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MINISTRY OF
AGRICULTURE, FISHERIES AND FOOD

Household Food Consumption and Expenditure: 1981

Annual Report of the
National Food Survey Committee

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Household Food Consumption and Expenditure: 1981

Annual Report of the
National Food Survey Committee

LONDON
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Preface

The National Food Survey Committee exists to report the findings of the Survey and also to assist the Ministry of Agriculture, Fisheries and Food by keeping the Survey under continuous review and recommending any changes that appear desirable. The Ministry, however, has overall responsibility for the Survey, for processing the results and arranging publication of the Committee's Reports. The Social Survey Division of the Office of Population Censuses and Surveys is responsible for the selection of the Survey sample and for supervising and contracting-out the fieldwork and coding of the Survey to a commercial agency.

The Committee wishes to renew its thanks to the Social Survey Division of the Office of Population Censuses and Surveys, to the British Market Research Bureau Limited for carrying out the fieldwork and coding of the Survey, to the Ministry of Agriculture, Fisheries and Food, and in particular to the many housewives who have given freely of their time to provide the basic information from which the Survey tabulations have been derived.

Commentaries on the Survey's findings are published quarter by quarter in *British Business*. Unpublished data from the Survey may be obtained on payment of a fee. Enquiries should be addressed to the National Food Survey Branch of the Ministry of Agriculture, Fisheries and Food, Room 419, Whitehall Place (West), London, SW1A 2HH (telephone 01 – 233 5088).

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I Introduction

I Introduction

1 This Annual Report presents the results for 1981 of the National Food Survey of Great Britain. It contains the full range of tables necessary to update the material in earlier Reports and comments briefly on developments in household food consumption and expenditure.

Trends in personal income, expenditure and retail prices in the United Kingdom (Table 1)

2 Information from the National Accounts shows that the average real disposable income per head in 1981 was nearly 3 per cent lower than in 1980 although it remained well above the 1978 level. At the same time, the annual rate of inflation (as measured by the Index of Retail prices) fell to 11·9 per cent; the corresponding measure of the increase in food prices was lower still at 8·4 per cent. However, despite this comparative price advantage there was a decrease in the volume of consumers' expenditure on food (measured at constant 1975 prices), particularly on that for consumption in the home. In contrast, the volume of consumers' expenditure on items other than food was almost unchanged. A consequence of this was that, at current prices, the proportion of total consumers' expenditure devoted to food fell again to a new low level of 18·3 per cent. These estimates from Table 1 are given as a background against which to view the results of the National Food Survey that are presented in the following pages.

II National Food Survey Results, 1981

II National Food Survey Results, 1981

3 The National Food Survey data for 1981 were derived from records provided by a random sample of 7,695 private households throughout Great Britain. They cover, in detail, food brought into the home for human consumption¹. However, in addition to excluding meals out in restaurants etc and pet food, the Survey also does not cover soft drinks², alcoholic drinks, sweets and chocolates: such items are often bought by family members without coming to the attention of the housewife (the person, male or female, principally responsible for domestic duties) who keeps the Survey record, and they are liable to be inadequately recorded. Each housewife keeps a record for 7 days, fieldwork being distributed over the whole year apart from breaks at Christmas and during general election campaigns. In 1981, fieldwork began on Thursday 1 January and continued until Tuesday 22 December. Details of the sample and sampling procedure are given in Appendix A, and a glossary of terms used in the tables and text appears at the end of the Report.

National Averages—Great Britain (Tables 2–10, 28, and Appendix B)

4 *Average levels of household food consumption, expenditure and prices.* Expenditure on food for consumption in the home averaged £7.63 per person per week in 1981, 42p (5.8 per cent) more than in 1980 (Table 2). This coincided with a rise of 6.8 per cent in the general level of food prices paid by housewives—the smallest annual increase recorded by the Survey since 1970. As average expenditure rose by about 1 per cent less than prices, the implication is that there was a reduction of the same percentage amount in the real value of household food purchases (Table 3). This overall net fall in volume is mainly attributable to a sharp decrease in average purchases of carcase meat, and of beef and veal in particular (Table 6).

5 *Milk and Cream.* Household consumption of liquid milk (including welfare and school milk) averaged 4.01 pints per person per week (Table 7). This represents a further reduction in consumption in the face of competition from skimmed and other milks and from soft drinks. Consumption has declined steadily since 1975 when it averaged 4.76 pints, although the corresponding proportion of households recording a purchase during their week in the Survey has changed only slightly from 97 to 96 per cent (Table 8). Purchases of yoghurt continued to increase but there are signs that this upward trend may be levelling off.

6 *Cheese.* Although average consumption of natural cheese was about the same in 1981 as in the previous year, there was some shift to Cheddar cheese from other UK varieties. Average purchases of processed cheese also barely changed so that those of cheese in total remained at the 1980 level of 3.89 oz per person per week.

7 *Carcase meat.* Beef, lamb and pork all showed declines in consumption compared with the previous year. The average for these three carcase meats in total fell by over 1.7 oz between 1980 and 1981, to 15.0 oz per person per

¹ Some estimates are, however, available from other sources of the total UK supplies of basic foodstuffs. See, for example, *British Business* Vol 7 nos 1 and 2, pages 48 and 49.

² Although some data relating to soft drinks brought into the home have been recorded since 1975, they are excluded from all the estimates and tables in this report except Table 32.

week. The largest contribution to the fall came from beef, the price of which rose the most (Tables 5 and 6). However, even allowing for the effects of changes in real prices and incomes, there is evidence of a sharp fall in the underlying demand for all three meats in 1981 (Tables 5 and 6, Appendix B).

8 Poultry. The long-term upward trend in purchases of broiler chicken resumed after a slight hiccup in 1980, and average consumption reached the new high level of 4.55 oz per person per week with the assistance of strongly competitive real prices. Consumption of other poultry also rose markedly, particularly of turkey—purchases of which have nearly doubled since 1978—and of large chickens.

9 Other meats and meat products. There were increased purchases of most other meats and meat products in 1981, particularly of sausages and of ready-to-eat meat pies and sausage rolls. These increases, together with those for poultry, amount to an average of nearly 0.9 oz per person per week and partly offset the decrease in carcass meat.

10 Fish. Average consumption of fish rose for the fourth consecutive year having previously followed a downward trend for some time: it reached 4.92 oz per person per week, the highest recorded since 1972. Within this total, filleted fresh white fish made further gains at the expense of unfileted varieties. In addition, consumption of canned salmon continued to recover almost to its 1975 level, aided by prices which were only 6 per cent higher than in 1977.

11 Eggs. There is a well-established downward trend in the consumption of eggs, associated with a contraction in the average proportion of households buying eggs in any given week (Tables 6 and 8). This may be attributable to the decline of the traditional breakfast and of home-baking and to competition from such convenience foods as fish fingers, beefburgers and pizzas. However, in 1981—for the first time in 6 years—there was no appreciable decrease in household consumption (including free supplies), the average of 3.68 eggs per person per week being almost the same as that recorded in 1980.

12 Fats. The average consumption of butter and margarine in total, at 7.80 oz per person per week, was only slightly lower in 1981 than in the previous year. Within the total, however, margarine increased its share from 49 per cent to 53 per cent—the first time since 1955 that it has occupied the dominant market position. Only part of the shift to margarine from butter appears to be due to changes in their relative prices (Tables 5 and 6 of Appendix B). There is an important underlying growth in demand for margarine, particularly for soft margarine, which has been linked to improvements in its quality and to growing emphasis on the health aspects of diet. Indeed, since 1975 average consumption of soft margarine has risen from 1.10 oz per person per week (42 per cent of total margarine) to 2.81 oz (68 per cent); it is thus displacing other margarine as well as butter.

13 Sugar and preserves. Despite steadily falling real prices for sugar, purchases again declined: the 1981 average of 11.08 oz per person per week represents a decrease of nearly 30 per cent since 1971. The downward trend in consumption of jam also continued.

14 Potatoes. Although there is clear evidence of a long-term downward trend in the household consumption of potatoes, there was a slight recovery in 1981

to an average of almost 42 oz per person per week, real prices being virtually unchanged. This was accompanied by increased purchases of most potato products—notably those of frozen chips which have virtually doubled since 1978 to reach 1·50 oz per person per week.

15 *Other vegetables.* There were small decreases in respect of most fresh green vegetables, the consumption (including supplies from gardens and allotments) of which in total fell by under 0·5 oz in 1981 to 12·0 oz per person per week. The consumption of other fresh vegetables was also barely maintained. These declines were offset by increased purchases of many processed vegetables, particularly canned varieties.

16 *Fruit.* The consumption of fresh fruit fell back slightly in 1981 from the high level of the previous year. Purchases of most other fruits and fruit products, particularly canned fruit, also declined slightly. The notable exception is fruit juice, the consumption of which averaged 3·99 fl oz per person per week in 1981—an increase of no less than 30 per cent since 1980, 120 per cent since 1978, 200 per cent since 1976, and nearly 330 per cent in the ten years since 1972.

17 *Bread.* Household purchases of bread in total recovered slightly in 1981 to 31·2 oz per person per week. This followed a series of small decreases beginning in 1975 following the removal of the price subsidy which had previously led to a pause in the long-term downward trend in consumption. Nevertheless, standard white loaves lost further ground to wholemeal and other breads, their share of the total having fallen steadily from 82 per cent in 1975 to 70 per cent in 1981.

18 *Flour, flour confectionery and other cereal foods.* Purchases of flour also recovered in 1981 to return to their 1978 level of 5·96 oz per person per week. Further increases were recorded for most other cereals, notably breakfast cereals and frozen cereal convenience foods, both of which continued their long-term upward trends. The principal exceptions were rice—purchases of which fell back slightly from the high level of 1980—and biscuits, other than chocolate biscuits, which continued to decline from their 1977 peak.

19 *Beverages.* Household consumption of tea decreased further to 1·98 oz per person per week, the lowest ever recorded in the Survey. There was also a small decline in consumption of instant coffee despite a fall in average price to pre-1977 levels.

Averages for social, economic and other groups

REGIONS AND TYPES OF AREA (Tables 11, 12 and 35)

20 Two separate geographical analyses of National Food Survey data are made. The first is according to the standard regions defined in Table 1 of Appendix A to this Report, except that the very small sample from East Anglia has been merged with that from the South East region. The second analysis is according to type of area and distinguishes six categories in terms of degree of urbanisation: (i) Greater London, (ii) the metropolitan districts of England together with the Central Clydeside conurbation, and (iii)—(vi) four groups of areas classified according to electoral density. Further details are given in the Glossary.

21 The Survey is designed to be representative of Great Britain as a whole and practical considerations limit the number of localities that can be included from each region in any one year (see Appendix A for details of the sampling scheme). The localities selected in a single year from any one region may not therefore be fully representative of that region. The regional estimates in Tables 11 and 12 should thus be treated with some reserve. Direct comparisons with data for earlier years should also be treated with caution for the same reason and because of changes to regional boundaries that have been made from time to time, especially in 1974. An indication of the variation which occurs from year to year may be obtained from the regional averages for 1975 to 1980 shown in Table 13 of the Annual Report for 1980¹. Further details of the samples of responding households are given in Tables 2 – 4 of Appendix A.

INCOME GROUPS (Tables 13 – 15 and 36)

22 The Survey income groups (see Glossary) continue to be defined in terms of the gross weekly income of (in most cases) the head of the household. The income ranges determining each group are revised at the beginning of each year to allow for prospective inflation and for expected changes in gross earnings during the following 12 months. Details of the procedure are given in paragraphs 74 – 77 of the Annual Report for 1980¹. The following table shows the distribution of the 1981 Survey sample according to income; further details of the sample of households in each income group are given in Tables 3 – 5 of Appendix A:—

Income group	Gross weekly income of head of household (a)	Number of households	Percentage of households		
			in whole sample	in groups A1 to D	
				realised	target
<i>Households containing one or more earners (b):</i>					
A1	£300 or more	123	1.6	2.2	3
A2	£210 and under £300	498	6.5	8.8	7
B	£125 and under £210	1782	23.2	31.4	40
C	£75 and under £125	2425	31.5	42.7	40
D	Less than £75	856	11.1	15.0	10
<i>Total A1 to D</i>		5684	73.9	100	100
<i>Households without an earner (b):</i>					
E1	£75 or more	262	3.4		
E2	Less than £75	699	9.1		
<i>Pensioner households (c)</i>					
OAP	N.A.	1051	13.7		
<i>Total all households</i>		7696	100		

(a) Or of the principal earner if the income group of the head of household was below £75 (the upper limit for group D).

(b) By convention, the short-term unemployed are classified as 'earners' until they have been out of work for more than a year when unemployment benefit ceases.

(c) See Glossary.

¹ *Household Food Consumption and Expenditure: 1980*, HMSO, 1982

23 As the income ranges have to be fixed in advance, the distribution of households in the sample according to income differs from the target each year by varying amounts (usually small). In 1981, rather more households fell into income groups C and D than was intended, with too few falling into group B. As a result, the averages of food consumption, expenditure and nutrition for each income group are not perfectly comparable with those for some other years since the composition of the various groups was somewhat different. However, in so far as this is a *classification* problem, the "national" averages for the sample as a whole are not affected.

24 Table 13 shows that, in households containing at least one earner, the estimated average household food expenditure ranged from £6.88 per person per week in group D to £8.93 in group A1. For pensioner households, as for the two categories of household with no earner (E1 and E2), the average food expenditure was greater than for earning households at comparable or even higher income levels. This may seem surprising, but it should be noted that the non-earning groups contained fewer children and had more meals at home (see Table 30) than those with earners.

25 Income is by no means the sole or even the main determinant of the level of household food expenditure. Other relevant factors include family size and composition, occupation and leisure activities, other expenditure commitments, outside meals, storage facilities, access to garden produce, education and habits formed in youth. Nevertheless, other things remaining equal, those with the highest incomes are usually the highest spenders. This does not, however, hold for all foods: high income families tend to spend less on basic and comparatively inexpensive foods such as bread and eggs.

26 The effect of income on expenditure or purchases is measured by the income elasticity. This may be thought of as a measure of the effect of a 1 per cent increase in income, other things remaining equal (see paragraphs 3, 11 and 12 of Appendix B). Table 2 in Appendix B presents estimates derived from Survey cross-sectional data of the income elasticities of both expenditure and purchases for individual foods as well as the income elasticity of total food expenditure. The estimate relating to the latter shown at the foot of the table (0.21) may be interpreted as indicating that a +1 per cent difference between the average net incomes of otherwise similar groups of households can be expected to be associated with a +0.21 per cent difference between their average food expenditures.

HOUSEHOLD COMPOSITION GROUPS (Tables 16–20, 37 and 38)

27 The classification of households according to their composition in terms of the number of adults and children (see "adult" and "child" in Glossary) has remained unchanged since 1975. Table 16 shows that average household food expenditure in 1981 ranged from £5.52 per person per week in households with 2 adults and 4 or more children to £9.31 per person per week in single adult families. This reflects the economies of scale in providing for larger households plus the fact that such households usually contain a larger proportion of children, whose food requirements are generally less than those of adults.

28 Differences in family size and composition have a greater effect on household food expenditure than differences in the income of the head, location or indeed any other method of classification used in the National Food Survey. This is demonstrated by Table 19, which gives the average food expenditures of households classified simultaneously according to their compositions and to the incomes of their heads. There is a far wider range in the average expenditures for household composition groups within income groups than for households of similar composition but at different income levels. Thus differences between averages expressed in per *household* terms can be very misleading when they are associated with systematic variations in average household size.

AGE OF HOUSEWIFE GROUPS (Tables 21 – 23 and 39)

29 The averages for the different groups vary appreciably but, as with other classifications according to a single characteristic, they are purely descriptive. They do not directly give a measure of the effect that age of housewife has on food consumption patterns: to do this it would be necessary to standardise the data in each group to allow for systematic differences in income, family composition and other factors which tend to vary with the housewife's age.

HOUSING TENURE GROUPS (Tables 24 – 26 and 40)

30 This classification is subject to the same type of limitation noted in the previous paragraph. There have been marked shifts in the pattern of tenure over the past few years, particularly in the growth of home ownership and the decrease in the relative importance of privately rented unfurnished property.

FREEZER-OWNING AND OTHER HOUSEHOLDS (Tables 27 – 29 and 41)

31 Households owning a deep-freezer suitable for freezing fresh produce and for its long-term storage accounted for 49 per cent of the responding sample in 1981 compared with 46 per cent in 1980 and 23 per cent in 1975. Ownership of refrigerators remains much more extensive at 96 per cent of households in 1981, the same as in 1980. Details of the distribution of deep-freezers and refrigerators between different household groups are given in Table 3 of Appendix A.

32 The growth in ownership of deep-freezers has been accompanied by an increase in the variation in the Survey averages of expenditure and consumption (defined as purchases plus free supplies) for some foods because of the concomitant increase in bulk buying. Purchases of carcass meat in particular have been affected. The conventional Survey estimates of consumption are based on acquisitions of food, with purchases being measured when brought home and garden and allotment produce (see Glossary) being measured when it is used. However, for freezer-owning households, alternative estimates of consumption have also been made which exclude food bought explicitly for freezer storage but include items—regardless of when bought—withdrawn from freezers during the Survey week. These alternative estimates are much less affected by sampling variation and should, in the short-run, give a more accurate representation of actual consumption. They are shown in the

penultimate column of Table 28, and the final column of that table shows their effect on the national averages when combined with the conventional estimates for households without a deep-freezer. It is emphasised, however, that the alternative estimates for freezer-owning households are neither obtained by, nor equivalent to, measuring *changes* in households' freezer stocks: indeed, the measurements made do not in all cases allow the change in stocks to be ascertained. Rather they are derived by subtracting from the purchased quantity of a given food the amount deposited in the freezer and then adding back any amounts of that food withdrawn. Where carcase meat is concerned, the purchased quantity recorded for bulk transactions is the weight used for pricing purposes; this will occasionally include some fat, bone or other trimmings which were subsequently removed at the customer's request before delivery. Thus when the whole purchased weight is recorded as having been deposited in the freezer, such trimmings—though never actually delivered—will appear as an implicit addition to freezer stocks. This precludes any attempt to measure stock changes as the difference between the alternative and conventional estimates of consumption.

SPECIAL ANALYSES

MEALS OUTSIDE THE HOME (Tables 30 and 31)

33 A further small increase was recorded in the average number of meals eaten outside the home. This has risen from 2·97 meals per person per week in 1976 (of which 1·72 were mid-day meals) to 3·25 meals in 1981 (1·75 at mid-day). The level of eating out varies considerably between different household groups (see Table 30) and this should be borne in mind when comparing the corresponding Survey estimates of food consumption and expenditure, which of course relate only to food brought home.

34 There were also small increases in the number of school meals and packed meals from home taken by children aged between 5 and 14 years. The average number of school meals has been following a long-term downward trend, but fell sharply from 2·63 meals per child per week in 1979 to 2·19 meals in 1980 when the regulations governing their supply were changed by the Education Act (1980). In 1981, however, the average recovered slightly to 2·26 meals (see Table 31). Conversely, the number of packed meals prepared for children rose steadily between 1975 and 1979 from 0·37 meals per child per week to 0·68 meals, but then increased sharply to 1·15 meals in 1980, reaching 1·21 meals in 1981.

HOUSEHOLD PURCHASES OF SOFT DRINKS (Table 32)

35 The averages presented in Table 32 are from an extension of the normal Survey to cover purchases of soft drinks bought for consumption in the home as part of the household supply. Expenditure on these soft drinks, the quantities bought and the contribution they make to the energy value of the household supply are *excluded* from all other tables of National Food Survey data presented in this Report.

NUTRITIONAL VALUE

36 Introduction. The nutritional value of the food obtained in different categories of household in Great Britain is shown in Tables 33–44, and was determined by the methods outlined in Appendix A, paragraphs 12 and 13. The estimates are derived from the quantities of food brought into the home, and will therefore be supplemented by the nutrients in meals and snacks eaten outside the home (if they were not made from the household food supply) and by the contributions, mainly of energy, from soft and alcoholic drinks, sweets and soft drinks. However, Table 32 shows that those soft drinks bought for the household supply added 21 kcal per person per day to the total. In addition, national supplies of alcohol and of sugar and chocolate confectionery were equivalent to a further 166 and 130 kcal per person per day respectively in 1981, but it is not practicable to determine the intakes in each type of household. The basic Survey estimates also make no allowances for any potentially edible food that may be wasted in the home. Nevertheless, allowances for meals outside the home and wastage *are* made when the nutrient intakes are compared with recommended intakes¹ in part (ii) of Tables 33 and 35–41, and these comparisons also take into account the age, sex and occupational activity of the members of each household (see Appendix A, paragraphs 14 and 15). Thus, while all the tables are useful for showing trends in nutrient intakes over time, the comparisons with the recommended intakes are a particularly useful method of comparing the nutritional adequacy of the diets in different types of household.

37 National averages. The nutritional value of the national average household diet is shown in Table 33, not only as amounts per person per day and as percentages of the recommended amounts of each nutrient, but also in terms of the percentage of the energy value of the diet that was derived from protein, fat and carbohydrate (part iii), the percentage of the protein derived from animal sources (part iv), and the nutrient content per 1000 kcal (part v). This format is followed in the other nutritional tables too, and, apart from part (v) which was introduced in 1967, has been used in the Survey since the 1950s. The average household energy intake in Great Britain as a whole was 2210 kcal (9.3 megajoules) per person per day in 1981 compared with 2230 kcal in 1980, and was as usual highest in the fourth quarter of the year and lowest in the second. This provided 99 per cent of the amount recommended without counting the energy from food consumed outside the home or that from sweets and alcoholic and soft drinks. Slightly less of this energy was derived from fat than in 1980 (42.2 per cent compared with 42.6 per cent); and because there was an increase in the polyunsaturated fatty acid content of the diet and declines in the amounts of saturated and monounsaturated fatty acids, the ratio of polyunsaturated to saturated fatty acids increased from 0.242 to 0.250. Intakes of the minerals and vitamins other than vitamins C and D also fell slightly, but all remained in excess of the intakes recommended by the Department of Health and Social Security and most were well in excess of these recommendations.

38 The contributions made to these intakes by major groups of foods are shown in Table 34. The main contributions to the energy value of the diet were

¹ Department of Health and Social Security. *Recommended Daily Amounts of Food Energy and Nutrients for Groups of People in the United Kingdom*. Reports on Health and Social Subjects no. 15, HMSO, 1979.

milk and milk products (14·0 per cent of the total compared with 14·2 per cent in 1980); meat and meat products (16·4 per cent compared with 16·7 per cent); fats (15·5 per cent compared with 15·6 per cent); sugar and preserves (9·0 per cent as in 1980); and cereal products (28·9 per cent compared with 28·8 per cent). These changed contributions were paralleled by changes in the relative importance of these food groups to the intakes of most other nutrients. Vitamin C intakes, however, were increased because of the greater contributions from most kinds of fruit, which were not completely offset by the decreases from vegetables; and the switch from butter to soft margarines (paragraph 12) was the primary reason for the change in the fatty acid composition of the diet and for the increase in Vitamin D intakes.

39 Tables 42 and 43 show the nutrients obtained for each penny spent on important foods. Bread—particularly white bread—and breakfast cereals continued to be among the cheapest sources of most of the nutrients recorded in the Survey. However, these foods had been relatively better value for money in 1980, as had been milk, cheese, fresh meats and potatoes. In contrast, the relative values of a number of processed foods improved.

40 *Nutrient intake according to region and type of area, income group, household composition, age of housewife, housing tenure and freezer ownership.* Tables 35 to 41 present the full range of nutritional evaluations of the diets of households classified according to each of the above characteristics. Further information about these households is given in paragraphs 20 to 32.

III Tables

TABLE 1

*Changes in incomes, prices and
consumers' expenditure, 1975 - 1981*

	1975	1976	1977	1978	1979	1980	1981
Index of personal disposable income per head (a) (b):							
In money terms	100	114·8	130·2	153·4	184·9	217·1	234·3
In real terms (c)	100	99·3	97·8	105·9	113·1	114·5	111·3
General Index of Retail Prices (a):							
All items	100	116·5	135·0	146·2	165·8	195·6	218·8
Food	100	120·0	142·8	152·9	171·3	192·0	208·2
Indices of consumers' expenditure per head (d):							
Household food expenditure (e)							
At current prices	100	116·6	134·4	150·1	170·3	191·1	200·0
At 1975 prices	100	100·7	99·6	102·4	104·2	104·2	102·4
Catering expenditure on food (f)							
At current prices	100	118·2	133·4	147·1	174·1	191·1	200·5
At 1975 prices	100	100·1	99·0	102·1	108·8	106·6	105·2
Total food expenditure (g)							
At current prices	100	116·8	134·2	149·7	170·8	191·1	200·1
At 1975 prices	100	100·7	99·5	102·4	104·8	104·5	102·7
Total consumers' expenditure							
At current prices	100	115·8	133·1	153·1	181·1	209·8	232·2
At 1975 prices	100	100·1	99·9	105·6	110·8	110·6	110·3
Total food expenditure as percentage of total consumers' expenditure on goods and services (a):							
At current prices	21·3	21·5	21·5	20·8	20·1	19·4	18·3
At 1975 prices	21·3	21·4	21·2	20·6	20·1	20·1	19·8

(a) Derived from data in the *Monthly Digest of Statistics*.

(b) Includes all sources of personal income and takes into account deductions for income tax, national insurance contributions and net transfers abroad.

(c) Using the Consumers' Expenditure Deflator (derived from the National Accounts) to remove the effect of price changes. If the General Index of Retail Prices had been used as a deflator the indices would have been 100, 98·5, 96·5, 104·9, 111·5, 111·0 and 107·1 respectively.

(d) Derived from data in *National Income and Expenditure 1982 Edition*. The expenditure incurred by public authorities in providing welfare and school milk and welfare foods has been excluded throughout; such expenditure amounted to £24 million in 1975, £33 million in 1976, £39 million in 1977, £43 million in 1978, £48 million in 1979, £54 million in 1980, and £61 million in 1981.

(e) Includes in addition to items included in the National Food Survey, soft drinks, sweets, casual and other purchases of food not entering the household food supply, but not the ingredient cost of food consumed in catering establishments.

(f) Expenditure on food (generally at wholesale prices) by commercial and non-commercial catering establishments including institutions and public authorities (excluding expenditure incurred on welfare items—see footnote (d) above).

(g) Household food expenditure plus total catering expenditure on food as defined in (f) above.

**Average consumption, expenditure
and prices, relating to all households in
the National Food Survey sample**

TABLE 2

*Household food expenditure and total value of
food obtained for consumption, 1981
(per person per week)*

	Expenditure on food			Value of garden and allotment produce, etc (a)		Value of consumption (b)		
	1980	1981	Per-centage change	1980	1981	1980	1981	Per-centage change
	£	£		£	£	£	£	
1st quarter .	6·97	7·34	+ 5·3	·11	·16	7·08	7·50	+ 5·8
2nd quarter .	7·28	7·55	+ 3·6	·12	·14	7·40	7·69	+ 3·9
3rd quarter .	7·36	7·82	+ 6·3	·24	·22	7·60	8·04	+ 5·8
4th quarter .	7·25	7·82	+ 7·9	·17	·17	7·42	8·00	+ 7·8
Yearly average .	7·21	7·63	+ 5·8	·16	·17	7·37	7·80	+ 5·8

(a) Valued at average prices paid by housewives for comparable purchases.

(b) Expenditure on food purchased for consumption in the home, plus the value of garden and allotment produce etc.

TABLE 3

*Percentage changes in average expenditure, food prices and
real value of food purchased*

	1981 on 1980	1981 on 1980 Quarters			
		1	2	3	4
<i>Expenditure</i>					
Seasonal foods (a)	+ 7.0	+ 2.2	+ 1.0	+ 10.2	+ 16.7
Convenience foods (a)					
Canned	+ 8.0	+ 8.2	+ 4.1	+ 9.5	+ 10.6
Frozen	+ 7.3	+ 8.3	+ 5.9	+ 4.7	+ 11.2
Other convenience foods	+ 8.6	+ 10.5	+ 6.2	+ 8.8	+ 9.5
Total convenience foods	+ 8.3	+ 9.6	+ 5.7	+ 8.4	+ 10.0
All other foods (b)	+ 4.1	+ 4.1	+ 3.4	+ 4.1	+ 5.1
All foods (b)	+ 5.6	+ 5.2	+ 3.6	+ 6.2	+ 7.9
<i>Food prices</i>					
Seasonal foods (a)	+ 7.0	+ 0.7	+ 4.5	+ 8.1	+ 16.9
Convenience foods (a)					
Canned	+ 3.7	+ 5.7	+ 2.3	+ 2.8	+ 4.5
Frozen	+ 4.5	+ 7.6	+ 7.5	+ 2.7	- 0.0
Other convenience foods	+ 6.0	+ 7.3	+ 5.8	+ 5.3	+ 5.9
Total convenience foods	+ 5.3	+ 7.0	+ 5.2	+ 4.4	+ 4.8
All other foods (b)	+ 7.4	+ 8.6	+ 6.4	+ 7.4	+ 7.3
All foods (b)	+ 6.8	+ 7.0	+ 5.8	+ 6.7	+ 7.9
<i>Real value of food purchased</i>					
Seasonal foods (a)	- 0.0	+ 1.4	- 3.4	+ 1.9	- 0.2
Convenience foods (a)					
Canned	+ 4.1	+ 2.3	+ 1.8	+ 6.5	+ 5.8
Frozen	+ 2.7	+ 0.6	- 1.6	+ 1.9	+ 11.2
Other convenience foods	+ 2.4	+ 3.0	+ 0.3	+ 3.3	+ 3.4
Total convenience foods	+ 2.9	+ 2.5	+ 0.4	+ 3.8	+ 5.0
All other foods (b)	- 3.1	- 4.1	- 2.8	- 3.1	- 2.0
All foods (b)	- 1.1	- 1.7	- 2.1	- 0.5	+ 0.1

(a) See "Seasonal foods" and "Convenience foods" in Glossary.

(b) Excluding a few miscellaneous items for which the expenditure but not the quantity was recorded and for which average prices therefore could not be calculated.

TABLE 4

*Indices of expenditure on main food groups and
total value of consumption (a), 1975 – 1981
(1975 = 100)*

	Food codes (1981)	Indices of expenditure					
		1976	1977	1978	1979	1980	1981
I Main food groupings							
Liquid milk	4	134.3	160.2	179.8	200.0	223.1	238.1
Other milk and cream	9 – 17	115.7	130.0	157.5	198.1	241.3	252.5
Milk and cream	4 – 17	131.5	155.7	176.5	199.7	225.8	240.2
Cheese	22, 23	116.0	145.8	160.3	194.5	229.7	251.2
Beef and veal	31	110.0	132.2	151.7	172.0	188.0	179.6
Mutton and lamb	36	117.3	130.1	148.2	173.9	200.3	200.2
Pork	41	117.5	145.7	172.2	199.2	246.3	244.1
Carcass meat	31 – 41	113.0	134.0	154.4	177.1	201.0	195.7
Bacon and ham, un- cooked	55	118.2	132.0	142.7	159.8	170.3	177.7
Poultry, uncooked	73, 77	118.5	145.8	158.4	197.1	219.7	243.9
Other meat and meat products	46, 51, 58 – 71, 78 – 88, 94 } 31 – 94	115.8	132.8	150.6	172.0	191.6	209.6
All meat	31 – 94	115.1	134.5	152.1	175.2	195.9	202.2
Fish, fresh and processed	100 – 117	115.6	134.4	155.8	176.2	204.7	209.8
Fish, convenience	118 – 127	114.9	124.2	146.8	176.4	203.7	226.5
Fish	100 – 127	115.2	129.2	151.2	176.3	204.2	218.4
Eggs	129	112.1	122.8	123.7	141.9	153.7	162.5
Butter	135	126.9	144.6	158.4	185.9	182.9	178.7
Margarine	138	118.9	170.3	178.8	190.6	213.4	234.6
Other fats	139 – 148	91.0	113.9	128.6	132.3	157.0	155.5
Fats	135 – 148	116.7	142.9	155.7	174.3	183.3	185.3
Sugar	150	94.3	96.9	101.7	113.0	123.7	133.6
Preserves	151 – 154	97.4	111.8	115.2	125.7	133.6	145.0
Potatoes (raw)	156 – 161	158.1	121.9	91.2	121.8	112.0	127.1
Fresh green vegetables	162 – 171	106.2	117.8	127.9	152.6	163.7	181.8
Other fresh vegetables	172 – 183	112.0	126.0	135.8	158.9	190.6	201.3
Other vegetables	184 – 208	121.8	132.3	135.5	164.3	186.1	206.7
Vegetables	156 – 208	127.4	126.0	122.4	149.8	163.9	180.3
Fresh fruit	210 – 231	108.6	133.5	145.4	162.2	193.4	204.0
Other fruit	233 – 248	109.7	133.2	148.2	163.6	190.8	198.8
Fruit	210 – 248	109.0	133.4	146.5	162.7	192.5	202.1
Bread	251 – 263	110.2	131.3	150.4	170.1	196.5	210.6
Cereals, other than bread	264 – 301	108.9	128.7	143.6	164.5	188.8	205.2
Cereals	251 – 301	109.4	129.7	146.3	166.7	191.8	207.3
Beverages	304 – 313	125.4	204.2	221.0	227.0	239.8	233.5
Miscellaneous foods (b)	315 – 334, 339	115.7	126.7	140.9	161.2	186.9	206.9
II Seasonal, convenience and other foods							
Seasonal foods	(c)	119.9	125.8	126.8	149.0	165.2	176.8
Convenience foods	(c)						
Canned		111.4	118.5	126.5	141.5	157.1	169.6
Frozen		133.6	167.1	171.7	221.0	272.0	291.9
Other convenience foods		114.1	132.4	155.0	178.0	203.3	220.7
Total convenience foods		115.3	132.0	148.7	172.1	197.2	213.5
All other foods (b)		116.3	140.0	155.7	176.8	197.3	205.3
III ALL FOODS (b)							
	4 – 339	116.7	135.5	148.9	170.7	191.7	202.4
Indices of total value of consumption (a)							
IV ALL FOODS (b)							
		117.3	135.9	149.0	169.5	190.7	201.8

(a) Total expenditure on food purchased for consumption in the home, plus the value of garden and allotment produce etc (see Glossary).

(b) Excluding a few miscellaneous items for which the expenditure but not the quantity was recorded and for which average prices therefore could not be calculated.

(c) Foods included in these categories are itemised in Appendix A, Table 7.

