80,485	.. ..	.. 5,958	(b) 991,296 32,577	174.7 5.7
Rice (milled)	(+) 342	14,415	..	..	14,073	12,339	..	..	1,734	0.3
Breakfast foods - Oatmeal and rolled oats	(-) 623	79,896	..	275	80,794	8,252	..	..	72,542	12.8
Other (from grain)	(+) 35	1,588	..	..	1,553	120	..	..	1,433	0.3
Pearl barley	n.a.	..	..	823	823	..	..	..	823	0.1
Sago and tapioca										
2. SUGAR AND SYRUPS										
Sugar	n.a.	2,412,957	..	(c) 5,277	n.a. (d)	1,571,621	n.a.	n.a.	(e) 626,158	110.4
Syrups, honey and glucose	n.a.	n.a.	..	n.a.	n.a.	n.a.	..	..	n.a.	n.a.
3. PULSE AND NUTS										
Dried pulse	n.a.	n.a.	..	8,314	n.a.	3,737	570	..	n.a.	n.a.
Peanuts (f)	(g) (-) 6,325	(h) 24,435	..	50	30,810	2,240	..	n.a.	n.a.	n.a.
Tree nuts (f)	n.a.	1,614	..	32,141	33,755	56	..	..	33,699	(i) 5.9
Cocoa (raw beans equivalent)	n.a.	..	..	n.a.	n.a.	n.a.	..	..	n.a.	n.a.

(a) Mill stocks only. (b) Includes flour for bread making. (c) Estimated sugar content of imported foodstuffs.

(d) Includes estimated quantity of sugar in exported products. (e) In terms of refined sugar; includes sugar content of manufactured products consumed. (f) In terms of nuts in shell. (g) Stocks held by Peanut Marketing Board.

(h) Receivables by Peanut Marketing Board. (i) Kernel equivalent, 2.1 lb.

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA 1970-71 p - continued

	SUPPLY				UTILISATION				Per head per year	
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non-food use, waste, etc.	For processed food		Apparent consumption in Australia as human food
		Commercial	Self-suppliers(a)								Total
4. <u>VEGETABLES (b)</u>										lb
Potatoes -										
White	n.a.	(c) 710,173	25,000	557	735,730	12,623	(d) 47,200	..	675,907	119.1
Sweet	n.a.	7,943	..	..	7,943	..	..	..	7,943	1.4
Other root and bulb-										
Beetroot	(e) (-) 2,629	19,062	953	..	22,644	366	381	..	21,897	3.9
Carrots	(e) (-) 242	83,392	4,170	..	87,804	1,465	2,502	..	83,837	14.8
Onions	(e) (-) 213	91,440	4,572	1,264	97,489	8,861	2,743	..	85,885	15.1
Parsnips	..	11,236	562	..	11,798	184	225	..	11,389	2.0
Turnips, white and swede	..	14,664	440	..	15,104	912	293	..	13,899	2.4
Total other root and bulb vegetables	(e) (-) 3,084	219,794	10,697	1,264	234,839	11,788	6,144	..	216,907	38.2 ^o
Tomatoes	(e) (-) 19,706	173,472	17,347	2,314	212,839	955	8,674	..	203,210	35.8 ^o
Leafy and green (incl. legumes) -										
Cabbage and other greens (f)	(e) (-) 150	73,680	3,685	..	77,515	(g) 3,155	3,685	..	70,675	12.5
Lettuce	n.a.	25,695	2,570	..	28,265	(g) 720	1,799	..	25,746	4.5
Peas, fresh (h)	(i) (-) 33,210	80,005	12,001	1,339	126,555	(g) 842	6,400	..	119,313	21.0
Beans, fresh (h)	(i) (-) 3,289	33,342	5,001	782	42,414	(g) 409	1,667	..	40,338	7.1
Total leafy and green vegetables	(i) (-) 36,649	212,722	23,257	2,121	274,749	(g) 5,126	13,551	..	256,072	45.1

(a) Estimated. (b) Includes fresh equivalent of manufactured products. (c) Marketable production. (d) For use as seed. (e) Stocks of manufactured products held by factories at fresh equivalent weight. (f) Includes brussels sprouts, spinach, etc. (g) Partly estimated. (h) Includes frozen at in-pod equivalent weight. (i) Factory stocks of canned and frozen products at fresh equivalent weight.

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA, 1970-71p - continued

	SUPPLY				UTILISATION				Apparent consumption in Australia as human food	
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non-food use, waste, etc.(a)	For processed food		Total
		Commercial	Self-suppliers (a)								Per head per year
4. VEGETABLES (b)-contd										
Other vegetables -										
Cauliflowers	(c)(-)	77,550	3,878	..	81,431	(d) 1,762	5,429	..	74,240	13.1
Cucumbers (incl. gherkins)	(c)(+)	10,833	542	3,045	13,919	(d) 90	325	..	13,504	2.4
Marrows and squashes (e)	..	8,236	412	..	8,648	(d) 138	..	..	8,510	1.5
Pumpkins (e)	..	91,989	4,599	..	96,588	(d) 138	..	..	96,450	17.0
Sweet corn	(c)(-)	12,455	623	..	13,557	..	..	..	13,557	2.4
Asparagus	(c)(+)	5,194	..	520	5,633	468	..	..	5,165	0.9
<u>Total other vegetables (f)</u>	(c)(-)	206,257	10,054	10,686	227,996	(d) 2,596	5,754	..	219,646	38.7
<u>Total all vegetables</u>	(-)	1,530,361	86,355	16,942	1,694,096	33,088	81,323	..	1,579,685	278.4
5. FRUIT AND FRUIT PRODUCTS										
Oranges (b)	n.a.	317,248	15,862	187	333,297	26,663	7,931	..	298,703	52.6
Other citrus fruit(b)(g)	n.a.	60,791	3,040	17,774	81,605	3,104	..	..	78,501	13.8
Fresh fruit (excl. citrus)	(h)(-)	1,128,308	15,000	3,835	1,154,999	176,274	..	(i)417,885	560,840	98.9
Jams, conserves, etc.	(j)(+)	38,048	1,000	2,476	39,751	2,823	..	..	36,928	6.5
Dried vine fruit -										
Sultanas	(+)	80,089	..	..	69,581	54,691	..	..	(k)14,890	2.6
Raisins	(+)	4,276	..	..	3,255	184	..	..	(k) 3,071	0.5
Currants	(+)	8,427	..	..	8,360	4,214	..	..	(k) 4,146	0.7
Dried tree fruit -										
Apricots	(l)(+)	2,821	..	7	2,261	768	..	..	1,493	0.3
Prunes	(l)(+)	4,424	..	..	4,012	1,041	..	..	2,971	0.5
Other (m)	(l)(+)	919	..	3,838	4,596	869	..	..	3,727	0.7

(a) Estimated. (b) Includes fresh equivalent of manufactured products. (c) Factory stocks of manufactured products at fresh equivalent weight. (d) Partly estimated. (e) Details based on a fixed annual consumption. (f) Includes an allowance for the fresh equivalent of most other vegetables not separately specified. (g) Principally lemons, mandarins and grapefruit. (h) Cold store stocks of apples and pears. (i) For manufacture of jams, canned fruit and dried tree fruit. (j) Factory stocks only. (k) Commonwealth deliveries, year ended 30 June, as recorded by Australian Dried Fruits Association. (l) Source : Australian Dried Fruits Association. (m) Principally Australian apples, peaches and pears, and imported dates and figs.

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA, 1970-71p - continued

	SUPPLY				UTILISATION				Per head per year lb	
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non- food use, waste etc.	For pro- cessed food		Apparent consumption in Australia as human food
		Comm- ercial	Self sup- pliers								Total
- - - tons - -										
5. FRUIT AND FRUIT PRODUCTS - continued										
Canned fruit -										
Apricots	(a) (+) 4,987	28,268 (b)	150	..	23,431	6,678	..	..	16,753	3.0
Peaches	(a) (+) 20,061	95,450 (b)	150	..	75,539	56,989	..	..	18,550	3.3
Pears	(a) (+) 6,056	71,123 (b)	100	..	65,167	55,707	..	..	9,460	1.7
Other	(a) (-) 7,718	99,725 (b)	100	6,008	113,551	45,558	..	..	67,993	12.0
6. MEAT										
(i) Carcass meat -										
Beef and veal	(c) (+) 1,490	1,030,738	(d)	304	1,029,552	(e) 491,145	..	43,940	494,467	87.2
Mutton	(c) (+) 4,968	463,031	(d)	..	458,063	(e) 198,174	..	14,220	245,669	43.3
Lamb	(c) (+) 731	349,189	(d)	..	348,458	(e) 60,674	..	..	287,784	50.7
Pigmeat	(c) (-) 887	178,783	(d)	..	179,670	1,700	..	(f) 91,800	86,170 (g)	15.2
Total carcass meat	(c) (+) 6,302	2,021,741	(d)	304	2,015,743	751,693	..	149,960	1,114,090	196.4
Offal	(h) (+) 1,260	100,790	(d)	35	99,565	32,687	3,000	..	63,878	11.3
Canned meat (canned weight)	(a) (+) 1,076	52,281	..	176	51,381	20,634	..	..	30,747	5.4
Bacon & ham (cured carcass weight)	(b) (+) 29	66,181	..	..	66,152	286	..	8,066	57,800	10.2
Total meat (carcass equivalent weight)	(b) (+) 9,304	2,122,531	(a)	723	2,113,950	813,113	3,000	..	1,297,837	228.8
(ii) Poultry (dressed weight)	(+) 8,260	149,126	2,837	364	144,067	2,301	..	..	141,766	25.0
7. EGGS AND EGG PRODUCTS (i)										
In shell	(j) (+) 129	135,434	(b) 57,625	..	192,930	3,419	687	(k) 42,731	146,093 (l)	25.7
Pulp	(j) (+) 4,383	42,730	..	197	38,544	27,994	3	(m) 1,571	8,976	1.6
Powder	(j) (+) 59	1,571	..	..	1,512	694	1	..	817	0.1
Total eggs and egg products	(j) (+) 4,571	135,434	(b) 57,625	197	188,685	32,107	691	..	155,887	27.5

(a) Factory stocks only. (b) Estimated. (c) Stocks of frozen meat held by the Australian Meat Board. (d) Included with commercial production. (e) Includes carcass equivalent of boneless meat exported. (f) Mainly pigmeat used for curing. (g) Consumption as pork, including smallgoods and trimmings from baconer carcasses. (h) Stocks of frozen offal held by the Australian Meat Board and factory stocks of canned offal. (i) In terms of weight of eggs in shell. (j) Stocks held by Egg Board. (k) For pulp manufacture. (l) Equivalent to 206 eggs. (m) For powder manufacture.