TABLE 5

Indices of prices for main food groups, 1975 – 1981
(1975 = 100)

	Food codes (1981)	Indices of prices					
		1976	1977	1978	1979	1980	1981
I Main food groupings							
Liquid milk	4	134.8	170.0	192.5	219.4	252.1	281.7
Other milk and cream	9 – 17	116.5	129.5	143.9	161.3	187.3	193.3
Milk and cream	4 – 17	132.1	163.8	184.7	209.4	240.5	264.8
Cheese	22, 23	116.4	146.0	164.5	193.3	225.4	246.1
Beef and veal	31	119.7	134.0	153.1	172.6	192.2	213.6
Mutton and lamb	36	118.3	139.4	161.0	172.6	188.2	199.5
Pork	41	112.4	119.9	141.0	148.7	162.3	173.9
Carcase meat	31 – 41	118.1	132.5	152.6	167.9	185.1	201.8
Bacon and ham, uncooked	55	116.8	121.4	132.0	146.7	161.5	170.7
Poultry, uncooked	73, 77	113.4	135.9	147.2	166.9	189.4	193.3
Other meat and meat products	46, 51, 58 – 71, } 78 – 88, 94 }	114.2	127.5	140.0	158.4	181.0	192.1
All meat	31 – 94	116.2	129.8	145.4	162.1	181.2	193.9
Fish, fresh and processed	100 – 117	113.8	142.2	157.5	175.3	188.3	191.3
Fish, convenience	118 – 127	116.7	146.2	160.1	174.6	189.1	198.5
Fish	100 – 127	115.3	144.2	158.8	174.9	188.7	195.0
Eggs	129	112.9	128.6	128.6	149.0	170.2	182.5
Butter	135	138.2	173.5	196.0	235.5	253.7	271.9
Margarine	138	101.2	127.3	131.5	136.3	144.8	148.4
Other fats	139 – 148	96.2	117.1	120.0	126.1	128.4	129.1
Fats	135 – 148	119.7	148.4	160.8	182.8	191.6	199.6
Sugar	150	87.0	90.3	96.6	109.9	124.4	135.8
Preserves	151 – 154	103.4	117.4	127.7	139.8	157.4	167.9
Potatoes (raw)	156 – 161	196.2	134.5	87.6	119.1	116.3	131.5
Fresh green vegetables	162 – 171	110.4	127.9	117.4	154.8	151.7	172.0
Other fresh vegetables	172 – 183	113.8	126.0	128.3	145.2	168.3	173.4
Other vegetables	184 – 208	121.6	136.6	134.2	148.7	165.3	173.8
Vegetables	156 – 208	137.6	132.3	117.7	140.6	151.5	162.6
Fresh fruit	210 – 231	103.0	133.5	141.0	141.4	160.7	170.7
Other fruit	233 – 248	109.1	139.3	153.9	166.3	175.6	176.5
Fruit	210 – 248	105.2	135.6	145.6	150.0	165.9	172.8
Bread	251 – 263	110.6	133.0	155.0	176.1	203.3	216.9
Cereals, other than bread	264 – 301	108.1	127.4	142.6	158.5	182.9	197.3
Cereals	251 – 301	109.1	129.6	147.4	165.3	190.8	204.9
Beverages	304 – 313	123.6	236.6	247.2	228.9	241.0	239.3
Miscellaneous (a)	315 – 334, 339	110.2	124.5	133.9	146.7	170.1	183.6
II Seasonal, convenience and other foods							
Seasonal foods	(b)	126.7	131.5	124.3	143.2	156.8	167.9
Convenience foods	(b)	111.0	128.4	136.5	147.8	164.5	171.1
Canned		120.3	139.4	145.6	166.0	183.6	192.0
Frozen							
Other convenience foods		116.0	140.4	153.5	168.1	192.6	204.1
Total convenience foods		115.1	137.0	148.1	162.4	184.1	193.8
All other foods (a)		116.5	139.1	155.5	173.3	193.4	207.7
III ALL FOODS (a)							
	4 – 339	117.9	137.3	148.1	165.3	184.6	197.1

(a) Excluding a few miscellaneous items for which the expenditure but not the quantity was recorded and for which average prices therefore could not be calculated.

(b) Foods included in these categories are itemised in Appendix A, Table 7.

TABLE 6

Indices of real value of purchases of main food groups and total real value of consumption (a), 1975-1981 (1975 = 100)

	Food codes (1981)	Indices of real value of purchases					
		1976	1977	1978	1979	1980	1981
I Main food groupings							
Liquid milk	4	99.6	94.3	93.4	91.2	88.5	84.5
Other milk and cream	9-17	99.3	100.4	109.4	122.9	128.8	130.6
Milk and cream	4-17	99.6	95.1	95.6	95.4	93.9	90.7
Cheese	22, 23	99.7	99.9	97.4	100.6	101.9	102.1
Beef and veal	31	91.9	98.7	99.1	99.6	97.8	84.1
Mutton and lamb	36	99.1	93.3	92.0	100.8	106.4	100.4
Pork	41	104.6	121.5	122.1	133.9	151.7	140.4
Carcass meat	31-41	95.7	101.1	101.2	105.5	108.6	97.0
Bacon and ham, uncooked	55	101.2	108.7	108.1	108.9	105.4	104.1
Poultry, uncooked	73, 77	104.5	107.3	107.6	118.1	116.0	126.2
Other meat and meat products	46, 51, 58-71, 78-88, 94	101.4	104.2	107.6	108.6	105.9	109.1
All meat	31-94	99.0	103.6	104.6	108.1	108.1	104.3
Fish, fresh and processed	100-117	101.6	94.6	99.0	100.5	108.7	109.7
Fish, convenience	118-127	98.5	85.0	91.7	101.1	107.8	114.1
Fish	100-127	100.0	89.6	95.2	100.8	108.2	112.0
Eggs	129	99.3	95.5	96.2	95.3	90.3	89.1
Butter	135	91.9	83.3	80.8	79.0	72.1	65.7
Margarine	138	117.4	133.8	136.0	139.9	147.4	158.1
Other fats	139-148	94.6	97.3	107.2	105.0	122.4	120.4
Fats	135-148	97.5	96.3	96.9	95.3	95.7	92.8
Sugar	150	108.4	107.3	105.3	102.8	99.5	98.3
Preserves	151-154	94.2	95.3	90.2	90.0	84.9	86.4
Potatoes (raw)	156-161	80.6	90.6	104.1	102.2	96.3	96.7
Fresh green vegetables	162-171	96.2	92.1	109.0	98.5	107.9	105.7
Other fresh vegetables	172-183	98.4	100.0	105.9	109.5	113.2	116.1
Other vegetables	184-208	100.1	96.8	101.0	110.5	112.6	118.9
Vegetables	156-208	92.6	95.2	104.0	106.5	108.2	110.9
Fresh fruit	210-231	105.4	100.0	103.2	114.7	120.4	119.5
Other fruit	233-248	100.6	95.6	96.3	98.3	108.6	112.6
Fruit	210-248	103.6	98.4	100.6	108.5	116.0	117.0
Bread	251-263	99.7	98.7	97.1	96.6	96.7	97.1
Cereals, other than bread	264-301	100.7	101.0	100.7	103.8	103.2	104.0
Cereals	251-301	100.3	100.1	99.3	100.9	100.6	101.2
Beverages	304-313	101.4	86.3	89.4	99.2	99.5	97.6
Miscellaneous foods (b)	315-334, 339	105.0	101.8	105.2	109.9	109.9	112.7
II Seasonal, convenience and other foods							
Seasonal foods	(c)	94.6	95.6	102.1	104.0	105.4	105.3
Convenience foods	(c)						
Canned		100.4	92.3	92.7	95.8	95.5	99.1
Frozen		111.1	119.9	118.0	133.1	148.2	152.0
Other convenience foods		98.4	94.3	101.0	105.9	105.5	108.2
Total convenience foods		100.2	96.3	100.4	105.9	107.1	110.1
All other foods (b)		99.8	100.7	100.1	102.0	102.0	98.8
III ALL FOODS (b)							
	4-339	99.0	98.7	100.5	103.3	103.8	102.7
<i>Indices of total real value of consumption (a)</i>							
IV ALL FOODS (b)							
		99.5	99.0	100.6	102.5	103.3	102.4

(a) Total real value of food purchased for consumption in the home, plus the real value of garden and allotment produce etc (see Glossary).

(b) Excluding a few miscellaneous items for which the expenditure but not the quantity was recorded and for which average prices therefore could not be calculated.

(c) Foods included in these categories are itemised in Appendix A, Table 7.

TABLE 7

*Household consumption of individual foods (a): quarterly
and annual national averages, 1981*

(oz per person per week, except where otherwise stated)

	Consumption					Purchases
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Yearly average
MILK AND CREAM:						
Liquid milk						
Full price (pt)	3-98	3-98	3-89	3-92	3-94	3-87
Welfare (pt)	0-02	0-05	0-03	0-04	0-04	—
School (pt)	0-03	0-02	0-01	0-03	0-02	...
<i>Total liquid milk</i> (pt)	<i>4-04</i>	<i>4-05</i>	<i>3-94</i>	<i>3-99</i>	<i>4-01</i>	<i>3-87</i>
Condensed milk (eq pt)	0-10	0-08	0-11	0-12	0-10	0-10
Dried milk, branded (eq pt)	0-04	0-05	0-05	0-07	0-05	0-04
Instant milk (eq pt)	0-12	0-10	0-12	0-11	0-11	0-11
Yoghurt (pt)	0-08	0-09	0-09	0-08	0-09	0-09
Other milk (pt)	0-04	0-07	0-07	0-08	0-07	0-05
Cream (pt)	0-04	0-03	0-03	0-02	0-03	0-03
<i>Total milk and cream</i> (pt or eq pt)	<i>4-45</i>	<i>4-48</i>	<i>4-41</i>	<i>4-47</i>	<i>4-46</i>	<i>4-30</i>
CHEESE:						
Natural (b)	3-62	3-60	3-78	3-61	3-65	3-65
Processed	0-21	0-25	0-24	0-24	0-24	0-24
<i>Total cheese</i>	<i>3-83</i>	<i>3-85</i>	<i>4-02</i>	<i>3-86</i>	<i>3-89</i>	<i>3-89</i>
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal (b)	7-85	6-42	6-59	6-99	6-96	6-94
Mutton and lamb (b)	4-20	3-81	5-02	3-95	4-25	4-23
Pork (b)	3-94	3-61	3-89	3-82	3-82	3-80
<i>Total carcase meat</i>	<i>15-98</i>	<i>13-84</i>	<i>15-50</i>	<i>14-76</i>	<i>15-02</i>	<i>14-96</i>
Other meat and meat products						
Liver (b)	0-81	0-67	0-67	0-78	0-73	0-73
Offals, other than liver	0-39	0-23	0-29	0-32	0-31	0-31
Bacon and ham, uncooked (b)	4-32	4-18	4-03	4-03	4-14	4-14
Bacon and ham, cooked, including canned	1-01	1-22	1-29	0-98	1-13	1-12
Cooked poultry, not purchased in cans	0-28	0-26	0-29	0-23	0-27	0-27
Corned meat	0-57	0-68	0-69	0-61	0-64	0-64
Other cooked meat, not purchased in cans	0-44	0-43	0-63	0-50	0-50	0-50
Other canned meat and canned meat products	1-25	1-25	1-27	1-35	1-28	1-28
Broiler chicken, uncooked, including frozen	4-35	4-13	4-90	4-81	4-55	4-52
Other poultry, uncooked, including frozen (b)	2-19	2-72	2-05	2-97	2-48	2-44
Rabbit and other meat	0-11	0-09	0-08	0-13	0-10	0-10
Sausages, uncooked, pork	1-82	1-84	1-66	1-82	1-79	1-78
Sausages, uncooked, beef	1-57	1-58	1-59	1-72	1-62	1-61
Meat pies and sausage rolls, ready-to-eat	0-65	0-86	0-87	0-76	0-79	0-79
Frozen convenience meats or frozen convenience meat products	1-46	1-30	1-45	1-50	1-43	1-43
Other meat products (b)	2-71	2-45	2-67	2-51	2-59	2-58
<i>Total other meat and meat products</i>	<i>23-92</i>	<i>23-90</i>	<i>24-42</i>	<i>25-04</i>	<i>24-32</i>	<i>24-22</i>
<i>Total meat and meat products</i>	<i>39-90</i>	<i>37-74</i>	<i>39-92</i>	<i>39-80</i>	<i>39-34</i>	<i>39-18</i>
FISH:						
White, filleted, fresh	1-03	1-07	0-92	0-95	0-99	0-99
White, unfilleted, fresh	0-14	0-25	0-20	0-17	0-19	0-18
White, uncooked, frozen	0-68	0-52	0-50	0-55	0-56	0-56
Herrings, filleted, fresh	0-01	0-01	0-02	0-02	0-02	0-02
Herrings, unfilleted, fresh	0-04	0-02	0-01	0-03	0-03	0-03
Fat, fresh, other than herrings	0-14	0-15	0-14	0-16	0-15	0-14
White, processed	0-25	0-25	0-21	0-22	0-23	0-23
Fat, processed, filleted	0-13	0-14	0-15	0-19	0-15	0-15
Fat, processed, unfilleted	0-02	0-02	0-02	0-05	0-03	0-03
Shellfish	0-08	0-10	0-08	0-09	0-09	0-09
Cooked fish	0-71	0-81	0-83	0-81	0-79	0-79
Canned salmon	0-21	0-30	0-26	0-24	0-25	0-25
Other canned or bottled fish	0-38	0-52	0-48	0-36	0-44	0-43
Fish products, not frozen	0-15	0-13	0-14	0-15	0-14	0-14
Frozen convenience fish products	0-77	0-96	0-91	0-81	0-86	0-86
<i>Total fish</i>	<i>4-73</i>	<i>5-24</i>	<i>4-88</i>	<i>4-81</i>	<i>4-92</i>	<i>4-90</i>
EGGS (no)	3-67	3-74	3-66	3-63	3-68	3-54

TABLE 7—continued

(oz per person per week, except where otherwise stated)

	Consumption					Purchases
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Yearly average
FATS:						
Butter (b)	3.92	3.74	3.56	3.54	3.69	3.69
Margarine (b)	3.95	3.97	4.06	4.47	4.11	4.11
Lard and compound cooking fat	1.78	1.78	1.75	1.90	1.80	1.80
Vegetable and salad oils (fl oz)	1.02	0.81	0.79	0.94	0.89	0.89
All other fats	0.57	0.62	0.52	0.57	0.57	0.57
<i>Total fats</i>	<i>11.23</i>	<i>10.91</i>	<i>10.68</i>	<i>11.43</i>	<i>11.06</i>	<i>11.06</i>
SUGAR AND PRESERVES:						
Sugar	10.98	10.11	11.34	11.89	11.08	11.08
Jams, jellies and fruit curds	0.93	0.92	0.94	0.94	0.93	0.90
Marmalade	0.76	0.75	0.67	0.68	0.72	0.71
Syrup, treacle	0.24	0.24	0.15	0.23	0.22	0.21
Honey	0.23	0.18	0.20	0.23	0.21	0.20
<i>Total sugar and preserves</i>	<i>13.14</i>	<i>12.19</i>	<i>13.30</i>	<i>13.97</i>	<i>13.15</i>	<i>13.11</i>
VEGETABLES:						
Old potatoes						
January—August						
not prepacked	39.83	22.68	0.33	—	15.71	14.81
prepacked	5.28	3.62	0.08	—	2.25	2.25
New potatoes						
January—August						
not prepacked	0.81	11.42	21.55	—	8.45	7.65
prepacked	0.09	0.59	1.68	—	0.59	0.59
Potatoes						
September—December						
not prepacked	—	—	12.69	38.22	12.73	11.46
prepacked	—	—	1.86	6.77	2.16	2.16
<i>Total fresh potatoes</i>	<i>46.01</i>	<i>38.30</i>	<i>38.19</i>	<i>44.99</i>	<i>41.87</i>	<i>38.91</i>
Other fresh green vegetables						
Cabbages, fresh	4.26	4.40	4.10	4.38	4.29	3.48
Brussels sprouts, fresh	3.61	0.10	0.19	2.96	1.72	1.43
Cauliflowers, fresh	2.04	2.87	3.37	2.74	2.76	2.54
Leafy salads, fresh	0.62	1.63	2.23	0.77	1.31	1.10
Peas, fresh	0.20	0.11	1.26	0.22	0.45	0.17
Beans, fresh	0.40	0.50	3.11	0.82	1.21	0.27
Other fresh green vegetables	0.25	0.46	0.18	0.16	0.26	0.10
<i>Total fresh green vegetables</i>	<i>11.38</i>	<i>10.07</i>	<i>14.43</i>	<i>12.05</i>	<i>11.98</i>	<i>9.09</i>
Other processed vegetables						
Carrots, fresh	4.03	2.79	3.15	4.23	3.55	3.24
Turnips and swedes, fresh	1.80	0.67	0.51	1.62	1.15	0.98
Other root vegetables, fresh	0.97	0.37	0.54	1.09	0.74	0.57
Onions, shallots, leeks, fresh	3.83	2.95	3.21	3.80	3.45	3.12
Cucumbers, fresh	0.56	1.32	1.57	0.65	1.03	0.96
Mushrooms, fresh	0.66	0.61	0.60	0.59	0.62	0.60
Tomatoes, fresh	2.66	3.97	5.77	3.29	3.92	3.35
Miscellaneous fresh vegetables	0.98	0.88	1.88	1.42	1.29	1.12
<i>Total other fresh vegetables</i>	<i>15.50</i>	<i>13.56</i>	<i>17.23</i>	<i>16.68</i>	<i>15.74</i>	<i>13.93</i>
Processed vegetables						
Tomatoes, canned or bottled	1.74	1.48	1.37	1.50	1.52	1.52
Canned peas	2.40	2.41	2.35	2.28	2.36	2.36
Canned beans	4.44	3.99	3.97	4.08	4.12	4.12
Canned vegetables, other than pulses, potatoes or tomatoes	1.26	1.39	1.18	1.04	1.22	1.22
Dried pulses, other than air-dried	0.49	0.40	0.34	0.36	0.40	0.40
Air-dried vegetables	0.01	0.01	0.01	0.01	0.01	0.01
Vegetable juices (fl oz)	0.14	0.11	0.15	0.09	0.12	0.12
Chips, excluding frozen	0.94	1.07	1.32	1.02	1.09	1.08
Instant potato	0.07	0.08	0.09	0.08	0.08	0.08
Canned potato	0.09	0.16	0.12	0.14	0.13	0.13
Crisps and other potato products, not frozen	0.73	0.75	0.73	0.82	0.76	0.76
Other vegetable products	0.31	0.36	0.36	0.24	0.32	0.32
Frozen peas	1.89	2.03	1.52	1.76	1.80	1.80
Frozen beans	0.59	0.63	0.46	0.53	0.55	0.55
Frozen chips and other frozen convenience potato products	1.34	1.52	1.63	1.51	1.50	1.50
All frozen vegetables and frozen vegetable products, not specified elsewhere	1.07	1.08	1.03	0.93	1.03	1.03
<i>Total processed vegetables</i>	<i>17.51</i>	<i>17.48</i>	<i>16.64</i>	<i>16.39</i>	<i>17.01</i>	<i>16.99</i>
<i>Total vegetables</i>	<i>90.40</i>	<i>79.41</i>	<i>86.49</i>	<i>90.11</i>	<i>86.60</i>	<i>78.92</i>

TABLE 7—continued

(oz per person per week, except where otherwise stated)

	Consumption					Purchases
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Yearly average
FRUIT:						
Fresh						
Oranges	4.25	4.08	2.19	1.66	3.05	3.04
Other citrus fruit	2.74	1.61	1.05	2.26	1.92	1.91
Apples	7.54	7.32	6.66	7.61	7.28	6.52
Pears	1.20	0.85	1.25	1.33	1.16	1.13
Stone fruit	0.19	0.59	2.69	0.10	0.89	0.84
Grapes	0.23	0.32	0.90	0.83	0.57	0.57
Soft fruit, other than grapes	0.16	0.49	2.73	0.16	0.89	0.53
Bananas	2.97	3.24	3.33	2.94	3.12	3.12
Rhubarb	0.22	1.16	0.47	0.09	0.49	0.10
Other fresh fruit	0.15	0.41	1.47	0.37	0.60	0.60
Total fresh fruit	19.65	20.06	22.72	17.36	19.95	18.35
Canned peaches, pears and pineapples	1.17	1.51	1.51	1.41	1.40	1.40
Other canned or bottled fruit	1.23	1.26	1.20	1.16	1.21	1.20
Dried fruit and dried fruit products	0.60	0.67	0.63	1.52	0.86	0.85
Frozen fruit and frozen fruit products	0.11	0.07	0.03	0.08	0.07	0.07
Nuts and nut products	0.33	0.30	0.31	0.61	0.39	0.39
Fruit juices (fl oz)	3.25	4.11	4.53	4.06	3.99	3.98
Total other fruit and fruit products	6.70	7.91	8.22	8.84	7.92	7.89
Total fruit	26.35	27.97	30.94	26.20	27.87	26.24
CEREALS:						
White bread, large loaves, unsliced	5.44	5.87	4.60	5.02	5.23	5.22
White bread, large loaves, sliced	13.91	14.80	15.53	14.67	14.73	14.72
White bread, small loaves, unsliced	1.45	1.40	1.53	1.58	1.49	1.49
White bread, small loaves, sliced	0.37	0.34	0.39	0.48	0.40	0.40
Brown bread	3.81	3.78	3.33	3.54	3.62	3.61
Wholewheat and wholemeal bread	1.90	1.85	2.01	1.98	1.94	1.94
Other bread	3.88	3.76	3.98	3.72	3.84	3.83
Total bread	30.76	31.80	31.38	30.99	31.23	31.21
Flour	5.59	5.55	6.54	6.16	5.96	5.96
Buns, scones and teacakes	1.12	0.91	0.69	1.13	0.96	0.96
Cakes and pastries	2.65	2.82	2.81	2.96	2.81	2.81
Crispbread	0.23	0.29	0.25	0.26	0.26	0.26
Biscuits, other than chocolate biscuits	3.70	3.99	4.01	4.08	3.95	3.95
Chocolate biscuits	1.14	1.14	1.16	1.27	1.18	1.18
Oatmeal and oat products	0.49	0.39	0.28	0.68	0.46	0.46
Breakfast cereals	3.43	3.58	3.77	3.35	3.53	3.53
Canned milk puddings	1.06	0.95	0.91	1.15	1.02	1.02
Other puddings	0.16	0.09	0.10	0.31	0.17	0.16
Rice	1.04	0.68	0.68	0.92	0.83	0.83
Cereal-based invalid foods (including "slimming" foods)	0.01	0.02	0.01	0.02	0.02	0.02
Infant cereal foods	0.07	0.10	0.09	0.07	0.08	0.08
Frozen convenience cereal foods	0.53	0.57	0.64	0.71	0.61	0.61
Cereal convenience foods, including canned, not specified elsewhere	2.23	2.23	2.21	2.33	2.25	2.25
Other cereal foods	0.42	0.49	0.38	0.58	0.47	0.47
Total cereals	54.61	55.59	55.92	56.98	55.77	55.75
BEVERAGES:						
Tea	2.12	1.90	1.99	1.92	1.98	1.98
Coffee, bean and ground	0.08	0.13	0.13	0.11	0.11	0.11
Coffee, instant	0.54	0.51	0.49	0.53	0.52	0.52
Coffee, essences (fl oz)	0.03	0.01	0.02	0.03	0.02	0.02
Cocoa and drinking chocolate	0.17	0.10	0.15	0.19	0.15	0.15
Branded food drinks	0.17	0.15	0.10	0.21	0.16	0.16
Total beverages	3.12	2.80	2.89	2.99	2.95	2.95
MISCELLANEOUS:						
Baby foods, canned or bottled	0.22	0.18	0.17	0.18	0.19	0.19
Soups, canned	3.66	2.27	2.12	3.18	2.81	2.81
Soups, dehydrated and powdered	0.15	0.09	0.10	0.16	0.13	0.13
Accelerated-freeze-dried foods (excluding coffee)	—	—	—	—	—	—
Spreads and dressings	0.24	0.46	0.48	0.30	0.37	0.37
Pickles and sauces	1.98	1.92	2.00	2.15	2.01	2.00
Meat and yeast extracts	0.24	0.17	0.14	0.20	0.19	0.19
Table jelly, squares and crystals	0.26	0.32	0.30	0.32	0.30	0.30
Ice-cream, mousse (fl oz)	1.77	2.91	3.23	1.88	2.45	2.45
All frozen convenience foods, not specified elsewhere	...	...	...	...	...	...
Salt	1.11	0.87	0.88	1.04	0.98	0.98
Novel protein foods	0.02	0.04	0.02	0.01	0.02	0.02

TABLE 7—continued

(oz per person per week, except where otherwise stated)

Supplementary classification (a)(c)	Consumption					Purchases
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Yearly average
CHEESE:						
Natural hard:—						
Cheddar and Cheddar type	2-53	2-55	2-74	2-60	2-61	2-60
Other UK varieties or foreign equivalents	0-53	0-54	0-54	0-55	0-54	0-54
Edam and other continental	0-23	0-18	0-18	0-22	0-20	0-20
Natural soft	0-33	0-33	0-32	0-24	0-31	0-21
<i>Total natural cheese</i>	<i>3-62</i>	<i>3-60</i>	<i>3-78</i>	<i>3-61</i>	<i>3-65</i>	<i>3-65</i>
CARCASE MEAT:						
Beef:— joints (including sides) on the bone	0-67	0-09	0-02	0-08	0-22	0-21
joints, boned	2-09	2-23	2-00	2-10	2-11	2-10
steak, less expensive varieties	2-11	1-53	1-74	2-02	1-85	1-85
steak, more expensive varieties	1-07	0-85	1-03	0-86	0-95	0-95
minced	1-84	1-68	1-76	1-87	1-79	1-78
other, and veal	0-06	0-05	0-04	0-06	0-05	0-05
<i>Total beef and veal</i>	<i>7-85</i>	<i>6-42</i>	<i>6-59</i>	<i>6-99</i>	<i>6-96</i>	<i>6-94</i>
Mutton	0-09	0-10	0-08	0-11	0-10	0-10
Lamb:— joints (including sides)	2-49	2-28	3-37	2-30	2-61	2-60
chops (including cutlets and fillets)	1-11	1-12	1-21	1-06	1-13	1-12
all other	0-50	0-31	0-35	0-49	0-41	0-41
<i>Total mutton and lamb</i>	<i>4-20</i>	<i>3-81</i>	<i>5-02</i>	<i>3-95</i>	<i>4-25</i>	<i>4-23</i>
Pork:— joints (including sides)	1-66	1-49	1-71	1-68	1-64	1-63
chops	1-55	1-38	1-35	1-41	1-42	1-42
fillets and steaks	0-23	0-29	0-29	0-26	0-27	0-26
all other	0-50	0-45	0-54	0-46	0-49	0-49
<i>Total pork</i>	<i>3-94</i>	<i>3-61</i>	<i>3-89</i>	<i>3-82</i>	<i>3-82</i>	<i>3-80</i>
OTHER MEAT AND MEAT PRODUCTS:						
Liver:— ox	0-11	0-09	0-11	0-11	0-11	0-11
lambs	0-39	0-34	0-33	0-42	0-37	0-37
pigs	0-30	0-22	0-21	0-24	0-24	0-24
other	0-01	0-02	0-02	0-02	0-02	0-02
<i>Total liver</i>	<i>0-81</i>	<i>0-67</i>	<i>0-67</i>	<i>0-78</i>	<i>0-73</i>	<i>0-73</i>
Bacon and ham uncooked:—						
joints (including sides and steaks cut from joint)	1-09	1-17	1-06	1-05	1-09	1-09
rashers, vacuum packed	0-84	0-62	0-61	0-74	0-70	0-70
rashers, not vacuum-packed	2-38	2-39	2-36	2-24	2-34	2-34
<i>Total bacon and ham, uncooked</i>	<i>4-32</i>	<i>4-18</i>	<i>4-03</i>	<i>4-03</i>	<i>4-14</i>	<i>4-14</i>
Poultry, uncooked, including frozen:—						
chicken, other than broilers	1-52	1-61	1-37	1-47	1-49	1-46
turkey	0-56	1-06	0-63	1-38	0-91	0-90
all other	0-10	0-06	0-05	0-12	0-08	0-08
<i>Total poultry, uncooked, other than broilers</i>	<i>2-19</i>	<i>2-72</i>	<i>2-05</i>	<i>2-97</i>	<i>2-48</i>	<i>2-44</i>
Debatessen-type sausages	0-30	0-33	0-32	0-27	0-31	0-31
Meat pastes and spreads	0-10	0-08	0-12	0-10	0-10	0-10
Meat pies, pasties and puddings	1-17	0-99	1-12	1-15	1-11	1-11
Ready meals	0-49	0-53	0-60	0-49	0-53	0-53
Other meat products, not specified elsewhere	0-64	0-52	0-51	0-50	0-54	0-54
<i>Total other meat products</i>	<i>2-71</i>	<i>2-45</i>	<i>2-67</i>	<i>2-51</i>	<i>2-59</i>	<i>2-58</i>
FATS						
Butter:— New Zealand	1-13	1-35	1-04	1-00	1-13	1-13
Danish	0-79	0-53	0-66	0-51	0-62	0-62
UK	0-80	0-89	0-90	0-99	0-90	0-89
other	1-20	0-97	0-96	1-04	1-04	1-04
<i>Total butter</i>	<i>3-92</i>	<i>3-74</i>	<i>3-56</i>	<i>3-54</i>	<i>3-69</i>	<i>3-69</i>
Margarine:— soft	2-77	2-77	2-76	2-95	2-81	2-81
other	1-18	1-19	1-30	1-52	1-30	1-30
<i>Total margarine</i>	<i>3-95</i>	<i>3-97</i>	<i>4-06</i>	<i>4-47</i>	<i>4-11</i>	<i>4-11</i>

(a) See Appendix A, Tables 7 and 7a for further details of the classification of foods.

(b) These foods are given in greater detail in this table under "Supplementary classifications".

(c) Supplementary data for certain foods in greater detail than shown elsewhere in the table; the totals for each main food are repeated for ease of reference.

TABLE 8

Household expenditure on individual foods (a): quarterly and annual national averages, 1981

(pence per person per week)

	Expenditure					Percentage of all households purchasing each type of food during Survey week
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	
MILK AND CREAM:						
Liquid milk						
Full price	72.23	72.07	71.64	72.02	71.99	96
Welfare	—	—	—	—	—	—
School	0.04	0.05	0.01	0.05	0.04	...
<i>Total liquid milk</i>	<i>72.27</i>	<i>72.11</i>	<i>71.65</i>	<i>72.07</i>	<i>72.03</i>	<i>96</i>
Condensed milk	1.87	1.60	2.08	2.37	1.98	14
Dried milk, branded	0.70	0.99	0.92	1.21	0.96	1
Instant milk	1.30	1.10	1.36	1.31	1.27	5
Yoghurt	3.81	4.73	4.56	3.91	4.25	22
Other milk	0.98	1.53	1.50	1.65	1.42	5
Cream	3.09	3.62	4.05	3.15	3.48	16
<i>Total milk and cream</i>	<i>84.03</i>	<i>85.67</i>	<i>86.12</i>	<i>85.67</i>	<i>85.38</i>	<i>99</i>
CHEESE:						
Natural (c)	23.08	23.12	25.58	25.34	24.28	66
Processed	1.57	1.88	1.90	1.87	1.81	12
<i>Total cheese</i>	<i>24.66</i>	<i>25.00</i>	<i>27.48</i>	<i>27.21</i>	<i>26.09</i>	<i>69</i>
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal (c)	62.61	54.32	56.46	59.58	58.24	56
Mutton and lamb (c)	23.69	24.44	31.22	25.68	26.26	31
Pork (c)	23.12	22.06	23.68	24.62	23.37	33
<i>Total carcase meat</i>	<i>109.42</i>	<i>100.82</i>	<i>111.36</i>	<i>109.88</i>	<i>107.87</i>	<i>75</i>
Other meat and meat products						
Liver (c)	3.17	2.87	2.73	3.40	3.04	16
Offals, other than liver	1.38	0.96	1.10	1.21	1.16	6
Bacon and ham, uncooked (c)	27.68	27.25	26.64	28.88	27.61	62
Bacon and ham, cooked, including canned	9.00	11.15	12.12	9.31	10.40	39
Cooked poultry, not purchased in cans	2.34	2.19	2.48	2.10	2.28	6
Corned meat	4.18	5.08	5.28	4.87	4.85	21
Other cooked meat, not purchased in cans	3.71	3.63	5.44	4.32	4.28	21
Other canned meat and canned meat products	4.75	5.07	5.32	5.48	5.16	20
Broiler chicken, uncooked, including frozen	16.34	16.27	20.14	19.56	18.08	27
Other poultry, uncooked, including frozen (c)	8.64	10.28	8.83	12.10	9.96	9
Rabbit and other meat	0.45	0.38	0.34	0.66	0.46	1
Sausages, uncooked, pork	7.47	7.63	7.26	8.07	7.61	29
Sausages, uncooked, beef	5.93	6.21	6.22	7.10	6.37	24
Meat pies and sausage rolls ready-to-eat	3.26	4.25	4.49	4.03	4.01	19
Frozen convenience meats or frozen convenience meat products	8.31	7.55	8.29	8.61	8.19	19
Other meat products (c)	16.59	15.77	18.33	16.63	16.84	47
<i>Total other meat and meat products</i>	<i>123.17</i>	<i>126.57</i>	<i>135.03</i>	<i>136.35</i>	<i>130.28</i>	<i>94</i>
<i>Total meat and meat products</i>	<i>232.59</i>	<i>227.39</i>	<i>246.39</i>	<i>246.23</i>	<i>238.15</i>	<i>97</i>
FISH:						
White, filleted, fresh	6.58	7.03	6.03	6.20	6.46	16
White, unfileted, fresh	0.75	1.16	0.97	0.93	0.95	2
White, uncooked, frozen	4.19	3.29	3.25	3.53	3.57	9
Herrings, filleted, fresh	0.05	0.04	0.13	0.10	0.08	...
Herrings, unfileted, fresh	0.13	0.07	0.04	0.15	0.10	...
Fat, fresh, other than herrings	0.76	0.81	0.88	1.07	0.88	2
White, processed	1.83	1.85	1.45	1.60	1.68	5
Fat, processed, filleted	0.81	0.92	0.92	1.36	1.00	3
Fat, processed, unfileted	0.09	0.08	0.11	0.25	0.13	1
Shellfish	0.98	1.23	1.48	1.34	1.26	3
Cooked fish	5.82	6.80	7.20	6.88	6.68	17
Canned salmon	2.17	2.83	2.65	2.61	2.57	8
Other canned or bottled fish	2.13	2.85	2.80	2.14	2.48	14
Fish products, not frozen	1.10	1.02	1.18	1.31	1.15	9
Frozen convenience fish products	4.76	6.07	5.58	5.11	5.38	18
<i>Total fish</i>	<i>32.16</i>	<i>36.04</i>	<i>34.66</i>	<i>34.57</i>	<i>34.36</i>	<i>67</i>

TABLE 8—continued

(pence per person per week)

	Expenditure					Percentage of all households purchasing each type of food during Survey week
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	
EGGS	19·76	19·85	20·00	21·90	20·38	72
FATS						
Butter (c)	18·02	17·47	17·34	18·08	17·73	51
Margarine (c)	8·90	8·78	9·07	9·93	9·17	48
Lard and compound cooking fat	2·75	2·87	2·75	3·08	2·86	30
Vegetable and salad oils	2·22	1·66	1·57	1·88	1·83	7
All other fats	1·83	1·99	1·84	2·13	1·95	12
<i>Total fats</i>	<i>33·71</i>	<i>32·78</i>	<i>32·58</i>	<i>35·10</i>	<i>33·54</i>	<i>81</i>
SUGAR AND PRESERVES:						
Sugar	11·97	11·22	12·83	14·36	12·60	55
Jams, jellies and fruit curds	2·10	2·14	2·25	2·38	2·22	15
Marmalade	1·63	1·65	1·53	1·59	1·60	11
Syrup, treacle	0·52	0·50	0·34	0·55	0·48	3
Honey	0·95	0·80	0·86	0·98	0·90	3
<i>Total sugar and preserves</i>	<i>17·17</i>	<i>16·30</i>	<i>17·81</i>	<i>19·86</i>	<i>17·79</i>	<i>64</i>
VEGETABLES						
Old potatoes						
January—August						
not prepacked	10·64	7·54	0·12	—	4·58	na
prepacked	2·03	1·51	0·03	—	0·89	
New potatoes						
January—August						
not prepacked	0·67	0·06	10·96	—	5·17	
prepacked	0·07	0·44	1·02	—	0·38	
Potatoes						
September—December						
not prepacked	—	—	5·33	14·98	5·08	
prepacked	—	—	0·96	3·55	1·13	
<i>Total fresh potatoes</i>	<i>13·41</i>	<i>18·56</i>	<i>18·43</i>	<i>18·53</i>	<i>17·23</i>	<i>62(b)</i>
Cabbages, fresh	3·01	3·94	2·83	2·72	3·13	30
Brussels sprouts, fresh	2·46	0·07	0·24	3·09	1·47	16
Cauliflowers, fresh	2·47	3·04	3·42	2·76	2·92	22
Leafy salads, fresh	2·52	4·50	3·29	1·92	3·06	33
Peas, fresh	0·03	0·02	0·78	0·02	0·21	1
Beans, fresh	0·08	0·12	1·41	0·24	0·46	3
Other fresh green vegetables	0·28	0·22	0·14	0·28	0·23	2
<i>Total fresh green vegetables</i>	<i>10·85</i>	<i>11·91</i>	<i>12·10</i>	<i>11·01</i>	<i>11·47</i>	<i>67</i>
Carrots, fresh	2·78	3·08	2·42	2·57	2·71	36
Turnips and swedes, fresh	0·98	0·44	0·32	0·95	0·67	11
Other root vegetables, fresh	0·95	0·70	0·62	1·13	0·85	9
Onions, shallots, leeks, fresh	3·13	3·85	3·47	3·13	3·40	40
Cucumbers, fresh	1·62	2·79	2·21	1·31	1·98	24
Mushrooms, fresh	3·50	3·08	2·98	2·98	3·14	22
Tomatoes, fresh	7·35	12·48	8·93	5·07	8·46	53
Miscellaneous fresh vegetables	2·40	2·62	2·87	2·47	2·59	16
<i>Total other fresh vegetables</i>	<i>22·70</i>	<i>29·04</i>	<i>23·81</i>	<i>19·61</i>	<i>23·79</i>	<i>80</i>
Tomatoes, canned or bottled	1·77	1·47	1·31	1·41	1·49	20
Canned peas	3·09	3·07	3·15	3·04	3·09	29
Canned beans	5·32	4·77	4·96	5·26	5·08	42
Canned vegetables, other than pulses, potatoes or tomatoes	2·38	2·59	2·18	2·11	2·32	19
Dried pulses, other than air-dried	0·91	0·85	0·95	0·85	0·89	7
Air-dried vegetables	0·14	0·16	0·13	0·14	0·14	1
Vegetable juices	0·35	0·31	0·41	0·26	0·33	3
Chips, excluding frozen	3·29	3·97	4·79	3·79	3·96	21
Instant potato	0·33	0·36	0·38	0·35	0·36	3
Canned potato	0·15	0·27	0·21	0·27	0·23	2
Crisps and other potato products, not frozen	5·84	5·98	5·98	6·56	6·09	31
Other vegetable products	1·24	1·50	1·60	1·29	1·41	10
Frozen peas	3·84	4·43	3·40	3·80	3·87	19
Frozen beans	1·28	1·52	1·13	1·24	1·29	7
Frozen chips and other frozen convenience potato products	2·31	2·82	2·91	2·66	2·68	10
All frozen vegetables and frozen vegetable products, not specified elsewhere	2·57	2·51	2·64	2·38	2·53	10
<i>Total processed vegetables</i>	<i>34·78</i>	<i>36·58</i>	<i>36·12</i>	<i>35·41</i>	<i>35·72</i>	<i>82</i>
<i>Total vegetables</i>	<i>81·74</i>	<i>96·09</i>	<i>90·46</i>	<i>84·56</i>	<i>88·21</i>	<i>97</i>

TABLE 8—continued

(pence per person per week)

	Expenditure					Percentage of all households purchasing each type of food during Survey week
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	
FRUIT:						
Fresh						
Oranges	5.47	5.20	3.17	2.52	4.09	27
Other citrus fruit	3.88	2.21	1.55	3.84	2.87	21
Apples	7.87	10.22	8.71	10.68	9.37	51
Pears	1.54	1.31	1.74	1.89	1.62	13
Stone fruit	0.62	1.73	5.71	0.31	2.09	10
Grapes	0.80	1.23	2.29	1.89	1.55	8
Soft fruit, other than grapes	0.01	1.16	4.85	0.08	1.53	5
Bananas	4.76	5.48	5.51	5.03	5.20	34
Rhubarb	0.18	0.21	0.08	—	0.12	1
Other fresh fruit	0.39	0.99	2.30	0.72	1.10	5
Total fresh fruit	25.52	29.72	35.91	26.95	29.53	77
Canned peaches, pears and pineapples						
Other canned or bottled fruit	2.20	2.71	2.79	2.54	2.56	19
Dried fruit and dried fruit products	2.58	2.78	2.63	2.60	2.65	17
Frozen fruit and frozen fruit products	2.22	2.43	2.37	5.15	3.04	13
Nuts and nut products	0.43	0.32	0.10	0.35	0.30	1
Fruit juices	1.84	1.72	1.86	3.51	2.23	10
5.08	6.08	6.42	6.12	5.93	23	
Total other fruit and fruit products	14.36	16.04	16.17	20.28	16.71	54
Total fruit	39.88	45.76	52.08	47.23	46.24	84
CEREALS:						
White bread, large loaves, unsliced	7.43	8.00	6.44	7.07	7.24	25
White bread, large loaves, sliced	17.16	18.15	19.45	18.28	18.26	50
White bread, small loaves, unsliced	2.63	2.55	2.85	2.92	2.74	16
White bread, small loaves, sliced	0.66	0.63	0.73	0.92	0.74	5
Brown bread	6.04	6.01	5.46	5.80	5.83	31
Wholewheat and wholemeal bread	2.92	2.97	3.23	3.22	3.09	14
Other bread	9.23	9.16	10.25	9.68	9.58	45
Total bread	46.06	47.46	48.41	47.89	47.46	94
Flour	3.81	4.04	4.50	4.59	4.24	22
Buns, scones and teacakes	3.46	3.32	2.48	3.65	3.23	22
Cakes and pastries	12.71	13.94	14.35	15.17	14.04	46
Crispbread	0.95	1.22	1.02	1.08	1.07	10
Biscuits, other than chocolate biscuits	11.46	12.47	12.54	13.46	12.48	60
Chocolate biscuits	7.21	7.28	7.36	7.89	7.44	33
Oatmeal and oat products	0.84	0.72	0.58	1.20	0.84	6
Breakfast cereals	10.30	11.16	12.29	11.18	11.23	41
Canned milk puddings	1.51	1.39	1.38	1.78	1.52	12
Other puddings	0.62	0.38	0.42	1.46	0.72	4
Rice	1.79	1.22	1.26	1.70	1.49	7
Cereal based invalid foods (including "slim- ming" foods)	0.15	0.11	0.15	0.20	0.15	...
Infant cereal foods	0.56	0.89	0.80	0.64	0.72	2
Frozen convenience cereal foods	3.19	3.50	3.85	4.17	3.68	11
Cereal convenience foods, including canned, not specified elsewhere	7.42	7.33	7.58	8.02	7.59	38
Other cereal foods	1.02	1.08	0.91	1.22	1.06	7
Total cereals	113.07	117.52	119.87	125.31	118.95	98
BEVERAGES:						
Tea	14.03	12.42	12.83	12.29	12.89	50
Coffee, bean and ground	1.03	1.67	1.71	1.33	1.44	3
Coffee, instant	11.25	10.51	10.18	10.63	10.64	29
Coffee, essences	0.25	0.05	0.18	0.21	0.17	1
Cocoa and drinking chocolate	1.10	0.75	0.96	1.16	0.99	4
Branded food drinks	0.82	0.71	0.49	1.08	0.78	3
Total beverages	28.49	26.12	26.35	26.71	26.92	66

TABLE 8—*continued*
(pence per person per week)

	Expenditure					Percentage of all households purchasing each type of food during Survey week
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	
MISCELLANEOUS:						
Baby foods, canned or bottled	0·77	0·77	0·69	0·75	0·74	2
Soups, canned	5·55	3·70	3·58	5·24	4·52	26
Soups, dehydrated and powdered	1·58	0·87	1·11	1·96	1·38	8
Accelerated freeze-dried foods (excluding coffee)	—	—	—	—	—	—
Spreads and dressings	1·09	1·95	2·13	1·47	1·66	10
Pickles and sauces	5·54	5·29	5·57	6·12	5·63	30
Meat and yeast extracts	2·70	1·85	1·69	2·27	2·13	15
Table jelly, squares and crystals	0·72	0·92	0·86	0·92	0·86	11
Ice-cream, mousse	3·63	5·92	7·29	3·86	5·18	17
All frozen convenience foods, not specified elsewhere	0·03	0·02	0·02	0·01	0·02	...
Salt	0·74	0·58	0·57	0·68	0·64	9
Artificial sweeteners (expenditure only)	0·14	0·09	0·17	0·17	0·14	1
Miscellaneous (expenditure only)	4·23	3·79	4·77	4·47	4·32	28
Novel protein foods	0·13	0·26	0·15	0·09	0·16	1
<i>Total miscellaneous</i>	<i>26·85</i>	<i>26·02</i>	<i>28·61</i>	<i>28·00</i>	<i>27·37</i>	<i>66</i>
<i>Total expenditure</i>	<i>£7·34</i>	<i>£7·55</i>	<i>£7·82</i>	<i>£7·82</i>	<i>£7·63</i>	<i>100</i>
Supplementary classifications (a) (b)						
CHEESE:						
Natural, hard:—						
Cheddar and Cheddar type	15·84	16·08	18·37	17·73	17·01	52
Other UK varieties or foreign equivalents	3·62	3·61	3·83	4·06	3·78	14
Edam and other continental	1·53	1·24	1·32	1·62	1·43	7
Natural, soft	2·10	2·19	2·06	1·93	2·07	10
<i>Total natural cheese</i>	<i>23·08</i>	<i>23·12</i>	<i>25·58</i>	<i>25·34</i>	<i>24·28</i>	<i>66</i>
CARCASE MEAT:						
Beef:— joints (including sides) on the bone						
joints, boned	19·30	20·35	18·91	19·62	19·55	15
steak, less expensive varieties	14·92	11·88	13·12	15·60	13·88	24
steak, more expensive varieties	13·28	11·01	13·57	11·61	12·37	14
minced	10·20	9·99	10·37	11·65	10·55	27
other, and veal	0·48	0·47	0·32	0·36	0·41	1
<i>Total beef and veal</i>	<i>62·61</i>	<i>54·32</i>	<i>56·46</i>	<i>59·58</i>	<i>58·24</i>	<i>56</i>
Mutton						
Lamb:— joints (including sides)						
chops (including cutlets and fillets)	7·85	8·37	9·18	8·39	8·45	18
all other	1·82	1·06	1·11	2·07	1·52	4
<i>Total mutton and lamb</i>	<i>23·69</i>	<i>24·44</i>	<i>31·22</i>	<i>25·68</i>	<i>26·26</i>	<i>31</i>
Pork:— joints (including sides)						
chops	10·17	9·61	9·71	10·22	9·93	20
fillets and steaks	1·74	2·47	2·30	2·20	2·18	4
all other	2·09	1·99	2·67	2·26	2·25	6
<i>Total pork</i>	<i>23·12</i>	<i>22·06</i>	<i>23·68</i>	<i>24·62</i>	<i>23·27</i>	<i>33</i>
OTHER MEAT AND MEAT PRODUCTS:						
Liver:— ox						
lamb	0·34	0·36	0·38	0·32	0·35	2
pigs	1·84	1·65	1·60	2·10	1·80	9
other	0·93	0·71	0·64	0·91	0·80	5
<i>Total liver</i>	<i>3·17</i>	<i>2·87</i>	<i>2·73</i>	<i>3·40</i>	<i>3·04</i>	<i>16</i>
Bacon and ham, uncooked:—						
joints (including sides and steaks cut from joint)	6·58	7·14	6·57	7·09	6·85	12
rashers, vacuum-packed	6·14	4·82	4·71	5·96	5·41	15
rashers, not vacuum-packed	14·95	15·29	15·36	15·82	15·36	45
<i>Total bacon and ham, uncooked</i>	<i>27·68</i>	<i>27·25</i>	<i>26·64</i>	<i>28·82</i>	<i>27·61</i>	<i>62</i>
Poultry, uncooked, including frozen:—						
chicken, other than broilers	4·95	5·36	5·04	5·23	5·15	5
turkey	3·24	4·65	3·52	6·11	4·38	4
all other	0·45	0·26	0·28	0·75	0·44	...
<i>Total poultry, uncooked, other than broilers</i>	<i>8·64</i>	<i>10·28</i>	<i>8·83</i>	<i>12·10</i>	<i>9·96</i>	<i>9</i>

TABLE 8—continued

(pence per person per week)

	Expenditure					Percentage of all households purchasing each type of food during Survey week
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	
OTHER MEAT AND MEAT PRODUCTS:—continued						
Delicatessen-type sausages	2·17	2·45	2·40	2·12	2·29	13
Meat pastes and spreads	0·95	0·76	1·14	1·05	0·98	8
Meat pies, pasties and puddings	5·47	4·87	5·71	5·86	5·48	21
Ready meals	4·95	5·00	6·26	4·82	5·26	8
Other meat products, not specified elsewhere	3·06	2·70	2·82	2·79	2·84	14
<i>Total other meat products</i>	<i>16·59</i>	<i>15·77</i>	<i>18·33</i>	<i>16·65</i>	<i>16·84</i>	<i>47</i>
FATS:						
Butter:— New Zealand	5·10	6·15	4·92	5·05	5·31	16
Danish	3·81	2·66	3·41	2·74	3·16	10
UK	3·60	4·19	4·37	5·00	4·29	14
other	5·51	4·47	4·64	5·30	4·98	16
<i>Total butter</i>	<i>18·02</i>	<i>17·47</i>	<i>17·34</i>	<i>18·08</i>	<i>17·73</i>	<i>51</i>
Margarine:— soft	6·25	6·12	6·15	6·50	6·26	34
other	2·64	2·66	2·92	3·43	2·91	19
<i>Total margarine</i>	<i>8·90</i>	<i>8·78</i>	<i>9·07</i>	<i>9·93</i>	<i>9·17</i>	<i>48</i>

(a) See Appendix A, Tables 7 and 7a for further details of the classification of foods.

(b) These foods were not available during certain months; the proportion of households purchasing such foods in each quarter is given in Table 10 below.

(c) These foods are also given in greater detail in this table under "Supplementary classifications".

(d) Supplementary data for certain foods in greater detail than shown elsewhere in the table; the totals for each main food are repeated, for ease of reference.

TABLE 9

*Household food prices (a): quarterly and annual national averages.
individual foods (b), 1981*

	Average prices paid in 1981				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
MILK AND CREAM:					
Liquid milk, full price	18.54	18.62	18.61	18.71	18.61
Condensed milk	18.20	19.08	19.20	19.52	18.99
Dried milk, branded	21.46	21.50	20.69	21.90	21.39
Instant milk	10.82	10.93	11.01	11.49	11.04
Yoghurt	49.11	50.94	49.61	50.52	50.03
Other milk	31.71	27.93	23.01	25.48	26.32
Cream	130.78	136.43	131.32	135.71	133.34
CHEESE:					
Natural (c)	102.12	102.83	108.52	112.19	106.20
Processed	119.70	122.72	124.68	123.16	122.60
MEAT AND MEAT PRODUCTS:					
Carcass meat					
Beef and veal (c)	128.10	135.92	137.40	136.50	134.00
Mutton and lamb (c)	91.01	103.43	99.70	104.15	99.11
Pork (c)	94.40	98.51	97.92	103.31	98.26
Other meat and meat products					
Liver (c)	62.76	68.67	65.31	69.51	66.30
Offals, other than liver	56.53	67.38	60.34	59.92	60.21
Bacon and ham, uncooked (c)	102.59	104.37	105.93	114.64	106.47
Bacon and ham, cooked, including canned	142.65	145.84	150.67	152.05	147.67
Cooked poultry, not purchased in cans	136.13	133.68	138.36	145.66	137.99
Comed meat	116.74	120.35	122.64	128.03	121.73
Other cooked meat, not purchased in cans	135.31	135.65	137.74	137.34	136.62
Other canned meat and canned meat products	60.80	65.07	67.19	64.67	64.37
Broiler chicken, uncooked, including frozen	60.66	63.56	65.94	65.47	63.91
Other poultry, uncooked, including frozen (c)	65.00	61.85	69.38	66.29	65.43
Rabbit and other meat	69.00	68.58	76.83	82.92	74.44
Sausages, uncooked, pork	66.00	66.59	70.17	71.06	68.30
Sausages, uncooked, beef	60.49	63.33	62.76	65.89	63.04
Meat pies and sausage rolls, ready-to-eat	80.80	78.93	82.32	85.29	81.69
Frozen convenience meats or frozen convenience meat products	90.95	92.58	91.53	91.89	91.69
Other meat products (c)	98.17	103.02	110.16	106.07	104.17
FISH					
White, filleted, fresh	102.43	105.19	105.05	104.35	104.20
White, unfileted, fresh	86.04	77.28	83.84	88.03	83.03
White, uncooked, frozen	98.49	101.42	103.22	102.33	101.06
Herrings, filleted, fresh	77.07	96.84	86.42	93.20	87.64
Herrings, unfileted, fresh	59.96	55.42	84.00	70.73	64.20
Fat, fresh, other than herrings	88.39	91.56	112.06	105.39	98.93
White, processed	115.30	120.38	110.29	119.07	116.25
Fat, processed, filleted	103.04	102.32	96.92	112.07	103.87
Fat, processed, unfileted	77.33	72.00	77.13	81.66	78.18
Shellfish	203.05	192.14	282.32	226.36	224.55
Cooked fish	131.78	134.64	140.80	136.13	135.92
Canned salmon	162.46	150.49	161.52	173.10	160.94
Other canned or bottled fish	90.75	88.29	93.26	96.08	91.71
Fish products, not frozen	114.50	123.30	136.36	134.88	126.69
Frozen convenience fish products	99.07	101.25	98.56	100.44	99.82
EGGS					
	5.59	5.65	5.62	6.19	5.75
FATS					
Butter (c)	73.62	74.81	77.95	81.64	76.69
Margarine (c)	36.08	35.44	35.72	35.51	35.70
Lard and compound cooking fat	24.71	25.88	25.20	25.90	25.40
Vegetable and salad oils	43.54	41.07	39.91	39.84	41.29
All other fats	51.39	51.12	56.68	60.06	54.47
SUGAR AND PRESERVES:					
Sugar	17.44	17.77	18.11	19.32	18.14
Jams, jellies and fruit curds	37.82	38.23	40.11	41.50	39.34
Marmalade	34.16	35.26	36.72	37.43	35.75
Syrup, treacle	35.01	33.09	35.71	38.90	35.51
Honey	68.93	71.82	70.69	70.16	70.29

TABLE 9—continued

	Average prices paid in 1981				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
VEGETABLES:					
Old potatoes					
January—August					
not prepacked	4.57	5.58	6.11	—	4.92
prepacked	6.16	6.68	6.82	—	6.37
New potatoes					
January—August					
not prepacked	13.34	12.78	9.51	—	10.81
prepacked	11.47	12.02	9.75	—	10.38
Potatoes					
September—December					
not prepacked	—	—	7.63	6.91	7.11
prepacked	—	—	8.28	8.39	8.37
Fresh					
Cabbages	13.15	16.44	15.18	12.61	14.38
Brussels sprouts	13.40	18.72	22.71	19.27	16.07
Cauliflowers	20.61	19.66	17.36	16.94	18.50
Leafy salads	65.66	49.55	32.53	43.64	44.76
Peas	86.00	44.40	18.44	48.82	19.57
Beans	82.89	31.11	24.59	40.11	27.05
Other green vegetables	45.77	28.42	37.54	36.60	36.65
Carrots	11.85	18.59	13.87	10.87	13.41
Turnips and swedes	10.22	11.56	12.22	11.30	10.97
Other root vegetables	19.46	35.43	28.78	21.70	23.85
Onions, shallots, leeks	14.81	22.34	19.12	14.65	17.46
Cucumbers	46.85	33.97	26.23	33.89	23.21
Mushrooms	86.29	81.65	81.54	83.18	83.31
Tomatoes	44.94	50.68	31.89	34.16	40.47
Miscellaneous fresh vegetables	40.66	49.53	31.28	32.54	37.20
Processed					
Tomatoes, canned or bottled	16.28	16.02	15.28	15.05	15.72
Canned peas	20.67	20.33	21.49	21.36	20.94
Canned beans	19.16	19.16	19.98	20.62	19.68
Canned vegetables, other than pulses, potatoes or tomatoes	30.24	29.79	29.41	32.54	30.34
Dried pulses, other than air-dried	29.34	34.25	44.60	37.73	35.53
Air-dried vegetables	244.83	180.53	203.93	199.43	204.50
Vegetable juices	51.17	55.07	55.75	56.07	54.26
Chips, excluding frozen	56.25	59.08	58.79	59.27	58.36
Instant potato	75.73	74.71	70.45	73.48	73.46
Canned potato	27.35	27.99	27.73	30.77	28.50
Crisps and other potato products, not frozen	127.06	127.10	130.77	127.55	128.10
Other vegetable products	64.24	67.19	72.07	84.96	70.83
Frozen peas	32.43	34.88	35.82	34.43	34.28
Frozen beans	34.61	38.46	39.18	37.74	37.34
Frozen chips and other frozen convenience potato products	27.57	29.68	28.53	28.24	28.52
All frozen vegetables and frozen vegetable products, not specified elsewhere	38.61	37.01	40.83	41.21	39.28
FRUIT:					
Fresh					
Oranges	20.56	20.42	23.18	24.26	21.43
Other citrus fruit	22.63	22.19	23.74	27.18	23.88
Apples	19.80	23.24	23.07	25.67	22.83
Pears	20.68	24.83	23.02	24.02	22.93
Stone fruit	68.09	49.44	35.58	62.21	39.89
Grapes	54.99	63.05	40.87	36.18	44.01
Soft fruit, other than grapes	151.11	77.90	41.82	174.22	46.28
Bananas	25.68	27.09	26.51	27.42	26.63
Rhubarb	27.58	15.28	13.69	—	18.22
Other fresh fruit	42.93	38.26	25.02	31.33	29.34
Canned peaches, pears and pineapples	30.06	28.80	29.60	28.82	29.32
Other canned or bottled fruit	34.43	35.50	35.43	36.25	35.35
Dried fruit and dried fruit products	59.51	58.38	59.93	54.41	57.29
Frozen fruit and frozen fruit products	65.65	71.92	48.41	68.80	65.85
Nuts and nut products	88.22	93.40	95.02	92.63	92.22
Fruit juices	31.34	29.60	28.41	30.19	29.78

TABLE 9—continued

	Average prices paid in 1981				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
CEREALS:					
White bread, large loaves, unsliced	21·85	21·80	22·50	22·56	22·13
White bread, large loaves, sliced	19·75	19·63	20·05	19·95	19·85
White bread, small loaves, unsliced	28·97	29·18	29·82	29·61	29·39
White bread, small loaves, sliced	29·01	29·53	30·13	30·49	29·81
Brown bread	25·35	25·46	26·25	26·24	25·78
Wholewheat and wholemeal bread	24·53	25·68	25·63	25·96	25·42
Other bread	38·04	39·06	41·40	41·57	39·94
Flour	10·90	11·65	11·01	11·91	11·34
Buns, scones and teacakes	49·52	58·29	57·53	51·67	53·62
Cakes and pastries	76·95	79·27	81·59	82·05	79·92
Crispbread	66·33	67·43	65·97	66·75	66·64
Biscuits, other than chocolate biscuits	49·55	49·97	50·05	52·77	50·53
Chocolate biscuits	101·69	102·19	101·54	99·10	101·15
Oatmeal and oat products	27·76	29·53	33·62	28·18	29·19
Breakfast cereals	48·07	49·92	52·15	53·44	50·78
Canned milk puddings	22·87	23·27	24·13	24·75	23·73
Other puddings	63·42	67·45	66·84	74·33	69·27
Rice	27·45	28·57	29·37	29·54	28·59
Cereal-based invalid foods (including "slimming" foods)	158·27	122·47	171·60	170·70	156·12
Infant cereal foods	128·15	146·46	137·53	150·77	140·39
Frozen convenience cereal foods	96·65	98·85	96·88	93·87	96·49
Cereal convenience foods, including canned, not specified elsewhere	53·35	52·60	54·96	55·20	54·00
Other cereal foods	38·88	35·59	37·89	33·85	36·42
BEVERAGES:					
Tea	105·97	104·50	102·98	102·24	104·05
Coffee, bean and ground	200·75	208·71	208·90	194·65	204·12
Coffee, instant	335·42	329·04	330·26	322·19	329·59
Coffee, essences	153·06	161·67	151·83	152·50	153·21
Cocoa and drinking chocolate	101·83	115·07	101·31	99·23	103·22
Branded food drinks	76·26	76·17	78·72	80·97	78·06
MISCELLANEOUS:					
Baby foods, canned or bottled	56·77	68·79	66·32	67·55	64·12
Soups, canned	24·25	26·15	27·01	26·41	25·70
Soups, dehydrated and powdered	173·31	149·49	176·30	194·83	175·70
Accelerated freeze-dried foods (excluding coffee)	—	—	—	—	—
Spreads and dressings	71·67	67·34	71·35	77·77	71·33
Pickles and sauces	45·11	44·27	44·73	46·13	45·05
Meat and yeast extracts	178·89	177·81	196·05	184·10	183·13
Table jelly, squares and crystals	45·12	46·30	45·00	45·91	45·59
Ice-cream, mousse	32·85	32·58	36·16	32·91	33·90
All frozen convenience foods, not specified elsewhere	99·33	69·54	113·07	105·33	91·83
Salt	10·67	10·70	10·33	10·47	10·55
Novel protein foods	105·40	108·06	99·11	97·88	103·87
<i>Supplementary classifications (b) (d)</i>					
CHEESE					
Natural hard:—					
Cheddar and Cheddar type	100·26	100·91	107·46	109·02	104·30
Other UK varieties or foreign equivalents	109·79	108·04	112·68	117·63	111·89
Edam and other continental	105·10	110·45	117·72	120·31	112·76
Natural soft	102·01	105·04	105·36	126·40	108·01
<i>Total natural cheese</i>	<i>102·12</i>	<i>102·83</i>	<i>108·52</i>	<i>112·19</i>	<i>106·20</i>
CARCASE MEAT:					
Beef:—joints (including sides) on the bone	107·09	110·83	131·66	143·29	110·94
joints, boned	148·12	147·37	151·39	149·74	149·08
steak, less expensive varieties	113·17	124·24	120·71	123·40	119·74
steak, more expensive varieties	199·07	209·01	210·76	216·97	208·04
minced	89·09	95·46	94·81	99·70	94·49
other, and veal	119·12	154·11	141·32	103·14	127·45
<i>Total beef and veal</i>	<i>128·10</i>	<i>135·92</i>	<i>137·40</i>	<i>136·50</i>	<i>134·00</i>
Mutton	78·95	82·12	82·19	86·07	82·30
Lamb:—joints (including sides)	87·85	102·46	97·62	102·28	97·04
chops (including cutlets and fillets)	113·76	120·11	121·07	126·80	120·07
all other	58·50	56·09	50·15	67·78	58·67
<i>Total mutton and lamb</i>	<i>91·01</i>	<i>103·43</i>	<i>99·70</i>	<i>104·15</i>	<i>99·11</i>
Pork:—joints (including sides)	87·78	86·15	85·08	94·38	88·21
chops	105·83	112·56	115·20	115·76	111·91
fillets and steaks	121·54	142·10	126·17	138·00	131·79
all other	68·30	69·92	79·58	78·59	74·03
<i>Total pork</i>	<i>94·40</i>	<i>98·51</i>	<i>97·92</i>	<i>103·31</i>	<i>98·26</i>

TABLE 9—continued

Supplementary classifications (b) (d)—continued	Average prices paid in 1981				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
OTHER MEAT AND MEAT PRODUCTS:					
Liver:—ox	50·21	63·62	54·85	47·47	53·69
lamb	76·31	78·03	78·53	80·48	78·27
pig	49·41	52·38	48·76	60·75	52·40
other	78·19	105·69	82·64	64·80	85·13
<i>Total liver</i>	<i>62·76</i>	<i>68·67</i>	<i>65·31</i>	<i>69·51</i>	<i>66·30</i>
Bacon and ham, uncooked:—					
joints (including sides and steaks cut from joint)	96·49	97·86	99·15	107·58	99·89
rashers, vacuum-packed	116·31	123·73	124·57	129·53	122·83
rashers, not vacuum-packed	100·52	102·49	104·20	113·07	104·63
<i>Total bacon and ham, uncooked</i>	<i>102·59</i>	<i>104·37</i>	<i>105·93</i>	<i>114·64</i>	<i>106·47</i>
Poultry, uncooked, including frozen:—					
chicken, other than broilers	53·78	54·77	59·46	58·14	56·35
turkey	92·11	71·89	89·43	70·93	78·32
all other	78·87	74·10	85·54	118·81	91·23
<i>Total poultry, uncooked, other than broilers</i>	<i>65·00</i>	<i>61·85</i>	<i>69·38</i>	<i>66·29</i>	<i>65·43</i>
Delicatessen-type sausages					
Meat pastes and spreads	114·60	118·32	120·13	125·35	119·18
Meat pies, pasties and puddings	145·18	147·58	148·02	161·31	150·11
Ready meals	74·99	78·80	81·74	81·54	79·10
Other meat products, not specified elsewhere	160·21	151·86	168·20	158·46	160·10
	76·94	82·89	89·18	89·58	83·85
<i>Total other meat products</i>	<i>98·17</i>	<i>103·02</i>	<i>110·16</i>	<i>106·07</i>	<i>104·17</i>
FATS:					
Butter:—New Zealand	72·19	72·84	75·92	80·41	74·88
Danish	77·16	80·28	82·98	86·42	81·03
UK	72·45	75·43	77·56	80·92	76·61
other	73·39	74·00	77·07	81·19	76·13
<i>Total butter</i>	<i>73·62</i>	<i>74·81</i>	<i>77·95</i>	<i>81·64</i>	<i>76·69</i>
Margarine:—soft					
other	36·18	35·32	35·63	35·24	35·61
	34·84	35·72	35·90	36·04	35·88
<i>Total margarine</i>	<i>36·08</i>	<i>35·44</i>	<i>35·72</i>	<i>35·51</i>	<i>35·70</i>

(a) Pence per lb, except per pint of milk, yoghurt, cream, vegetable and salad oils, vegetable juices, fruit juices, coffee essences; per equivalent pint of condensed, dried and instant milk; per one-tenth gallon of ice-cream; per egg.

(b) See Appendix A, Tables 7 and 7a for further details of the classification of foods.

(c) These foods are also given in greater detail in this table under "Supplementary classifications".

(d) Supplementary data for certain foods in greater detail than shown elsewhere in the table; the totals for each main food are repeated for ease of reference.

TABLE 10

Percentages of all households purchasing seasonal types of food during Survey week, 1981

	Jan/ March	April/ June	July/ Sept	Oct/ Dec
FISH:				
White, fresh, filleted	18	17	15	15
White, fresh, unfileted	2	2	2	1
Herrings, fresh, filleted . . . . .	...	...	...	...
Herrings, fresh, unfileted	1	...	...	1
Fat, fresh, other than herrings	2	2	2	2
White, processed	5	5	4	5
Fat, processed, filleted	3	4	3	4
Fat, processed, unfileted . . . . .	...	...	...	1
Shell	2	3	3	3
EGGS:	72	71	72	72
VEGETABLES:				
Potatoes, raw	56	67	67	61
Cabbages, fresh	32	36	26	27
Brussels sprouts, fresh	31	1	3	30
Cauliflowers, fresh	18	23	27	20
Leafy salads, fresh	26	48	38	21
Peas, fresh . . . . .	...	...	5	...
Beans, fresh . . . . .	...	1	10	1
Other fresh green vegetables	1	2	1	2
Carrots, fresh	41	33	32	39
Turnips and swedes, fresh	16	7	5	15
Other root vegetables, fresh	11	6	7	11
Onions, shallots, leaks, fresh	38	42	41	38
Cucumbers, fresh	17	35	29	15
Mushrooms, fresh	24	23	22	20
Tomatoes, fresh	47	63	62	38
Miscellaneous fresh vegetables	16	15	18	16
FRUIT:				
Oranges, fresh	33	34	21	17
Other citrus fruit, fresh	28	18	13	25
Apples, fresh	49	56	50	49
Pears, fresh	13	11	13	14
Stone fruit, fresh	2	7	28	2
Grapes, fresh	5	5	13	11
Soft fruit, fresh, other than grapes . . . . .	...	6	13	...
Bananas, fresh	32	36	36	33
Rhubarb, fresh	2	3	1	—
Other fresh fruit	2	4	11	4

**Regional and type-of-area averages of consumption,
expenditure and relative price levels**

Household expenditure on seasonal, convenience and other foods according to region and type of area, together with comparative indices of food prices and the real value of food purchased, 1981

	Region										Type of area				All households				
	Scotland	Wales	England	North	Yorkshire and Humberside	North West	West Midlands	East Midlands	South West	South East (and East Anglia)	Greater London	Metropolitan districts and the Clydeside conurbation				Non-metropolitan districts			
												7 or more	3 but less than 7	0.5 but less than 3		Wards with electorate per acre of—	Less than 0.5		
£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£	
(i) <i>Expenditure and value of garden and allotment produce, etc.</i>	1.19	1.09	1.15	1.13	0.99	1.08	1.10	1.17	1.10	1.24	1.40	1.14	1.08	1.16	1.14	1.07	1.15		
Expenditure on:																			
Seasonal foods																			
Convenience foods	0.48	0.50	0.45	0.55	0.45	0.50	0.49	0.40	0.39	0.44	0.44	0.51	0.45	0.44	0.43	0.43	0.45		
Canned	0.23	0.34	0.28	0.21	0.23	0.26	0.24	0.25	0.26	0.34	0.32	0.26	0.30	0.33	0.28	0.22	0.28		
Frozen																			
Other convenience foods	1.31	1.38	1.30	1.44	1.42	1.30	1.30	1.16	1.22	1.29	1.27	1.33	1.32	1.34	1.30	1.23	1.30		
Total convenience foods	2.02	2.21	2.03	2.19	2.10	2.07	2.03	1.81	1.88	2.06	2.04	2.09	2.08	2.11	2.01	1.87	2.04		
All other foods	4.45	4.46	4.45	4.33	4.11	4.47	4.64	4.47	4.46	4.52	4.73	4.41	4.19	4.39	4.53	4.58	4.45		
Total expenditure	7.66	7.76	7.63	7.65	7.19	7.61	7.78	7.45	7.43	7.83	8.17	7.65	7.34	7.66	7.67	7.52	7.63		
Value of garden and allotment produce, etc.	0.19	0.19	0.17	0.16	0.10	0.09	0.17	0.16	0.29	0.16	0.09	0.07	0.10	0.12	0.20	0.44	0.17		
Value of consumption	7.85	7.95	7.80	7.81	7.29	7.70	7.95	7.61	7.72	7.99	8.26	7.72	7.44	7.78	7.87	7.96	7.80		
(ii) <i>Comparative indices (b) of expenditure, prices and purchases (all foods)</i>																			
Expenditure	100.4	101.7	99.9	100.3	94.2	99.7	101.9	97.6	97.4	102.5	107.0	100.2	96.2	100.4	100.5	98.6	100		
Value of consumption	100.6	101.9	99.8	100.1	93.4	98.7	101.8	97.6	99.0	102.3	105.8	98.8	95.4	100.4	100.9	102.0	100		
Prices	103.4	99.4	99.8	99.7	97.9	99.2	99.5	98.8	98.9	101.3	103.8	97.7	98.2	101.5	100.3	101.9	100		
Index of value of consumption deflated by index of food prices	97.3	102.5	100.1	100.5	95.5	99.6	102.3	98.8	100.0	101.0	102.0	101.2	97.2	98.2	100.7	100.2	100		
Food purchases	97.5	101.6	100.1	100.0	96.3	100.9	102.2	98.9	98.4	101.2	103.3	102.8	98.0	98.8	99.9	96.7	100		
Price of energy	103.1	94.3	100.1	97.9	94.6	97.4	95.1	91.1	100.1	106.6	113.0	93.7	97.2	104.3	100.2	99.7	100		

(a) Including Greater London, for which separate results are shown in the analysis according to type of area.