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA, 1970-71p - continued

	SUPPLY				UTILISATION				Apparent consumption in Australia as human food	
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non-food use, waste, etc.	For processed food		Total
		Commercial	Self suppliers								Per head per year
8. <u>FISH</u>									lb	
Fresh and frozen -										
Fish (live weight) -										
Australian	n.a.	(a) 5,072	..	..	55,794	3,566	..	12,709	(b) 20,547	3.6
Imported	n.a.	..	52,741	..	52,741	119	..	..	(b) 26,312	4.6
Crustaceans and molluscs	n.a.	..	97	..	58,610	20,906	..	1,653	(b) 11,861	2.1
Cured (incl. salted; cured weight)	(+)	120	..	5,687	5,804	89	..	..	5,715	1.0
Canned (canned weight) -	(c)(-)	1,485	..	..	8,585	2,788	..	..	5,797	1.0
Australian	n.a.	..	..	10,833	10,833	52	..	..	10,781	1.9
Imported										
9. <u>MILK AND MILK PRODUCTS</u>										
Fluid whole milk	..	1,600	- million gallons - (d)	..	1,600	..	..	1,241	359	28.3
Cream	..	11,347	(d)	..	11,347	..	..	..	11,347	2.0
Condensed, concentrated and evaporated milk -										
Full cream -										
Sweetened	(c)(+)	1,829	..	..	14,604	4,249	..	..	10,354	1.8
Unsweetened (incl. ice cream mix)	(c)(+)	741 (e)	..	..	64,380	5,874	..	..	58,506	10.3
Skim	(c)(-)	1,093	..	..	14,122	..	..	..	14,122	2.5
Powdered milk -										
Full cream	(c)(-)	2,324	84	26,405	16,707	16,707	..	..	9,698	1.7
Skim (incl. buttermilk and mixed skim and buttermilk)	(c)(-)	2,324	..	109,290	58,831	58,831	..	..	50,459	8.9
Infants' and invalids' food	(c)(+)	3,024	3,597	24,172	14,130	14,130	..	..	10,041	1.8
Cheese	(f)(-)	4,727	5,808	86,853	35,969	35,969	..	..	(g) 50,883	9.0

(a) Estimated as 10 per cent of commercial production. (b) Edible weight. (c) Factory stocks. (d) Included with commercial production. (e) Not available for publication. (f) Balance figure. (g) Sales for consumption within Commonwealth as recorded by Commonwealth Dairy Produce Equalisation Committee Limited, plus imports, and production by manufacturers outside equalisation scheme.

TABLE 2. - ESTIMATED SUPPLY AND UTILISATION OF FOODSTUFFS : AUSTRALIA, 1970-71p - continued

	SUPPLY				UTILISATION					
	Net change in stocks	Production		Imports	TOTAL SUPPLY	Exports (incl. ships' stores)	Non-food use, waste, etc.	For processed food	Apparent consumption in Australia as human food	
		Commercial	Self-suppliers						Total	Per head per year
10. OILS AND FATS										lb
Butter	(a) (-) 6,770	200,011	..	..	206,781	(b) 91,601	..	..	(c) 115,179	20.3
Margarine - Table (d)	(e) (-) 51	15,984	..	..	16,035	171	..	..	15,864	2.8
Other (f)	(e) (+) 654	49,552	..	44	48,942	1,584	..	..	47,357	8.3
Vegetable oils and other fats	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	(g) 25,531	4.5
11. BEVERAGES										
Tea	(h) (-) 430	..	..	(i) 27,508	27,938	759	..	..	27,179	4.8
Coffee (j)	(h) (-) 99	..	..	(i) 18,220	18,319	2,131	..	..	16,188	2.9
				- '000 gallons -						gal
Beer	n.a.	356,149	..	191	356,340	4,268	(k) (-) 114	..	(l) 352,186	27.7
Wine	(m) (+) 4,833	30,195	..	526	25,888	1,447	..	..	24,441	1.9
				- '000 proof gallons -						pf gal
Spirits	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.	..	5,056	0.4

(a) Balance figure. (b) Includes dry butter fat, ghee and tropical spread expressed as butter. (c) Sales for consumption within Commonwealth as recorded by Commonwealth Dairy Produce Equalisation Committee Limited; includes butter oil for manufacturing purposes. (d) Recorded as such. No allowance is made for table margarine used for other than "table" purposes. (e) Factory stocks. (f) Recorded as margarine, other than table. No allowance is made for other margarine used for "table" purposes. (g) Primarily based on consumer survey data of 1944. (h) Stocks held by merchant importers. (i) Imports cleared for home consumption. (j) Coffee and coffee products in terms of processed whole or ground pure coffee. (k) Balance figure. (l) Quantity of beer removed (duty paid and duty free) for consumption in Australia, and imports cleared. (m) Wholesalers' stocks.

III SUPPLY, DISTRIBUTION AND APPARENT CONSUMPTION OF INDIVIDUAL COMMODITIES

3. GRAIN PRODUCTS

TABLE 3. - GRAIN PRODUCTS : PRODUCTION AND UTILISATION : AUSTRALIA

	Average	3 years ended -		1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
FLOUR (INCLUDING WHEATMEAL FOR BAKING AND SHARPS) (a)						
Net change in millers' stocks(b) '000 tons	n.a.	(+)19.5	(+) 9.9	(-)14.4	(-) 6.1	(+) 3.8
Production	1,149.0	1,430.4	1,311.4	1,248.3	1,257.0	1,292.3
<u>Total supply</u>	1,149.0	1,410.9	1,301.5	1,262.7	1,263.1	1,288.5
Exports (incl. ships' stores)	575.0	721.2	512.4	340.4	319.0	297.2
Apparent consumption (c) - Total	574.0	689.7	789.1	922.3	944.1	991.3
Per head, lb	187.1	201.9	181.5	169.7	169.9	174.7
RICE (MILLED)						
Net change in millers' stocks(b) '000 tons	n.a.	(+) 1.0	n.a.	n.a.	n.a.	n.a.
Production	28.1	32.2	n.a.	n.a.	n.a.	n.a.
<u>Total supply</u>	28.1	31.2	n.a.	138.9	140.8	119.0
Exports (incl. ships' stores)	14.3	28.2	35.8	103.7	104.5	80.5
For manufacture (incl. breakfast foods)	1.6	..	n.a.	6.1	6.0	6.0
Apparent consumption - Total	12.2	3.0	n.a.	29.1	30.2	32.6
Per head, lb	4.0	0.9	n.a.	5.4	5.4	5.7
OATMEAL AND ROLLED OATS						
Net change in factory stocks(b) '000 tons	n.a.	(-) 0.1	..	(-) 0.1	(-) 0.2	(+) 0.3
Production	17.2	27.0	16.1	15.5	13.9	14.4
<u>Total supply</u>	17.2	27.1	16.1	15.6	14.0	14.1
Exports	1.9	13.5	2.9	4.1	10.1	12.3
Apparent consumption - Total	15.3	13.6	13.2	11.5	3.9	1.7
Per head, lb	5.0	4.0	3.0	2.1	0.7	0.3
OTHER BREAKFAST FOODS FROM GRAIN						
Net change in factory stocks(b) '000 tons	n.a.	..	..	(-) 1.4	(+) 0.8	(-) 0.9
Production	17.2	44.2	47.7	75.9	76.4	79.9
<u>Total supply</u>	17.2	44.2	47.7	77.3	75.6	80.8
Exports	..	12.0	2.1	4.4	48.2	8.3
Apparent consumption - Total	17.2	32.2	45.6	72.9	71.4	72.5
Per head, lb	5.6	9.4	10.5	13.4	12.8	12.8

(a) Sharps are included for 1956-57 and subsequent years. (b) Includes allowance for imports. (c) Includes flour for bread-making. In 1968-69 total bread consumed amounted the equivalent of 790.4 million two-pound loaves, and consumption per head amounted to the equivalent of 64.9 two-pound loaves. Bread consumption figures for 1969-70 and 1970-71 are not yet available.

4. SUGAR AND SYRUPS

The estimates of sugar consumption given in this Report represent apparent consumption measured in terms of disposals of sugar by refineries and sugar content of disposals of sugar products by manufacturers. In general, the estimates do not take into account stocks in the following categories for which data are not available:

- (i) Wholesalers', retailers' and householders' stocks of sugar
- (ii) Sugar content of stocks of manufactured products held by producers, wholesalers, retailers and householders.

The consumption of sugar (excluding that consumed in manufactured products) during 1946-47, the last complete year of rationing, was 65.9 lb per head. It rose initially following the cessation of rationing but in more recent years has been relatively stable.

Table 4 includes small quantities of beet sugar for the years up to and including 1947-48, after which production ceased.

TABLE 4. - SUGAR : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Net change in stocks(a) '000 tons	(+) 6.2	(+) 2.5	(+) 3.4	n.a.	n.a.	n.a.
Production (raw) " "	(b)779.3	683.9	1,264.4	2,563.3	2,167.1	2,413.0
<u>Total supply</u> " "	773.1	681.4	1,261.0	n.a.	n.a.	n.a.
Exports (c) " "	435.3	251.6	753.3	2,058.4	1,387.9	1,571.6
Miscellaneous uses (d) " "	11.2	21.0	22.6	n.a.	n.a.	n.a.
Apparent consumption (e) " "	326.6	408.8	485.1	584.7	609.1	626.2
Per head, lb	106.5	119.7	111.6	107.6	109.6	110.4

(a) Recorded stocks of raw sugar at refineries, mills, ports and in transit, and of refined sugar (expressed as raw) at refineries, together with an allowance for movements in unrecorded stocks (obtained by balance). Includes allowances for sugar content of imported foodstuffs. (b) Average three seasons, 1936 to 1938. (c) Raw and refined, including ships' stores and sugar in exported foodstuffs. (d) Includes quantities used in golden syrup and treacle, and losses in refining. (e) In terms of refined; includes sugar content of manufactured products consumed.

5. PULSE AND NUTS

In estimating the available supplies of peanuts for the years since 1956-57 data relating to receivals of peanuts by the Peanut Marketing Board have been used, together with available information on changes in stocks held by the Board, in lieu of production data. This permits a better assessment of utilisation than previously.

The other commodities included in this group consist of edible tree nuts and cocoa (raw beans).

TABLE 5. - PULSE AND PEANUTS : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
DRIED PULSE (a)						
Net change in stocks(b) '000 tons	n.a.	(-) 3.1	(-) 0.1	n.a.	n.a.	n.a.
Imports " "	n.a.	2.1	3.3	6.2	7.0	8.3
Production " "	n.a.	12.0	13.1	n.a.	n.a.	n.a.
<u>Total supply</u> " "	n.a.	17.2	16.5	n.a.	n.a.	n.a.
Exports (incl. ships' stores) "	n.a.	8.7	4.9	1.6	0.6	3.7
Seed and waste " "	n.a.	1.1	0.5	0.6	0.6	0.6
Apparent consumption - Total "	(c) 4.5	7.4	11.1	n.a.	n.a.	n.a.
Per head, lb	(c) 1.5	2.1	2.6	n.a.	n.a.	n.a.
PEANUTS (IN SHELL)						
Net change in stocks(d) '000 tons	n.a.	(-) 0.4	(+) 3.8	(-)14.9	(+)23.4	(-) 6.3
Imports " "	4.1	..	3.9	2.4	11.9	0.1
Receivals by Peanut Marketing Board " "	(e) 7.0	(e)17.3	15.4	9.9	36.9	24.4
<u>Total supply</u> " "	11.1	17.7	15.5	27.2	25.4	30.8
Exports " "	..	0.4	..	1.7	0.2	2.2
Used for oil extraction " "	(f) 6.9	(f) 4.4	4.8	n.a.	n.a.	n.a.
Apparent consumption - Total "	4.2	12.9	10.7	n.a.	n.a.	n.a.
Per head, lb	1.4	3.8	2.5	n.a.	n.a.	n.a.