(b) See Glossary.

TABLE 12
Household food consumption according to region and type of area: annual averages for individual foods, (a) 1981

(oz per person per week, except where otherwise stated)

	Region											Type of area					
	All households	Scotland	Wales	England	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East/ East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
														7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5
MILK AND CREAM:																	
Liquid milk	3.94	4.02	4.24	3.92	3.55	3.61	3.92	4.25	4.21	3.96	3.94	3.67	3.75	3.87	4.01	4.11	4.31
Full price	0.04	0.02	0.03	0.04	0.09	0.05	0.04	0.06	0.04	0.02	0.02	0.01	0.06	0.05	0.03	0.03	0.02
Welfare	0.02	0.09	...	0.02	0.02	0.03	...	0.01	0.04	0.01	0.02	0.04	0.04	0.02	0.02	0.01	0.02
School																	
Total liquid milk	4.01	4.13	4.28	3.98	3.66	3.69	3.97	4.22	4.29	3.99	3.98	3.73	3.85	3.93	4.06	4.15	4.35
Condensed milk	0.10	0.08	0.12	0.11	0.09	0.09	0.10	0.09	0.12	0.10	0.12	0.12	0.10	0.10	0.10	0.10	0.10
Dried milk, branded	0.05	0.02	0.09	0.05	0.06	0.07	0.06	0.06	0.08	0.03	0.04	0.04	0.09	0.04	0.04	0.04	0.03
Instant milk	0.11	0.06	0.16	0.12	0.17	0.14	0.14	0.09	0.05	0.13	0.11	0.14	0.13	0.11	0.10	0.10	0.10
Yoghurt	0.09	0.09	0.07	0.09	0.07	0.06	0.07	0.07	0.09	0.10	0.10	0.11	0.06	0.09	0.09	0.09	0.09
Other milk	0.07	0.07	0.03	0.06	0.16	0.04	0.08	0.04	0.06	0.07	0.05	0.11	0.06	0.06	0.07	0.06	0.08
Cream	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.04	0.03	0.03	0.02	0.02	0.03	0.03	0.04
Total milk and cream	4.46	4.47	4.76	4.43	4.23	4.11	4.44	4.70	4.71	4.46	4.44	4.23	4.30	4.36	4.49	4.57	4.79
CHEESE:																	
Natural	3.65	3.58	2.89	3.71	2.82	2.65	3.42	3.95	3.69	4.63	4.02	3.69	2.98	3.55	4.23	3.98	3.99
Processed	0.24	0.30	0.23	0.23	0.26	0.25	0.34	0.23	0.19	0.19	0.20	0.19	0.30	0.24	0.25	0.19	0.21
Total cheese	3.89	3.88	3.11	3.93	3.08	2.90	3.75	4.18	3.88	4.83	4.23	3.88	3.28	3.79	4.48	4.17	4.20
MEAT AND MEAT PRODUCTS:																	
Carcass meat	6.96	7.99	5.99	6.92	7.70	7.19	7.43	8.49	6.01	5.43	6.84	7.18	7.28	5.89	7.13	7.19	7.30
Beef and veal	4.25	3.21	4.30	4.35	2.98	3.31	5.09	3.13	4.16	5.20	4.75	5.91	4.32	3.63	3.73	4.29	4.01
Mutton and lamb	3.82	1.84	3.40	4.03	3.01	3.90	3.30	5.72	2.90	4.42	4.41	3.10	3.38	4.11	3.19	4.53	2.92
Pork	15.02	13.04	13.79	15.30	13.69	14.60	13.82	17.34	13.07	13.06	16.01	16.20	14.98	13.64	14.06	16.00	14.24
Total carcase meat																	

TABLE 12—continued
 (oz per person per week, except where otherwise stated)

	Region											Type of area				
	All households	Scot-land	Wales	Eng-land	North	York-shire and Humber-side	North West	East Mid-lands	West Mid-lands	South West	South East(b)/East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts		
														7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5
MEAT AND MEAT PRODUCTS—continued																
Other meat and meat products	0.73	0.55	0.64	0.76	0.70	0.88	0.62	0.63	0.68	0.78	0.82	0.81	0.72	0.80	0.69	0.70
Liver	0.31	0.24	0.21	0.32	0.25	0.33	0.43	0.32	0.33	0.24	0.32	0.35	0.36	0.30	0.21	0.29
Offals, other than liver	4.14	4.03	4.97	4.11	4.96	4.12	4.93	4.06	3.89	4.15	3.71	3.74	4.49	3.80	3.93	4.10
Bacon and ham, uncooked	1.13	1.07	1.22	1.13	0.97	1.26	1.18	1.25	1.07	0.99	1.16	1.17	1.23	1.09	1.07	1.06
Bacon and ham, cooked, including canned	0.27	0.45	0.38	0.24	0.28	0.22	0.33	0.14	0.18	0.20	0.26	0.37	0.20	0.30	0.23	0.25
Cooked poultry, not purchased in cans	0.64	0.65	0.83	0.62	0.96	0.60	0.74	0.81	0.45	0.52	0.57	0.52	0.72	0.70	0.55	0.54
Corned meat	0.50	0.85	0.41	0.47	0.68	0.65	0.68	0.58	0.35	0.38	0.35	0.31	0.44	0.44	0.46	0.50
Other cooked meat, not purchased in cans	1.28	1.31	1.93	1.24	2.20	1.57	1.81	1.38	0.88	0.90	0.92	0.81	1.79	1.35	1.00	1.21
Other canned meat and canned meat products	4.55	3.35	4.04	4.70	3.88	3.10	4.61	4.03	3.34	5.14	5.21	6.62	4.37	4.46	4.47	4.39
Broiler chicken, uncooked, including frozen	2.48	2.70	2.55	2.46	2.33	2.12	2.52	1.93	3.72	2.80	2.25	2.66	2.90	2.29	1.87	2.10
Other poultry, uncooked, including frozen	0.10	0.04	0.08	0.11	0.24	0.27	0.04	0.09	0.19	0.01	0.07	0.11	0.23	0.07	0.06	0.04
Rabbit and other meat	1.79	1.00	2.32	1.83	1.71	1.51	1.72	1.92	2.36	1.68	1.89	1.66	1.73	1.74	1.70	1.83
Sausages, uncooked, pork	1.62	3.33	1.38	1.46	2.00	1.85	1.72	1.10	0.63	1.86	1.39	1.21	1.74	1.73	1.51	1.53
Sausages, uncooked, beef	0.79	0.54	0.77	0.81	0.72	1.33	0.67	1.24	0.98	0.66	0.62	0.52	0.86	0.76	0.82	0.72
Meat pies and sausage rolls, ready-to-eat																
Frozen convenience meats or frozen convenience meat products	1.43	1.17	1.76	1.44	1.11	1.29	1.55	1.27	1.26	1.31	1.62	1.27	1.44	1.70	1.72	1.40
Other meat products	2.59	4.11	2.50	2.43	3.56	2.38	2.73	1.88	1.84	2.06	2.50	2.78	2.76	2.63	2.75	2.21
Total other meat and meat products	24.32	25.38	25.98	24.73	26.55	23.49	26.05	22.64	24.15	23.68	23.62	24.92	26.34	24.17	23.03	23.14
Total meat and meat products	39.34	38.42	39.77	39.43	40.24	38.09	41.87	39.98	37.22	38.74	39.63	43.12	41.32	37.81	37.09	39.14
FISH																
White, filleted, fresh	0.99	2.20	0.77	0.88	1.25	1.24	1.01	1.34	1.21	0.50	0.59	0.60	1.34	0.81	0.88	0.92
White, unfileted, fresh	0.19	0.15	0.10	0.20	0.44	0.11	0.10	0.28	0.31	0.04	0.20	0.37	0.19	0.07	0.13	0.19
White, uncooked, frozen	0.56	0.15	0.58	0.60	0.30	0.43	0.67	0.51	0.63	0.81	0.66	0.65	0.55	0.64	0.61	0.55
Herrings, filleted, fresh	0.02	0.07	—	0.01	0.06	0.01	—	0.04	0.02	—	0.01	0.01	0.01	—	0.02	0.03
Herrings, unfileted, fresh	0.03	0.01	—	0.03	0.03	0.01	—	0.04	0.02	—	0.04	0.05	0.01	0.01	0.05	0.03
Fat, fresh, other than herrings	0.15	0.19	0.15	0.14	0.05	0.09	0.06	0.12	0.11	0.30	0.18	0.23	0.08	0.18	0.12	0.16
Fat, processed	0.23	0.35	0.26	0.22	0.24	0.11	0.22	0.12	0.16	0.27	0.27	0.30	0.21	0.22	0.22	0.24
Fat, processed, filleted	0.15	0.11	0.20	0.16	0.27	0.06	0.10	0.10	0.16	0.19	0.16	0.16	0.15	0.09	0.13	0.22
Fat, processed, unfileted	0.03	0.02	0.04	0.03	0.05	0.02	0.05	0.06	0.02	—	0.02	0.04	0.04	0.02	0.02	0.02
Shellfish	0.09	0.07	0.06	0.09	0.07	0.07	0.06	0.06	0.17	0.04	0.12	0.17	0.10	0.09	0.06	0.07

TABLE 12—continued
(oz per person per week, except where otherwise stated)

	Region										Type of area					
	All house-holds	Wales	Eng-land	North	York-shire and Humber-side	North West	East Mid-lands	West Mid-lands	South West	South East(b)/ East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
													7 or more	3 but less than 7	0-5 but less than 3	Less than 0-5
FISH—continued																
Cooked fish	0.79	0.78	0.83	1.10	1.50	0.53	0.76	0.84	0.64	0.73	0.78	1.08	0.88	0.62	0.64	0.53
Canned salmon	0.25	0.34	0.26	0.22	0.25	0.36	0.45	0.24	0.21	0.22	0.27	0.28	0.24	0.24	0.25	0.24
Other canned or bottled fish	0.44	0.51	0.44	0.46	0.46	0.36	0.52	0.45	0.38	0.46	0.46	0.46	0.43	0.43	0.38	0.43
Fish products, not frozen	0.14	0.07	0.13	0.31	0.33	0.14	0.12	0.14	0.09	0.10	0.10	0.25	0.13	0.12	0.12	0.10
Frozen convenience fish products	0.86	0.52	0.85	0.83	0.90	0.82	0.89	0.86	0.71	0.88	0.76	0.90	0.97	0.86	0.85	0.76
Total fish	4.92	4.75	5.55	5.68	5.57	4.55	5.37	5.29	4.20	4.63	4.96	5.65	4.77	4.50	4.67	4.57
EGGS																
(Eggs purchased)	3.68	4.27	3.62	4.55	3.66	3.48	3.54	3.46	3.61	3.50	3.62	3.97	3.44	3.30	3.59	4.02
	3.54	4.01	3.49	4.40	3.57	3.39	3.35	3.31	3.42	3.40	3.61	3.94	3.41	3.27	3.40	3.42
FATS:																
Butter	3.69	3.59	4.96	3.62	2.81	3.08	4.03	4.70	3.81	3.63	3.65	3.75	3.38	3.67	3.69	4.07
Margarine	4.11	3.77	4.17	4.22	4.78	4.89	4.43	4.25	4.44	3.61	2.87	4.43	4.11	3.89	4.37	4.52
Lard and compound cooking fat	1.80	1.34	2.24	1.85	2.69	1.87	2.95	1.57	1.61	1.44	1.36	2.08	1.91	1.56	1.81	1.78
Vegetable and salad oils	0.89	0.85	0.91	0.65	0.46	0.64	1.15	1.71	0.68	0.99	1.24	0.96	0.78	0.79	0.86	0.78
All other fats	0.57	0.36	0.59	0.63	0.48	0.44	0.54	0.61	0.60	0.67	0.53	0.56	0.67	0.54	0.43	0.65
Total fats	11.06	9.92	11.98	10.96	11.21	10.92	13.10	12.84	11.14	10.34	9.67	11.78	10.86	10.45	11.15	11.79
SUGAR AND PRESERVES:																
Sugar	11.08	10.58	13.38	11.39	11.44	12.13	12.88	12.06	10.69	9.84	9.71	11.81	11.03	10.11	10.97	12.09
Jams, jellies and fruit curds	0.93	1.07	0.91	1.08	1.15	0.92	0.89	0.64	0.80	0.90	0.92	1.01	0.91	0.80	0.99	0.92
Marmalade	0.72	0.74	0.72	0.81	0.62	0.60	0.71	0.56	0.79	0.77	0.79	0.66	0.69	0.73	0.73	0.75
Syrup, treacle	0.22	0.24	0.21	0.19	0.30	0.23	0.26	0.21	0.22	0.16	0.13	0.17	0.13	0.28	0.29	0.32
Honey	0.21	0.13	0.22	0.13	0.19	0.13	0.14	0.21	0.24	0.28	0.33	0.17	0.18	0.20	0.24	0.18
Total sugar and preserves	13.15	12.76	15.06	13.60	13.70	14.01	14.89	13.69	12.75	11.96	11.88	13.83	12.93	12.13	13.21	14.25
VEGETABLES:																
Old potatoes																
January—August	15.71	16.48	20.94	15.83	17.93	20.78	14.16	12.94	14.79	13.79	13.44	17.75	14.72	12.50	15.95	18.16
not prepacked	2.25	3.75	1.61	2.31	1.32	2.90	3.38	1.67	2.47	1.94	1.97	2.30	2.37	3.51	2.10	1.31
prepacked																

TABLE 12—continued
(oz per person per week, except where otherwise stated)

	Region											Type of area					
	All households	Scotland	Wales	England	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East(b) East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
														7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5
VEGETABLES—continued																	
New potatoes	8.45	10.18	11.57	8.06	9.36	9.05	9.23	9.28	8.40	7.37	6.98	9.96	9.96	8.03	7.12	8.09	9.49
January—August	0.59	0.97	0.10	0.58	0.51	0.58	1.00	0.92	0.69	0.54	0.34	1.05	0.40	0.74	0.52	0.33	0.33
not prepacked																	
Potatoes	12.73	11.04	18.43	12.60	14.07	14.25	14.13	13.65	9.40	15.56	11.27	15.79	13.15	9.58	12.30	12.40	12.40
September—December	2.16	2.64	1.43	2.15	3.48	0.70	2.40	1.96	2.53	0.90	2.43	1.77	1.96	3.21	3.11	0.68	0.68
not prepacked																	
prepacked																	
Total fresh potatoes	41.87	45.07	54.07	40.85	45.57	43.82	50.44	43.35	35.64	41.63	36.75	48.64	40.66	36.66	42.08	42.38	42.38
Cabbages, fresh	4.29	2.49	3.39	4.52	4.20	4.01	3.30	4.14	3.53	5.15	5.28	3.73	4.33	4.34	3.89	4.45	4.45
Brussels sprouts, fresh	1.72	1.05	1.54	1.79	1.57	1.85	1.70	2.23	1.66	2.10	1.71	1.51	1.98	1.52	1.75	1.90	1.90
Cauliflowers, fresh	2.76	1.46	3.23	2.86	2.81	3.24	2.78	3.78	2.52	3.10	2.62	3.04	2.91	2.48	2.97	2.56	2.56
Leafy salads, fresh	1.31	0.90	1.23	1.36	0.96	1.13	1.12	1.40	1.60	1.47	1.50	1.11	1.29	1.38	1.41	1.41	1.41
Peas, fresh	0.45	0.48	0.37	0.45	0.38	0.50	0.28	1.16	0.55	0.48	0.30	0.27	0.21	0.38	0.49	1.16	1.16
Beans, fresh	1.21	0.32	0.80	1.32	0.32	1.02	0.96	1.60	1.60	2.76	1.44	0.48	1.07	0.97	1.95	2.11	2.11
Other fresh green vegetables	0.26	0.20	0.05	0.28	0.10	0.04	0.08	0.10	0.41	0.51	0.39	0.10	0.17	0.24	0.27	0.47	0.47
Total fresh green vegetables	11.96	6.90	10.61	12.58	10.35	11.79	9.62	14.42	11.84	15.56	13.23	10.23	11.95	11.31	12.71	14.06	14.06
Carrots, fresh	3.55	3.24	4.42	3.53	3.42	3.47	4.09	3.73	2.98	3.98	3.39	3.53	3.39	3.43	3.57	4.23	4.23
Turnips and swedes, fresh	1.15	2.35	1.20	1.03	3.54	0.80	1.06	0.68	0.56	1.08	0.75	1.54	1.01	0.85	1.07	1.65	1.65
Other root vegetables, fresh	0.74	0.23	0.60	0.80	0.45	0.34	0.31	1.08	1.04	0.88	1.03	0.44	0.64	0.73	0.86	0.75	0.75
Onions, shallots, leeks, fresh	3.45	3.80	3.05	3.44	3.57	3.01	3.02	3.29	4.08	3.78	3.42	3.78	3.36	3.33	3.22	3.24	3.24
Cucumbers, fresh	1.03	0.49	0.68	1.10	0.59	0.81	0.62	1.16	1.27	1.15	1.38	0.77	1.03	1.13	1.05	0.98	0.98
Mushrooms, fresh	0.62	0.38	0.49	0.65	0.50	0.53	0.58	0.56	0.59	0.67	0.76	0.54	0.63	0.70	0.66	0.55	0.55
Tomatoes, fresh	3.92	3.26	3.33	4.02	3.47	3.45	3.32	4.07	4.60	4.29	4.33	3.52	3.75	3.99	4.16	3.95	3.95
Miscellaneous fresh vegetables	1.29	0.55	0.47	1.41	0.61	0.68	0.73	1.07	2.57	1.45	1.77	1.17	0.95	1.17	1.39	1.24	1.24
Total other fresh vegetables	15.74	14.31	14.24	15.98	16.15	13.09	13.73	15.63	17.69	17.28	16.84	15.30	14.75	15.34	15.99	16.59	16.59
Tomatoes, canned or bottled	1.52	0.75	1.55	1.60	1.54	1.64	1.37	2.49	1.52	1.29	1.60	1.55	1.61	1.75	1.63	1.06	1.06
Canned peas	2.36	2.05	3.17	2.34	3.63	3.18	3.43	2.86	1.69	1.19	1.86	3.35	2.84	1.86	1.88	1.85	1.85
Canned beans	4.12	3.97	4.68	4.10	4.37	4.29	4.19	4.31	4.67	3.38	3.98	4.73	4.55	3.79	4.01	3.47	3.47

TABLE 12—continued
(oz per person per week, except where otherwise stated)

	Region										Type of area						
	All households	Scotland	Wales	England	North	Yorkshire and Humber-side	North West	East Midlands	West Midlands	South West	South East/Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
														7 or more	3 but less than 7	0-5 but less than 3	Less than 0-5
<i>VEGETABLES—continued</i>																	
Canned vegetables, other than pulses, potatoes or tomatoes	1.22	0.96	1.17	1.25	1.12	1.31	1.44	1.21	1.03	1.09	1.26	1.32	1.38	1.39	1.27	0.97	0.88
Dried pulses, other than air-dried	0.40	0.94	0.47	0.34	0.69	0.34	0.37	0.50	0.59	0.12	0.21	0.43	0.69	0.34	0.21	0.19	0.40
Air-dried vegetables	0.01	0.02	0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.02
Vegetable juices	0.12	0.21	0.03	0.12	0.08	0.07	0.04	0.04	0.14	0.13	0.17	0.25	0.10	0.10	0.12	0.11	0.10
Chips, excluding frozen	1.09	0.57	1.42	1.12	1.48	1.48	1.04	1.16	1.15	0.84	0.83	0.70	1.68	1.35	0.79	0.82	0.65
Instant potato	0.08	0.06	0.10	0.08	0.09	0.07	0.09	0.07	0.08	0.09	0.14	0.09	0.08	0.10	0.07	0.05	0.06
Canned potato	0.13	0.01	0.10	0.14	0.13	0.21	0.08	0.29	0.05	0.11	0.14	0.15	0.11	0.21	0.16	0.07	0.04
Crisps and other potato products, not frozen	0.76	0.90	0.94	0.74	0.80	0.72	0.78	1.00	0.26	0.36	0.64	0.44	0.75	0.83	0.84	0.88	0.71
Other vegetable products	0.32	0.28	0.33	0.32	0.49	0.20	0.30	0.26	0.26	0.36	0.34	0.41	0.35	0.29	0.32	0.34	0.21
Frozen peas	1.80	0.59	1.92	1.92	0.73	1.42	1.12	1.80	2.21	2.13	2.46	2.59	1.22	1.91	2.16	1.93	1.49
Frozen beans	0.55	0.20	0.69	0.58	0.20	0.39	0.34	0.36	0.42	0.57	0.87	0.95	0.35	0.58	0.73	0.55	0.38
Frozen chips and other frozen convenience potato products	1.50	1.24	1.10	1.55	1.07	1.28	1.31	0.70	1.25	1.87	1.98	1.71	1.35	1.63	1.55	1.64	1.22
All frozen vegetables and frozen vegetable products, not specified elsewhere	1.03	0.92	0.91	1.04	0.63	0.64	1.04	0.74	0.60	0.82	1.48	1.39	0.89	1.07	1.41	0.91	0.68
<i>Total processed vegetables</i>	17.01	13.66	18.62	17.24	17.27	17.86	16.94	17.82	16.51	14.73	17.90	16.94	18.59	18.81	17.04	16.00	13.28
<i>Total vegetables</i>	86.60	79.94	97.54	86.65	89.34	86.56	90.73	91.22	81.68	89.20	84.72	82.67	92.76	86.17	80.35	86.78	86.31
<i>FRUIT:</i>																	
<i>Fresh:</i>																	
Oranges	3.05	3.13	2.75	3.06	2.23	2.76	3.27	2.45	3.32	2.63	3.43	4.26	3.24	2.55	3.09	2.67	2.84
Other citrus fruit	1.92	1.76	1.45	1.96	1.39	1.45	1.68	1.75	1.80	2.14	2.37	2.79	1.56	1.62	1.97	2.01	2.02
Apples	7.28	5.54	7.09	7.46	6.00	6.02	6.58	7.27	8.19	9.17	7.92	7.88	6.22	6.60	8.09	8.34	7.53
Pears	1.16	1.16	1.03	1.17	0.87	1.02	1.12	0.88	1.38	1.24	1.24	1.45	1.08	1.01	1.30	1.18	1.11
Stone fruit	0.89	0.49	0.54	0.95	0.62	0.64	0.54	0.77	0.82	1.25	1.26	1.61	0.55	0.97	0.97	0.72	0.88
Grapes	0.57	0.54	0.47	0.58	0.40	0.27	0.36	0.37	0.80	0.78	0.72	0.87	0.48	0.60	0.55	0.48	0.55
Soft fruit, other than grapes	0.89	1.01	0.56	0.89	0.87	0.90	0.49	0.95	0.94	1.21	0.93	0.60	0.58	0.89	0.86	1.12	1.32
Bananas	3.12	2.97	2.77	3.15	2.42	2.19	2.66	2.62	3.24	3.73	3.67	3.77	2.57	3.01	3.27	3.37	3.21
Rhubarb	0.49	0.68	0.56	0.46	0.43	0.30	0.25	0.32	0.40	0.87	0.50	0.46	0.23	0.33	0.55	0.64	0.89
Other fresh fruit	0.60	0.81	0.41	0.59	0.28	0.35	0.39	0.63	0.41	0.62	0.83	1.22	0.39	0.58	0.65	0.50	0.53
<i>Total fresh fruit</i>	19.95	18.09	17.63	20.27	15.50	15.83	17.34	18.09	21.29	23.64	22.85	24.91	16.89	18.15	21.30	21.03	20.87

TABLE 12—continued
(oz per person per week, except where otherwise stated)

	Region										Type of area						
	All household	Scotland	Wales	England	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (S)/East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
														7 or more	3 but less than 7	0-5 but less than 3	Less than 0-5
FRUIT—continued																	
Canned peaches, pears and pineapples	1.40	1.80	1.62	1.35	1.77	1.10	1.18	1.87	0.88	1.38	1.41	1.18	1.21	1.42	1.54	1.42	1.71
Other canned or bottled fruit	1.21	1.36	1.35	1.19	1.13	1.06	1.13	1.19	1.18	1.30	1.25	1.04	1.08	1.15	1.50	1.16	1.44
Dried fruit and dried fruit products	0.86	0.77	0.71	0.87	0.60	0.70	0.60	0.91	0.68	1.57	0.90	0.66	0.61	0.79	0.88	1.04	1.26
Frozen fruit and frozen fruit products	0.07	0.05	0.04	0.08	0.10	0.01	0.03	0.09	0.09	0.05	0.11	0.07	0.06	0.07	0.11	0.07	0.07
Nuts and nut products	0.39	0.30	0.43	0.39	0.23	0.29	0.23	0.24	0.40	0.47	0.51	0.56	0.28	0.37	0.38	0.44	0.38
Fruit juices	3.99	3.80	2.42	4.10	3.25	1.78	3.21	2.06	3.59	4.88	5.59	6.71	2.82	3.52	4.26	4.03	4.06
<i>Total other fruit and fruit products</i>	7.92	8.08	6.57	7.98	7.08	4.94	6.37	6.37	6.82	9.66	9.78	10.21	6.06	7.31	8.67	8.15	8.93
<i>Total fruit</i>	27.87	26.17	24.20	28.25	22.58	20.77	23.71	24.46	28.11	33.30	32.63	35.12	22.95	25.46	29.97	29.18	29.80
CEREALS:																	
White bread, large loaves, unsliced	5.23	2.86	10.06	5.18	6.30	3.92	4.16	3.55	4.21	6.77	5.82	5.39	4.17	4.64	4.63	6.14	7.06
White bread, large loaves, sliced	14.73	19.62	16.03	14.16	14.59	18.27	19.40	17.14	15.67	10.11	11.18	10.46	19.25	15.54	13.31	13.61	12.46
White bread, small loaves, unsliced	1.49	0.50	2.66	1.52	2.05	1.90	2.17	2.21	1.01	1.62	1.06	1.11	1.94	1.30	0.93	1.42	1.90
White bread, small loaves, sliced	0.40	0.32	0.33	0.40	0.85	0.64	0.56	0.38	0.20	0.22	0.31	0.51	0.59	0.32	0.28	0.23	0.39
Brown bread	3.62	4.11	2.96	3.60	4.08	3.26	4.21	2.90	2.89	4.21	3.60	3.73	3.37	3.24	3.76	3.55	4.23
Wholewheat and wholemeal bread	1.94	1.24	1.51	2.03	1.35	1.29	1.39	1.76	2.07	3.06	2.37	2.49	1.22	2.09	2.10	2.07	2.17
Other bread	3.84	6.63	3.30	3.59	5.12	3.94	3.37	4.71	3.63	2.81	3.26	2.95	4.00	3.74	3.94	4.09	4.08
<i>Total bread</i>	31.23	35.28	36.86	30.49	34.33	33.21	35.26	32.65	29.68	28.79	27.60	26.65	34.54	30.88	28.95	31.70	32.29
Flour	5.96	3.02	5.18	6.30	5.87	5.85	3.35	8.13	16.79	4.77	4.61	3.81	8.95	5.18	4.23	5.77	5.85
Buns, scones and teacakes	0.96	0.75	0.79	0.99	1.35	1.15	1.53	0.72	0.91	0.83	0.84	0.80	1.36	0.95	0.68	0.81	0.92
Cakes and pastries	2.81	2.29	3.10	2.85	3.14	2.75	3.03	3.19	2.50	2.51	2.89	2.68	2.88	3.10	2.99	2.77	2.30
Crispbread	0.26	0.23	0.32	0.26	0.23	0.22	0.27	0.26	0.24	0.32	0.26	0.24	0.23	0.24	0.26	0.28	0.30
Biscuits, other than chocolate biscuits	3.95	3.78	3.97	3.97	4.75	3.97	3.70	3.91	3.72	4.25	3.87	3.81	3.96	3.99	3.99	4.02	3.89
Chocolate biscuits	1.18	1.61	1.13	1.14	1.61	1.25	1.22	1.18	0.93	1.04	1.05	0.96	1.22	1.11	1.17	1.24	1.32
Other cereal products	0.46	0.93	0.75	0.39	0.38	0.36	0.32	0.32	0.34	0.48	0.41	0.30	0.37	0.39	0.50	0.53	0.68
Breakfast cereals	3.53	2.73	4.00	3.38	3.03	3.36	3.81	3.15	3.38	3.99	3.77	3.41	3.22	3.63	3.86	3.70	3.52
Canned milk puddings	1.02	0.98	1.04	1.02	1.27	1.43	1.38	1.08	0.77	0.83	0.84	0.68	1.27	1.05	0.92	0.94	1.05
Other puddings	0.17	0.19	0.17	0.16	0.18	0.16	0.24	0.22	0.11	0.10	0.16	0.15	0.16	0.16	0.18	0.21	0.11
Rice	0.83	0.54	0.56	0.88	0.49	0.21	0.57	0.47	2.07	0.95	0.98	1.70	0.98	0.77	0.59	0.50	0.58
Cereal-based invalid foods (including "slimming" foods)	0.02	0.06	0.16	0.02	0.01	0.10	0.11	0.06	0.05	0.01	0.03	0.04	0.01	0.02	0.02	0.01	0.07
Infant cereal foods	0.08	0.06	0.06	0.08	0.12	0.08	0.11	0.06	0.06	0.05	0.07	0.05	0.10	0.09	0.09	0.07	0.07

TABLE 12—continued
(oz per person per week, except where otherwise stated)

	Region										Type of area						
	All household	Scotland	Wales	England	North	Yorkshire and Humber-side	North West	East Midlands	West Midlands	South West	South East(b)/ East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation	Non-metropolitan districts			
															7 or more	3 but less than 7	0-5 but less than 3	Less than 0-5
CEREALS—continued																	
Frozen convenience cereal foods	0-61	0-99	0-58	0-57	0-45	0-42	0-59	0-40	0-36	0-58	0-73	0-76	0-53	0-56	0-74	0-62	0-55
Cereal convenience foods, including canned, not specified elsewhere	2-25	2-41	2-63	2-21	2-61	2-24	2-24	1-90	1-60	1-82	2-45	2-24	2-29	2-52	2-24	2-10	2-01
Other cereal foods	0-47	0-62	0-34	0-46	0-32	0-22	0-23	0-41	0-50	0-46	0-63	0-68	0-36	0-51	0-42	0-48	0-46
Total cereals	55-77	56-45	61-57	55-37	60-15	56-77	57-92	58-00	64-02	51-79	51-16	48-97	62-43	55-13	51-86	55-14	55-91
BEVERAGES																	
Tea	1-98	1-83	2-36	1-98	2-17	2-01	2-18	2-30	2-05	1-60	1-91	2-02	2-31	1-93	1-80	1-85	1-85
Coffee, bean and ground	0-11	0-13	0-04	0-11	0-04	0-10	0-04	0-08	0-07	0-16	0-17	0-19	0-07	0-11	0-13	0-11	0-11
Coffee, instant	0-52	0-49	0-45	0-52	0-56	0-49	0-47	0-53	0-47	0-60	0-53	0-49	0-46	0-52	0-56	0-56	0-54
Coffee, essence	0-02	—	0-02	0-02	0-03	0-04	0-01	0-05	0-03	0-04	0-02	0-01	0-02	0-03	0-02	0-02	0-02
Cocoa and drinking chocolate	0-15	0-13	0-15	0-16	0-16	0-15	0-11	0-07	0-16	0-24	0-16	0-16	0-12	0-14	0-13	0-18	0-21
Branded food drinks	0-16	0-04	0-16	0-17	0-12	0-10	0-18	0-30	0-24	0-13	0-17	0-11	0-15	0-17	0-23	0-15	0-15
Total beverages	2-95	2-62	3-19	2-97	3-08	2-89	2-99	3-24	3-02	2-77	2-97	2-99	3-13	2-89	2-86	2-88	2-89
MISCELLANEOUS																	
Baby foods, canned or bottled	0-19	0-13	0-25	0-19	0-26	0-14	0-18	0-14	0-26	0-16	0-18	0-23	0-23	0-17	0-14	0-15	0-18
Soups, canned	2-81	5-06	2-77	2-58	3-42	2-92	3-44	2-67	2-31	2-12	2-21	2-28	3-73	2-70	2-71	2-18	2-72
Soups, dehydrated and powdered	0-13	0-17	0-13	0-12	0-13	0-16	0-14	0-07	0-10	0-40	0-12	0-10	0-12	0-13	0-14	0-12	0-13
Accelerated freeze-dried foods (excluding coffee)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spreads and dressings	0-37	0-41	0-37	0-37	0-34	0-23	0-24	0-29	0-23	0-49	0-49	0-36	0-17	0-39	0-48	0-49	0-46
Pickles and sauces	2-01	1-87	2-34	2-01	1-93	1-82	1-81	1-76	2-03	1-85	2-23	2-13	1-96	1-93	2-23	1-98	1-95
Meat and yeast extracts	0-19	0-13	0-13	0-19	0-17	0-19	0-17	0-14	0-18	0-20	0-22	0-17	0-18	0-17	0-20	0-21	0-20
Table jelly, squares and crystals	0-30	0-30	0-41	0-29	0-28	0-30	0-29	0-27	0-23	0-33	0-31	0-23	0-28	0-30	0-35	0-32	0-31
Ice-cream, mouse	2-45	2-36	3-22	2-41	2-11	2-16	2-17	1-53	1-96	2-92	2-78	2-29	2-02	2-83	2-58	2-72	2-25
All frozen convenience foods, not specified elsewhere	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Salt	0-98	1-27	1-12	0-94	0-86	0-89	0-90	1-19	1-01	1-14	0-01	0-96	0-96	0-89	0-85	1-03	1-21
Novel protein foods	0-02	—	—	0-03	0-04	0-02	0-01	0-01	0-02	0-06	0-03	0-06	0-02	0-04	0-01	0-02	0-01

(a) See Appendix A, Table 7 for details of the classification of foods.
(b) Including Greater London for which separate results are also shown.

**Income group averages of consumption, expenditure
and relative food price levels**

TABLE 13

Household expenditure on seasonal, convenience and other foods according to income group, together with comparative indices of food prices and the real value of food purchased, 1981

	Income group														All household	
	Gross weekly income of head of household															
	Households with one or more earners				Households without an earner				OAP							
	£300 and over		£210 and over		£125 and under £210		£75 or more		Less than £75		£75 or more		Less than £75			E2
A1	A2	All A	B	C	D	E1	E2									
£	£	£	£	£	£	£	£	(per person per week)						£		
(i) Expenditure and value of garden and allotment produce, etc.	1.52	1.25	1.31	1.16	1.06	0.99	1.65	1.28	1.31	1.15						
Expenditure on:																
Seasonal foods																
Convenience foods																
Canned	0.47	0.40	0.42	0.45	0.47	0.45	0.42	0.46	0.49	0.45						
Frozen	0.36	0.28	0.30	0.32	0.29	0.24	0.20	0.22	0.18	0.20						
Other convenience foods	1.37	1.36	1.36	1.36	1.32	1.22	1.18	1.21	1.23	1.23						
Total convenience foods	2.20	2.05	2.08	2.12	2.07	1.91	1.80	1.89	1.89	1.89						
All other foods	5.21	4.46	4.62	4.43	4.30	3.98	5.57	4.50	5.38	4.45						
Total expenditure	8.93	7.76	8.01	7.71	7.44	6.88	9.02	7.67	8.59	7.63						
Value of garden and allotment produce etc.	0.21	0.25	0.25	0.15	0.16	0.13	0.27	0.17	0.15	0.17						
Value of consumption	9.14	8.01	8.26	7.86	7.60	7.01	9.29	7.84	8.74	7.80						
(ii) Comparative indices (a) of expenditure, prices and purchases (all foods)	(all households = 100)															
Expenditure	117.0	101.7	104.9	101.1	97.5	90.1	118.2	100.5	112.5	100						
Value of consumption	117.2	102.7	105.8	100.8	97.3	89.8	119.1	100.4	112.0	100						
Prices	106.6	103.9	104.5	100.7	99.2	97.2	102.0	99.8	99.4	100						
Index of value of consumption deflated by index of food prices	109.9	98.8	101.3	100.1	98.1	92.4	116.8	100.7	112.6	100						
Food purchases	110.5	97.9	100.5	100.4	98.2	92.6	113.3	100.9	113.3	100						
Price of energy	119.9	111.3	113.2	104.9	97.0	90.7	104.7	95.9	96.7	100						

(a) See Glossary

TABLE 14
Household food consumption according to income group: main food groups, annual averages, 1981
(oz per person per week except where otherwise stated)

	Food codes	Income group														All households			
		Gross weekly income of head of household																	
		Households with one or more earners							Households without an earner				OAP						
		£300 and over		£210 and over		£125 and under £210		£75 and under £125		Less than £75		£75 or more		Less than £75			E1 E2		
A1		A2		All A		B		C		D		E1		E2		OAP			
MILK AND CREAM:																			
Liquid milk—full price	4	4.24	4.09	4.12	3.92	3.91	3.55	4.33	3.95	4.46	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94	3.94
welfare and school	5, 6	0.04	0.03	0.03	0.03	0.03	0.20	0.04	0.22	...	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Total liquid milk	4-6	4.28	4.12	4.15	3.95	3.94	3.75	4.37	4.17	4.46	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Condensed milk	9	0.04	0.08	0.07	0.09	0.11	0.09	0.13	0.11	0.19	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Dried and other milk	11-14	0.32	0.35	0.35	0.32	0.28	0.30	0.37	0.40	0.36	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Cream	17	0.06	0.05	0.05	0.03	0.02	0.01	0.06	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Total milk and cream	4-17	4.71	4.60	4.62	4.38	4.35	4.17	4.83	4.71	5.03	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46
CHEESE:																			
Natural	22	4.88	4.57	4.65	3.97	3.44	2.93	4.70	3.27	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.65
Processed	23	0.23	0.21	0.22	0.24	0.23	0.24	0.12	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
Total cheese	22, 23	5.11	4.79	4.87	4.21	3.67	3.17	4.82	3.50	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
MEAT:																			
Beef and veal	31	7.31	7.39	7.41	6.81	6.77	5.70	7.56	7.06	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96	6.96
Mutton and lamb	36	5.74	4.18	4.54	4.43	3.81	3.47	8.01	4.21	5.67	5.67	5.67	5.67	5.67	5.67	5.67	5.67	5.67	5.67
Pork	41	5.44	2.64	3.23	4.44	3.59	3.61	3.56	3.18	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22
Total carcase meat	31-41	18.50	14.21	15.18	15.68	14.18	12.78	19.13	14.45	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80	19.80
Bacon and ham, uncooked	55	4.69	3.82	4.01	4.02	3.88	4.24	6.07	4.40	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43	6.43
Poultry, uncooked	73, 77	9.03	7.60	7.86	7.49	7.07	6.13	9.05	5.17	7.03	7.03	7.03	7.03	7.03	7.03	7.03	7.03	7.03	7.03
Other meat and meat products	46, 51, 58-71, 78-88, 94	10.32	11.14	10.99	12.75	13.84	14.15	11.88	12.88	13.18	13.18	13.18	13.18	13.18	13.18	13.18	13.18	13.18	13.18
Total meat	31-94	42.53	36.77	38.03	39.93	38.95	37.30	46.14	36.90	44.60	44.60	44.60	44.60	44.60	44.60	44.60	44.60	44.60	44.60

TABLE 14—continued
(oz per person per week except where otherwise stated)

	Food codes	Income group													All house-holds
		Gross weekly income of head of household													
		Households with one or more earners						Households without an earner			OAP				
		£300 and over	£210 and under £300	All A	B	£125 and under £210	£75 and under £125	Less than £75	£75 or more	E1	E2	Less than £75	E2	OAP	
FISH:		A1	A2		C	D	E1	E2							
Fresh	100, 105	1-39	1-67	1-64	1-03	1-22	2-79	2-05	2-53	1-38					
Processed and shell	111, 113	0-73	0-59	0-61	0-53	0-41	0-84	0-61	0-72	0-50					
Prepared, including fish products	114-117	0-92	1-15	1-11	1-81	1-77	1-50	1-47	1-95	1-62					
Frozen, including fish products	118-123	1-16	1-09	1-11	1-53	1-41	1-15	1-47	1-47	1-42					
Total fish	100-127	4-21	4-51	4-47	4-56	4-83	6-30	5-61	6-68	4-92					
EGGS, (Eggs purchased)	129	3-31 2-90	3-27 3-04	3-28 3-02	3-50 3-41	3-64 3-47	4-31 4-22	3-91 3-80	4-51 4-39	3-68 3-54					
FATS:															
Butter	135	4-18	3-58	3-71	3-62	3-53	5-45	3-66	5-46	3-69					
Margarine	138	3-52	3-24	3-30	3-71	4-16	4-82	5-04	5-15	4-11					
Lard and compound cooking fat	139	0-98	1-04	1-03	1-57	1-94	1-75	1-94	2-41	1-80					
Other fats	143, 148	1-49	2-02	1-92	1-41	1-46	1-90	1-42	1-32	1-46					
Total fats	135-148	10-18	9-88	9-96	10-32	11-09	13-92	12-06	14-33	11-06					
SUGAR AND PRESERVES:															
Sugar	150	7-77	8-28	8-14	9-05	11-26	15-56	13-95	16-96	11-08					
Honey, preserves, syrup and treacle	151-154	2-19	2-26	2-25	1-98	1-68	2-78	2-87	3-75	2-08					
Total sugar and preserves	150-154	9-96	10-55	10-39	11-04	12-95	18-35	16-82	20-69	13-15					
VEGETABLES:															
Potatoes	156-161	31-91	30-10	30-52	38-08	43-95	45-28	47-24	40-92	41-87					
Fresh green	162-171	11-86	10-87	11-07	11-43	10-46	16-72	14-13	16-96	11-98					
Other fresh	172-183	19-50	16-16	16-87	16-06	13-45	22-05	17-33	17-53	15-74					
Frozen, including vegetable products	203-208	8-78	5-19	5-90	5-91	3-57	4-76	3-22	3-46	5-20					
Other processed, including vegetable products	184-202	10-34	8-49	8-89	11-64	13-53	7-93	11-35	8-26	11-81					
Total vegetables	156-208	82-40	70-81	73-25	83-13	88-75	96-75	93-28	87-11	86-60					

TABLE 14—continued
(oz per person per week except where otherwise stated)

	Food codes	Income group													All house-holds		
		Gross weekly income of head of household															
		Households with one or more earners						Households without an earner			OAP						
		£300 and over		£210 and over		£125 and under £210		£75 and under £125		Less than £75	£75 or more	Less than £75		E1		E2	
A1		A2	All A	B	C	D	E1	E2	E1	E2	E1	E2	E1	E2			
FRUIT																	
Fresh	210-231	31.53	24.86	26.19	21.81	17.42	13.06	34.54	23.00	21.38	19.95						
Other, including fruit products	233-248	14.50	11.32	11.98	9.25	6.78	5.11	11.10	7.15	7.18	7.92						
Total fruit	210-248	46.03	36.18	38.17	31.06	24.20	18.17	45.64	30.15	28.56	27.87						
CEREALS																	
Brown bread	255	3.98	3.53	3.61	3.63	3.17	2.58	6.40	4.95	5.64	3.62						
White bread (standard loaves)	251-254	13.00	15.04	14.60	19.09	24.65	27.98	13.79	21.01	21.44	21.85						
Wholewheat and wholemeal bread	256	4.12	2.58	2.96	2.39	1.49	0.94	3.25	2.35	2.03	1.94						
Other bread	263	3.78	4.04	4.00	3.70	3.71	3.71	3.41	4.04	4.99	3.84						
Total bread	251-263	24.89	25.20	25.16	28.80	33.02	35.27	26.85	32.36	34.09	31.23						
Flour	264	4.41	4.60	4.54	4.35	6.66	4.23	8.73	6.98	8.35	5.96						
Cakes	267-270	3.42	3.76	3.70	3.41	3.73	3.58	3.89	3.86	4.90	3.77						
Biscuits	271,277	6.02	5.27	5.42	5.56	5.21	4.96	5.46	5.34	6.14	5.39						
Oatmeal and oat products	281	0.28	0.43	0.41	0.31	0.40	0.38	0.94	0.93	1.00	0.46						
Breakfast cereals	282	4.60	4.53	4.56	3.87	3.87	2.93	3.54	3.70	2.89	2.89						
Other cereals	283-301	5.32	4.97	5.05	5.60	5.56	5.08	4.79	5.55	5.41	5.45						
Total cereals	251-301	48.93	48.75	48.82	52.11	57.87	58.39	54.21	58.72	62.79	55.77						
BEVERAGES:																	
Tea	304	1.11	1.25	1.22	1.57	2.00	2.10	2.07	2.79	3.66	1.98						
Coffee	307-309	1.08	0.73	0.80	0.67	0.63	0.50	1.13	0.63	0.64	0.65						
Cocoa and drinking chocolate	312	0.53	0.23	0.29	0.14	0.15	0.16	0.15	0.14	0.17	0.15						
Branded food drinks	313	0.14	0.10	0.10	0.12	0.12	0.17	0.37	0.22	0.41	0.16						
Total beverages	304-313	2.86	2.30	2.41	2.51	2.88	2.93	3.73	3.77	4.88	2.95						

TABLE 15
Household food expenditure according to income group: main food groups, annual averages, 1981
 (pence per person per week)

	Food codes	Income group												All house-holds
		Gross weekly income of head of household												
		Households with one or more earners						Households without an earner			OAP			
		£300 and over	£210 and under £300	£210 and over	£125 and under £210	£75 and under £125	Less than £75	£75 or more	Less than £75	E1	E2	OAP	All house-holds	
		A1	A2	All A	B	C	D	E1	E2	OAP	All house-holds			
MILK AND CREAM:		75.64	73.50	73.90	71.75	70.74	65.71	79.33	73.01	83.52	71.99			
Liquid milk—full price	4	0.04	0.05	0.05	0.08	...	0.04	—	0.02	—	0.04			
welfare and school	5, 6													
Total liquid milk	4-6	75.67	73.55	73.95	71.83	70.74	65.75	79.33	73.03	83.52	72.03			
Condensed milk	9	0.74	1.40	1.29	1.75	2.00	1.78	2.56	2.17	3.70	1.98			
Dried and other milk	11-14	12.97	11.47	11.72	8.59	7.21	5.45	8.57	8.63	6.21	7.90			
Cream	17	8.81	6.76	7.20	4.25	2.40	1.64	8.69	3.02	2.59	3.48			
Total milk and cream	4-17	98.20	93.18	94.16	86.41	82.35	74.63	99.14	86.85	96.01	85.38			
CHEESE:		34.79	31.48	32.24	26.40	22.60	18.93	31.79	22.08	22.08	24.28			
Natural	22	1.90	1.72	1.77	1.81	1.78	1.83	0.91	1.78	2.21	1.81			
Processed	23													
Total cheese	22, 23	36.69	33.19	34.01	28.22	24.38	20.75	32.70	23.86	24.29	26.09			
MEAT:		69.37	64.83	66.04	58.42	56.09	46.43	68.08	55.85	76.62	58.24			
Beef and veal	31	40.29	27.47	30.25	28.14	23.23	19.71	46.74	25.62	34.65	26.26			
Mutton and lamb	36	35.08	17.68	21.23	26.43	22.49	20.55	23.97	19.94	26.05	23.37			
Pork	41													
Total carcass meat	31-41	144.74	109.98	117.52	112.98	101.81	86.69	138.79	101.41	137.33	107.87			
Bacon and ham, uncooked	55	33.67	27.00	28.43	27.53	25.92	26.01	41.45	28.04	32.97	27.61			
Poultry, uncooked	73, 77	40.78	30.93	32.71	29.63	27.59	24.39	36.48	22.28	26.22	28.04			
Other meat and meat products	46, 51, 58-71, 78-88, 94	60.64	69.43	67.65	73.24	78.00	74.90	68.19	71.67	76.44	74.65			
Total meat	31-94	279.81	237.35	246.30	243.38	233.33	211.98	284.92	223.43	272.96	238.15			

Tables

(pence per person per week)

	Food codes	Income group											All house-holds					
		Gross weekly income of head of household																
		Households with one or more earners						Households without an earner										
		£300 and over	£210 and over	£125 and under £210	£75 and under £125	Less than £75	£75 or more	Less than £75	E1	E2	OAP							
A1	A2	All A	B	C	D	E1	E2											
FRUIT:																		
Fresh	210-231	38-39	41-81	32-79	25-67	18-87	48-48	31-22	29-63	29-53								
Other, including fruit products	233-248	23-57	24-92	19-05	14-53	11-10	23-79	15-50	15-67	16-71								
Total fruit	210-248	61-96	66-73	51-84	40-20	29-97	72-27	46-72	45-30	46-24								
CEREALS:																		
Brown bread	255	5-54	5-76	5-68	5-03	4-23	10-35	8-17	9-92	5-83								
White bread (standard loaves)	251-254	19-84	19-35	25-18	32-31	36-28	19-83	28-54	31-06	28-98								
Whole-wheat and wholemeal bread	256	4-14	4-74	3-73	2-35	1-54	5-45	3-88	3-32	3-09								
Other bread	263	10-27	10-24	9-44	9-26	9-26	8-74	9-93	11-38	9-58								
Total bread	251-263	39-79	40-70	44-02	48-95	51-31	44-36	50-51	55-68	47-46								
Flour	264	3-34	3-29	3-10	4-58	4-37	6-48	5-25	6-28	4-24								
Cakes	267, 270	17-93	17-58	17-10	16-84	15-69	18-26	17-67	21-57	17-27								
Biscuits	271-277	22-20	23-31	22-65	20-20	18-33	19-97	19-36	21-26	20-99								
Oatmeal and oat products	281	0-59	0-76	0-59	0-74	0-75	1-53	1-60	1-69	0-84								
Breakfast cereals	282	15-22	14-49	14-69	10-44	9-07	11-72	11-54	9-34	11-23								
Other cereals	285-301	18-48	19-12	18-74	17-24	14-19	12-87	15-20	12-50	16-93								
Total cereals	251-301	116-98	118-84	118-56	118-98	113-73	115-19	121-11	128-33	118-95								
BEVERAGES:																		
Tea	304	7-62	7-94	10-21	12-90	13-80	13-45	18-52	23-72	12-89								
Coffee	307-309	20-36	14-79	13-02	11-39	9-19	19-57	11-71	11-86	12-25								
Cocoa and drinking chocolate	312	2-89	1-77	0-93	0-82	1-03	0-85	0-99	1-07	0-99								
Branded food drinks	313	0-68	0-50	0-61	0-58	0-87	1-77	1-02	2-03	0-78								
Total beverages	304-313	31-54	26-19	24-77	25-69	24-89	35-63	32-25	38-68	26-92								
MISCELLANEOUS:																		
Soups, canned, dehydrated and powdered	318, 319	5-66	5-83	5-25	5-91	5-77	6-56	6-72	7-77	5-90								
Other foods	323-339	27-64	22-90	24-01	21-57	17-58	21-90	17-17	19-07	21-48								
Total miscellaneous	315-339	33-30	28-73	29-85	27-48	23-32	28-47	23-89	26-84	27-37								
TOTAL EXPENDITURE		£8-93	£7-76	£8-01	£7-71	£6-88	£9-02	£7-67	£8-59	£7-63								

**Household composition group averages of
consumption, expenditure and relative
food price levels**

TABLE 16

Household expenditure on seasonal, convenience and other foods according to household composition, together with comparative indices of food prices and the real value of food purchased, 1981

	Households with												All households	
	No. of adults		1		2		3		4 or more		4 or more			£
	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	0			
	£	£	£	£	£	£	£	£	£	£	£	£	£	
(i) Expenditure and value of garden and allotment produce, etc.														
Expenditure on:														
Seasonal foods	1.57	0.94	1.47	1.10	0.96	0.80	0.76	1.36	1.05	0.99	1.19	1.15		
Convenience foods														
Canned	0.60	0.41	0.50	0.50	0.42	0.39	0.34	0.47	0.43	0.36	0.43	0.45		
Frozen	0.29	0.30	0.26	0.31	0.30	0.24	0.23	0.29	0.29	0.21	0.29	0.28		
Other convenience foods	1.50	1.35	1.34	1.41	1.32	1.15	1.15	1.34	1.23	1.01	1.26	1.30		
Total convenience foods	2.39	2.07	2.11	2.22	2.04	1.78	1.73	2.11	1.95	1.59	1.99	2.04		
All other foods	5.35	3.55	5.59	4.34	3.79	3.44	3.03	5.22	4.23	3.41	4.80	4.45		
Total expenditure	9.31	6.56	9.17	7.66	6.79	6.02	5.52	8.68	7.23	5.99	7.97	7.63		
Value of garden and allotment produce, etc.	0.11	0.09	0.24	0.17	0.13	0.12	0.11	0.21	0.17	0.09	0.20	0.17		
Value of consumption	9.42	6.65	9.41	7.83	6.92	6.14	5.63	8.89	7.40	6.08	8.17	7.80		
(ii) Comparative indices (a) of expenditure, prices and purchases (all foods)														
Expenditure	122.0	85.9	120.1	100.3	88.9	78.8	72.3	113.7	94.7	78.5	104.4	100		
Value of consumption	120.7	85.2	120.5	100.3	88.7	78.6	72.0	113.9	94.7	77.9	104.6	100		
Prices	104.2	98.5	101.5	100.8	98.6	96.1	94.6	102.6	99.0	96.8	100.5	100		
Index of value of consumption deflated by														
Food purchases	115.8	86.5	118.8	98.5	89.9	81.8	76.1	111.1	95.7	80.4	104.1	100		
All other foods	117.4	87.6	118.4	99.7	90.3	81.9	76.1	110.7	96.1	79.6	104.1	100		
Price of energy	106.5	90.3	105.4	104.3	98.7	87.2	85.2	106.0	97.8	78.9	103.1	100		

(a) See Glossary

TABLE 17—continued
 (oz per person per week, except where otherwise stated)

	No. of adults	Households with										4 or more		
		1		2			3		3		3 or more		4 or more	
		0	1 or more	0	1	2	3	4 or more	0	1 or 2				
	No. of children													
	Food codes													
EGGS (Eggs purchased)	129	4-63 4-60	3-16 3-11	4-32 4-17	3-24 3-10	3-21 3-12	3-02 2-92	3-00 2-97	4-32 4-10	3-72 3-43	3-57 3-45	3-38 3-22	0	
FATS:														
Butter	135	5-55	2-06	4-68	3-51	2-64	2-95	2-14	4-45	3-37	4-59	4-31		
Margarine	138	4-24	4-74	4-85	3-53	3-76	4-26	3-66	3-88	4-02	3-86	3-85		
Lard and compound cooking fat	139	1-54	1-66	2-22	1-83	1-45	1-78	1-45	2-00	1-69	1-01	1-89		
Other fats	143, 148	1-56	1-18	1-89	1-46	1-24	1-47	0-87	1-43	1-38	1-72	0-87		
Total fats	135 - 148	12-89	9-64	13-63	10-33	9-28	10-45	8-12	11-75	10-46	11-18	10-92		
SUGAR AND PRESERVES														
Sugar	150	14-76	10-80	13-32	9-56	8-50	9-92	10-37	13-11	10-62	11-12	11-18		
Honey, preserves, syrup and treacle	151 - 154	3-99	1-73	2-77	1-65	1-61	1-70	1-47	2-19	1-68	1-43	1-64		
Total sugar and preserves	150 - 154	18-75	12-53	16-09	11-22	10-12	11-62	11-85	15-30	12-29	12-54	12-82		
VEGETABLES:														
Potatoes	156 - 161	33-33	48-84	44-37	40-71	38-82	37-68	42-43	43-87	44-45	49-41	50-53		
Fresh green	162 - 171	14-40	7-65	17-70	10-42	9-07	8-14	7-09	15-04	11-00	8-45	13-09		
Other fresh	172 - 183	20-99	11-34	20-36	15-11	13-19	11-27	11-01	18-54	14-31	12-70	16-30		
Frozen, including vegetable products	203 - 208	4-28	3-51	5-06	5-32	5-02	3-89	2-95	5-83	5-38	3-31	6-46		
Other processed, including vegetable products	184 - 202	10-72	14-99	10-95	13-74	12-68	13-27	12-17	10-68	11-93	13-32	11-34		
Total vegetables	156 - 208	83-72	86-35	98-43	85-30	78-76	74-24	75-66	93-98	87-08	87-20	97-71		
FRUIT:														
Fresh	210 - 231	28-31	14-26	25-05	19-72	17-31	14-32	12-35	21-85	19-07	16-40	18-68		
Other, including fruit products	233 - 248	10-84	5-76	9-46	7-91	7-35	6-35	4-95	9-13	7-55	4-37	7-38		
Total fruits	210 - 248	39-15	20-02	34-51	27-63	24-66	20-67	17-30	30-98	26-62	20-77	26-06		

TABLE 17—continued
(oz per person per week, except where otherwise stated)

	Households with																
	No. of adults		1		2		3		4 or more		3		3 or more		4 or more		
	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	0	1 or 2	3 or more	0	1 or 2	3 or more	
	No. of children																
	Food codes																
CEREALS	255	7-21	2-38	5-09	2-77	2-47	2-15	2-15	2-15	2-15	2-15	2-15	2-15	2-15	2-15	2-15	2-15
Brown bread	251-254	18-77	25-53	20-69	20-98	20-01	23-12	24-32	24-32	24-32	24-32	24-32	24-32	24-32	24-32	24-32	24-32
White bread (standard loaves)	256	3-07	1-00	2-59	2-05	1-77	1-30	1-02	1-02	1-02	1-02	1-02	1-02	1-02	1-02	1-02	1-02
Whole-wheat and wholemeal bread	263	4-90	3-15	4-88	3-53	3-36	2-74	2-29	2-29	2-29	2-29	2-29	2-29	2-29	2-29	2-29	2-29
Other bread																	
Total bread	251-263	33-95	32-05	33-24	29-34	27-60	29-31	29-79	29-79	29-79	29-79	29-79	29-79	29-79	29-79	29-79	29-79
Flour	264	5-46	4-61	7-38	3-81	3-56	6-38	3-85	3-85	3-85	3-85	3-85	3-85	3-85	3-85	3-85	3-85
Cakes	267-270	5-21	3-61	4-61	3-71	3-27	2-56	2-79	2-79	2-79	2-79	2-79	2-79	2-79	2-79	2-79	2-79
Biscuits	271-277	6-58	5-93	5-45	5-29	5-80	5-20	5-18	5-18	5-18	5-18	5-18	5-18	5-18	5-18	5-18	5-18
Oatmeal and oat products	281	1-04	0-37	0-65	0-29	0-22	0-36	0-55	0-55	0-55	0-55	0-55	0-55	0-55	0-55	0-55	0-55
Breakfast cereals	282	3-76	3-85	2-86	3-35	4-14	4-35	4-86	4-86	4-86	4-86	4-86	4-86	4-86	4-86	4-86	4-86
Other cereals	285-301	5-72	7-07	5-45	5-82	5-98	5-30	5-24	5-24	5-24	5-24	5-24	5-24	5-24	5-24	5-24	5-24
Total cereals	251-301	61-72	57-51	59-64	51-60	50-56	53-47	52-24	52-24	52-24	52-24	52-24	52-24	52-24	52-24	52-24	52-24
BEVERAGES																	
Tea	304	3-26	1-52	2-83	1-58	1-29	1-26	1-23	1-23	1-23	1-23	1-23	1-23	1-23	1-23	1-23	1-23
Coffee	307-309	0-93	0-55	0-84	0-67	0-56	0-49	0-36	0-36	0-36	0-36	0-36	0-36	0-36	0-36	0-36	0-36
Cocoa and drinking chocolate	312	0-22	0-16	0-17	0-14	0-18	0-11	0-07	0-07	0-07	0-07	0-07	0-07	0-07	0-07	0-07	0-07
Branded food drinks	313	0-46	0-18	0-22	0-17	0-09	0-13	0-03	0-03	0-03	0-03	0-03	0-03	0-03	0-03	0-03	0-03
Total beverages	304-313	4-88	2-42	4-06	2-56	2-12	1-98	1-68	1-68	1-68	1-68	1-68	1-68	1-68	1-68	1-68	1-68

Household food expenditure according to household composition: main food groups, annual averages, 1981

(pence per person per week)

	Households with											
	No. of adults		1		2		3		4 or more		3 or more	4 or more
	0	1 or more	0	1	2	3	4 or more	0	1 or 2			
MILK AND CREAM:												
Liquid milk—full price	86-40	67-86	76-17	75-88	71-16	66-08	63-57	71-93	66-03	63-19	65-58	0
welfare and school	—	0-05	—	0-05	0-07	0-12	0-07	—	0-01	...	—	0
Total liquid milk	86-40	67-91	76-17	75-94	71-23	66-20	63-64	71-93	66-04	63-20	65-58	0
Condensed milk	3-82	1-92	2-77	1-20	1-17	1-59	1-21	2-20	1-94	2-40	1-60	0
Dried and other milk	10-15	6-55	7-56	11-22	8-12	8-71	6-35	6-20	6-36	5-86	6-26	0
Cream	4-98	1-34	5-33	3-27	2-64	1-52	1-47	5-59	2-71	2-09	3-55	0
Total milk and cream	105-35	77-72	91-81	91-63	83-16	78-02	71-20	85-91	77-06	73-54	76-99	0
CHEESE:												
Natural	31-69	17-55	30-26	25-58	21-94	18-29	14-39	27-74	22-32	11-89	25-96	0
Processed	2-86	1-79	1-67	1-96	1-83	1-65	1-77	1-70	1-54	1-31	1-68	0
Total cheese	34-55	19-34	31-93	27-54	23-77	19-93	16-15	29-44	23-86	13-20	27-64	0
MEAT:												
Beef and veal	58-74	36-26	83-93	56-99	47-51	33-98	24-23	84-25	57-20	24-23	65-92	0
Mutton and lamb	27-15	12-15	40-56	22-55	18-26	19-03	12-31	31-27	25-66	19-50	37-53	0
Pork	25-59	19-99	28-79	23-29	22-60	15-53	14-54	27-08	21-44	13-19	28-42	0
Total carcase meat	111-48	68-40	153-27	102-83	88-37	68-54	51-08	142-60	104-30	56-93	131-87	0
Bacon and ham, uncooked	32-51	19-15	39-50	25-05	21-38	17-88	17-87	35-55	27-40	15-18	29-60	0
Poultry, uncooked	28-54	21-35	33-16	31-94	24-07	19-10	21-49	32-09	29-95	28-19	30-18	0
Other meat and meat products	91-00	72-09	84-06	78-93	67-04	59-05	57-42	87-63	70-55	57-22	79-67	0
Total meat	263-51	180-98	309-99	238-74	200-87	164-56	147-86	297-87	232-21	157-52	271-32	0
FISH:												
Fresh	14-17	5-30	14-97	5-23	4-28	3-05	2-41	13-08	7-71	5-50	11-42	0
Processed and shell	5-15	3-47	6-63	4-17	2-70	1-52	1-09	6-75	2-99	0-70	5-27	0
Prepared, including fish products	16-20	11-49	15-26	14-88	11-02	7-77	7-12	14-88	12-88	11-33	15-30	0
Frozen, including fish products	11-37	9-82	9-95	10-34	8-48	7-55	7-72	8-66	7-92	6-72	7-06	0
Total fish	46-89	30-08	46-82	34-63	26-48	19-90	18-34	43-37	31-51	24-25	39-05	0

TABLE 18—continued
(pence per person per week)

	No. of adults	Households with											
		1			2			3			4 or more		
		0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	4 or more	
	No. of children	27-79	17-81	24-44	17-72	17-66	16-33	16-06	24-02	19-36	19-42	19-17	
	Food codes												
EGGS	129												
FATS													
Butter	135	27-34	10-08	22-56	16-70	12-53	14-22	10-24	21-45	15-95	21-84	21-02	
Margarine	138	10-02	10-12	10-94	7-72	8-29	8-94	7-97	9-40	8-76	8-32	8-98	
Lard and compound cooking fat	139	2-55	2-71	3-58	2-90	2-51	2-86	2-23	3-19	2-72	1-46	3-12	
Other fats	141, 148	4-87	3-24	4-99	3-78	2-94	3-37	2-38	3-90	3-62	3-47	2-69	
Total fats	135-148	44-78	26-15	42-07	31-11	26-27	29-39	22-83	37-93	31-06	35-09	35-80	
SUGAR AND PRESERVES													
Sugar	150	17-17	12-38	15-22	10-69	9-68	11-14	11-40	15-08	12-06	12-09	12-72	
Honey, preserves, syrup and treacle	151-154	10-82	3-90	7-05	4-30	3-90	4-12	3-34	5-36	3-91	3-41	4-31	
Total sugar and preserves	150-154	28-00	16-29	22-28	14-99	13-60	15-26	14-73	20-45	15-98	15-51	17-02	
VEGETABLES													
Potatoes	156-161	16-52	19-84	18-35	17-61	16-05	14-59	16-78	17-77	17-37	18-91	20-31	
Fresh	162-171	16-57	8-52	15-96	10-47	9-34	7-56	6-87	13-85	9-43	8-46	11-87	
Other fresh	172-183	33-45	17-43	30-55	24-08	20-50	15-53	15-78	27-53	20-78	20-25	24-10	
Frozen, including vegetable products	203-208	11-08	8-25	11-40	10-98	10-40	7-31	6-17	12-18	10-61	6-59	13-67	
Other processed, including vegetable products	184-202	22-89	31-28	23-00	28-84	28-01	27-61	26-88	22-18	23-83	26-49	22-81	
Total vegetables	156-208	100-52	85-33	98-27	91-99	84-31	72-61	72-47	93-52	82-03	80-70	92-76	
FRUIT:													
Fresh	210-231	43-53	22-03	36-58	30-60	25-55	20-93	16-59	32-57	27-55	25-59	26-67	
Other	233-248	21-85	11-93	20-68	16-59	15-25	13-70	10-96	18-66	15-51	9-75	13-78	
Total fruit	210-248	65-38	33-96	57-26	47-19	40-80	34-63	27-55	51-23	43-06	35-34	42-45	

TABLE 18—continued
 (pence per person per week)

	Households with														
	No. of adults		1				2			3			3 or more		4 or more
	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	3 or more	4 or more	0		
	No. of children														
	Food codes														
CEREALS:	255														
Brown bread	12-58	3-77	8-42	4-33	3-84	3-18	3-19	7-74	4-73	3-25	6-67				
White bread (standard loaves)	27-38	31-93	29-11	27-43	25-71	29-25	29-72	31-74	31-72	31-10	33-57				
Wholewheat and wholemeal bread	5-21	1-61	4-25	3-18	2-69	2-00	1-53	3-39	2-60	0-71	2-41				
Other bread	12-36	8-15	11-95	9-22	8-63	7-15	5-12	11-51	9-62	4-77	9-55				
<i>Total bread</i>	57-54	45-46	53-74	44-16	40-87	41-59	39-56	54-37	48-66	39-83	52-31				
Flour	4-28	3-39	5-46	2-75	2-52	4-29	2-70	4-83	4-08	13-81	4-33				
Cakes	24-08	17-10	20-89	17-07	14-63	11-30	12-79	20-86	17-13	10-31	17-67				
Biscuits	24-37	21-72	20-90	21-40	23-17	20-03	18-87	19-52	20-18	13-93	17-76				
Oatmeal and oat products	1-98	0-58	1-15	0-50	0-43	0-59	0-84	1-43	0-51	0-84	0-72				
Breakfast cereals	12-26	12-51	9-03	10-72	13-31	13-49	14-89	9-00	10-43	10-20	8-71				
Other cereals	16-09	20-85	15-90	19-03	19-27	16-72	16-04	13-31	16-29	15-08	15-02				
<i>Total cereals</i>	140-59	121-61	127-09	115-64	114-20	108-00	105-71	123-32	117-27	103-99	116-41				
BEVERAGES:															
Tea	22-06	10-38	18-23	10-31	8-42	8-01	7-47	17-23	11-60	9-58	15-46				
Coffee	17-85	11-13	15-38	12-68	10-47	9-27	6-31	13-73	10-97	5-49	14-47				
Cocoa and drinking chocolate	1-54	0-84	1-10	0-75	1-18	0-75	0-45	0-97	0-98	0-31	0-81				
Branded food drinks	2-26	0-98	1-03	0-87	0-44	0-60	0-15	0-62	0-60	0-22	0-49				
<i>Total beverages</i>	43-71	23-33	35-73	24-61	20-50	18-63	14-38	32-56	24-14	15-61	31-23				
MISCELLANEOUS:															
Soups, canned, dehydrated and powdered	9-02	5-89	6-04	6-36	5-37	5-07	4-92	6-36	5-36	5-82	5-15				
Other foods	21-07	17-31	23-04	23-65	21-91	19-27	19-32	21-78	19-62	19-12	22-19				
<i>Total miscellaneous</i>	30-09	23-19	29-09	30-02	27-29	24-34	24-24	28-14	24-98	24-96	27-35				
TOTAL EXPENDITURE	£9-31	£6-56	£9-17	£7-66	£6-79	£6-02	£5-52	£8-68	£7-23	£5-99	£7-97				

TABLE 19
Total household food expenditure per head and per household by certain household composition groups within income groups (a), 1981

	Income group				All household(s) ^(b)	Income group							
	Gross weekly income of head of household					Gross weekly income of head of household							
	Households with one or more earners		Households with or without an earner			Households with one or more earners		Households with or without an earner					
	£210 and over	£125 and under £210	£75 and under £125	Less than £75		All A	B	C	D & E2				
Households with:	£ per head	£ per head	£ per head	£ per head	£ per household	£ per household	£ per household	£ per household	£ per household	£ per household			
adults only	9.78	9.54	8.81	8.67	22.59	20.80	19.74	15.00	8.97	22.59	20.80	19.74	15.00
1 adult, 1 or more children	*	(8.20)	7.82	6.25	*	(17.96)	19.80	18.26	6.57	(17.96)	19.80	18.26	18.32
2 adults, 1 child	8.69	7.79	7.45	6.93	26.08	23.36	22.37	20.79	7.66	26.08	22.37	22.37	22.99
2 adults, 2 children	7.48	7.02	6.64	5.67	29.92	28.07	26.54	22.67	6.78	29.92	28.07	26.54	27.13
2 adults, 3 children	6.34	6.28	5.82	5.33	31.70	31.41	29.09	26.64	6.00	31.70	31.41	29.09	30.01
2 adults, 4 or more children	(6.40)	5.97	5.43	4.67	(40.37)	37.28	35.19	30.61	5.49	(40.37)	37.28	35.19	35.20
3 or more adults, 1 or more children	7.43	7.28	6.96	5.76	37.67	37.12	35.21	32.05	6.92	37.67	37.12	35.21	35.63
All households	8.00	7.71	7.43	7.13	28.00	25.74	23.70	17.91	7.62	28.00	25.74	23.70	21.57

(a) An asterisk indicates fewer than 10 households in the sample. Figures in brackets are averages based on samples of more than 9 but fewer than 20 households.