(a) Mainly blue peas, split peas and navy beans. (b) Held by the Field Peas Marketing Board of Tasmania. (c) Estimate based on 1936 Survey of household consumption.

(d) Held by Peanut Marketing Board. (e) Receivals by Peanut Marketing Board not available; figures shown relate to production. (f) Includes quantities used for seed.

6. VEGETABLES

Basic data available on the production of vegetables excludes, for the most part, home gardens, where production is generally undertaken on a non-commercial scale. In this bulletin estimates of home garden produce and the like have been added to commercial production. These data are set out in detail in commodity group 4 of Table 2.

In the following tables, all vegetables are shown in terms of fresh or fresh equivalent, that is, the statistics in effect relate to the pre-processing stage. For example, the consumption of tomatoes includes fresh tomatoes consumed plus the fresh equivalent of tomatoes consumed as tomato products (canned tomatoes, tomato juice, etc.). Stocks, imports, and exports, of processed tomatoes are converted to fresh, equivalent for this purpose

(i) Potatoes (white and sweet)

The data relating to white potatoes for the years 1946-47 to 1948-49 have been compiled from information supplied by State Potato Marketing Boards. For later years, information collected by Statisticians, plus an estimate for self-suppliers, has been used. Little information is available concerning recent trends in home growing of potatoes and the estimates of consumption shown below must therefore be regarded as approximate.

TABLE 6. - POTATOES : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
POTATOES WHITE (a)						
Net change in stocks '000 tons	n.a.	(b)(-)15.8	n.a.	n.a.	n.a.	n.a.
Imports " "	..	..	..	1.4	1.3	0.6
Production (c) " "	360.4	506.4	558.0	798.5	749.8	735.2
<u>Total supply</u> " "	360.4	522.2	558.0	799.9	751.0	735.7
Exports (incl. ships' stores) " "	4.9	25.6	7.4	16.8	18.2	12.6
Seed " "	37.0	(d)72.3	55.2	53.5	53.5	47.2
Apparent consumption - Total " "	318.5	(e)424.3	495.4	729.5	679.3	675.9
Per head, lb	103.8	(e)124.2	113.9	134.3	122.3	119.1
POTATOES, SWEET						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Production " "	7.4	5.3	6.1	7.6	7.8	7.9
<u>Total supply</u> " "	7.4	5.3	6.1	7.6	7.8	7.9
Exports " "	..	..	..	..	..	..
Apparent consumption - Total " "	7.4	5.3	6.1	7.6	7.8	7.9
Per head, lb	2.4	1.5	1.4	1.4	1.4	1.4

(a) Year ended October from 1946-47 to 1961-62. (b) Stocks in Potato Committee Store and carry-over on farms. (c) Marketable production. (d) Includes waste and quantities used for canning and dehydration. (e) Fresh potatoes only.

(ii) Other root and bulb vegetables. Details of this class as a whole are given in the following table, while details of the individual vegetables appear in Table 2 (page 6).

TABLE 7. - OTHER ROOT AND BULB VEGETABLES (a) : SUPPLY AND UTILISATION (b) : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 P
		1938-39	1948-49	1958-59			
Net change on stocks (c)	'000 tons	n.a.	n.a.	n.a.	(-)0.1	(+)0.9	(-)3.1
Imports	" "	..	..	..	1.9	1.8	1.3
Production	" "	n.a.	167.9	163.4	223.8	223.0	230.5
<u>Total supply</u>	" "	n.a.	167.9	163.4	225.8	223.9	234.8
Exports (incl. ships' stores) (d)	'000 tons	n.a.	15.3	6.1	4.7	9.1	11.8
Waste	" "	n.a.	8.9	4.5	5.9	5.9	6.1
Apparent consumption - Total	" "	n.a.	143.7	152.8	215.2	208.9	216.9
	Per head, lb	n.a.	42.1	35.1	39.6	37.6	38.2

(a) Beetroot, carrots, onions, parsnips and turnips. (b) Includes fresh equivalent of processed products. (c) Fresh equivalent of canned vegetables. (d) Partly estimated.

(iii) Tomatoes

TABLE 8. - TOMATOES : SUPPLY AND UTILISATION (a) : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 P
		1938-39	1948-49	1958-59			
Net change in stocks (b)	'000 tons	n.a.	(-)4.5	(+)3.0	(-)6.3	(+)17.7	(-)19.7
Imports	" "	..	..	4.3	0.7	2.6	2.3
Production	" "	(c)50.0	104.0	131.8	169.7	176.4	190.8
<u>Total supply</u>	" "	50.0	108.5	133.1	176.7	161.3	212.8
Exports (incl. ships' stores)	'000 tons	..	17.6	3.4	0.9	0.7	1.0
Waste	" "	2.0	4.6	5.3	7.7	8.0	8.7
Apparent consumption - Total	" "	48.0	86.3	124.4	168.1	152.5	203.2
	Per head, lb	(c)15.7	25.3	28.6	30.9	27.5	35.3

(a) Includes fresh equivalent of tomato products. (b) Stocks of tomato products held by factories at fresh equivalent weight. (c) Probably understated because of the absence of complete data.

(iv) Leafy and green vegetables (including legumes)

**TABLE 9. - LEAFY AND GREEN VEGETABLES (INCLUDING LEGUMES) : SUPPLY
AND UTILISATION (a) : AUSTRALIA**

		Average 3 years ended -			1968-69	1969-70	1970-71 p
		1938-39	1948-49	1958-59			
Net change in stocks (b)	'000 tons	n.a.	n.a.	n.a.	(+)18.7	(+)27.2	(-)36.6
Imports	" "	n.a.	..	0.2	5.5	2.9	2.1
Production	" "	n.a.	167.2	188.0	285.8	310.6	236.0
<u>Total supply</u>	" "	n.a.	167.2	188.2	272.6	286.3	274.7
Exports (incl. ships' stores)(c)							
	'000 tons	n.a.	3.1	4.0	4.6	5.9	5.1
Waste	" "	n.a.	10.1	12.1	16.9	18.6	13.6
Apparent consumption - Total	" "	n.a.	154.0	172.1	251.1	261.8	256.1
Per head, lb		n.a.	45.1	39.5	46.2	47.1	45.1

(a) Includes fresh equivalent of processed products. (b) Factory stocks of canned and frozen peas and beans. (c) Partly estimated.

**TABLE 10. - LEAFY AND GREEN VEGETABLES (INCLUDING LEGUMES) AVAILABLE FOR
CONSUMPTION PER HEAD (a) : AUSTRALIA**

(lb per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Cabbages and other greens	n.a.	24.9	16.3	13.4	12.2	12.5
Lettuces	n.a.	4.2	4.2	4.5	5.7	4.5
Peas	n.a.	10.5	12.8	20.9	22.0	21.0
Beans	n.a.	5.5	6.2	7.4	7.2	7.1
<u>Total</u>	n.a.	45.1	39.5	46.2	47.1	45.1

(a) Includes fresh equivalent of processed products.

(v) Other vegetables

This group includes cauliflowers, cucumbers, marrows and squashes, pumpkins and sweet corn. For 1965-66 and subsequent years asparagus is included and an allowance is made for the fresh equivalent of most other vegetables not separately specified.

TABLE 11. - "OTHER VEGETABLES" : SUPPLY AND UTILISATION : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 p
		1938-39	1948-49	1958-59			
Net change in stocks (a)	'000 tons	n.a.	n.a.	n.a.	(-)9.9	(-)10.2	(-)11.7
Production	" "	n.a.	172.1	188.1	202.9	232.3	216.3
<u>Total supply</u>	" "	n.a.	172.1	188.1	212.8	242.5	228.0
Exports (incl. ships' stores)(b)							
	'000 tons	n.a.	0.8	1.0	3.4	2.6	2.6
Waste	" "	n.a.	8.5	8.7	5.1	6.8	5.8
Apparent consumption - Total	" "	n.a.	162.8	178.4	204.4	233.1	219.6
Per head, lb		n.a.	47.7	41.0	37.6	42.0	38.7

(a) Includes allowance for imports. (b) Partly estimated.

TABLE 12. - "OTHER VEGETABLES" AVAILABLE FOR CONSUMPTION (a) : AUSTRALIA

(lb per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Cauliflowers	n.a.	23.7	18.9	12.2	16.0	13.4
Cucumbers (incl. gherkins)	n.a.	1.4	(b)1.3	2.1	2.2	2.4
Marrows and squashes (c)	n.a.	1.7	1.5	1.5	1.5	1.5
Pumpkins (d)	n.a.	20.0	18.1	17.0	17.0	17.0
Sweet corn	n.a.	0.9	1.2	2.4	3.5	2.4
Asparagus	n.a.	n.a.	n.a.	1.1	1.0	0.9
Total (e)	n.a.	47.7	41.0	37.6	42.0	38.7

(a) Includes fresh equivalent of processed products. (b) Estimated. (c) Estimated for 1949-50 and subsequent years. (d) Estimated for 1965-66 and subsequent years.

(e) Includes an allowance for the fresh equivalent of stocks, imports and exports of most other vegetables not separately specified.

7. FRUIT AND FRUIT PRODUCTS

As in the case of vegetables, data relating to consumption of fruit in this section contain an estimate for home producers. Commodity group 5 in Table 2 shows these estimates in relation to the recorded commercial production.

(i) Citrus fruit. The production of citrus fruit is as recorded on annual returns submitted by growers, plus an estimate of the output of self suppliers (home grown fruit, etc.).

TABLE 13. - CITRUS FRUIT : SUPPLY AND UTILISATION (a) : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 p
		1938-39	1948-49	1958-59			
ORANGES							
Net change in stocks	'000 tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Imports	" "	..	..	..	0.3	0.7	0.2
Production	" "	84.5	111.8	140.7	273.1	242.7	333.7
Total supply	" "	84.5	111.8	140.7	273.4	243.5	333.7
Exports (incl. ships' stores)	" "	12.1	12.4	11.4	29.9	20.7	26.5
Waste	" "	..	3.0	3.3	6.5	5.8	7.9
Apparent consumption - Total	" "	72.4	96.4	126.0	237.0	217.0	298.2
	Per head, lb	23.6	28.2	29.0	43.6	39.1	52.6
OTHER CITRUS FRUIT (b)							
Net change in stocks	'000 tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Imports	" "	..	..	..	2.0	23.4	17.8
Production	" "	26.5	32.8	29.4	53.6	59.0	63.8
Total supply	" "	26.5	32.8	29.4	55.5	82.4	81.6
Exports (incl. ships' stores)	" "	1.1	1.6	0.7	2.6	2.9	3.0
Waste	" "	..	0.4	0.9	..	..	..
Apparent consumption - Total	" "	25.4	30.8	27.8	52.9	79.5	78.6
	Per head, lb	8.3	9.0	6.4	9.7	14.3	13.8

(a) Includes fresh equivalent of processed products. (b) Principally lemons, mandarins and grapefruit.