(b) Including OAP households and households in income group E1.

TABLE 20

Household consumption of main foods by certain household composition groups within income groups: annual averages, 1981

Food codes	oz per person per week, except where otherwise stated)												
	Income group A						Income group B						
	Households (a) with						Households with						
	Adults only	1 child	2 children	3 children	4 or more children (A)	3 or more adults, 1 or more children	Adults only	1 or more children (B)	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children
MILK AND CREAM:													
Liquid milk—full price, welfare and school	4-16 0-02	4-23 0-02	4-02 0-06	3-82 0-06	5-20 0-07	4-20 0-02	4-00	3-37	4-32 0-02	4-01 0-06	3-54 0-07	3-76 0-10	3-62 0-03
Total liquid milk	4-16 0-08	4-24 0-03	4-08 0-05	3-88 0-05	5-27 0-07	4-22 0-12	4-00 0-11	3-37 0-17	4-34 0-07	4-06 0-07	3-60 0-06	3-86 0-03	3-64 0-14
Condensed milk	0-34	0-40	0-29	0-48	0-27	0-30	0-28	0-16	0-42	0-28	0-36	0-14	0-34
Dried and other milk	0-09	0-05	0-04	0-02	0-01	0-04	0-06	0-02	0-03	0-02	0-02	0-03	0-03
Cream													
Total milk and cream	4-68	4-71	4-47	4-44	5-63	4-68	4-44	3-72	4-85	4-43	4-06	4-06	4-14
CHEESE:													
Natural	5-82	5-25	4-59	3-28	3-41	4-03	5-39	3-51	3-70	3-50	3-23	2-91	3-50
Processed	0-22	0-20	0-17	0-30	0-43	0-19	0-22	—	0-26	0-24	0-19	0-32	0-27
Total cheese	6-03	5-45	4-76	3-58	3-84	4-22	5-61	3-51	3-95	3-74	3-42	3-23	3-77
MEAT:													
Beef and veal	10-38	8-84	6-97	4-65	2-11	6-63	9-06	9-00	6-55	6-31	4-60	3-11	6-68
Mutton and lamb	6-14	3-93	2-32	5-83	3-44	4-65	6-74	2-74	4-27	3-33	3-73	1-75	4-01
Pork	4-23	3-09	2-15	4-82	1-56	2-73	5-00	1-29	3-53	5-64	2-58	4-72	3-41
Total carcass meat	20-75	15-86	11-44	15-30	7-11	14-00	20-80	13-03	14-35	15-27	10-91	9-58	14-10
Bacon and ham, uncooked	5-41	4-01	4-08	2-20	3-26	3-60	5-77	3-71	3-82	2-93	3-48	2-97	3-88
Poultry, uncooked	10-06	8-87	6-72	3-50	5-08	9-19	8-29	5-03	8-89	6-46	6-15	6-44	8-02
Other meat and meat products	12-58	11-98	10-23	10-44	11-55	9-74	14-66	16-83	12-29	12-19	10-92	12-05	12-48
Total meat	48-80	40-75	32-45	31-43	26-99	36-53	49-51	38-57	39-34	36-83	31-46	31-04	38-46

TABLE 20—continued
(oz per person per week, except where otherwise stated)

Food codes	Income group C												Income group D & E2												
	Households with						Households with						Households with						Households with						
	Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children	Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children	Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children				
MILK AND CREAM																									
Liquid milk—full price	4.04	3.81	4.27	3.88	3.75	3.58	3.59	3.68	3.35	3.42	3.37	2.58	2.93	—	0.04	0.03	0.06	0.04	0.13	0.02	0.41	0.53	0.32	0.35	0.17
. . . welfare and school	—	0.04	0.03	0.06	0.04	0.13	0.02	0.41	0.53	0.32	0.35	0.35	0.17												
Total liquid milk	4.04	3.85	4.30	3.94	3.79	3.71	3.61	4.08	3.89	3.68	3.68	2.92	3.10												
Condensed milk	0.15	0.14	0.07	0.07	0.06	0.08	0.11	0.07	0.07	0.04	0.27	0.07	0.11												
Dried and other milk	0.27	0.24	0.43	0.26	0.36	0.19	0.16	0.41	0.45	0.36	0.29	0.33	0.15												
Cream	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.01	...	...	0.01												
Total milk and cream	4.31	4.26	4.82	4.29	4.21	3.98	3.90	4.58	4.42	4.28	4.25	3.32	3.37												
CHEESE																									
Natural	4.28	3.40	3.43	3.20	2.65	2.07	2.77	2.57	3.50	2.19	1.62	1.40	2.13												
Processed	0.23	0.12	0.25	0.25	0.28	0.18	0.18	0.26	0.24	0.20	0.15	0.18	0.23												
Total cheese	4.51	3.52	3.68	3.45	2.93	2.24	2.94	2.83	3.75	2.39	1.77	1.58	2.36												
MEAT:																									
Beef and veal	8.85	5.92	6.91	5.69	3.99	3.58	6.21	4.47	5.91	4.25	3.84	2.76	4.92												
Mutton and lamb	5.37	3.24	3.25	3.05	2.59	1.84	3.04	5.22	2.90	2.37	3.17	2.88	2.96												
Pork	4.51	4.73	4.11	3.32	1.99	2.05	3.01	3.72	4.97	2.41	2.55	1.87	2.62												
Total carcass meat	18.93	13.89	14.27	12.06	8.56	7.47	12.26	17.37	13.78	9.02	9.56	7.51	10.50												
Bacon and ham, uncooked	4.88	3.87	3.67	3.19	2.27	3.16	4.01	5.68	3.25	3.18	3.87	3.26	3.13												
Poultry, uncooked	8.26	9.33	6.84	6.19	4.93	6.48	7.12	5.83	7.11	5.74	5.79	5.31	5.52												
Other meat and meat products	15.53	12.81	14.22	12.94	11.83	11.12	12.92	14.88	16.34	12.70	10.59	10.74	12.16												
Total meat	47.62	39.89	38.99	34.38	27.60	28.23	36.31	43.76	40.46	30.64	29.82	26.82	31.29												
FISH:																									
Fresh	2.01	2.05	0.85	0.69	0.55	0.25	1.06	2.19	0.88	0.63	0.46	0.51	0.94												
Processed and shell	0.71	1.02	0.26	0.20	0.18	0.03	0.32	0.77	0.45	0.08	0.06	0.28	0.29												
Prepared, including fish products	2.17	1.49	1.68	1.70	1.21	1.29	1.74	1.81	1.94	1.51	1.05	1.04	1.65												
Frozen, including fish products	1.35	1.45	1.86	1.31	1.38	1.36	1.33	1.68	1.76	1.53	0.66	0.92	1.29												
Total fish	6.22	6.01	4.66	3.90	3.33	2.93	4.44	6.46	5.05	3.75	2.23	2.75	4.18												

TABLE 20—continued
 (oz per person per week, except where otherwise stated)

	Food codes	Income group C										Income group D & E						
		Households with					Households with					Households with						
		Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children	Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children			
EGGS (Eggs purchased)	129	4-33 4-13	3-82 3-76	3-20 3-05	3-13 3-01	2-92 2-83	2-85 2-85	3-82 3-49	4-28 4-17	3-06 3-00	3-41 3-39	3-14 3-10	3-37 3-08	3-57 3-49	4-02 3-94			
FATS:																		
Butter	135	4-37	2-95	3-11	2-38	3-42	2-74	3-93	4-28	1-97	3-35	1-94	1-74	1-08	3-10			
Margarine	138	4-19	4-60	3-60	4-56	3-78	3-19	4-42	5-23	5-04	3-57	3-74	4-48	2-67	4-12			
Lard and compound cooking fat	139	2-22	0-98	1-92	1-99	1-64	1-22	1-70	2-16	1-69	2-46	2-59	1-92	1-74	1-41			
All other fats	143, 148	1-60	0-65	1-46	1-25	1-58	1-21	1-51	1-65	1-28	0-59	0-52	1-21	0-41	1-35			
Total fats	135-148	12-39	9-18	10-10	10-18	10-42	8-36	11-56	13-31	9-98	9-97	8-79	9-35	5-91	9-98			
SUGAR AND PRESERVES:																		
Sugar	150	12-68	11-05	9-78	9-34	10-72	9-75	12-49	14-54	11-27	11-18	9-21	11-02	11-58	12-18			
Honey, preserves, syrup and treacle	151-154	2-12	1-37	1-43	1-53	1-50	0-85	1-51	3-21	1-49	1-04	1-16	1-13	1-05	1-09			
Total sugar and preserves	150-154	14-80	12-42	11-21	10-87	12-22	10-61	14-00	17-74	12-76	12-22	10-36	12-15	12-62	13-27			
VEGETABLES:																		
Potatoes	156-161	48-00	36-89	43-47	42-74	39-00	35-73	43-22	47-04	50-28	43-87	49-09	51-94	58-12	59-57			
Fresh green	162-171	15-07	8-41	10-19	9-52	7-87	6-64	11-54	16-38	7-59	8-82	6-88	8-64	5-57	8-67			
Other fresh	172-183	19-29	13-57	12-61	12-88	9-95	10-56	14-71	18-97	11-24	14-30	8-80	12-51	10-00	11-16			
Frozen, including vegetable products	203-208	5-49	5-21	4-91	4-62	3-10	3-59	4-75	4-54	3-00	3-50	2-03	1-67	0-71	3-76			
Other processed, including vegetable products	184-202	12-65	14-11	14-97	13-54	14-85	12-84	13-75	12-26	15-75	16-97	15-52	15-76	13-92	13-85			
Total vegetables	156-208	100-50	78-20	86-17	83-30	74-77	69-36	87-97	99-20	87-82	87-48	82-28	90-52	88-33	96-99			
FRUIT:																		
Fresh	210-231	20-78	19-57	17-04	15-02	11-98	12-73	18-58	23-42	13-49	11-60	9-40	10-34	7-45	10-30			
Other, including fruit products	233-248	8-62	8-80	6-45	5-95	4-52	3-85	5-92	8-78	4-40	3-67	2-66	3-00	2-18	3-17			
Total fruit	210-248	29-40	28-37	23-49	20-97	16-50	16-58	24-50	32-20	17-89	15-27	12-06	13-34	9-63	13-47			

TABLE 20—continued

(oz per person per week, except where otherwise stated)

	Food codes	Income group C										Income group D & E2					
		Households with						Households with				Households with			Households with		
		Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children	Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	3 or more adults, 1 or more children		
CEREALS																	
	255	4.72	1.25	2.37	2.22	2.02	1.95	2.88	5.38	2.43	1.91	0.80	1.61	1.69	1.85		
	251-254	24.45	25.99	23.66	22.75	25.42	24.47	27.42	23.90	26.60	26.67	25.26	25.36	31.02	29.09		
	256	2.21	1.38	1.34	1.10	0.65	0.54	1.30	2.19	1.03	1.11	0.86	0.83	0.66	0.23		
	263	4.75	3.91	3.53	3.38	2.52	1.56	3.37	4.83	2.98	3.87	2.63	1.74	1.57	3.76		
	251-263	36.13	32.55	30.89	29.45	30.61	28.52	34.99	36.30	33.02	33.55	29.55	29.74	34.95	34.93		
	264	6.82	2.53	5.03	3.53	6.50	3.93	13.19	7.03	4.87	2.01	3.51	12.36	4.19	9.86		
	267, 270	4.53	2.84	3.38	3.48	3.74	3.08	3.39	4.78	3.49	3.74	2.55	1.81	1.63	2.81		
	271-277	4.94	6.46	4.86	6.06	5.10	5.40	4.65	5.42	5.71	5.32	4.42	3.96	5.08	4.24		
	281	0.49	0.29	0.22	0.30	0.34	0.45	0.45	0.92	0.42	0.31	0.07	0.45	0.34	0.25		
	282	2.67	3.85	3.17	4.06	3.76	4.20	3.14	3.19	4.03	2.66	3.97	2.97	2.96	2.15		
	285-301	4.85	11.51	6.11	6.46	5.68	5.47	5.09	5.62	6.02	4.89	4.80	4.64	4.32	4.33		
	251-301	60.43	60.02	53.65	53.33	54.73	51.06	64.90	63.24	57.56	52.49	48.88	55.95	53.47	58.57		
BEVERAGES																	
	304	2.81	1.76	1.71	1.45	1.30	1.01	2.00	3.18	1.57	1.96	1.39	1.56	1.62	1.75		
	307-309	0.78	0.86	0.66	0.57	0.45	0.36	0.50	0.69	0.47	0.57	0.47	0.41	0.26	0.24		
	312	0.14	0.49	0.10	0.15	0.06	0.05	0.18	0.19	0.07	0.24	0.18	0.09	0.05	0.06		
	313	0.14	—	0.14	0.09	0.16	0.05	0.10	0.27	0.25	0.11	0.06	0.06	—	0.11		
	304-313	3.85	3.11	2.61	2.26	1.97	1.47	2.78	4.33	2.36	2.86	2.11	2.12	1.93	2.15		
EXPENDITURE—ALL FOODS																	
		68.81	67.82	67.45	66.64	65.82	65.43	66.96	68.67	66.25	66.93	65.67	65.33	64.67	65.76		

(a) Averages are not shown for households of 1 adult and 1 or more children in income group A because there were fewer than 10 such households in the sample.
 (b) The figures in this column are based on samples of more than 9 but fewer than 20 households.

**Age-of-housewife group averages of
consumption, expenditure and relative
food price levels**

Household expenditure on seasonal, convenience and other foods according to age of housewife, together with comparative indices of food prices and the real value of food purchased, 1981

	Age of housewife							All house-holds
	£							
	Under 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 and over	
(i) <i>Expenditure and value of garden and allotment produce, etc</i>	£ (per person per week)							£
Expenditure on:								
Seasonal foods	0.86	0.95	1.06	1.30	1.50	1.41	1.30	1.15
Convenience foods								
Canned	0.51	0.44	0.42	0.48	0.49	0.49	0.43	0.45
Frozen	0.34	0.29	0.29	0.29	0.26	0.20	0.19	0.28
Other convenience foods	1.28	1.26	1.32	1.36	1.39	1.26	1.13	1.30
<i>Total convenience foods</i>	2.13	1.99	2.03	2.13	2.14	1.95	1.74	2.04
All other foods	3.45	3.68	4.11	5.08	5.62	5.54	4.87	4.45
<i>Total expenditure</i>	6.45	6.67	7.20	8.51	9.26	8.89	7.91	7.63
Value of garden and allotment produce, etc	0.13	0.12	0.15	0.19	0.23	0.22	0.14	0.17
Value of consumption	6.58	6.73	7.35	8.70	9.49	9.11	8.05	7.80
(ii) <i>Comparative indices (a) of expenditure, prices and purchases (all foods)</i>	(all households = 100)							
Expenditure	84.5	86.6	94.3	111.5	121.3	116.5	103.6	100
Value of consumption	84.3	86.3	94.1	111.5	121.6	116.8	103.1	100
Prices	101.6	99.4	98.8	100.6	100.6	100.7	102.8	100
Index of value of consumption deflated by index of food prices	82.9	86.8	95.3	110.8	120.8	116.0	100.3	100
Food purchases	83.3	87.1	95.3	110.6	120.5	115.8	100.9	100
Price of energy	100.4	99.4	97.3	100.7	103.9	99.5	100.9	100

(a) See Glossary

TABLE 22
Household food consumption according to age of housewife: main food groups, annual averages, 1981
(oz per person per week, except where otherwise stated)

	Food codes	Age of housewife								All house-holds
		Under 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 and over		
MILK AND CREAM										
Liquid milk—full price	4	3.57	3.81	3.79	3.98	4.25	4.38	4.46	3.94	
welfare and school	5, 6	0.26	0.12	0.04	0.02	...	...	0.02	0.06
Total liquid milk	4-6	3.82	3.92	3.83	3.99	4.26	4.39	4.49	4.01	
Condensed milk	9	0.07	0.07	0.09	0.15	0.13	0.17	0.12	0.10	
Dried and other milk	11-14	0.41	0.34	0.27	0.31	0.31	0.35	0.34	0.32	
Cream	17	0.01	0.02	0.02	0.03	0.04	0.03	0.02	0.03	
Total milk and cream	4-17	4.31	4.34	4.21	4.48	4.73	4.94	4.96	4.46	
CHEESE										
Natural	22	3.14	3.33	3.58	4.02	4.33	3.77	3.19	3.65	
Processed	23	0.24	0.25	0.22	0.22	0.23	0.25	0.23	0.24	
Total cheese	22, 23	3.38	3.58	3.81	4.24	4.56	4.02	3.42	3.89	
MEAT										
Beef and veal	31	5.10	5.39	6.05	8.02	10.37	8.99	7.09	6.96	
Mutton and lamb	36	2.45	2.83	3.70	5.27	5.98	6.96	4.91	4.25	
Pork	41	2.93	3.39	3.88	4.26	4.17	4.45	3.42	3.82	
Total carcass meat	31-41	10.48	11.61	13.64	17.55	20.52	20.40	15.41	15.02	
Bacon and ham, uncooked	55	2.97	2.94	3.80	4.95	5.93	5.50	4.62	4.14	
Poultry, uncooked	73, 77	5.36	6.39	7.22	8.61	7.80	6.18	5.58	7.03	
Other meat and meat products	46, 51 58-71 78-88, 94	13.78	12.07	12.60	13.97	15.15	14.01	11.35	13.18	
Total meat	31-94	32.59	33.00	37.25	45.09	49.40	46.05	36.96	39.34	

TABLE 22—continued
(oz per person per week, except where otherwise stated)

	Food codes	Age of housewife						All house-holds	
		Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
FISH:									
Fresh	100, 105 111-113	0.57	0.59	0.95	1.79	2.39	2.80	2.67	1.38
Processed and shell	114-117	0.28	0.31	0.36	0.64	0.97	0.68	0.73	0.50
Prepared, including fish products	118-123	1.37	1.31	1.51	2.00	1.96	1.75	1.69	1.62
Frozen, including fish products	110, 127	1.48	1.48	1.31	1.32	1.58	1.56	1.39	1.42
Total fish	100-127	3.70	3.70	4.17	5.74	6.89	6.81	6.48	4.92
EGGS									
(Eggs purchased)	129	2.82	2.99	3.62	4.11	4.38	4.58	4.19	3.68
	(no)	2.72	2.92	3.45	3.93	4.22	4.41	4.02	3.54
FATS:									
Butter	135	2.17	2.74	3.27	4.35	4.86	5.32	5.63	3.69
Margarine	138	3.21	3.54	4.17	4.36	4.82	5.12	3.60	4.11
Lard and compound cooking fat	139	1.93	1.54	1.55	1.84	2.46	2.39	1.55	1.80
All other fats	143, 148	1.58	1.15	1.43	1.88	1.82	1.26	0.95	1.46
Total fats	135-148	8.88	8.97	10.42	12.42	13.94	14.10	11.73	11.06
SUGAR AND PRESERVES:									
Sugar	150	7.62	7.99	10.12	13.02	13.91	16.81	15.30	11.08
Honey, preserves, syrup and treacle	151-154	1.17	1.51	1.94	1.97	2.77	3.49	3.65	2.08
Total sugar and preserves	150-154	8.80	9.49	12.05	15.00	16.68	20.29	18.94	13.15
VEGETABLES:									
Potatoes	156-161	36.53	36.36	43.48	46.61	45.56	45.07	37.96	41.87
Fresh green	162-171	6.58	8.43	10.73	13.71	18.33	17.59	14.33	11.98
Other fresh	172-183	11.53	13.65	14.30	17.79	20.39	19.51	15.11	15.74
Frozen, including vegetable products	203-208	4.15	4.69	5.13	5.96	4.90	3.73	3.23	4.88
Other processed, including vegetable products	184-202	16.96	13.28	12.41	11.53	11.05	8.98	6.61	12.13
Total vegetables	156-208	75.75	76.43	86.03	95.60	100.21	94.88	77.23	86.60
FRUIT:									
Fresh	210-231	12.31	16.25	19.06	22.96	25.68	24.88	22.24	19.95
Other, including fruit products	233-248	6.36	7.30	8.09	8.70	9.01	8.32	6.01	7.92
Total fruit	210-248	18.67	23.55	27.15	31.66	34.69	33.20	28.25	27.87

TABLE 22—continued
(oz per person per week, except where otherwise stated)

	Food codes	Age of housewife						All households	
		Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
CEREALS									
Brown bread	255	1-91	2-60	3-05	3-90	5-42	5-69	5-96	3-62
White bread (standard loaves)	251-254	21-40	19-31	23-23	24-33	22-58	20-73	19-74	21-85
Whole wheat and wholemeal bread	256	0-82	1-98	1-68	2-23	2-24	2-38	2-05	1-94
Other bread	263	2-35	3-08	3-64	4-29	5-24	5-04	3-89	3-84
<i>Total bread</i>	251-263	26-47	26-96	31-59	34-75	35-49	33-83	31-64	31-23
Flour	264	3-45	4-58	5-00	8-26	7-63	8-46	5-65	5-96
Cakes	267-270	2-64	3-02	3-38	4-25	5-09	4-87	4-87	3-77
Biscuits	271-277	4-84	5-19	5-41	5-47	5-66	5-65	5-40	5-39
Oatmeal and oat products	281	0-17	0-28	0-36	0-44	0-72	0-97	1-06	0-46
Breakfast cereals	282	3-01	3-74	4-12	3-31	2-94	3-12	2-63	3-53
Other cereals	285-301	6-46	5-78	5-21	5-58	4-60	5-55	4-70	5-45
<i>Total cereals</i>	251-301	47-05	49-56	55-07	62-07	62-11	62-46	55-98	55-77
BEVERAGES:									
Tea	304	1-23	1-29	1-50	2-41	2-95	3-39	3-47	1-98
Coffee	307-309	0-46	0-59	0-61	0-74	0-87	0-72	0-56	0-65
Cocoa and drinking chocolate	312	0-12	0-08	0-20	0-19	0-15	0-15	0-16	0-15
Branded food drinks	313	0-14	0-10	0-11	0-13	0-27	0-27	0-41	0-16
<i>Total beverages</i>	304-313	1-95	2-07	2-43	3-47	4-24	4-33	4-61	2-95

TABLE 23

Household food expenditure according to age of housewife: main food groups, annual averages, 1981

(pence per person per week)

	Food codes	Age of housewife							All household-holds
		Under 25	25-34	35-44	45-54	55-64	65-74	75 and over	
MILK AND CREAM:									
Liquid milk—full price	4	64.92	69.58	69.15	72.27	77.52	80.90	82.54	71.99
welfare and school	5, 6	0.03	0.07	0.06	0.01	...	—	—	0.04
<i>Total liquid milk</i>	4-6	64.95	69.65	69.21	72.28	77.52	80.90	82.54	72.03
Condensed milk	9	1.29	1.25	1.66	2.82	2.44	3.34	2.35	1.98
Dried and other milk	11-14	9.59	9.01	7.46	7.71	7.05	6.62	6.07	7.90
Cream	17	1.95	2.95	2.95	4.46	4.88	4.27	2.66	3.48
<i>Total milk and cream</i>	4-17	77.78	82.85	81.28	87.27	91.90	95.14	11.07	85.38
CHEESE:									
Natural	22	20.45	22.07	23.50	26.81	29.36	25.39	21.36	24.28
Processed	23	1.92	1.91	1.72	1.65	1.78	1.89	1.87	1.81
<i>Total cheese</i>	22, 23	22.37	23.98	25.23	28.46	31.14	27.28	23.23	26.09
MEAT:									
Beef and veal	31	41.52	43.41	50.09	70.57	86.33	76.17	60.51	58.24
Mutton and lamb	36	16.30	17.76	22.44	32.14	38.47	41.01	31.20	26.26
Pork	41	17.66	19.92	23.25	27.37	26.17	28.09	22.11	23.37
<i>Total carcass meat</i>	31-41	75.48	81.09	95.77	130.08	150.97	145.27	113.82	107.87
Bacon and ham, uncooked	55	20.34	19.51	24.73	33.90	39.45	36.60	31.52	27.61
Poultry, uncooked	73, 77	22.06	24.89	27.59	34.59	32.42	26.14	25.43	28.04
Other meat and meat products	46-51 58-71 78-88, 94	78.61	67.97	70.55	80.00	85.51	81.36	66.72	74.65
<i>Total meat</i>	31-94	196.47	193.46	218.62	279.29	308.36	289.38	237.51	238.15

TABLE 23—continued
(pence per person per week)

	Food codes	Age of housewife							All house-holds
		Under 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 and over	
FISH									
Fresh	100, 105 111 - 113	3-12	3-45	5-89	10-64	15-41	17-92	17-65	8-47
Processed and shell Prepared, including fish products	114 - 117	2-41	2-65	2-91	5-41	7-67	4-98	5-31	4-07
Frozen, including fish products	118 - 123 110, 127	10-81 9-88	10-47 9-10	11-89 7-70	15-97 8-33	15-87 10-03	14-12 10-73	13-44 10-28	12-88 8-95
Total fish	100 - 127	26-22	25-67	28-39	40-34	48-97	47-74	46-67	34-36
EGGS	129	15-50	16-54	19-61	22-75	24-69	26-09	24-00	20-38
FATS									
Butter	135	10-33	13-03	15-70	20-88	23-55	25-72	27-58	17-73
Margarine	138	6-95	7-99	9-03	9-77	11-00	11-50	8-20	9-17
Lard and compound cooking fat	139	2-97	2-39	2-44	2-99	3-98	3-89	2-47	2-86
All other fats	143, 148	3-77	2-74	3-77	4-77	4-98	3-61	2-88	3-78
Total fats	135 - 148	24-03	26-15	30-94	38-41	43-52	44-72	41-13	33-54
SUGAR AND PRESERVES									
Sugar	150	8-48	9-07	11-40	14-88	15-84	19-35	17-56	12-60
Honey, preserves, syrup and treacle	151 - 154	2-95	3-66	4-83	4-95	7-08	8-76	9-58	5-20
Total sugar and preserves	150 - 154	11-42	12-74	16-23	19-83	22-93	28-11	27-15	17-79
VEGETABLES:									
Potatoes	156 - 161	15-82	15-31	17-40	18-78	19-06	18-44	16-58	17-23
Fresh green	162, 171	7-98	9-18	10-21	12-37	16-59	14-87	14-11	11-47
Other fresh	172 - 183	21-16	22-13	21-94	26-18	29-68	24-83	20-73	23-79
Frozen, including vegetable products	203 - 208	9-99	9-65	10-37	12-63	10-82	8-63	7-76	10-37
Other processed, including vegetable products	184 - 202	33-09	28-42	26-80	24-21	21-42	18-18	14-02	25-39
Total vegetables	156 - 208	88-03	84-69	86-74	94-16	97-56	84-94	73-20	88-21
FRUIT:									
Fresh	210 - 231	20-34	25-34	28-13	33-75	37-02	33-98	31-39	29-53
Other, including fruit products	233 - 248	13-80	14-94	16-70	18-45	19-62	18-77	13-00	16-71
Total fruit	210 - 248	34-14	40-28	44-83	52-20	56-64	52-75	44-39	46-24

TABLE 23—continued
(pence per person per week)

	Food codes	Age of housewife						All house-holds
		Under 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74		75 and over
CEREALS:								
Brown bread	255	3.07	4.04	4.68	6.21	9.11	9.71	10.48
White bread (standard loaves)	251 - 254	27.82	24.70	29.78	32.58	31.60	29.87	28.65
Wholewheat and wholemeal bread	256	1.28	3.08	2.61	3.55	3.64	3.99	3.49
Other bread	263	6.44	8.08	8.99	10.64	12.84	11.65	9.65
<i>Total bread</i>	251 - 263	38.67	39.90	46.06	52.97	57.19	55.21	52.27
Flour	264	2.21	3.18	3.51	5.66	5.62	6.48	4.34
Cakes	267, 270	12.14	13.69	15.63	20.12	22.88	21.67	22.29
Biscuits	271, 277	19.34	20.54	21.41	21.87	21.93	20.06	18.87
Oatmeal and oat products	281	0.31	0.48	0.64	0.80	1.45	1.68	1.87
Breakfast cereals	282	9.69	11.83	13.02	10.49	9.45	10.23	8.59
Other cereals	285 - 301	22.23	18.51	17.26	16.65	14.06	13.83	11.25
<i>Total cereals</i>	251 - 301	104.55	108.12	117.54	128.56	132.59	129.16	119.35
BEVERAGES:								
Tea	304	8.07	8.48	9.68	15.54	19.26	21.94	22.60
Coffee	307 - 309	8.31	10.56	11.81	14.16	15.89	13.44	11.36
Cocoa and drinking chocolate	312	0.75	0.62	1.26	1.24	1.09	0.97	0.97
Branded food drinks	313	0.72	0.52	0.56	0.62	1.29	1.32	2.02
<i>Total beverages</i>	304 - 313	17.85	20.19	23.31	31.56	37.54	37.67	36.96
MISCELLANEOUS:								
Soups, canned, dehydrated and powdered	318, 319	7.30	5.27	5.40	6.06	6.45	6.18	8.01
Other foods	315 } 320 - 339	19.10	21.03	21.54	23.26	23.66	20.07	15.41
<i>Total miscellaneous</i>	315 - 339	26.40	26.30	26.95	29.32	30.12	26.27	23.43
TOTAL EXPENDITURE		£6.45	£6.61	£7.20	£8.51	£9.26	£8.89	£7.91
								£7.63

**Housing tenure group averages of
consumption, expenditure and relative
food price levels**

Household expenditure on seasonal, convenience and other foods according to housing tenure, together with comparative indices of food prices and the real value of food purchased, 1981

Tables

	Type of dwelling										All households
	Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage					
	Council	Other rented					(per person per week)				
			£	£	£	£	£	£	£	£	
(i) Expenditure and value of garden and allotment produce, etc											
Expenditure on:											
Seasonal foods	1.05	1.17	1.15	0.98	1.38	1.11					1.15
Convenience foods											
Canned	0.48	0.52	0.54	0.39	0.44	0.43					0.45
Frozen	0.26	0.27	0.28	0.25	0.26	0.31					0.28
Other convenience foods	1.28	1.27	1.09	1.34	1.29	1.34					1.30
<i>Total convenience foods</i>	2.02	2.05	1.90	1.98	1.98	2.09					2.04
All other foods	4.22	4.55	3.64	4.64	5.24	4.22					4.45
<i>Total expenditure</i>	7.29	7.77	6.70	7.60	8.60	7.42					7.63
Value of garden and allotment produce, etc	0.10	0.20	0.06	0.67	0.29	0.14					0.17
Value of consumption	7.39	7.97	6.76	8.27	8.89	7.56					7.80
(ii) Comparative indices (a) of expenditure, prices and purchases (all households = 100)											
<i>(all foods)</i>											
Expenditure	95.4	101.8	87.7	99.6	112.7	97.2					100
Value of consumption	94.6	102.1	86.5	106.0	113.9	96.9					100
Prices	98.1	100.6	103.7	103.8	101.2	100.5					100
Index of value of consumption deflated by index of food prices	96.4	101.5	83.5	102.1	112.6	96.4					100
Food purchases	97.5	101.2	84.6	95.4	111.2	96.6					100
Price of energy	93.3	100.3	114.8	101.0	101.7	104.3					100
(a) See Glossary											

TABLE 25
Household food consumption according to housing tenure: main food groups, annual averages, 1981
 (oz per person per week, except otherwise stated)

	Food codes	Type of dwelling						All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
		Council	Other rented					
MILK AND CREAM								
Liquid milk—full price	4	3.73	3.97	3.06	4.21	4.31	3.93	3.94
welfare and school	5, 6	0.12	0.06	0.03	...	0.03	0.04	0.06
Total liquid milk								
Condensed milk	4-6	3.85	4.03	3.09	4.21	4.33	3.97	4.01
Dried and other milk	9	0.09	0.16	0.13	0.16	0.12	0.09	0.10
Cream	11-14	0.28	0.31	0.37	0.52	0.33	0.32	0.32
	17	0.01	0.02	0.03	0.04	0.04	0.03	0.03
Total milk and cream	4-17	4.23	4.52	3.62	4.93	4.82	4.42	4.46
CHEESE								
Natural	22	2.92	3.49	4.58	4.11	4.30	3.90	3.65
Processed	23	0.27	0.20	0.07	0.16	0.20	0.25	0.24
Total cheese	22, 23	3.18	3.68	4.65	4.28	4.50	4.15	3.89
MEAT:								
Beef and veal	31	6.90	6.11	5.71	8.15	8.23	6.52	6.96
Mutton and lamb	36	3.90	4.88	2.64	2.06	5.92	3.72	4.25
Pork	41	3.61	5.09	3.03	3.25	4.05	3.65	3.82
Total carcase meat	31-41	14.40	16.09	11.38	13.47	18.20	13.89	15.02
Bacon and ham, uncooked	55	4.11	4.58	3.06	4.38	5.11	3.61	4.14
Poultry, uncooked	73, 77	6.37	6.93	5.15	4.57	8.14	7.19	7.03
Other meat and meat products	46, 51 58, 71 78-88, 94	14.74	14.04	10.46	14.91	12.43	12.03	13.18
Total meat	31-94	39.61	41.66	30.05	23.87	43.90	36.71	39.34
FISH:								
Fresh	100, 105	1.31	1.50	0.87	1.13	2.10	1.04	1.38
Processed and shell	111-113	0.45	0.61	0.41	0.36	0.68	0.44	0.50
Prepared, including fish products	114-117	1.83	1.97	1.28	1.19	1.66	1.39	1.62
Frozen, including fish products	118-123	1.41	1.40	1.25	0.85	1.52	1.44	1.42
Total fish	100, 127	5.02	5.48	3.81	3.53	5.96	4.10	4.92

TABLE 25—continued
 (oz per person per week, except where otherwise stated)

	Food codes	Type of dwelling							All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage		
		Council	Other rented						
EGGS (Eggs purchased)	129	3-82 3-77	3-99 3-72	3-13 3-12	4-69 3-39	4-04 3-80	3-28 3-20	3-68 3-54	
FATS:									
Butter	135	3-20	3-98	2-58	4-01	5-39	3-17	3-69	
Margarine	138	4-42	4-06	1-90	5-34	4-30	3-79	4-11	
Lard and compound cooking fat	139	2-40	1-88	0-99	1-95	1-59	1-41	1-80	
All other fats	143, 148	1-20	1-08	1-59	1-93	1-77	1-56	1-46	
Total fats	135 - 148	11-22	10-99	7-08	13-24	13-04	9-93	11-06	
SUGAR AND PRESERVES:									
Sugar	150	12-74	12-24	6-10	11-25	13-41	8-44	11-08	
Honey, preserves, syrup and treacle	151 - 154	1-79	2-15	2-08	3-40	2-68	1-90	2-08	
Total sugar and preserves	150 - 154	14-53	14-39	8-18	14-65	16-09	10-35	13-15	
VEGETABLES:									
Potatoes	156 - 161	51-16	44-82	27-10	39-56	39-87	35-24	41-87	
Fresh green	162 - 171	10-68	12-93	9-28	11-55	15-84	11-00	11-98	
Other fresh	172 - 183	13-20	15-68	17-48	15-05	19-69	15-75	15-74	
Frozen, including vegetable products	203 - 208	4-05	3-88	3-85	4-15	5-13	5-67	5-20	
Other processed, including vegetable products	184 - 202	14-42	12-50	13-79	10-06	9-25	11-69	12-13	
Total vegetables	156 - 208	93-52	89-80	71-52	80-37	89-77	79-33	86-60	
FRUIT:									
Fresh	210 - 231	13-87	18-67	19-25	19-93	27-85	21-13	19-95	
Other, including fruit products	233 - 248	5-13	7-40	12-37	6-92	9-39	9-28	7-92	
Total fruit	210 - 248	19-00	26-07	31-62	26-85	37-44	30-41	27-87	

TABLE 25—continued
(oz per person per week, except where otherwise stated)

	Food codes	Type of dwelling						All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
		Council	Other rented					
CEREALS:								
Brown bread	255	2-68	4-08	4-28	4-33	4-89	3-56	3-62
White bread (standard loaves)	251-254	28-16	22-46	14-08	22-77	18-63	18-36	21-85
Wholewheat and wholemeal bread	256	0-89	1-71	3-43	2-58	2-83	2-21	1-94
Other bread	283	4-03	4-11	2-33	3-91	4-19	3-51	3-84
Total bread	251-263	35-85	32-36	24-12	33-59	30-56	27-63	31-23
Flour	264	4-71	5-69	1-25	5-39	11-28	4-53	5-96
Cakes	267, 270	3-62	3-69	2-48	3-36	4-29	3-71	3-77
Biscuits	271-277	5-38	5-04	3-66	5-95	5-36	5-51	5-39
Oatmeal and oat products	281	0-38	0-47	0-40	0-75	0-78	0-33	0-46
Breakfast cereals	282	3-11	2-87	3-38	3-17	3-59	3-98	3-53
Other cereals	285-301	5-57	5-58	5-98	3-70	4-86	5-64	5-45
Total cereals	251-301	58-61	55-71	41-29	55-92	60-74	51-34	55-77
BEVERAGES:								
Tea	304	2-34	2-26	1-01	2-22	2-27	1-52	1-98
Coffee	307-309	0-53	0-57	0-82	0-94	0-79	0-67	0-65
Cocoa and drinking chocolate	312	0-14	0-09	0-07	0-34	0-19	0-15	0-15
Branded food drinks	313	0-14	0-14	0-23	0-12	0-24	0-13	0-16
Total beverages	304-313	3-15	3-06	2-13	3-62	3-50	2-48	2-95

Household food expenditure according to housing tenure: main food groups, annual averages, 1981
 (pence per person per week)

	Food codes	Type of dwelling						All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
		Council	Other rented					
MILK AND CREAM:								
Liquid milk — full price	4	69.23	69.63	58.28	65.12	78.05	71.99	
welfare and school	5, 6	0.02	0.06	—	—	0.02	0.04	
<i>Total liquid milk</i>	4-6	69.24	69.71	58.28	65.12	78.07	72.03	
Condensed milk	9	1.81	3.24	2.64	3.00	1.70	1.98	
Dried and other milk	11-14	5.69	7.40	11.46	9.03	8.13	7.90	
Cream	17	1.38	2.89	3.36	4.83	5.48	3.48	
<i>Total milk and cream</i>	4-17	78.13	83.25	75.75	81.98	93.90	85.38	
CHEESE:								
Natural	22	18.97	23.49	30.61	28.56	28.74	24.28	
Processed	23	2.04	1.40	0.51	1.53	1.58	1.81	
<i>Total cheese</i>	22, 23	21.02	24.89	31.13	30.09	30.32	26.09	
MEAT:								
Beef and veal	31	55.41	53.02	46.19	74.09	70.83	58.24	
Mutton and lamb	36	23.03	30.08	17.00	16.06	36.21	26.26	
Pork	41	22.07	28.60	18.92	22.06	25.80	23.37	
<i>Total carcass meat</i>	31-41	100.51	111.70	82.11	112.22	132.84	107.87	
Bacon and ham, uncooked	55	26.91	30.22	21.17	32.40	34.21	27.61	
Poultry, uncooked	73, 77	24.79	28.55	22.70	16.38	32.82	28.04	
Other meat and meat products	46, 51, 58-71, 78-88, 94	80.69	81.49	64.95	82.23	71.49	74.65	
<i>Total meat</i>	31-94	232.89	251.95	190.93	243.24	271.35	238.15	
FISH:								
Fresh	100, 105	8.08	9.29	4.63	7.44	13.51	8.47	
Processed and shell	111-113	3.44	5.13	2.73	2.81	5.61	2.39	
Prepared, including fish products	118-117	14.36	14.66	10.83	9.95	13.13	12.88	
Frozen, including fish products	110, 127	8.80	9.01	8.41	5.94	9.74	8.95	
<i>Total fish</i>	100-127	34.68	38.09	26.60	26.15	41.99	34.36	

TABLE 26—continued
(pence per person per week)

	Food codes	Type of dwelling					All households	
		Unfurnished		Furnished, rented	Rent free	Owned outright		Owned with mortgage
		Council	Other rented					
EGGS	129	21.46	21.37	18.48	18.98	22.22	20.38	
FATS								
Butter	135	15.40	19.47	12.40	19.61	25.99	17.73	
Margarine	138	9.58	9.17	4.64	10.98	9.76	9.17	
Lard and compound cooking fat	139	3.74	3.11	1.61	3.38	2.59	2.86	
All other fats	143, 148	3.07	2.91	3.98	4.75	4.79	3.78	
Total fats	135 - 148	31.78	34.65	22.63	38.71	43.14	33.54	
SUGAR AND PRESERVES								
Sugar	150	14.14	14.21	7.49	13.16	15.49	12.60	
Honey, preserves, syrup and treacle	151 - 154	4.37	5.51	5.89	9.13	6.76	5.20	
Total sugar and preserves	150 - 154	18.51	19.73	13.39	22.29	22.25	17.79	
VEGETABLES								
Potatoes	156 - 161	21.62	17.51	12.71	10.51	15.36	17.23	
Fresh green	162 - 171	10.53	12.52	11.33	7.80	14.00	11.47	
Other fresh	172 - 183	19.29	23.24	33.60	20.48	28.10	23.79	
Frozen, including vegetable products	203 - 208	8.69	8.90	9.90	8.83	11.11	10.37	
Other processed, including vegetable products	184 - 202	28.73	25.69	27.14	21.56	19.89	25.39	
Total vegetables	156 - 208	88.85	87.86	37.03	69.18	88.44	88.21	
FRUIT:								
Fresh	210 - 231	20.38	27.70	31.83	30.43	39.43	29.53	
Other, including fruit products	233 - 248	10.80	15.44	22.36	14.07	21.21	16.71	
Total fruit	210 - 248	31.18	43.14	54.19	44.50	60.64	46.24	

TABLE 26—continued
 (pence per person per week)

	Food codes	Type of dwelling						All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
		Council	Other rented					
CEREALS:								
Brown bread	255	4.47	6.69	7.23	6.77	7.98	5.56	
White bread (standard loaves)	251-254	36.73	30.61	19.17	30.68	25.92	24.03	
Wholewheat and wholemeal bread	256	1.59	2.66	5.73	4.17	4.54	3.48	
Other bread	263	10.00	10.47	5.92	10.29	10.18	8.85	
Total bread	251-263	52.79	50.44	38.05	51.92	48.61	41.93	
Flour	264	3.52	4.29	0.99	3.86	7.69	3.19	
Cakes	267, 270	16.25	17.01	11.63	16.10	20.03	17.01	
Biscuits	271-277	19.94	19.17	13.99	24.44	20.90	22.39	
Oatmeal and oat products	281	0.68	0.91	0.66	1.61	1.41	0.60	
Breakfast cereals	282	9.86	9.47	10.55	9.56	11.37	12.69	
Other cereals	285-301	15.43	16.09	16.74	14.95	14.72	19.55	
Total cereals	251-301	118.48	97.39	92.66	122.43	124.73	117.37	
BEVERAGES:								
Tea	304	15.23	14.83	7.12	14.96	14.67	9.80	
Coffee	307-309	9.61	10.28	16.50	16.63	15.13	12.95	
Cocoa and drinking chocolate	312	0.89	0.65	0.38	2.42	1.18	1.01	
Branded food drinks	313	0.71	0.70	1.18	0.65	1.15	0.64	
Total beverages	304-313	26.45	26.45	25.19	34.65	32.14	24.39	
MISCELLANEOUS:								
Soups, canned, dehydrated and powdered	318, 319	6.77	6.69	4.80	4.86	5.49	5.32	
Other foods	315 } 320-339 }	18.33	21.66	19.22	23.23	25.22	22.89	
Total miscellaneous	315-339	25.11	28.36	24.01	28.09	29.17	28.21	
TOTAL EXPENDITURE		£7.29	£7.77	£6.70	£7.60	£8.60	£7.42	

**Freezer-owning and other households
group averages of consumption,
expenditure and relative food price levels**

TABLE 27

Household expenditure on seasonal, convenience and other foods according to ownership of deep-freezers, together with comparative indices of food prices and the real value of food purchased, 1981

	Households owning a deep-freezer	Households not owning a deep-freezer	All households
	£	£	£
	(per person per week)		
(i) <i>Expenditure and value of garden and allotment produce, etc</i>			
Expenditure on:			
Seasonal foods	1.15	1.15	1.15
Convenience foods			
Canned	0.42	0.50	0.45
Frozen	0.33	0.21	0.28
Other convenience foods	1.28	1.34	1.30
<i>Total convenience foods</i>	<i>2.03</i>	<i>2.05</i>	<i>2.04</i>
All other foods	4.49	4.39	4.45
<i>Total expenditure</i>	<i>7.67</i>	<i>7.59</i>	<i>7.63</i>
Value of garden allotment produce, etc	0.23	0.10	0.17
Value of consumption	7.90	7.69	7.80
(ii) <i>Comparative indices (a) of expenditure, prices and purchases (all foods)</i>	(all households = 100)		
Expenditure	100.4	99.5	100
Value of consumption	101.1	98.6	100
Prices	99.4	101.0	100
Index of value of consumption deflated			
by index of food prices	101.8	97.6	100
Food purchases	101.0	98.5	100
Price of energy	102.3	97.1	100

(a) See Glossary

TABLE 28

*Food consumption in households owning a deep-freezer compared with consumption in other households:
main food groups and selected food items, annual averages, 1981*

(oz per person per week, except where otherwise stated)

	Food Codes	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Alternative estimates of consumption which take into account changes in deep-freezer stocks (g)	
					Households owning a deep-freezer	All households
MILK AND CREAM						
Liquid milk—full price welfare and school	4 5, 6	3.96 0.05	3.92 0.08	3.94 0.06	3.97 0.05	3.95 0.06
<i>Total liquid milk</i>	4-6	4.00	4.00	4.01	4.01	4.01
Condensed milk	9	0.10	0.11	0.10	0.10	0.11
Dried and other milk	11-14	0.33	0.30	0.32	0.33	0.33
Cream	17	0.03	0.02	0.03	0.04	0.03
<i>Total milk and cream</i>	4-17	4.46	4.43	4.46	4.47	4.46
CHEESE						
Natural	22	3.92	3.32	3.65	3.94	3.67
Processed	23	0.21	0.26	0.24	0.21	0.24
<i>Total cheese</i>	22, 23	4.13	3.59	3.89	4.15	3.90
MEAT						
Beef and veal	31	7.19	6.69	6.96	7.56	7.17
Mutton and lamb	36	4.64	3.76	4.25	4.25	4.03
Pork	41	4.21	3.32	3.82	4.24	3.83
<i>Total carcass meat</i>	31-41	16.04	13.77	15.02	16.04	15.03
Bacon and ham, uncooked	55	4.19	4.08	4.14	4.11	4.10
Poultry, uncooked	73, 77	7.50	6.45	7.03	7.17	6.85
Frozen convenience meats or frozen convenience meat products	88	1.78	0.99	1.43	1.63	1.34
Other meat and meat products	46, 51 58-71 78-83, 94	10.93	12.69	11.75	10.90	11.70
<i>Total meat</i>	31-94	40.46	37.99	39.34	39.80	38.99

TABLE 28—continued
 (oz per person per week, except where otherwise stated)

	Food Codes	Households owning a deep-freezer *	Households not owning a deep-freezer	All households	Alternative estimates of consumption which take into account changes in deep-freezer stocks (c)	
					Households owning a deep-freezer	All households
FISH:						
Fresh	100, 105 } 111-113 }	1-23	1-54	1-38	1-26	1-38
Processed and shell	114-117	0-57	0-43	0-50	0-59	0-52
Prepared, including fish products	118-123	1-47	1-82	1-62	1-46	1-63
Frozen, including fish products	110, 127	1-59	1-21	1-42	1-72	1-50
<i>Total fish</i>	100-127	4-85	5-00	4-92	5-01	5-01
EGGS:						
(Eggs purchased)	129	3-62 3-42	3-74 3-68	3-68 3-54	3-61 3-42	3-67 3-54
FATS:						
Butter	135	3-56	3-85	3-69	3-48	3-64
Margarine	138	4-09	4-14	4-11	3-99	4-05
Lard and compound cooking fat	139	1-68	1-95	1-80	1-65	1-79
Other fats	143, 148	1-59	1-50	1-46	1-62	1-47
<i>Total fats</i>	135-148	10-92	11-23	11-46	10-74	10-96
SUGAR AND PRESERVES:						
Sugar	150	10-18	12-19	11-08	10-15	11-06
Honey, preserves, syrup and treacle	151-154	1-98	2-19	2-08	1-96	2-07
<i>Total sugar and preserves</i>	150-154	12-15	14-38	13-16	12-11	13-13
VEGETABLES:						
Potatoes	156-161	40-03	44-16	41-87	39-72	41-70
Fresh green	162-171	12-59	11-23	11-96	12-94	12-18
Other fresh	172-183	16-26	15-11	15-74	16-42	15-83
Frozen peas	203	2-28	1-21	1-80	2-31	1-81
Frozen beans	204	0-74	0-32	0-55	0-76	0-57
Frozen chips and other frozen convenience potato products	205	2-06	0-81	1-50	1-30	1-08
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	1-46	0-49	1-03	1-37	0-98
Other processed, including vegetable products	184-202	10-87	13-66	12-13	10-80	12-08
<i>Total vegetables</i>	156-208	86-29	87-00	86-60	85-58	86-21

TABLE 28—continued
(oz per person per week, except where otherwise stated)

	Food Codes	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Alternative estimates of consumption which take into account changes in deep-freezer stocks (a)	
					Households owning a deep-freezer	All households
FRUIT:						
Fresh	210-231	21.82	17.63	19.95	21.99	20.05
Frozen fruit and frozen fruit products	241	0.11	0.02	0.07	0.10	0.07
Other, including fruit products, not frozen	233-240 245, 248	8.75	6.72	7.85	8.81	4.38
<i>Total fruit</i>	210-248	30.68	24.38	27.87	30.88	27.99
CEREALS:						
Brown bread	255	3.48	3.78	3.62	3.35	3.54
White bread (standard loaves)	251-254	20.32	23.75	21.85	19.28	21.28
Wholewheat and wholemeal bread	256	2.17	1.65	1.94	1.96	1.82
Other bread	263	3.79	3.89	3.84	3.69	3.78
<i>Total bread</i>	251-263	29.75	33.08	31.23	28.28	30.41
Flour	264	5.10	7.01	5.96	5.14	5.98
Cakes	267, 270	3.46	4.17	3.77	3.51	3.80
Biscuits	271, 277	5.24	5.56	5.39	5.25	5.40
Oatmeal and oat products	281	0.41	0.51	0.46	0.42	0.46
Breakfast cereals	282	3.71	3.31	3.53	3.72	3.54
Frozen convenience cereal foods	294	0.82	0.35	0.61	0.72	0.55
Other cereals	285-291 299, 301	4.63	5.05	4.84	4.58	4.81
<i>Total cereals</i>	251-301	53.12	59.05	55.77	51.61	54.93
BEVERAGES:						
Tea	304	1.77	2.25	1.98	1.77	1.98
Coffee	307, 309	0.68	0.62	0.65	0.68	0.66
Cocoa and drinking chocolate	312	0.18	0.12	0.15	0.18	0.15
Branded food drinks	313	0.15	0.17	0.16	0.15	0.16
<i>Total beverages</i>	304-313	2.78	3.16	2.95	2.77	2.95

(a) See paragraph 32

TABLE 29

Food expenditure in households owning a deep-freezer compared with expenditure in other households: main food groups and selected food items, annual averages, 1981

(pence per person per week)

	Food codes	All households owning a deep-freezer	All households not owning a deep-freezer	All households
MILK AND CREAM:				
Liquid milk—full price	4	71.54	72.56	71.99
welfare and school	5, 6	0.05	0.02	0.04
<i>Total liquid milk</i>	4-6	71.59	72.57	72.03
Codensed milk	9	1.85	2.15	1.98
Dried and other milk	11-14	8.58	7.02	7.90
Cream	17	4.34	2.40	3.48
<i>Total milk and cream</i>	4-17	86.37	84.14	85.38
CHEESE:				
Natural	22	26.08	22.06	24.28
Processed	23	1.64	2.01	1.81
<i>Total cheese</i>	22, 23	27.71	24.07	26.09
MEAT:				
Beef and veal	31	59.77	56.37	58.24
Mutton and lamb	36	28.03	24.10	26.26
Pork	41	24.97	21.40	23.37
<i>Total carcass meat</i>	31-41	112.78	101.86	107.87
Bacon and ham, uncooked	55	28.05	27.08	27.61
Poultry, uncooked	73, 77	29.20	26.61	28.04
Frozen convenience meats or frozen convenience meat products	88	9.67	6.37	8.19
Other meat and meat products	46, 51 58-71, 78-83 94	61.89	72.15	66.46
<i>Total meat</i>	31-94	241.58	234.04	238.15
FISH:				
Fresh	100, 105 111-113	7.42	9.77	8.47
Processed and shell	114-117	4.63	3.40	4.07
Prepared, including fish products	118-123	11.81	14.21	12.88
Frozen, including fish products	110, 127	9.41	8.36	8.95
<i>Total fish</i>	100-127	33.25	35.73	34.36
EGGS				
	129	19.64	21.29	20.38
FATS:				
Butter	135	17.01	18.62	17.73
Margarine	138	9.18	9.16	9.17
Lard and compound cooking fat	139	2.68	3.09	2.86
Other fats	143, 148	4.17	3.30	3.78
<i>Total fats</i>	135-148	33.03	34.17	33.54
SUGAR AND PRESERVES:				
Sugar	150	11.68	13.73	12.60
Honey, preserves, syrup and treacle	151-154	4.87	5.58	5.20
<i>Total sugar and preserves</i>	150-154	16.55	19.32	17.79
VEGETABLES:				
Potatoes	156-161	15.75	19.07	17.23
Fresh green	162-171	11.10	11.92	11.47
Other fresh	172-183	24.26	23.21	23.79
Frozen peas	203	4.54	3.03	3.87
Frozen beans	204	1.58	0.94	1.29
Frozen chips and other frozen convenience potato products	205	3.43	1.74	2.68
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	3.28	1.58	2.53
Other processed, including vegetable products	184-202	23.33	27.90	25.39
<i>Total vegetables</i>	156-208	87.27	89.39	88.21
FRUIT:				
Fresh	210-231	31.89	26.60	29.53
Frozen fruit and frozen fruit products	241	0.47	0.09	0.30
Other, including fruit products, not frozen	233-240 245, 248	18.17	14.24	16.41
<i>Total fruit</i>	210-248	50.53	40.93	46.24

TABLE 29—continued

(pence per person per week)

	Food codes	All households owning a deep-freezer	All households not owning a deep-freezer	All households
CEREALS:				
Brown bread	255	5·46	6·28	5·83
White bread (standard loaves)	251 - 254	26·75	31·73	28·98
Wholewheat and wholemeal bread	256	3·41	2·68	3·09
Other bread	263	9·53	9·64	9·58
<i>Total bread</i>	251 - 263	45·15	50·33	47·46
Flour	264	3·71	4·88	4·24
Cakes	267, 270	15·85	19·06	17·27
Biscuits	271 - 277	20·89	21·11	20·99
Oatmeal and oat products	281	0·77	0·92	0·84
Breakfast cereals	282	11·68	10·68	11·23
Frozen convenience cereal foods	294	4·88	2·18	3·68
Other cereals	285 - 291 299, 301	13·14	13·37	13·25
<i>Total cereals</i>	251 - 301	116·07	122·52	118·95
BEVERAGES:				
Tea	304	11·30	14·87	12·89
Coffee	307 - 309	12·96	11·37	12·25
Cocoa and drinking chocolate	312	1·17	0·78	0·99
Branded food drinks	313	0·73	0·83	0·78
<i>Total beverages</i>	304 - 313	26·16	27·85	26·92
MISCELLANEOUS:				
Soups, canned, dehydrated and powdered	318, 319	5·27	6·68	5·90
Other foods	315 320 - 339	23·24	19·26	21·48
<i>Total miscellaneous</i>	315 - 339	28·51	25·95	27·37
TOTAL EXPENDITURE		£7·67	£7·59	£7·63

Special analyses

TABLE 30

Meals eaten outside the home, 1981

(per person per week)

	Meals not from the household supply		Net balance (a)		
	Mid-day meals	All meals out	Persons	Visitors	
All households	1.75	3.25	.88	.04	
<i>Analysis by region</i>					
Scotland	1.72	3.13	.88	.05	
Wales	1.62	2.82	.89	.04	
England	1.76	3.28	.88	.04	
North	1.85	3.22	.88	.04	
Yorkshire and Humberside	1.81	3.19	.88	.04	
North West	1.78	2.97	.89	.03	
East Midlands	1.24	2.28	.91	.03	
West Midlands	1.56	3.03	.89	.04	
South West	1.71	3.40	.87	.04	
South East (b)/East Anglia	1.90	3.64	.86	.04	
<i>Analysis by type of area</i>					
Greater London	2.15	4.27	.84	.04	
Metropolitan districts and the Central Clydeside conurbation	1.84	3.13	.88	.04	
Non-metropolitan districts:—					
Wards with electorate per acre of—					
7 or more	1.70	3.18	.88	.04	
3 but less than 7	1.75	3.32	.87	.04	
0.5 but less than 3	1.61	3.04	.89	.04	
less than 0.5	1.53	2.86	.89	.05	
<i>Analysis by income group</i>					
A1	2.56	4.91	.81	.05	
A2	2.27	4.63	.83	.04	
B	2.03	3.71	.86	.04	
C	1.78	3.17	.88	.04	
D	1.60	2.81	.89	.04	
E1	0.85	2.01	.93	.06	
E2	1.30	2.47	.90	.05	
OAP (households containing one adult)	1.01	2.19	.92	.05	
OAP (households containing one male and one female)	0.39	1.08	.96	.03	
OAP ("other" households)	0.68	1.57	.94	.03	
OAP (all)	0.66	1.55	.94	.04	
<i>Analysis by household composition</i>					
No. of adults	No. of children				
1	0	1.63	3.63	.86	.06
1	1 or more	2.83	4.28	.84	.05
2	0	1.31	2.85	.89	.06
2	1	1.82	3.48	.87	.04
2	2	1.91	3.34	.87	.03
2	3	1.86	2.98	.89	.02
2	4 or more	1.88	2.75	.90	.02
3	0	1.53	3.11	.89	.04
3 or more	1 or 2	1.99	3.51	.87	.03
3 or more	3 or more	1.87	3.15	.88	.02
4 or more	0	1.96	3.68	.86	.04

TABLE 30—continued

(per person per week)

	Meals not from the household supply		Net balance (a)	
	Mid-day meals	All meals out	Persons	Visitors
<i>Analysis by age of housewife</i>				
Under 25 years	2·10	4·48	·83	·04
25—34 „	1·98	3·55	·87	·03
35—44 „	2·10	3·58	·87	·03
45—54 „	1·83	3·32	·88	·05
55—64 „	1·21	2·54	·91	·06
65—74 „	0·73	1·79	·93	·05
75 and over	0·78	1·71	·93	·03
<i>Analysis by housing tenure</i>				
Unfurnished: council	1·68	2·90	·89	·03
other rented	1·53	3·01	·89	·04
Furnished, rented	2·90	6·45	·76	·04
Rent free	1·37	2·58	·90	·05
Owned outright	1·42	2·89	·89	·05
Owned with mortgage	2·01	3·66	·86	·04
<i>Analysis by ownership of deep-freezer</i>				
Households owning a deep-freezer	1·84	3·40	·87	·04
Households not owning a deep-freezer	1·65	3·05	·88	·04

(a) See Glossary.

(b) Including Greater London for which separate results are given in the analysis according to type of area.

TABLE 31

Average number of mid-day meals per week per child aged 5–14 years, 1981

	Meals not from the household supply		Meals from the household supply		
	School meals	Other meals out	Packed meals	Other	
All households	2.26	0.18	1.21	3.35	
<i>Analysis by region</i>					
Scotland	2.03	0.22	0.67	4.08	
Wales	2.60	0.22	0.99	3.19	
England	2.26	0.17	1.28	3.29	
North	3.33	0.17	0.40	3.10	
Yorkshire and Humberside	2.84	0.24	0.63	3.29	
North West	2.47	0.17	1.21	3.15	
East Midlands	2.14	0.14	0.73	3.99	
West Midlands	1.84	0.12	1.37	3.67	
South West	2.30	0.15	1.59	2.96	
South East (a)/East Anglia	1.92	0.17	1.71	3.20	
<i>Analysis by type of area</i>					
Greater London	2.04	0.19	1.36	3.41	
Metropolitan districts and the Central Clydeside conurbation	2.76	0.18	0.58	3.48	
Non-metropolitan districts:—					
Wards with electorate per acre of—					
7 or more	2.06	0.20	1.23	3.51	
3 but less than 7	2.07	0.18	1.70	3.05	
0.5 but less than 3	1.97	0.16	1.56	3.31	
less than 0.5	2.35	0.15	1.26	3.24	
<i>Analysis by income group</i>					
A1	2.64	0.22	1.25	2.89	
A2	2.16	0.15	1.82	2.87	
B	2.14	0.21	1.47	3.18	
C	2.07	0.18	1.17	3.58	
D	2.67	0.16	0.43	3.74	
E1	(b)	(b)	(b)	(b)	
E2	3.43	0.07	0.51	2.99	
OAP (all)	(b)	(b)	(b)	(b)	
<i>Analysis by household composition</i>					
No. of adults	No. of children				
1	1 or more	3.32	0.15	0.67	2.86
2	1	2.30	0.31	1.38	3.01
2	2	2.06	0.20	1.45	3.29
2	3	2.14	0.13	1.24	3.49
2	4 or more	2.46	0.07	0.87	3.60
3 or more	1 or 2	2.40	0.24	1.10	3.26
3 or more	3 or more	2.27	0.17	0.58	3.98
<i>Analysis by age of housewife</i>					
Under 25 years		2.29	0.23	0.35	4.13
25–34 „		2.20	0.12	1.15	3.53
35–44 „		2.28	0.22	1.31	3.19
45–54 „		2.57	0.21	1.11	3.11
55–64 „		1.41	0.15	0.81	4.63
65–74 „		(b)	(b)	(b)	(b)
75 and over		(b)	(b)	(b)	(b)

TABLE 31—continued

	Meals not from the household supply		Meals from the household supply	
	School meals	Other meals out	Packed meals	Other
<i>Analysis by housing tenure</i>				
Unfurnished: council	2·59	0·16	0·78	3·47
other rented	1·94	0·23	0·84	3·99
Furnished, rented	3·05	0·10	0·71	3·14
Rent free	2·58	0·07	1·02	3·33
Owned outright	2·25	0·19	1·15	3·41
Owned with mortgage	2·04	0·18	1·57	3·21
<i>Analysis by ownership of deep-freezer</i>				
Households owning a deep-freezer	2·20	0·19	1·39	3·22
Households not owning a deep-freezer	2·34	0·15	0·92	3·59

(a) Including Greater London, for which separate results are given in the analysis according to type of area.

(b) Estimates are not shown because these households contain very few children (see Table 4, Appendix A).

Soft drinks: purchases, expenditure and prices, annual averages, 1981

	Concentrated				Unconcentrated				Low-calorie			All soft drinks		
	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(b) Energy (per day)
All households	fl oz 3.20	pence 4.51	pence 28.19	% 21	fl oz 5.10	pence 5.21	pence 20.38	% 20	fl oz 0.43	pence 0.47	pence 21.41	% 2	equivalent fl oz (c) 21.53	kcal 21
<i>Analysis by region</i>														
Scotland	2.19	3.07	28.13	16	7.51	7.41	19.73	25	0.66	0.80	21.96	2	19.12	20
Wales	3.62	5.19	28.68	26	5.64	5.55	19.73	22	0.67	0.64	19.24	4	24.41	24
England	3.28	4.61	28.16	21	4.83	4.96	20.52	19	0.40	0.42	21.21	2	21.63	21
North	2.47	3.47	28.18	18	4.35	4.96	18.20	17	0.20	0.26	25.96	1	16.90	17
Yorkshire and Humberside	2.99	4.28	28.79	21	4.40	4.56	20.61	19	0.33	0.35	21.31	2	19.68	19
North West	3.18	4.55	28.50	22	4.11	4.12	19.94	19	0.47	0.56	24.06	3	20.48	20
East Midlands	3.05	4.48	29.55	19	6.27	6.00	19.12	23	0.46	0.44	19.30	2	21.98	22
West Midlands	3.76	5.16	27.36	23	6.54	6.73	20.34	23	0.38	0.46	24.34	2	25.72	26
South West	3.62	5.17	28.54	21	3.95	4.05	20.54	17	0.47	0.48	20.89	3	22.52	22
South East (d)/East Anglia	3.40	4.72	27.79	21	4.78	5.15	21.51	18	0.41	0.40	19.41	2	21.19	22
<i>Analysis by type of area</i>														
Greater London	3.00	4.19	27.95	18	5.55	6.37	22.93	17	0.54	0.53	19.50	3	21.09	21
Metropolitan districts and Central Clydeside conurbation	2.76	3.89	28.19	19	5.75	5.75	19.91	22	0.34	0.36	21.60	2	19.89	20
<i>Non-metropolitan districts:</i>														
Wards with electorate per acre of —														
7 or more	3.22	4.51	28.13	20	4.78	4.91	20.56	19	0.50	0.56	22.72	2	21.38	21
3 but less than 7	3.54	4.99	28.17	23	5.13	5.05	19.70	21	0.56	0.62	22.28	3	23.39	23
0.5 but less than 3	3.61	4.84	26.94	23	5.19	5.03	19.42	20	0.47	0.48	20.77	2	23.71	23
Less than 0.5	3.21	4.83	30.02	22	3.96	4.04	20.48	17	0.29	0.31	21.37	2	20.30	20
<i>Analysis by income group</i>														
A1	4.31	6.19	28.95	33	6.68	7.66	22.69	28	0.87	1.34	30.46	5	29.10	28
A2	3.74	5.30	28.35	28	4.29	4.42	20.64	23	0.47	0.47	19.96	3	23.46	23
A11A	3.86	5.51	28.49	29	4.79	5.09	21.22	24	0.57	0.67	23.33	3	24.66	24
B	3.88	5.50	28.48	27	5.91	5.87	19.85	26	0.63	0.69	21.18	4	25.94	25
C	3.13	4.28	27.33	23	5.72	5.86	20.45	23	0.40	0.41	20.26	4	21.77	22
D	2.82	3.98	28.26	21	4.34	4.55	20.96	18	0.37	0.39	20.87	2	18.81	19
E1	1.36	2.20	31.95	8	2.34	2.43	20.33	10	0.09	0.12	26.39	1	9.23	9
E2	2.45	3.57	29.18	12	3.07	3.25	21.24	11	0.14	0.14	19.51	1	15.46	15
OAP	1.75	2.66	30.22	8	3.18	3.11	19.64	8	0.16	0.14	16.86	...	12.09	12

TABLE 32—continued

	Concentrated				Unconcentrated				Low-calorie				All soft drinks		
	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(a) Expenditure (per week)	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity (per week)	(b) Energy (per day)	
	fl oz	pence	pence	%	fl oz	pence	pence	%	fl oz	pence	pence	%	equivalent fl oz (c)	kcal	
<i>Analysis by household composition</i>															
No. of adults	1-88	2-77	29-55	6	3-34	3-63	21-77	7	0-32	0-40	25-31	1	13-06	13	
1	3-97	5-23	26-68	24	6-01	6-58	21-82	23	0-36	0-33	18-46	3	26-22	26	
2	1-83	2-75	29-97	11	4-33	4-55	20-99	14	0-32	0-37	23-08	1	13-80	14	
2	3-95	5-78	29-13	27	6-07	6-06	20-02	25	0-55	0-48	17-41	3	26-37	26	
2	4-56	6-49	28-51	41	6-62	6-55	19-76	32	0-50	0-54	21-91	4	29-92	29	
2	4-42	5-90	26-79	43	4-96	4-78	19-17	30	0-70	0-69	19-72	5	27-76	27	
2	3-42	4-62	27-18	39	4-27	4-84	22-28	27	0-91	0-75	16-99	7	22-28	21	
3	2-00	2-82	28-23	15	4-21	4-41	21-13	19	0-28	0-35	25-31	2	14-49	15	
3 or more	3-22	4-22	26-27	34	5-64	5-68	20-04	31	0-38	0-49	25-44	3	22-12	22	
3 or more	3-40	4-69	27-66	40	4-76	5-21	21-75	33	0-22	0-22	20-23	2	21-98	22	
4 or more	1-68	2-42	28-65	20	2-73	2-79	20-39	17	0-20	0-24	24-67	2	11-33	11	
<i>Analysis by age of housewife</i>															
Under 25 years	3-64	5-10	28-03	23	6-76	7-09	20-88	26	0-58	0-58	19-96	3	25-54	25	
25-34	4-18	5-95	28-53	32	5-88	5-86	19-91	26	0-51	0-52	20-39	3	27-29	27	
35-44	3-81	5-28	27-73	31	5-75	5-90	20-45	28	0-57	0-58	20-53	4	25-37	25	
45-54	2-62	3-56	27-21	19	4-97	5-12	20-57	19	0-37	0-48	23-83	2	18-44	18	
55-64	1-89	2-69	28-58	11	3-52	3-64	20-71	13	0-29	0-34	23-44	1	13-26	13	
65-74	1-64	2-55	30-99	8	3-03	3-07	20-30	8	0-16	0-16	19-29	1	11-39	11	
75 and over	1-41	2-12	29-83	6	2-30	2-50	21-49	7	0-12	0-13	21-25	1	9-47	9	
<i>Analysis by housing tenure</i>															
Unfurnished: Council	2-96	4-01	27-05	20	5-05	5-13	20-33	19	0-41	0-42	20-21	2	20-26	20	
Unfurnished: Other, rented	2-28	3-29	28-84	14	4-59	4-45	19-36	14	0-23	0-23	20-67	1	16-22	16	
Furnished, rented	2-75	3-77	27-46	21	3-95	4-82	24-67	14	0-48	0-67	29-50	3	18-18	18	
Rent free	3-22	4-60	28-34	21	3-26	3-15	19-40	16	0-53	0-48	18-44	2	19-89	19	
Owned outright	2-59	3-74	28-91	15	4-92	5-12	20-77	16	0-36	0-43	23-17	1	18-23	18	
Owned with mortgage	3-88	5-55	28-60	28	5-54	5-63	20-30	25	0-52	0-55	21-37	3	25-46	25	
<i>Analysis by ownership of deep-freezer</i>															
Households owning a deep-freezer	3-47	4-87	27-99	24	5-35	5-38	20-07	22	0-49	0-53	21-52	3	23-19	23	
Households not owning a deep-freezer	2-85	4-06	28-49	17	4-81	5-00	20-80	17	0-36	0-38	21-23	2	19-42	19	

(a) Per person per week.