(ii) Fresh fruit (excluding citrus). The data relating to apparent consumption shown below apply only to the intake of fresh fruit as such, and therefore exclude fruit used in canning, jams and other manufactures.

TABLE 14. - FRESH FRUIT (EXCLUDING CITRUS) (a) : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Net change in stocks (b) '000 tons	n.a.	n.a.	n.a.	(-) 21.3	(+) 40.1	(-)7.9
Production " "	(c)509.5	533.9	675.3	(c)1005.6	(c)1105.5	(c)1,147.1
<u>Total supply</u>	509.5	533.9	675.3	1027.0	1065.4	1,155.0
Exports (incl. ships' stores)						
'000 tons	116.6	50.7	123.0	153.1	172.1	176.3
For processed food (d) " "	104.7	185.7	210.9	338.7	439.1	417.9
Apparent consumption - Total						
'000 tons	288.2	297.5	341.4	535.0	454.2	560.8
Per head, lb	94.0	87.1	78.4	98.5	81.8	98.9

(a) Apples, pears, bananas, plums, nectarines, strawberries, etc. (b) Stocks of apples and pears held in cool stores. (c) Includes imports. (d) Jams, canned fruit and dried treefruit (all expressed as fresh fruit equivalent).

(iii) Jams

TABLE 15. - JAMS (a) : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Net change in factory stocks (b)						
'000 tons	n.a.	(+)4.9	(+)1.3	(-)0.9	(-)3.5	(-)0.7
Production " "	38.9	74.2	42.4	42.1	36.6	39.0
<u>Total supply</u> " "	38.9	69.3	41.1	42.9	40.2	39.8
Exports (incl. ships' stores)						
'000 tons	3.8	26.8	3.6	3.3	2.8	2.8
Apparent consumption - Total						
'000 tons	35.1	42.5	37.5	39.6	37.5	36.9
Per head, lb	11.4	12.4	8.6	7.3	6.7	6.5

(a) Including conserves, jam-jellies, etc. (b) Includes allowance for imports.

(iv) Dried vine fruits. Details of the production and utilisation of dried vine fruits are shown in Table 16.

TABLE 16.-DRIED VINE FRUIT SUPPLY AND UTILISATION (a) : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
SULTANAS						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	(+) 0.5	(-) 8.0	(+) 10.5
Production "	(b) 53.0	(b) 51.4	57.9	69.5	42.7	80.1
<u>Total supply</u> "	53.0	51.4	57.9	69.0	50.7	69.6
Exports (incl. ships' stores) "	42.3	35.5	49.1	55.3	39.0	54.7
For wine making (b) "	1.4	(c) 3.5	n.a.	n.a.	n.a.	n.a.
Apparent consumption - Total "	9.3	12.4	8.8	(d) 13.7	(d) 11.7	(d) 14.9
Per head, lb	3.0	3.6	2.0	2.5	2.1	2.6
RAISINS						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	(+) 1.3	(-) 0.1	(+) 1.0
Production "	(b) 6.2	(b) 5.9	6.7	7.4	4.8	4.3
<u>Total supply</u> "	6.2	5.9	6.7	6.2	4.9	3.3
Exports (inc. ships' stores) "	3.8	2.2	2.8	2.8	1.7	0.2
For wine making (b) "	..	(c) 0.7	n.a.	n.a.	n.a.	n.a.
Apparent consumption - Total "	2.4	3.0	3.9	(d) 3.4	(d) 3.2	(d) 3.1
Per head, lb	0.8	0.9	0.9	0.6	0.6	0.5
CURRENTS						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	(+) 1.5	(+) 0.6	..
Production "	21.3	17.3	11.9	8.5	7.2	8.4
<u>Total supply</u> "	21.3	17.3	11.9	7.0	6.7	8.4
Exports (incl. ships' stores) "	16.9	10.8	6.2	3.5	2.8	4.2
For wine making (b) "	0.3	(c) 0.2	n.a.	n.a.	n.a.	n.a.
Apparent consumption - Total "	4.1	6.3	5.7	(d) 3.5	(d) 3.9	(d) 4.1
Per head, lb	1.4	1.8	1.3	0.7	0.7	0.7

(a) Data for 1946-47 and subsequent years relate to year ended December of first year shown. (b) Partly estimated. (c) Includes wastage. (d) Commonwealth deliveries, year ended June, as recorded by Australian Dried Fruits Association.

TABLE 17. - DRIED VINE FRUIT AVAILABLE FOR CONSUMPTION : AUSTRALIA

(lb per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Sultanas	3.0	3.6	2.0	2.5	2.1	2.6
Raisins	0.8	0.9	0.9	0.6	0.6	0.5
Currants	1.4	1.8	1.3	0.7	0.7	0.7
Total	5.2	6.3	4.2	3.8	3.4	3.9
Fresh fruit equivalent	20.8	25.2	16.8	15.2	13.5	15.6

(v) Dried tree fruitTABLE 18. - DRIED TREE FRUIT : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
APRICOTS						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	(-) 0.1	(+) 0.2	(+) 0.6
Production "	1.5	1.1	1.3	2.8	2.1	2.8
<u>Total supply</u>	1.5	1.1	1.3	2.9	1.9	2.3
Exports (incl. ships' stores) "	0.6	0.3	0.4	1.5	1.2	0.8
Apparent consumption - Total "	0.9	0.8	0.9	1.4	0.8	1.5
Per head, lb	0.3	0.2	0.2	0.3	0.1	0.3
PRUNES						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	(+) 0.7	(+) 1.0	(+) 0.4
Production "	2.5	2.6	2.8	3.2	4.4	4.4
<u>Total supply</u>	2.5	2.6	2.8	2.5	3.3	4.0
Exports (incl. ships' stores) "	0.7	0.4	0.1	0.3	0.6	1.0
Apparent consumption - Total "	1.8	2.2	2.7	2.2	2.8	3.0
Per head, lb	0.6	0.6	0.6	0.4	0.5	0.5
OTHER DRIED TREE FRUIT (a)						
Net change in stocks '000 tons	n.a.	n.a.	n.a.	..	..	(+) 0.2
Imports "	5.5	4.5	3.7	4.6	5.3	3.8
Production "	1.3	2.2	1.3	0.8	1.1	0.9
<u>Total supply</u> "	6.8	6.7	5.0	5.5	6.3	4.6
Exports (incl. ships' stores) "	0.5	1.4	0.6	0.7	0.8	0.9
Apparent consumption - Total "	6.3	5.3	4.4	4.7	5.5	3.7
Per head, lb	2.0	1.6	1.0	0.9	1.0	0.7

(a) Principally Australian apples, peaches and pears, and imported dates and figs.

TABLE 19. - DRIED TREE FRUIT AVAILABLE FOR CONSUMPTION : AUSTRALIA
(lb per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Apricots	0.3	0.2	0.2	0.3	0.1	0.3
Prunes	0.6	0.6	0.6	0.4	0.5	0.5
Other	2.0	1.6	1.0	0.9	1.0	0.7
<u>Total</u>	2.9	2.4	1.8	1.5	1.6	1.4
Fresh fruit equivalent	11.6	9.6	7.2	6.1	6.5	5.8

(vi) Canned fruit

TABLE 20. - CANNED FRUIT : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
APRICOTS						
Net change in factory stocks '000 tons	n.a.	(-) 0.1	(+) 1.5	(-) 1.3	(-) 0.7	(+) 5.0
Production "	6.6	8.4	14.9	16.3	18.0	28.4
<u>Total supply</u> "	6.6	8.5	13.4	17.6	18.8	23.4
Exports (incl.ships' stores)"	3.7	3.2	7.2	6.9	6.0	6.7
Apparent consumption - Total	2.9	5.3	6.2	10.8	12.8	16.8
Per head, lb	0.9	1.6	1.4	2.0	2.3	3.0
PEACHES						
Net change in factory stocks '000 tons	n.a.	(-) 1.7	(+) 3.0	(-) 3.6	(-) 6.6	(+) 20.1
Production "	34.4	30.4	37.5	86.6	80.9	95.6
<u>Total supply</u> "	34.4	32.1	34.5	90.2	87.5	75.5
Exports (incl.ships' stores)"	17.2	21.3	18.9	56.5	55.7	57.0
Apparent consumption - Total "	17.2	10.8	15.6	33.7	31.8	18.6
Per head, lb	5.6	3.2	3.6	6.2	5.7	3.3
PEARS						
Net change in factory stocks '000 tons	n.a.	(-) 0.3	(+) 3.1	(-) 21.9	(+) 37.6	(+) 6.1
Production "	15.3	19.5	44.4	40.7	89.6	71.2
<u>Total supply</u> "	15.3	19.8	41.3	62.6	52.0	65.2
Exports (inc.ships' stores) "	11.4	10.9	31.2	41.1	36.7	55.7
Apparent consumption - Total "	3.9	8.9	10.1	21.5	15.3	9.5
Per head, lb	1.3	2.6	2.3	4.0	2.8	1.7
OTHER CANNED FRUIT						
Net change in factory stocks (a) '000 tons	n.a.	(+) 1.4	(+) 2.5	(+) 2.0	(+) 15.4	(-) 13.7
Production "	10.3	21.9	46.0	85.7	115.1	99.8
<u>Total supply</u> "	10.3	20.5	43.5	83.7	99.7	113.6
Exports (incl.ships' stores)"	2.4	8.2	16.0	35.5	38.2	45.6
Apparent consumption - Total "	7.9	12.3	27.5	48.2	61.5	68.0
Per head, lb	2.6	3.6	6.3	8.9	11.1	12.0

(a) Includes allowance for imports.

TABLE 21. - CANNED FRUIT AVAILABLE FOR CONSUMPTION : AUSTRALIA
(lb per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Apricots	0.9	1.6	1.4	2.0	2.3	3.0
Peaches	5.6	3.2	3.6	6.2	5.7	3.3
Pears	1.3	2.6	2.3	4.0	2.8	1.7
Other	2.6	3.6	6.3	8.9	11.1	12.0
<u>Total</u>	10.4	11.0	13.6	21.0	21.8	19.9
Fresh fruit equivalent	10.7	13.9	16.4	27.5	29.1	28.1

8. MEAT(i) Carcass meat

Owing to diverse cutting practices by butchers in Australia and because of the difficulty of clearly defining the term "retail weight of meat", it is considered impracticable to derive a satisfactory factor for the purpose of expressing estimated meat consumption in terms of retail weight. Depending on cutting practices employed and whether or not bones, etc., sold to customers are included in retail weight of meat, the retail weight as a proportion of carcass weight ranges from about 60 per cent to 75 per cent for beef, from 80 per cent to 95 per cent for mutton and lamb and from 90 per cent to 95 per cent for pork. However, estimates of the edible weight of meat consumed have been used for the purpose of calculating nutrient intake.

TABLE 22. - CARCASS MEAT (a) : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
BEEF AND VEAL						
Net change in Meat Board stocks (b)						
'000 tons	n.a.	(+) 1.5	(+) 5.1	(+) 11.8	(+) 5.1	(+) 1.0
Production	569.1	542.4	837.5	920.0	994.5	1,030.7
<u>Total supply</u>	569.1	540.9	832.4	908.2	989.4	1,029.7
Exports (incl. ships' stores) (c)						
'000 tons	120.8	101.6	209.4	379.7	481.0	491.1
For canning	18.0	66.6	84.6	33.5	34.9	43.9
Apparent consumption - Total	430.3	372.7	538.4	495.0	473.5	494.5
Per head, lb	140.3	109.1	123.8	91.1	85.2	87.2
MUTTON						
Net change in Meat Board stocks						
'000 tons	n.a.	(-) 0.5	(+) 0.4	(+) 1.7	(+) 1.4	(+) 5.0
Production	201.4	176.5	268.0	366.0	434.5	463.0
<u>Total supply</u>	201.4	177.0	267.6	364.4	433.1	458.0
Exports (c)	17.3	14.8	27.4	129.3	218.4	198.2
For canning	..	8.2	18.6	6.5	7.4	14.2
Apparent consumption - Total	184.1	154.0	221.6	228.5	207.3	245.7
Per head, lb	60.0	45.1	51.0	42.1	37.3	43.3
LAMB						
Net change in Meat Board stocks						
'000 tons	n.a.	(-) 1.5	(+) 0.1	(+) 1.0	(-) 0.6	(+) 0.7
Production	117.6	129.6	158.8	303.3	308.6	349.2
<u>Total supply</u>	117.6	131.1	158.7	302.3	309.2	348.5
Exports (c)	71.8	45.0	31.0	43.1	56.9	60.7
Apparent consumption - Total	46.0	86.1	127.7	259.3	252.2	287.8
Per head, lb	15.0	25.2	29.3	47.7	45.4	50.7
PIGMEAT						
Net change in Meat Board stocks (b)						
'000 tons	n.a.	(-) 1.2	..	(+) 0.4	(-) 0.2	(-) 0.9
Production	88.5	92.8	97.4	159.6	171.5	178.8
<u>Total supply</u>	88.5	94.0	97.4	159.2	171.7	179.1
Exports	13.7	6.3	0.8	1.2	5.1	1.7
For canning and curing	48.6	63.4	53.0	70.3	74.1	91.8
Apparent consumption (d) - Total	26.2	24.3	43.6	87.7	92.6	86.6
Per head, lb	8.5	7.1	10.1	16.1	16.7	15.2
TOTAL CARCASS MEAT						
Net change in Meat Board stocks (b)						
'000 tons	n.a.	(-) 1.7	(+) 5.6	(+) 14.9	(+) 5.6	(+) 6.0
Production	976.6	941.3	1,361.7	1,749.0	1,909.0	2,021.7
<u>Total supply</u>	976.6	943.0	1,356.1	1,734.1	1,903.4	2,015.7
Exports (incl. ships' stores) (c)						
'000 tons	223.4	167.7	268.7	553.3	761.4	751.7
For canning and curing	66.6	138.2	156.2	110.3	116.4	150.0
Apparent consumption - Total	686.6	637.1	931.3	1,070.5	1,025.6	1,114.1
Per head, lb	223.8	186.5	214.2	197.0	184.6	196.4

(a) Excludes offal. (b) Includes allowance for imports. (c) Includes carcass equivalent of boneless meat exported. (d) Pork, including smallgoods and estimates for trimmings from baconer carcasses.

TABLE 23. - PROCESSED MEAT (a) : SUPPLY AND UTILISATION : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71
		1938-39	1948-49	1958-59			p
CANNED MEAT (Canned weight)							
Net change in factory stocks (b)	'000 tons	n.a.	(-)2.8	(-)0.2	(-)0.5	(-)0.3	(+)0.9
Production	" "	12.0	49.0	72.2	42.2	44.5	52.3
<u>Total supply</u>	" "	12.0	51.8	72.4	42.7	44.8	51.4
Exports (incl. ships' stores)	'000 tons	5.5	42.8	54.5	16.0	16.5	20.6
Apparent consumption - Total	" "	6.5	9.0	17.9	26.7	28.2	30.7
Per head, lb		2.1	2.6	4.1	4.9	5.1	5.4
BACON AND HAM (Cured carcass weight)							
Net change in factory stocks	'000 tons	n.a.	..	(+)0.1	..	(+)0.3	..
Production	" "	32.5	45.1	37.1	50.6	53.6	66.2
<u>Total supply</u>	" "	32.5	45.1	37.0	50.7	53.3	66.2
Exports (incl. ships' stores)	'000 tons	1.0	3.1	0.5	0.2	0.2	0.3
For canning	" "	..	2.1	6.0	8.1	7.3	8.1
Apparent consumption - Total	" "	31.5	39.9	30.5	42.4	45.8	57.8
Per head, lb		10.2	11.7	7.1	7.8	8.3	10.2
TOTAL PROCESSED MEAT (Carcass equivalent weight)							
Net change in factory stocks (b)	'000 tons	n.a.	(-)1.6	(-)0.1	(+)0.2	(-)1.3	(+)1.4
Production	" "	66.6	138.2	156.2	110.3	116.4	150.0
<u>Total supply</u>	" "	66.6	139.8	156.3	110.1	117.7	148.6
Exports (incl. ships' stores)	" "	9.0	70.3	83.2	18.3	19.2	28.7
Apparent consumption - Total	" "	57.6	69.5	73.1	91.8	98.4	119.9
Per head, lb		18.7	20.3	16.8	16.9	17.7	21.1

(a) Excluding offal. (b) Includes allowance for imports.

TABLE 24. - TOTAL MEAT (EXCLUDING OFFAL) : SUPPLY AND UTILISATION : AUSTRALIA
(Carcass equivalent weight)

		Average 3 years ended -			1968-69	1969-70	1970-71
		1938-39	1948-49	1958-59			p
Net change in stocks (a)	'000 tons	n.a.	(-)3.3	(+)5.5	(+)15.1	(+)4.3	(+)7.4
Production	" "	976.6	941.3	1,361.7	1,749.0	1,909.0	2,021.7
<u>Total supply</u>	" "	976.6	944.6	1,356.2	1,733.9	1,904.7	2,014.4
Exports (incl. ships' stores) (b)	'000 tons	232.4	238.0	351.8	571.6	780.7	780.4
Apparent consumption - Total	" "	744.2	706.6	1,004.4	1,162.3	1,124.0	1,234.0
Per head, lb		242.5	206.8	231.0	213.9	202.3	217.5

(a) Includes allowance for imports. (b) Includes carcass equivalent of boneless meat exported.

(ii) Poultry

In 1964-65 a collection of poultry slaughterings was commenced in all States of Australia, and estimates of poultry consumption from that year have been based on this collection. Corresponding information is not available for earlier years, and the publication of consumption estimates for those years have been discontinued.

TABLE 25. - POULTRY : SUPPLY AND UTILISATION : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 P
		1938-39	1948-49	1958-59			
Net change on stocks	'000 tons	n.a.	n.a.	n.a.	(+)1.5	(-)5.4	(+)8.3
Imports	" "	n.a.	n.a.	n.a.	0.2	0.1	0.4
Production	" "	n.a.	n.a.	n.a.	110.2	124.7	152.0
<u>Total supply</u>	" "	n.a.	n.a.	n.a.	108.9	130.2	144.1
Exports (incl. ships' stores)	'000 tons	n.a.	n.a.	n.a.	1.2	1.6	2.3
Apparent consumption - Total	'000 tons	n.a.	n.a.	n.a.	107.7	128.6	141.8
Per head, lb		n.a.	n.a.	n.a.	19.8	23.1	25.0

9. EGGS AND EGG PRODUCTS

The production of eggs shown in the following table is based on Egg Boards' records of output from areas under their control, plus estimates of production for uncontrolled areas and for "back-yard" poultry-keepers based on information obtained from other sources. Because of the inadequacy of data as to the volume of uncontrolled production, the figures should be used with some reserve.

Advances in poultry technology have resulted in a gradual increase in the average weight of eggs produced. For statistical purposes, the average weight of an egg was increased in 1960-61 from 1.75 oz to 2.0 oz in the following and other relevant tables, thus affecting comparability between the years from 1960-61 onwards and previous years. Although the increase in average weight actually occurred over a period of years, no adjustment has been made to 1959-60 and earlier years.

It is estimated that the level of total egg production in 1970-71 was about 288 million dozen compared with 272 million dozen in 1969-70.

Details from 1965-66 onwards may not be strictly comparable with those for earlier years because of the effects of legislation introduced in July 1965 for the stabilisation of the egg industry.

TABLE 26. - EGGS AND EGG PRODUCTS : SUPPLY AND UTILISATION : AUSTRALIA
(In terms of eggs in shell)

		Average 3 years ended -			1968-69	1969-70	1970-71
		1938-39	1948-49	1958-59	(a)	(a)	(a) p
EGGS IN SHELL							
Net change in Egg Board stocks	'000 tons	n.a.	(+) 0.1	..	(-) 0.1	..	(+) 0.1
Production (b)	" "	89.5	119.9	111.2	172.4	182.4	193.1
<u>Total supply</u>	" "	89.5	119.8	111.2	172.5	182.4	192.9
Exports (incl. ships' stores)	" "	7.6	10.4	5.6	5.1	3.4	3.4
For pulp and powder and waste	" "	3.2	22.9	13.5	27.5	35.9	43.4
Apparent consumption - Total	" "	78.7	86.5	92.1	139.9	143.0	146.1
Per head,	lb	25.7	25.4	21.2	25.7	25.7	25.7
	number	235	232	194	206	206	206
EGG PULP							
Net change in Egg Board stocks	'000 tons	n.a.	(-) 1.4	..	(-) 1.1	(-) 0.2	(+) 4.2
Production	" "	3.2	20.0	13.1	27.0	35.4	42.7
<u>Total supply</u>	" "	-3.2	-21.4	13.1	28.1	35.6	38.5
Exports	" "	0.3	12.0	7.2	18.4	25.3	28.0
Used for powder	" "	..	0.8	0.2	0.8	1.2	1.6
Apparent consumption - Total	" "	2.9	8.6	5.7	8.9	9.1	9.0
Per head,	lb	0.9	2.5	1.3	1.6	1.6	1.6
Equivalent number of eggs		8	23	12	13	13	13
EGG POWDER							
Net change in Egg Board stocks	'000 tons	..	(-) 1.2	..	(-) 0.1	(+) 0.2	(+) 0.1
Production	" "	..	3.2	0.2	0.8	1.2	1.6
<u>Total supply</u>	" "	..	4.4	0.2	0.8	1.0	1.5
Exports	" "	..	4.4	..	..	0.2	0.7
Apparent consumption - Total	" "	..	..	0.2	0.8	0.8	0.8
Per head,	lb	..	..	..	0.1	0.1	0.1
Equivalent number of eggs		..	..	..	1	1	1
TOTAL EGGS AND EGG PRODUCTS							
Net change in Egg Board stocks	'000 tons	n.a.	(-) 2.5	..	(-) 1.3	(-) 0.1	(+) 4.4
Production (b)	" "	89.5	119.9	111.2	172.4	182.4	193.1
<u>Total supply</u>	" "	89.5	122.4	111.2	173.6	182.5	188.7
Exports (incl. ships' stores)	" "	7.9	26.8	12.8	23.5	29.0	32.1
Wastage	" "	..	0.5	0.4	0.5	0.5	0.7
Apparent consumption - Total	" "	81.6	95.1	98.0	149.7	152.9	155.9
Per head,	lb	26.6	27.9	22.5	27.5	27.5	27.5
Equivalent number of eggs		243	255	206	220	220	220

- (a) See note on average egg weight at beginning of Section 9, Eggs and egg products.
 (b) Includes estimates for uncontrolled commercial production and production by self-suppliers.

10. FISH

The commercial production of fresh fish during 1970-71 was 113.6 million lb (live weight) compared with 122.6 million lb for 1969-70 and 108.1 million lb for 1968-69. Production of crustaceans and molluscs increased to 131.1 million lb in 1970-71 compared with 104.2 million lb in 1969-70 and 94.2 million lb in 1968-69.

For the purpose of estimating supplies of fish available for consumption, in this bulletin, an allowance of 10 per cent of commercial production has been made for the non-commercial catch of fish. No such allowances have been made for crustaceans or molluscs as it is considered that the non-commercial take is not significant.

TABLE 27. - FISH (a) : SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
Net change in stocks '000 tons	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Imports " "	2.5	2.9	9.0	20.7	19.8	26.4
Production " "	16.0	18.5	18.2	26.6	30.0	27.9
<u>Total supply</u> " "	18.5	21.4	27.2	47.2	49.7	54.3
Exports (incl. ships' stores) '000 tons	0.3	0.5	0.7	0.5	0.8	1.8
Processing " "	0.1	3.3	3.7	7.3	7.4	5.6
Apparent consumption - Total " "	18.1	17.6	22.8	39.4	41.6	46.9
Per head, lb	5.9	5.2	5.2	7.2	7.5	8.3

(a) Edible weight

11. MILK AND MILK PRODUCTS (excluding Butter)

TABLE 28. - WHOLE MILK : PRODUCTION AND UTILISATION : AUSTRALIA
('000 gallons)

Year	Total whole milk production	Quantity used for -			
		Butter (factory and farm)	Cheese (factory and farm)	Processed milk products	Other purposes
Average 1936-37 to 1938-39	1,141,776	891,755	54,933	33,226	161,862
Average 1946-47 to 1948-49	1,153,236	738,370	91,642	78,739	244,485
Average 1956-57 to 1958-59	1,330,853	865,347	90,561	79,687	295,258
1968-69	1,530,597	(a)908,565	(a)158,286	98,945	364,802
1969-70	1,661,013	(a)1,021,105	(a)160,597	103,557	375,755
1970-71	1,600,153	(a) 924,338	(a)162,966	128,259	384,590

(a) Excludes farm production, which is included in "Other Purposes".

The apparent consumption of fluid milk per head of population has shown little variation during recent years. When expressed in terms of milk solids, total consumption of milk and milk products in 1970-71 amounted to 57.3 lb per head. Of this 35.9 lb per head was derived from fluid milk consumed, 5.8 lb from cheese, 8.4 lb from powdered skim milk, 2.9 lb from unsweetened condensed, concentrated and evaporated full cream milk, 1.6 lb from powdered full cream milk and 2.7 lb from other milk products.

TABLE 29. - FLUID WHOLE MILK : SUPPLY AND UTILISATION : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 p
		1938-39	1948-49	1958-59			
Net change in stocks	mil. gal	..	..	..	..	..	..
Production	" "	1,142	1,153	1,331	1,531	1,661	1,600
<u>Total supply</u>	" "	1,142	1,153	1,331	1,531	1,661	1,600
Exports (incl. ships' stores)	" "	..	..	..	..	..	..
Miscellaneous uses (a)	" "	981	920	1,055	1,190	1,310	1,241
Apparent consumption (b) - Total	mil. gal	161	233	276	340	351	359
Per head,	gal	23.4	30.5	28.3	28.0	28.2	28.3

(a) Used in the manufacture of butter, cheese and preserved milk products and consumed as cream. (b) Includes small quantities of milk used for miscellaneous manufacturing purposes.

TABLE 30. - MILK PRODUCTS (EXCLUDING BUTTER) : SUPPLY AND UTILISATION : AUSTRALIA

(NOTE. Butter is included in Section 12. - Oils and fats)

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
CONDENSED, CONCENTRATED AND EVAPORATED MILK (a)						
Net change in Factory stocks (b)						
'000 tons	n.a.	(-)1.1	(+)0.2	(+)0.6	(-)0.9	(+)2.6
Production	21.7	56.9	71.2	73.8	73.6	95.7
<u>Total supply</u>	21.7	58.0	71.0	73.2	74.5	93.1
Exports (incl. ships' stores)						
'000 tons	8.5	32.4	26.4	10.9	11.2	10.1
Apparent consumption - Total						
'000 tons	13.2	25.6	44.6	62.3	63.3	83.0
Per head, lb	4.3	7.5	10.3	11.5	11.4	14.6
POWDERED MILK (c)						
Net change in factory stocks (b)						
'000 tons	n.a.	(-)0.2	(+)0.6	(-)9.1	(-)2.9	(-)3.5
Production	9.5	21.4	48.1	109.3	134.6	132.2
<u>Total supply</u>	9.5	21.6	47.5	118.4	137.4	135.7
Exports (incl. ships' stores)						
'000 tons	1.4	8.7	25.8	54.4	73.3	75.5
Apparent consumption - Total						
'000 tons	8.1	12.9	21.7	63.9	64.1	60.2
Per head, lb	2.6	3.8	5.0	11.8	11.5	10.6
INFANTS' AND INVALIDS' FOOD (d)						
Net change in factory stocks (b)						
'000 tons	n.a.	(-)0.2	(-)1.5	(-)3.4	(-)2.3	(-)0.6
Production	3.2	9.3	13.9	24.3	25.3	23.6
<u>Total supply</u>	3.2	9.5	15.4	27.7	27.6	24.2
Exports (incl. ships' stores)						
" "	0.2	5.2	6.0	13.0	13.2	14.1
Apparent consumption - Total						
'000 tons	3.0	4.3	9.4	14.7	14.3	10.0
Per head, lb	1.0	1.3	2.2	2.7	2.6	1.8
CHEESE						
Net change in factory stocks (b)(e)						
'000 tons	n.a.	(-)0.8	(+)2.8	(+)5.5	(-)10.2	(-)12.3
Production	24.9	42.3	41.6	73.6	74.9	76.3
<u>Total supply</u>	24.9	43.1	38.8	68.1	85.2	88.7
Exports (incl. ships' stores)						
'000 tons	11.5	24.3	13.8	25.2	40.3	37.8
Apparent consumption - Total						
'000 tons	13.4	18.8	25.0	42.8	44.9	50.9
Per head, lb	4.4	5.5	5.7	7.9	8.1	9.0

(a) Includes condensed, concentrated and evaporated skim for 1956-57 and later years and ice cream mix for years subsequent to 1965-66. (b) Includes allowance for imports.

(c) Excludes buttermilk and mixed skim and buttermilk for years prior to 1965-66.

(d) Includes malted milk and milk sugar (lactose). (e) Balance figure for 1946-47 and subsequent years.

12. OILS AND FATS (including butter)

In assessing consumption of all oils and fats no allowance is made in the following tables for fats consumed in association with carcass meat. The quantities of carcass meat given in Section 8, Meat, commencing on page 22, include fats which remain in the carcass after slaughtering and which may or may not be subsequently removed for boiling down, etc., prior to retailing of the meat. As a result, some small duplication exists between fats reported as part of the carcass weight of meat and the oils and fats shown in this section. No duplication occurs for fats removed from the carcass at the slaughtering stage.

Following the termination of butter rationing in June 1950, consumption of butter increased sharply to 30.9 lb per head in 1950-51. It reached a post-war maximum of 31.2 lb per head in 1951-52, but has since shown an almost continuous decline.

TABLE 31. - BUTTER AND MARGARINE : SUPPLY AND UTILISATION : AUSTRALIA

		Average 3 years ended -			1968-69	1969-70	1970-71 p
		1938-39	1948-49	1958-59			
BUTTER (a)							
Net change in stocks (b)	'000 tons	n.a.	(-)3.6	(-)0.6	(+)5.1	(+)5.8	(-)6.8
Production	" "	190.8	157.1	187.4	196.1	220.6	200.0
<u>Total supply</u>	" "	190.8	160.7	188.0	191.0	214.8	206.8
Exports (incl. ships' stores)	'000 tons	89.4	76.0	69.6	76.2	100.9	91.6
Apparent consumption - Total	'000 tons	101.4	84.7	118.4	114.8	113.9	115.2
Per head, lb		32.9	24.8	27.2	21.1	20.5	20.3

MARGARINE - TABLE (c)

Net change in stocks	'000 tons	n.a.	(-)0.6	n.a.	(-)0.3	(+)0.1	..
Production	" "	2.8	6.4	n.a.	16.0	16.4	16.0
<u>Total supply</u>	" "	2.8	7.0	n.a.	16.3	16.3	16.0
Exports	" "	..	4.0	n.a.	0.1	0.1	0.2
Apparent consumption - Total	" "	2.8	3.0	n.a.	16.2	16.2	15.9
Per head, lb		0.9	0.9	n.a.	3.0	2.9	2.8

MARGARINE - OTHER (d)

Net change in stocks	'000 tons	n.a.	..	(+)0.2	(+)0.2	(-)0.2	(+)0.6
Production	" "	12.2	18.9	21.6	44.9	47.5	49.6
<u>Total supply</u>	" "	12.2	18.9	21.4	44.7	47.7	48.9
Exports	" "	..	0.2	0.2	0.3	0.9	1.6
Apparent consumption - Total	" "	12.2	18.7	21.2	44.5	46.7	47.4
Per head, lb		4.0	5.2	4.9	8.2	8.4	8.3

(a) Includes dry butter fat, ghee and tropical spread expressed as butter. (b) Balance figure for 1946-47 and subsequent years. (c) Recorded as such. No allowance is made for table margarine used for other than "table" purposes. (d) Recorded as margarine, other than table. No allowance is made for other margarine use for "table" purposes.

13. BEVERAGES

TABLE 32. - BEER AND WINE SUPPLY AND UTILISATION : AUSTRALIA

	Average 3 years ended -			1968-69	1969-70	1970-71 p
	1938-39	1948-49	1958-59			
BEER						
Net change in stocks						
'000 gal	(a)	(a)	(a)	(a)	(a)	(a)
Production	83,467	133,553	228,105	(b)326,425	(b)341,596	(b)356,149
Imports	126	258	45	100	130	191
<u>Total supply</u>	83,593	133,811	228,150	326,525	341,726	356,340
Exports (incl. ships' stores)	553	719	1,988	3,074	3,502	4,268
Miscellaneous uses (c)	2,963	3,619	5,179	1,696	1,160	(-) 114
Apparent consumption -						
Total (d)	80,077	129,473	220,983	321,756	337,065	352,186
Per head, gal	11.7	16.9	22.7	26.4	27.1	27.7

WINE						
Net change in stocks						
'000 gal	(e)(+) 328	(e)(+)1,887	(f)(+)1,158	(f)(+)4,633	(f)(+)8,298	(f)(+)4,833
Production	8,442	14,134	15,247	28,019	33,550	30,195
Imports	42	22	46	455	429	526
<u>Total supply</u>	8,156	12,269	14,135	23,841	25,681	25,888
Exports (incl. ships' stores)	3,911	2,439	1,698	1,804	1,296	1,447
Miscellaneous uses (g)	n.a.	n.a.	1,302	..	..	..
Apparent consumption -						
Total	4,245	9,830	11,135	22,037	24,385	24,441
Per head, gal	0.6	1.3	1.1	1.8	2.0	1.9

(a) Not available - see footnote (c). (b) Excludes waste. (c) Balance figure; includes waste beer and allowance for net change in brewery stocks. (d) Quantity of beer removed (duty paid and duty free) for consumption in Australia, and imports cleared. (e) Movement in stocks of Australian fortified wine in bond. (f) Movement in stocks held by winemakers, importers and wholesalers. (g) Balance figure; includes waste and allowance for net change in unrecorded stocks.

TABLE 33. - TEA, COFFEE, BEER, WINE AND SPIRITS AVAILABLE FOR CONSUMPTION : AUSTRALIA
(Per head per year)

	Average 3 years ended -			1968-69	1969-70	1970-71 p	
	1938-39	1948-49	1958-59				
Tea	lb	6.9	6.5	6.0	5.1	4.9	4.8
Coffee (a)	"	0.6	1.0	1.3	2.6	2.8	2.9
Beer	gallons	11.7	16.9	22.7	26.4	27.1	27.7
Wine	"	0.6	1.3	1.1	1.8	2.0	1.9
Spirits	proof gallons	0.2	0.3	0.3	0.4	0.4	0.4

(a) Coffee and coffee products in terms of processed whole or ground pure coffee.

IV. LEVEL OF NUTRIENT INTAKE, 1970-71

14. GENERAL

In order to determine whether the quantities of the various foodstuffs passing into consumption are likely to be sufficient for adequate nutrition, it is necessary to calculate the amount of nutrients the foods provide.

The analysis in these sections is based on the statistics collected by the Commonwealth Statistician as set out elsewhere in this bulletin and is therefore subject to the same qualifications. See the Explanatory Notes for a statement of these qualifications.

The basis for the calculations of estimated supplies of nutrients passing into consumption in Australia (section 15 following) was changed after Bulletin No. 23 (1967-68) and is now based on conversion factors calculated from "Tables of Consumption of Australian Foods" (Suey Thomas and Margaret Corden, Canberra, 1970). The previously used Tables, compiled by Anita Osmond and Winifred Wilson, 1954, have been revised and considerably enlarged and nutrient values for almost all food items altered in the light of improved analysis techniques. Whilst comparison with figures published for previous years is no longer entirely valid, the differences in conversion factors are not so great as to negate the value of all such comparisons. The level of nutrient intake 1967-68 has been recalculated using the new conversion factors and any comments on changes in apparent availability of nutrients over the previous year have been made using this recalculation.

Following a recommendation of the joint FAO.WHO Expert Group which reported on the "Requirements of Vitamin A, Thiamine, Riboflavin and Niacin" (FAO Rome) 1967 the total vitamin A of the diet (sections 15 and 17) is now stated as microgrammes of retinol (vitamin A, alcohol) activity. Strict comparisons between retinol activity values published since then cannot be made with vitamin A activity values of years prior to 1968-69, since the values given for individual food items vary considerably in the reference food composition tables (1970 and 1954).

15. NUTRIENTS AVAILABLE FOR CONSUMPTION

Details of the estimated supplies of nutrients passing into consumption during the year 1970-71 are shown in Table 37, page 35. Data for previous years and for other countries are given in Tables 38 and 39 respectively, pages 36 to 38.

Losses due to processing have been allowed for in Tables 37, 38 and 39 by way of an adjustment to the conversion factors used for processed and preserved foods. No allowances have been made for losses of nutrients due to the effect of storage and cooking; losses of vitamin C are referred to in Section 16 following and of vitamins B1 and C in Section 12, page 32.

16. LOSS OF VITAMIN C IN COOKING

As a result of storage and cooking, certain foods, particularly fruit and vegetables, lose some of their nutritive value. Estimates of possible loss of vitamin C (ascorbic acid) in cooking are set out in Tables 34 and 35, page 32. Losses in cooking of other nutrients do occur but (except for vitamin B1, referred to in Section 17, page 32) not in amounts likely to be significant. Losses due to storage have not been estimated.

Losses of vitamin C cover a wide range, from almost nil to 100 per cent. The estimates given in Tables 34 and 35 are applicable to average conditions and methods, but losses could be reduced to less than these figures by careful cooking.

Losses from tomatoes, citrus fruit and other uncooked fruits and vegetables are assumed to be negligible, while (as mentioned in Section 15 above) losses in canning and drying of fruit and vegetables have been accounted for in the calculations made for the figures in Tables 37.

TABLE 34. - AVERAGE LOSS OF VITAMIN C IN COOKING

Food	Estimated average loss of vitamin C in cooking
Leafy, green vegetables	60%
Potatoes	50% (Cooked in skin, negligible loss) (Boiled and mashed, 60% or more)
Other vegetables	50%
Stewed fruit	50%

TABLE 35. - ESTIMATED VITAMIN C AVAILABLE AFTER ALLOWANCE FOR COOKINGLOSSES, 1970-71

(Milligrammes per head per day)

Food	Calculated value (See Table 7)	Amount available
Milk	7.6	(a)
Meat	2.5	(a)
Fruit and fruit products -		
Fresh and canned	7.7	7.7
Cooked	2.7	1.4
Citrus	29.7	29.7
Vegetables -		
Tomatoes	9.3	9.3
Lettuce	0.5	0.5
Canned vegetables	1.0	1.0
Potatoes and other vegetables	41.2	20.6
<u>TOTAL</u>	102.2	70.2

(a) Little vitamin C would be retained in these foods.

17. DIETARY ALLOWANCES

The nutritive value of the food passing into consumption may be compared with some arbitrary standard such as the Dietary Allowances for use in Australia (1970 Revision), formulated by the Nutrition Committee of the National Health and Medical Research Council. This comparison has been made in Table 36 where the quantity of nutrients available for consumption in the Australian diet in 1970-71 (as shown in Table 37), less estimated cooking losses, is compared with desirable quantities recommended by the Council. When using this table, note should be taken of the reservations set out on page 33.

TABLE 36. - NUTRIENTS AVAILABLE FOR CONSUMPTION IN AUSTRALIA, 1970-71

COMPARED WITH DIETARY ALLOWANCES

(Per head per day)

Nutrient	Dietary allowance (a)	Nutrients available less estimated cooking losses (b) p
Protein (grammes)	54.00	100.60
Calcium (milligrammes)	445.00	986.00
Vitamin A (retinol activity) (microgrammes) (c)	658.00	1,555.00
Vitamin B1 (thiamine) (milligrammes)	0.83	1.45
Riboflavin (milligrammes)	1.06	2.80
Niacin equivalents (milligrammes) (d)	13.40	37.80
Vitamin C (ascorbic acid) (milligrammes)	32.00	70.20
Iron (milligrammes)	10.50	15.1
Energy value (kilocalories)	2,107.00	3,352.00

(a) Source : National Health and Medical Research Council, May 1970. (b) Losses have been estimated for vitamins B1 and C only; losses of other nutrients are not likely to be significant. (c) The total vitamin A is the sum of the retinol content and one-sixth of the β carotene equivalent value. (d) The niacin equivalent of a diet is computed from dietary niacin plus 0.16 times the dietary protein in grammes, expressed in milligrammes.

The allowances shown in Table 36 are averages, weighted according to the various age groups in the population. Comparison such as that set out in the table is useful as an indication of trends in food consumption, although it must be emphasised that these allowances do not necessarily represent nutrient requirements; rather were they devised for the planning of practical diets within the average Australian food pattern. Precise information concerning human requirements of certain nutrients is far from complete, and no conclusion regarding the nutritional status of the community should be drawn from comparisons with these allowances. A deviation from the allowances of the order of 10-15 per cent is not regarded as a serious deficiency. Even if the nutrient intake is more than 15 per cent below the allowance, a nutritional deficiency cannot be assumed without clinical verification.

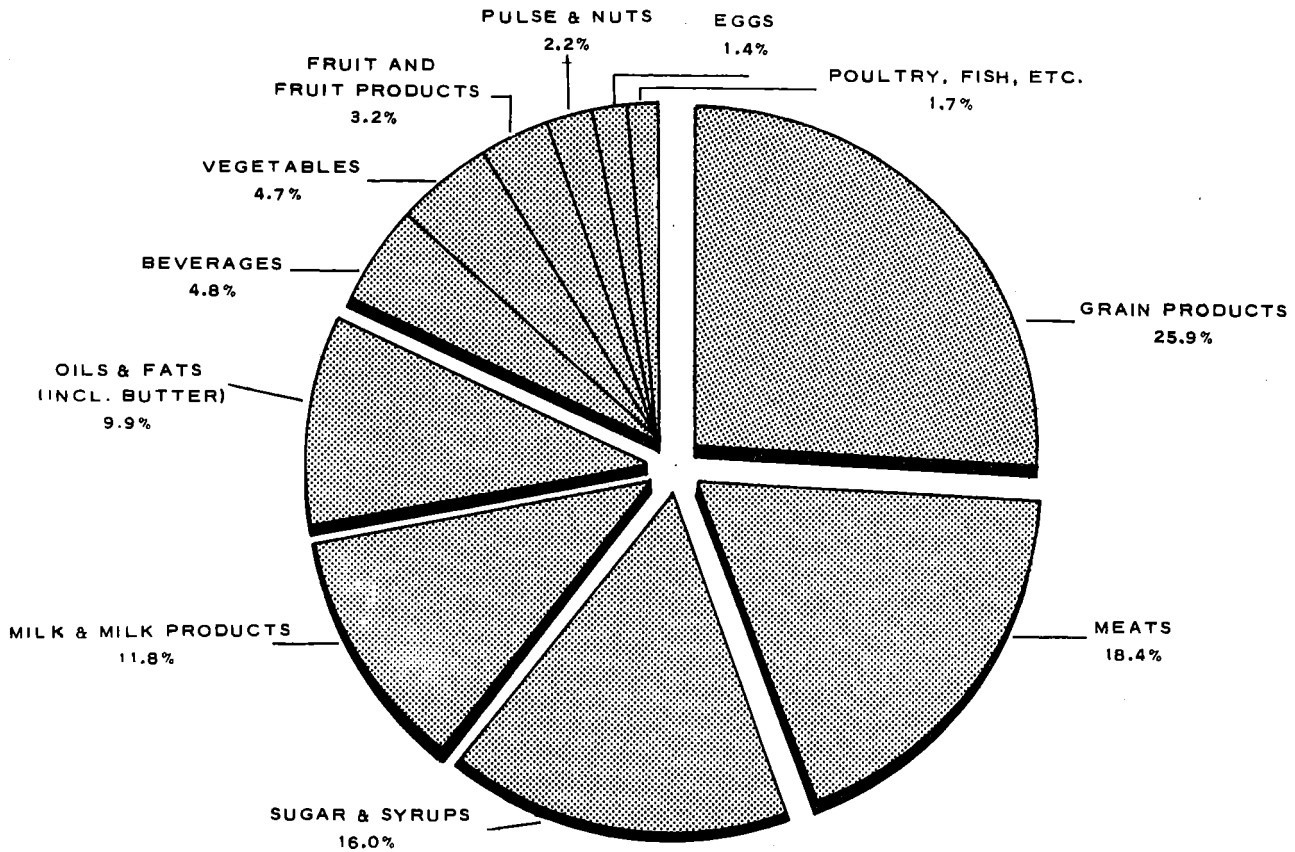
The calculated figures, being averages, give no information regarding the food consumption of individuals or of specific groups within the population. Also the figures represent food available for consumption, which is not the same as foods consumed. The Food and Agriculture Organisation of the United Nations estimates that in communities with a plentiful food supply up to 15 per cent of the food available may be wasted.

There is a significant loss of vitamin B1 in the cooking of meat and vegetables, the amount of loss depending on the method and duration of cooking. In a normal mixed diet it is accurate enough to allow 15 per cent deduction from the total vitamin B1 available, and such an allowance has been made in Table 36. Allowance has also been made in Table 36 for vitamin C losses as set out in Section 16.

The supply of all nutrients available per head for consumption in 1970-71 compares favourably with the dietary allowances.

Nutrients apparently available during 1970-71 vary little from amounts available during the previous year. Slight increases in ascorbic acid, niacin and iron can mostly be attributed to an apparent increase in the consumption of oranges and other fresh fruit.

SOURCE OF NUTRIENTS IN THE AUSTRALIAN DIET, 1970-71
(By Type of Food)



NUTRIENTS AVAILABLE FOR CONSUMPTION IN AUSTRALIA IN 1970-71
Expressed as percentages in excess of dietary allowances of nutrients

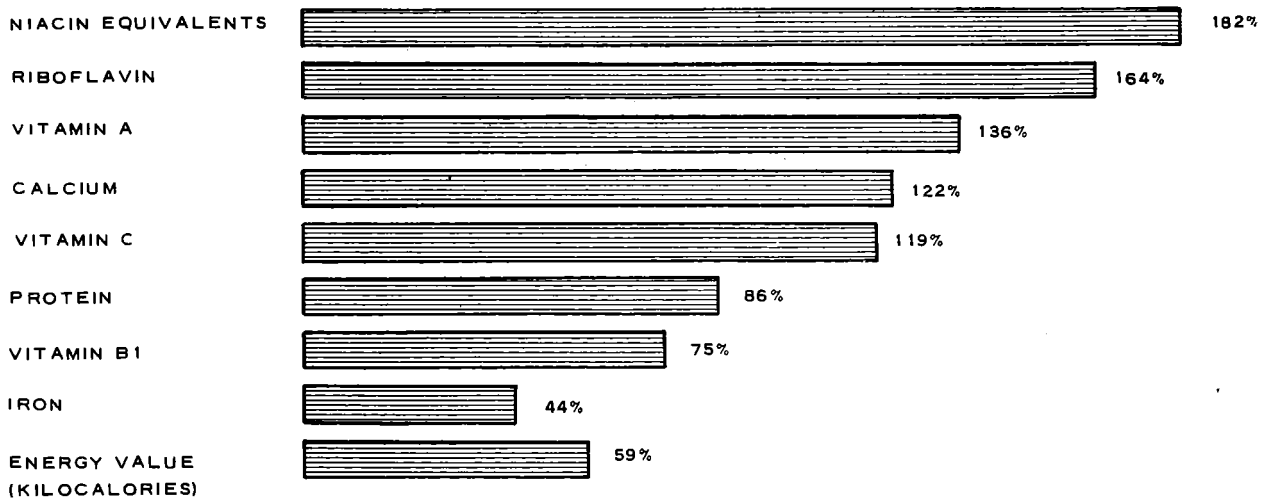


TABLE 37. - ESTIMATED SUPPLY OF NUTRIENTS AVAILABLE FOR CONSUMPTION : AUSTRALIA, 1970-71^p

(per head per day)

Commodity group	Protein	Fat	Carbo- hydrate	Calcium	Iron	Vitamin A (Retinol Activity) (a)	Vitamin C (ascorbic acid)	Vitamin B1 (thiamine)	Ribo- flavin	Niacin	Energy
	g	g	g	mg	mg	mg	mg	mg	mg	mg	Kilo- calories
1. Milk and milk products (excluding butter)	19.3	21.3	27.1	762.6	0.6	231.3	7.6	0.2	1.0	0.6	394.8
2. Meat (including canned and cured) and edible offal	33.2	51.0	0.6	20.8	4.9	433.6	2.5	0.4	0.6	9.5	616.7
3. Poultry, fish, rabbits and hares	9.2	2.5	..	11.9	0.7	14.7	..	..	0.1	2.5	57.3
4. Eggs and egg products	3.8	3.5	0.2	16.3	0.7	85.2	..	..	0.1	..	48.1
5. Oils and fats (including butter)	0.2	37.2	0.3	6.8	..	332.7	..	..	..	..	332.2
6. Sugar and syrups	..	..	137.1	3.4	0.1	..	..	..	..	0.5	535.1
7. Pulse and nuts	2.5	5.6	4.1	8.6	0.8	0.9	0.1	0.1	..	0.8	74.9
8. Vegetables	5.1	0.2	35.9	54.5	2.0	395.1	52.0	0.3	0.1	2.4	156.0
9. Fruit and fruit products	1.2	..	27.5	37.6	0.9	60.0	40.1	0.1	0.1	0.7	106.5
10. Grain products	26.0	0.6	180.1	48.3	4.3	1.4	..	0.6	0.3	4.2	868.8
11. Beverages (tea, coffee, beer, wine and spirits)	1.1	..	..	15.7	0.1	..	..	..	0.5	0.5	161.5
TOTAL	100.6	121.9	412.9	986.5	15.1	1,554.9	102.3	1.7	2.8	21.7	3,351.9

(a) The total "Retinol activity" is the sum of the Retinol content and one-sixth of the β carotene equivalent value.

TABLE 38. - ESTIMATED SUPPLY OF NUTRIENTS AVAILABLE FOR CONSUMPTION : AUSTRALIA

(Per head per day)

Nutrient	Average 3 years ended -			1968-69 (a)	1969-70p (a)	1970-71 (a)
	1938-39	1948-49	1958-59			
Protein - Animal	58.7	57.4	59.6	61.5	64.7	64.7
Vegetable	30.9	35.3	32.3	40.3	35.6	35.9
Total	89.6	92.7	91.9	101.8	100.3	100.6
Fat from all sources	133.5	121.7	131.7	125.4	122.6	121.9
Carbohydrate	377.4	424.8	416.7	419.2	412.7	412.9
Calcium	642	785	817	985	980	986
Iron	15.4	15.1	14.0	15.1	14.8	15.1
Vitamin A activity	4,905	4,630	4,568	(b)1,557	(b)1,548	(b)1,555
Vitamin C (ascorbic acid)	86	96	89	98	92	102
Vitamin B1 (thiamine)	1.4	1.5	1.3	1.7	1.6	1.7
Riboflavin	1.7	1.9	1.8	2.8	2.9	2.8
Niacin	18.7	17.6	18.6	20.9	20.1	21.7
Energy value	3,117	3,245	3,297	3,364	3,264	3,352

(a) 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". See page 31, section 14, para. 3. (b) Microgrammes. See page 31, section 14, para. 4.

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

TABLE 39. - INTERNATIONAL COMPARISON OF ESTIMATED SUPPLY OF NUTRIENTS AVAILABLE FOR CONSUMPTION

(Per head per day)

NOTE. Owing to differences in the bases of calculating consumption and the use of different nutrient conversion factors, figures for the countries shown are not strictly comparable.

Nutrient	AUSTRALIA				UNITED KINGDOM (a)			
	Average 1936-37 to 1938-39	Average 1946-47 to 1948-49	Average 1956-57 to 1958-59	1970-71p (b)	Average 1934 to 1938	Average 1947 to 1949	Average 1957 to 1959	1970 P
Protein -								
Animal	58.7	57.4	59.6	64.7	43.5	43.5	49.9	52.0
Vegetable	30.9	35.3	32.3	35.9	36.8	45.8	34.4	33.4
Fat from all sources	89.6	92.7	91.9	100.6	80.3	89.3	84.3	85.4
Carbohydrate	133.5	121.7	131.7	121.9	130.0	112.6	140.0	145.0
Calcium	377.4	424.8	416.7	412.9	377.5	395.8	388.6	388.0
Iron	642	785	817	986	688	1,152	1,130	1,100
Vitamin A	15.4	15.1	14.0	15.1	13.2	15.4	15.7	14.8
Vitamin C (ascorbic acid)	4,905	4,630	4,568	(c)1,555	3,699	3,993	4,584	4,370
Vitamin B1 (thiamine)	86	96	89	102	93	110	95	101
Riboflavin	1.4	1.5	1.3	1.7	1.3	1.7	1.8	1.9
Niacin	1.7	1.9	1.8	2.8	1.6	1.9	1.8	1.9
	18.7	17.6	18.6	21.7	13.1	15.9	16.2	19.7
Energy value	3,117	3,245	3,297	3,352	3,000	2,953	3,147	3,180

(a) Source : Ministry of Agriculture, Fisheries and Food. (b) Not comparable with previous years. Figures are based on conversion factors calculated from the revised and enlarged edition "Tables of Composition of Australian Foods".

(c) Microgrammes. See page 31, section 14, para. 4.

TABLE 39. - INTERNATIONAL COMPARISON OF ESTIMATED SUPPLY OF NUTRIENTS AVAILABLE FOR CONSUMPTION - continued

(Per head per day)

NOTE. Owing to differences in the bases of calculating consumption and the use of different nutrient conversion factors, figures for the countries shown are not strictly comparable.

Nutrient	NEW ZEALAND (a)				UNITED STATES OF AMERICA (b)			
	Average 1937 to 1940	Average 1944 to 1948	Average 1957 to 1959	1970	Average 1935 to 1939	Average 1947 to 1949	Average 1957 to 1959	1971 P
Protein -								
Animal	69.6	66.7	72.4		n.a.	n.a.	n.a.	n.a.
Vegetable	34.8	37.2	33.8		n.a.	n.a.	n.a.	n.a.
Fat from all sources	104.4	103.9	106.2		89.0	95.0	95.0	101.0
Carbohydrate	147.3	143.2	153.9		133.0	141.0	143.0	159.0
Calcium					444.0	403.0	374.0	379.0
Iron					910	990	980	940
Vitamin A					14.5	16.7	16.1	17.3
Vitamin C (ascorbic acid)					8,200	8,700	8,000	7,800
Vitamin B1 (thiamine)	n.a.	n.a.	n.a.	n.a.	118	113	105	110
Riboflavin					1.5	1.9	1.8	1.9
Niacin					1.9	2.3	2.3	2.3
Energy value	n.a.	n.a.	3,434		15.9	21.0	20.6	22.8
					3,300	3,230	3,140	3,330

(a) Source: New Zealand : Department of Statistics, Wellington, N.Z. (b) Source: United States of America : "The National Food Situation" published by the United States Department of Agriculture, November 1971.

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25 JULY 1972

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NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 490211 extension 382, or in each State capital, by telephoning the office of the Bureau of Census and Statistics.