(b) Per person per day.

(c) Converted to unconcentrated equivalent.

**Average nutritional value of
household food**

TABLE 33—continued

	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly Average
(v) Consumption of nutrients per 1000 kcal					
Total protein (g)	32.5	32.5	32.5	31.8	32.3
Animal protein (g)	20.8	20.8	20.8	20.2	20.6
Fat (g)	47	47	46	47	47
Fatty acids:					
saturated (g)	20.8	20.9	20.4	20.4	20.6
monounsaturated (g)	17.7	17.7	17.4	17.6	17.6
polyunsaturated (g)	5.1	5.2	5.1	5.3	5.2
Carbohydrate (g)	118	118	120	121	120
Calcium (mg)	428	438	431	421	429
Iron (mg)	4.9	4.9	5.0	4.9	5.0
Thiamin (mg)	0.53	0.53	0.53	0.51	0.52
Riboflavin (mg)	0.86	0.85	0.84	0.83	0.85
Nicotinic acid equivalent (mg)	13.3	13.1	13.2	13.0	13.2
Vitamin C (mg)	24	26	32	25	27
Vitamin A (retinol equivalent) (μg)	637	594	567	632	608
Vitamin D (c) (μg)	1.29	1.38	1.35	1.38	1.35

(a) Available carbohydrate, calculated as monosaccharide.

(b) Estimates of percentage adequacy are based on the recommendations of the Department of Health and Social Security (1979). In deriving these percentages, a conventional deduction of 10 per cent is made from the consumption figures given in Section (i) of the table to allow for wastage.

(c) Contributions from pharmaceutical sources of this (or any other) vitamin are not recorded by the Survey.

TABLE 34

Contributions made by groups of foods: to the nutritional value of household food: national averages, 1981

(per person per day)

	Energy		Protein		Fat		Fatty acids				Carbohydrate		Calcium		Iron			
	kcal	MJ	g	Per cent of total	g	Per cent of total	Saturated		Mono-unsaturated		Poly-unsaturated		g	Per cent of total	mg	Per cent of total	mg	Per cent of total
							g	Per cent of total	g	Per cent of total	g	Per cent of total						
Liquid milk	219	0.92	10.9	15.2	13.0	12.6	7.7	16.9	4.1	10.5	0.3	3.0	15	5.8	400	42.1	0.2	1.6
Dried milk	3	0.01	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	...	0.1	3	0.3	...	0.4
Other milk and cream	27	0.11	1.1	1.5	1.4	1.3	0.8	1.7	0.4	1.1	0.1	1.0	...	1.0	41	4.3	...	0.3
Cheese	61	0.25	3.9	5.4	5.0	4.9	3.0	6.6	1.6	4.1	0.1	1.2	...	...	117	12.4	0.1	0.6
<i>Total milk, cream and cheese</i>	<i>309</i>	<i>1.30</i>	<i>16.0</i>	<i>22.3</i>	<i>19.6</i>	<i>18.9</i>	<i>11.5</i>	<i>25.3</i>	<i>6.2</i>	<i>15.9</i>	<i>0.6</i>	<i>5.3</i>	<i>18</i>	<i>7.0</i>	<i>561</i>	<i>59.1</i>	<i>0.3</i>	<i>2.9</i>
Beef and veal	58	0.24	5.0	7.0	4.2	4.0	1.8	3.9	2.0	5.1	0.2	1.5	...	...	2	0.2	0.6	5.1
Mutton and lamb	42	0.17	1.9	2.2	3.1	3.6	1.8	3.9	1.4	3.6	0.2	1.5	...	...	1	0.1	0.2	1.7
Pork	40	0.17	1.8	2.2	3.0	3.4	1.4	3.0	1.6	4.0	0.3	2.4	...	...	1	0.1	0.1	1.0
Bacon and ham, uncooked	53	0.22	2.4	2.7	5.0	4.8	2.0	4.4	2.2	5.7	0.4	3.2	...	...	1	0.1	0.1	1.4
Liver	5	0.02	0.2	0.9	0.3	0.3	0.1	0.2	0.1	0.2	0.1	0.5	...	...	...	...	0.4	3.3
Poultry, uncooked	28	0.12	1.3	3.8	1.4	1.3	0.5	1.0	0.6	1.6	0.2	2.0	...	...	...	...	0.2	2.2
Sausages	46	0.19	2.1	1.4	3.9	3.8	1.6	3.4	1.8	4.7	0.3	2.3	...	...	6	0.7	0.2	1.6
Other meat and meat products	90	0.38	4.1	7.7	6.1	5.9	2.5	5.5	2.6	6.8	0.4	3.9	...	...	15	1.6	0.8	7.6
<i>Total meat</i>	<i>362</i>	<i>1.50</i>	<i>22.6</i>	<i>31.6</i>	<i>28.0</i>	<i>27.0</i>	<i>11.5</i>	<i>25.3</i>	<i>12.3</i>	<i>31.5</i>	<i>2.0</i>	<i>17.2</i>	<i>5</i>	<i>2.0</i>	<i>28</i>	<i>3.0</i>	<i>2.6</i>	<i>23.8</i>
Fat fish	8	0.03	0.3	1.1	0.5	0.5	0.1	0.2	0.2	0.6	0.1	1.0	...	...	6	0.7	0.1	0.7
Other fish and fish products	18	0.08	0.8	3.4	0.6	0.6	0.1	0.2	0.2	0.5	0.3	2.4	...	...	7	0.8	0.1	1.1
<i>Total fish</i>	<i>26</i>	<i>0.11</i>	<i>3.2</i>	<i>4.5</i>	<i>1.1</i>	<i>1.1</i>	<i>0.2</i>	<i>0.5</i>	<i>0.4</i>	<i>1.1</i>	<i>0.4</i>	<i>3.4</i>	<i>1</i>	<i>0.3</i>	<i>14</i>	<i>1.4</i>	<i>0.2</i>	<i>1.8</i>
Eggs	38	0.16	1.7	4.5	2.8	2.7	0.9	2.0	1.1	2.9	0.3	2.7	...	...	14	1.5	0.5	4.9
Butter	111	0.45	5.0	0.1	12.3	11.9	7.3	16.0	3.9	10.0	0.3	3.0	...	...	2	0.2	...	0.2
Margarine	122	0.50	5.5	...	13.5	13.1	4.5	9.9	5.7	14.6	2.6	23.1	...	...	1	0.1	0.1	0.5
Other fats	110	0.45	5.0	...	12.1	11.7	4.3	9.4	4.8	12.3	2.3	20.3	...	...	...	...	...	0.1
<i>Total fats</i>	<i>342</i>	<i>1.41</i>	<i>15.5</i>	<i>0.1</i>	<i>37.9</i>	<i>36.6</i>	<i>16.1</i>	<i>35.3</i>	<i>14.4</i>	<i>37.0</i>	<i>5.3</i>	<i>46.3</i>	<i>...</i>	<i>0.1</i>	<i>3</i>	<i>0.3</i>	<i>0.1</i>	<i>0.8</i>
Sugar and preserves	199	0.85	9.0	...	...	...	...	...	...	...	...	...	53	20.0	4	0.5	0.1	0.9

TABLE 34—continued
(per person per day)

	Energy		Protein		Fat		Fatty acids				Carbohydrate		Calcium		Iron		
	kcal	MJ	g	Per cent of total	g	Per cent of total	Saturated		Mono-unsaturated		Poly-unsaturated		g	Per cent of total	mg	Per cent of total	
							g	Per cent of total	g	Per cent of total	g	Per cent of total					
Potatoes	109	0.46	2.5	3.5	—	—	—	—	—	—	—	26	9.9	12	1.3	0.7	6.5
Cabbage, brussels sprouts and cauliflower	5	0.02	0.2	1.0	—	—	—	—	—	—	—	1	0.2	10	1.1	0.1	1.4
Leafy salads	6	0.03	0.3	0.8	—	—	—	—	—	—	—	1	0.3	4	0.4	0.1	0.4
Fresh legumes, including frozen	2	0.01	0.1	0.2	—	—	—	—	—	—	—	1	0.2	2	0.2	0.1	0.2
Fresh green vegetables	3	0.01	0.1	0.1	—	—	—	—	—	—	—	1	0.2	6	0.6	0.1	0.7
Fresh tomatoes	2	0.01	0.1	0.1	—	—	—	—	—	—	—	1	0.1	3	0.3	0.1	0.2
Carrots	65	0.27	2.9	3.6	2.0	2.0	0.6	1.4	0.8	2.0	4.6	10	3.7	22	2.3	0.8	7.5
Other root vegetables																	
Other vegetables and vegetable products																	
Total vegetables	192	0.81	8.7	9.5	2.0	2.0	0.6	1.4	0.8	2.0	4.6	39	14.7	61	6.4	2.0	18.6
Oranges	3	0.01	0.1	0.1	—	—	—	—	—	—	—	1	0.3	4	0.4	—	0.2
Other citrus fruit	11	0.05	0.5	0.2	—	—	—	—	—	—	—	3	1.1	11	1.1	0.1	0.1
Apples and pears	2	0.01	0.1	0.1	—	—	—	—	—	—	—	1	0.2	1	0.1	0.1	0.7
Soft fruit	6	0.03	0.3	0.1	—	—	—	—	—	—	—	1	0.6	2	0.2	—	0.3
Bananas	2	0.01	0.1	0.1	—	—	—	—	—	—	—	1	0.1	1	0.1	—	0.3
Other fresh fruit	38	0.16	1.7	0.4	0.8	0.8	0.2	0.5	0.3	0.9	1.6	8	3.0	6	0.7	0.2	2.3
Other fruit and fruit products																	
Total fruit	63	0.27	2.9	1.2	0.9	0.9	0.2	0.5	0.4	1.0	1.7	14	5.4	17	1.8	0.5	4.2
White bread (standard loaves)	209	0.89	9.5	9.6	1.2	1.2	0.2	0.6	0.2	0.5	3.6	45	17.1	87	9.2	1.2	10.6
Other bread	87	0.37	4.0	4.6	0.7	0.7	0.1	0.3	0.1	0.3	2.1	18	6.8	31	3.2	0.7	6.6
Flour	81	0.34	3.7	3.1	0.3	0.3	0.1	0.1	0.1	0.1	1.8	19	7.0	53	5.6	0.4	3.6
Cakes and pastries	52	0.22	2.3	0.9	1.7	1.6	0.7	1.6	0.6	1.6	0.2	1	3.3	15	1.6	0.2	2.1
Biscuits	102	0.43	4.6	2.2	4.5	4.4	2.3	5.0	1.4	3.7	0.5	15	5.6	25	2.4	0.4	3.9
Other cereals and cereal products	108	0.46	4.9	2.6	1.6	1.6	0.5	1.2	0.6	1.4	0.4	22	8.4	17	1.8	1.2	10.5
Total cereals	640	2.71	28.9	17.4	10.0	9.7	4.0	8.8	2.9	7.5	16.2	128	49.2	226	23.8	4.1	37.3
Tea	7	0.03	0.3	0.4	0.1	0.1	0.1	0.1	—	—	—	1	0.4	3	0.3	—	—
Other beverages																	
Total beverages	7	0.03	0.3	0.4	0.1	0.1	0.1	0.1	—	—	—	1	0.4	8	0.8	0.1	1.3
Other foods	31	0.14	1.5	0.9	1.1	1.1	0.4	0.8	0.4	1.1	0.3	5	1.9	15	1.5	0.4	3.7
TOTAL ALL FOODS	2212	9.29	100	71.5	102.5	100	45.6	100	18.9	100	11.4	264	100	910	100	10.9	100

TABLE 34—*continued*
(per person per day)

	Thiamin (a)		Riboflavin		Nicotinic acid		Tryptophan		Nicotinic acid equivalent		Vitamin C (a)		Vitamin A				Vitamin D			
	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	µg	Per cent of total	Retinol		Carotene		Retinol equivalent	
															µg	Per cent of total	µg	Per cent of total	µg	Per cent of total
Liquid milk	0.12	10.4	0.63	34.0	0.3	2.1	156.7	17.2	2.9	9.8	3.4	5.8	103	10.7	66	2.8	113	8.4	0.07	2.2
Dried milk	...	0.2	...	0.2	...	0.3	1.2	0.1	0.1	0.2	0.3	0.5	4	0.4	1	...	4	0.3	0.05	1.6
Other milk and cream	0.01	1.0	0.06	2.9	...	0.3	14.3	1.6	0.3	1.0	0.3	0.5	12	1.2	7	0.3	13	1.0	0.10	3.3
Cheese	0.01	0.5	0.07	3.9	...	0.1	54.6	6.0	0.9	3.2	...	...	46	4.8	30	1.3	51	3.8	0.04	1.3
<i>Total milk, cream and cheese</i>	<i>0.14</i>	<i>12.2</i>	<i>0.77</i>	<i>41.0</i>	<i>0.4</i>	<i>2.7</i>	<i>226.9</i>	<i>24.9</i>	<i>4.1</i>	<i>14.2</i>	<i>4.0</i>	<i>6.7</i>	<i>165</i>	<i>17.2</i>	<i>104</i>	<i>4.5</i>	<i>181</i>	<i>13.5</i>	<i>0.25</i>	<i>8.4</i>
Beef and veal	0.01	0.7	0.06	3.3	1.1	7.9	63.4	6.9	2.2	7.4	...	...	...	...	...	...	...	...	...	...
Mutton and lamb	0.01	0.7	0.03	1.4	0.6	4.2	27.7	3.0	1.0	3.6	...	...	...	...	...	...	...	...	...	...
Pork	0.05	4.5	0.02	1.3	0.6	4.1	24.2	2.7	1.0	3.4	...	...	...	...	...	...	...	...	...	...
Bacon and ham, uncooked	0.04	3.6	0.02	1.3	0.4	3.1	21.5	2.4	0.8	2.7	...	...	...	...	...	...	...	...	...	...
Liver	0.01	0.5	0.09	5.0	0.4	3.0	7.9	0.9	0.6	1.9	0.3	0.5	459	47.9	10	0.4	461	34.3	0.02	0.8
Poultry, uncooked	0.01	0.8	0.03	1.7	1.3	9.2	39.0	4.3	1.9	6.6	...	...	...	...	...	...	...	...	...	...
Sausages	...	0.1	0.02	0.9	0.6	4.1	17.8	2.0	0.9	3.0	...	...	...	...	...	...	...	...	...	...
Other meat and meat products	0.05	4.2	0.07	4.0	1.0	7.0	61.0	6.7	2.0	6.9	1.2	1.2	41	4.2	3	0.1	41	3.1	0.01	0.2
<i>Total meat</i>	<i>0.17</i>	<i>15.1</i>	<i>0.35</i>	<i>18.8</i>	<i>5.9</i>	<i>42.7</i>	<i>262.5</i>	<i>28.8</i>	<i>10.3</i>	<i>35.5</i>	<i>1.0</i>	<i>1.7</i>	<i>500</i>	<i>52.1</i>	<i>12</i>	<i>0.5</i>	<i>502</i>	<i>37.3</i>	<i>0.03</i>	<i>1.0</i>
Fat, fish	...	0.2	0.01	0.4	0.2	1.8	8.0	0.9	0.4	1.3	...	...	2	0.2	...	...	2	0.1	0.43	14.4
Other fish and fish products	0.01	0.9	0.01	0.6	0.3	2.1	26.4	2.9	0.7	2.5	...	...	...	...	...	...	...	...	0.01	0.4
<i>Total fish</i>	<i>0.01</i>	<i>1.0</i>	<i>0.02</i>	<i>1.0</i>	<i>0.5</i>	<i>3.9</i>	<i>34.4</i>	<i>3.8</i>	<i>1.1</i>	<i>3.8</i>	<i>...</i>	<i>0.1</i>	<i>2</i>	<i>0.2</i>	<i>...</i>	<i>...</i>	<i>2</i>	<i>0.1</i>	<i>0.44</i>	<i>14.7</i>
Eggs	0.02	1.7	0.12	6.6	...	0.1	57.8	6.3	1.0	3.4	...	...	37	3.8	...	...	37	2.7	0.46	15.3
Butter	...	...	...	...	...	...	0.9	0.1	...	0.1	...	...	112	11.7	70	3.0	124	9.2	0.11	3.8
Margarine	...	...	...	...	...	...	...	...	...	...	...	...	120	12.5	80	3.4	133	9.9	1.32	44.2
Other fats	...	...	...	...	...	...	0.4	0.1	...	...	...	...	7	0.8	...	...	7	0.6	0.06	2.1
<i>Total fats</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>1.4</i>	<i>0.2</i>	<i>...</i>	<i>0.1</i>	<i>...</i>	<i>...</i>	<i>239</i>	<i>25.0</i>	<i>150</i>	<i>6.5</i>	<i>265</i>	<i>19.7</i>	<i>1.50</i>	<i>50.1</i>
Sugar and preserves	...	...	...	...	...	...	0.2	...	...	...	0.7	1.2	...	...	2	0.1	...	...	...	...
Potatoes	0.11	9.8	0.05	2.7	1.6	11.2	44.3	4.9	2.3	7.8	12.4	21.0	...	...	...	...	...	...	...	...
Cabbage, brussels sprouts and cauliflower	0.01	1.1	0.02	1.2	0.1	0.9	8.5	0.9	0.3	0.9	4.0	6.8	...	...	60	2.6	10	0.7	...	...
Leafy salads	...	0.3	...	0.2	...	0.1	0.5	0.1	...	0.1	0.8	1.3	...	...	46	2.0	8	0.6	...	...
Fresh legumes, including frozen	0.02	2.0	0.01	0.7	0.2	1.7	5.6	0.6	0.3	1.1	1.4	2.3	...	...	41	1.8	7	0.5	...	...

TABLE 34—continued
(per person per day)

	Thiamin (a)		Riboflavin		Nicotinic acid		Tryptophan		Nicotinic acid equivalent		Vitamin C (a)		Vitamin A				Vitamin D		
	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	mg	Per cent of total	Retinol		Carotene		Retinol equivalent		
													µg	Per cent of total	µg	Per cent of total	µg	Per cent of total	µg	Per cent of total
Other fresh green vegetables	0.01	0.1	0.01	0.1	0.1	0.8	0.3	0.1	0.1	0.4	0.2	0.3	—	—	35	1.5	6	0.4	
Fresh tomatoes	0.01	0.8	0.01	0.3	0.1	0.5	1.0	0.1	0.1	0.4	3.2	5.4	—	—	95	4.1	16	1.2	
Carrots	0.01	0.5	0.01	0.3	0.1	0.3	0.7	0.1	0.1	0.3	0.4	0.6	—	—	1297	55.9	216	16.1	
Other root vegetables	0.02	0.2	0.01	0.1	0.1	0.3	0.7	0.1	0.1	0.2	0.5	0.9	—	—	3	0.2	1	0.1	
Other vegetables and vegetable products	0.05	4.5	0.05	2.5	0.7	5.2	29.1	3.2	1.2	4.1	5.6	9.5	—	—	332	14.3	55	4.1	
Total vegetables	0.22	19.2	0.15	8.2	2.9	20.7	90.6	9.9	4.4	15.0	28.4	48.0	—	—	1910	82.3	318	23.7	
Oranges	0.01	0.8	0.01	0.1	0.1	0.1	0.5	0.1	0.1	0.1	4.6	7.8	—	—	5	0.2	1	0.1	
Other citrus fruit	0.02	0.2	0.01	0.1	0.1	0.2	0.8	0.1	0.1	0.1	1.7	2.8	—	—	1	0.1	—	—	
Apples and pears	0.01	0.9	0.01	0.3	0.1	0.8	0.4	0.1	0.1	0.1	2.3	3.9	—	—	8	0.3	—	—	
Soft fruit	0.01	0.1	0.01	0.1	0.1	0.4	0.4	0.1	0.1	0.1	1.9	3.2	—	—	3	0.1	—	—	
Bananas	0.01	0.3	0.01	0.3	0.1	0.3	0.9	0.1	0.1	0.2	0.8	1.3	—	—	15	0.7	3	0.2	
Other fresh fruit	0.02	0.2	0.01	0.1	0.1	0.2	0.2	0.5	0.3	1.0	0.6	1.0	—	—	22	1.0	4	0.3	
Other fruit and fruit products	0.02	1.4	0.01	0.6	0.2	1.6	4.9	0.5	0.3	1.0	12.4	21.1	—	—	23	1.0	4	0.3	
Total fruit	0.04	3.8	0.03	1.6	0.4	2.6	7.9	0.9	0.5	1.7	24.2	41.0	—	—	77	3.3	13	1.0	
White bread (standard loaves)	0.17	14.6	0.01	0.7	0.5	3.6	86.1	9.4	1.9	6.7	—	—	—	—	—	—	—	—	
Other bread	0.08	6.7	0.02	1.3	0.1	1.1	40.3	4.4	0.8	2.8	—	—	—	—	—	—	—	—	
Flour	0.05	4.4	0.01	0.4	0.2	1.3	27.2	3.0	0.6	2.2	—	—	—	—	—	—	—	—	
Cakes and pastries	0.01	1.0	0.01	0.7	0.1	0.4	11.3	1.2	0.2	0.8	—	—	—	—	—	—	—	—	
Biscuits	0.04	3.6	0.04	2.2	0.1	0.6	19.1	2.1	0.4	1.4	—	—	—	—	—	—	—	—	
Other cereals and cereal products	0.14	12.0	0.17	9.0	1.2	8.4	31.1	3.4	1.7	5.8	0.1	0.1	—	—	3	0.1	5	0.3	
Total cereals	0.49	42.2	0.27	14.2	2.1	15.4	215.2	23.6	5.7	19.8	0.1	0.1	—	—	4	0.2	13	0.9	
Tea	0.01	0.9	0.10	5.2	0.6	4.1	—	—	0.6	2.0	—	—	—	—	—	—	—	—	
Other beverages	0.01	0.7	0.01	0.6	0.7	4.7	5.8	0.6	0.7	2.6	—	—	—	—	—	—	—	—	
Total beverages	0.02	1.6	0.11	5.7	1.2	8.8	5.8	0.6	1.3	4.5	—	—	—	—	—	—	—	—	
Other foods	0.04	3.1	0.05	2.8	0.4	3.0	10.1	1.1	0.6	2.0	0.7	1.2	—	—	2	0.2	12	0.9	
TOTAL ALL FOODS	1.15	100	1.87	100	13.9	100	912.7	100	29.1	100	59.1	100	959	100	2322	100	1344	100	2.99

(a) Cooking losses have been taken into account. Intake figures for thiamin allow for a loss of 50 per cent from beef and smaller losses from other foods (equivalent on average to about 20 per cent loss overall); those for vitamin C from fresh green vegetables and other vegetables allow for losses of 15 and 50 per cent respectively.

Geographical variations in nutritional value of household food, 1981

	Region										Type of area						
	All households	Scotland	Wales	England	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South (East of England)	Greater London	Metro-politan districts and the Central Chydeside conurbation	Non-metro-politan districts			
														7 or more	3 but less than 7	0-5 but less than 3	Less than 0-5
	(i) Consumption per person per day																
Energy (Kcal)	2210	2160	2390	2210	2260	2190	2250	2360	2360	2190	2120	2070	2330	2170	2110	2230	2260
Total protein (MJ)	9.3	9.1	10.1	9.3	9.5	9.2	9.4	9.9	9.9	9.9	9.2	8.9	9.8	9.1	8.9	9.4	9.5
Animal protein (g)	71.5	71.1	74.6	71.4	73.2	69.5	72.7	74.5	74.0	70.3	70.2	70.7	74.9	69.7	68.7	71.7	71.8
Fat (g)	45.6	45.3	46.0	45.6	46.0	43.5	46.5	47.5	44.8	45.4	45.8	47.1	46.4	44.0	44.5	46.0	45.8
Fat, saturated (g)	104	104	109	104	104	102	104	113	107	105	101	98	106	101	101	105	107
Fatty acids monounsaturated (g)	45.6	44.1	48.9	45.5	45.6	44.0	45.5	49.7	46.7	46.5	44.6	43.3	46.2	44.5	44.8	46.5	47.5
Fatty acids polyunsaturated (g)	38.9	37.2	40.9	39.0	39.4	38.9	39.5	42.9	39.7	39.2	37.8	36.9	40.2	38.2	37.6	39.7	40.0
Carbohydrate (g)	264	261	296	263	275	263	271	278	294	257	248	240	286	261	249	264	270
Calcium (mg)	950	940	980	950	930	890	940	1000	1050	960	930	890	960	930	940	970	1000
Iron (mg)	10.9	10.8	11.6	10.9	11.5	10.8	11.1	11.0	11.1	10.8	10.8	10.6	11.5	10.8	10.6	10.9	11.0
Thiamin (mg)	1.15	1.09	1.25	1.15	1.15	1.14	1.18	1.20	1.21	1.15	1.13	1.10	1.21	1.14	1.11	1.17	1.16
Riboflavin (mg)	1.87	1.80	1.93	1.87	1.84	1.78	1.87	1.91	1.88	1.89	1.90	1.85	1.86	1.84	1.86	1.89	1.92
Nicotinic acid (mg)	13.9	13.2	14.6	14.0	14.0	13.6	14.3	14.1	13.8	14.0	14.0	14.3	14.5	13.6	13.4	14.0	13.7
Nicotinic acid equivalent (mg)	29.1	28.3	30.4	29.1	29.5	28.3	29.7	29.9	29.4	28.9	28.8	29.1	30.4	28.4	27.9	29.2	29.0
Vitamin C (mg)	59	55	56	60	55	50	55	55	57	63	66	69	56	56	59	60	60
Vitamin A: retinol (µg)	960	850	920	970	950	1020	890	910	950	1000	1000	970	950	990	940	940	970
β-carotene (µg)	2320	2090	2580	2390	2170	2190	2460	2400	2120	2540	2350	2260	2260	2270	2320	2290	2560
total (retinol equivalent) (µg)	1340	1200	1350	1360	1310	1360	1300	1310	1310	1420	1390	1340	1330	1360	1320	1320	1400
Vitamin D (µg)	2.99	2.71	3.08	3.01	3.26	3.05	3.26	3.16	3.04	3.06	2.82	2.59	3.15	2.89	2.87	3.09	3.17
	(ii) As a percentage of recommended intake																
Energy	99	95	104	99	100	97	99	101	104	98	97	97	103	97	95	98	98
Protein (as a percentage of minimum requirement)	127	124	129	127	129	123	128	127	130	125	127	132	132	124	123	126	124
Calcium	174	171	177	174	176	169	175	175	179	169	174	179	182	169	168	173	169
Iron	101	98	105	101	105	100	102	99	102	100	102	103	106	100	98	100	99
Thiamin	136	129	137	136	124	123	127	125	130	125	125	125	130	123	121	125	122
Riboflavin	185	178	190	186	182	179	184	184	187	183	184	184	188	181	179	185	179
Nicotinic acid equivalent	205	190	191	207	188	174	191	184	198	219	231	248	193	195	207	205	201
Vitamin C (retinol equivalent)	192	169	190	195	185	198	184	181	187	201	203	199	190	196	190	188	194

TABLE 35—continued

	Region										Type of area									
	All households	Scotland	Wales	England	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East, East Anglia	Greater London	Metropolitan districts and the Central Clydeside conurbation			Non-metropolitan districts				
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5				
(iii) Percentage of energy derived from protein, fat and carbohydrate																				
Protein	12.9	13.2	12.5	13.0	12.9	12.7	13.0	12.6	12.5	12.9	13.3	13.7	12.9	12.8	13.0	12.9	12.9	12.9	12.7	
Fat	42.2	41.5	41.1	42.3	41.4	42.0	41.8	43.2	40.8	43.1	42.9	42.8	41.1	42.1	42.9	42.7	42.5	42.5	42.5	44.8
Carbohydrate	44.9	45.4	46.4	44.7	45.6	45.2	45.3	44.1	46.7	44.1	43.9	43.5	46.0	45.1	44.2	44.4	44.8	44.8	44.8	44.8
(iv) Animal protein as a percentage of total protein																				
Protein	63.7	63.7	61.7	63.9	62.8	62.6	64.0	63.8	60.6	64.6	65.3	66.6	61.9	63.2	64.8	64.2	63.8	63.8	63.8	63.8
(v) Consumption of nutrients per 1000 kcal																				
Total protein	32.3	32.9	31.2	32.4	32.3	31.8	32.4	31.5	31.3	32.2	33.1	34.1	32.1	32.1	32.5	32.2	31.7	31.7	31.7	31.7
Animal protein	20.6	21.0	19.2	20.7	20.3	19.9	20.7	20.1	19.0	20.8	21.6	22.7	19.9	20.3	21.1	20.7	20.3	20.3	20.3	20.3
Fat	47	46	46	47	46	47	46	48	45	48	48	47	45	47	48	47	47	47	47	47
Fatty acids: saturated	20.6	20.4	20.4	20.6	20.1	20.1	20.3	21.0	19.8	21.3	21.0	20.9	19.8	20.5	21.2	20.9	21.0	21.0	21.0	21.0
monounsaturated	17.6	17.2	17.1	17.7	17.4	17.8	17.6	18.1	16.8	17.9	17.8	17.8	17.2	17.6	17.8	17.8	17.7	17.7	17.7	17.7
polyunsaturated	5.2	4.9	4.7	5.2	5.0	5.3	5.1	5.3	5.4	5.1	5.2	5.3	5.2	5.2	5.1	5.2	5.0	5.0	5.0	5.0
Carbohydrate	120	121	124	119	122	120	121	118	124	117	117	116	123	120	118	118	119	119	119	119
Calcium	429	436	411	430	412	408	417	424	444	439	441	429	413	428	446	435	441	441	441	441
Iron	5.0	5.0	4.8	5.0	5.1	5.0	4.9	4.7	4.7	4.9	5.1	5.1	4.9	5.0	5.0	4.9	4.8	4.8	4.8	4.8
Thiamin	0.52	0.50	0.52	0.52	0.51	0.52	0.53	0.51	0.51	0.53	0.53	0.53	0.52	0.52	0.53	0.52	0.52	0.52	0.52	0.52
Riboflavin	0.85	0.84	0.81	0.85	0.81	0.82	0.83	0.81	0.80	0.86	0.89	0.89	0.80	0.85	0.88	0.85	0.85	0.85	0.85	0.85
Nicotinic acid equivalent	13.2	13.1	12.7	13.2	13.0	13.0	13.2	12.7	12.4	13.2	13.6	14.1	13.0	13.1	13.2	13.1	12.8	12.8	12.8	12.8
Vitamin C	27	26	23	27	24	23	25	23	24	29	31	33	24	26	28	27	26	26	26	26
Vitamin A (retinol equivalent)	608	555	564	616	579	631	554	552	552	651	655	647	570	629	623	592	617	617	617	617
Vitamin D (retinol equivalent)	1.35	1.25	1.29	1.36	1.44	1.40	1.45	1.34	1.29	1.40	1.33	1.25	1.35	1.33	1.36	1.39	1.40	1.40	1.40	1.40

(e) Including Greater London for which separate results are given in the analysis according to type of area.

Nutritional value of household food in different income groups, 1981

	All households	Income group										OAP
		Gross weekly income of head of household										
		Households with one or more earners					Households without an earner					
		£300 and over	£210 and under £300	£210 and over	£125 and under £125	£75 and under £75	Less than £75	£75 or more	Less than £75	E1	E2	
		A1	A2	All A	B	C	D	E1	E2			
		(i) Consumption per person per day										
Energy	2210	2160	2040	2070	2130	2220	2190	2520	2320	2560		
Total protein	9.3	9.1	8.6	8.7	8.9	9.3	9.2	10.6	9.7	10.8		
Animal protein	71.5	72.7	67.6	68.8	70.2	71.5	69.5	80.0	72.7	80.7		
Fat	104	107	99	101	102	102	99	121	105	120		
Fatty acids:												
saturated	45.6	48.1	43.8	44.8	45.2	44.8	42.6	54.0	46.0	53.8		
monounsaturated	38.9	39.8	36.7	37.4	38.4	38.6	37.4	45.4	39.5	45.3		
polyunsaturated	11.4	11.3	11.1	11.2	11.1	11.5	11.2	13.1	11.6	12.4		
Carbohydrate	264	242	235	236	246	269	273	294	288	308		
Calcium	950	980	940	950	930	940	910	1060	990	1060		
Iron	10.9	11.2	10.4	10.6	10.8	10.9	10.8	12.2	11.3	11.8		
Thiamin	1.15	1.18	1.07	1.10	1.13	1.15	1.14	1.29	1.21	1.27		
Riboflavin	1.87	1.94	1.86	1.88	1.84	1.83	1.75	2.17	1.98	2.17		
Nicotinic acid	13.9	15.0	13.2	13.6	13.9	13.8	13.4	16.4	14.0	15.3		
Nicotinic acid equivalent	29.1	30.3	27.5	28.1	28.7	29.0	28.2	33.3	29.5	32.5		
Vitamin C	59	86	68	72	63	55	49	79	59	57		
Vitamin A:												
retinol	960	860	940	930	900	950	940	1170	1050	1150		
β-carotene	2320	2720	2270	2360	2400	2220	2140	3030	2420	2500		
total (retinol equivalent)	1340	1310	1320	1320	1300	1320	1300	1670	1460	1560		
Vitamin D	2.99	2.78	2.72	2.74	2.82	2.93	3.04	3.62	3.38	3.67		
		(ii) As a percentage of recommended intake										
Energy	99	102	96	98	96	96	97	111	106	117		
Protein	127	137	127	129	127	123	122	141	132	146		
(as a percentage of minimum requirement)	174	187	175	177	176	172	166	179	172	181		
Calcium	172	184	177	178	169	171	161	191	176	194		
Iron	101	107	99	101	101	101	98	109	103	108		
Thiamin	125	135	123	126	125	121	122	136	132	138		
Riboflavin	136	149	144	145	139	132	125	142	139	142		
Nicotinic acid equivalent	185	205	187	191	180	184	177	192	181	186		
Vitamin C	205	320	252	266	226	192	169	244	195	174		
Vitamin A (retinol equivalent)	192	201	203	203	195	189	184	210	197	193		

TABLE 37

Nutritional value of food in households of different composition, 1981

	Households with											
	No. of adults		1		2		3		3 or more		4 or more	
	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	4 or more	
	(i) Consumption per person per day											
Energy	2510	2090	2530	2130	1990	1990	1870	2380	2140	2170	2250	
Total protein	(Kcal)	8-8	10-6	8-9	8-3	8-4	7-9	10-0	9-0	9-1	9-4	
Animal protein	(g)	80-3	65-0	82-8	70-6	60-8	57-6	78-7	69-7	64-5	75-1	
Fat	(g)	52-3	38-9	54-7	46-1	36-4	34-2	51-3	43-5	34-2	47-7	
	(g)	117	92	123	102	91	81	111	98	87	105	
Fatty acids:	(g)	52-8	39-4	54-1	44-8	41-1	35-0	49-6	42-9	38-5	46-9	
saturated	(g)	43-4	35-0	46-5	38-0	35-3	30-3	42-0	37-1	31-9	39-4	
monounsaturated	(g)	12-2	11-1	13-3	11-2	10-4	9-4	11-5	11-1	10-2	10-6	
polyunsaturated	(g)	302	265	291	248	236	243	282	260	300	267	
Carbohydrate	(g)	1120	890	1050	950	880	810	1000	890	950	930	
Calcium	(mg)	12-2	10-4	12-2	10-9	10-1	9-8	11-8	10-6	10-3	11-2	
Iron	(mg)	1-29	1-11	1-27	1-12	1-07	1-05	1-22	1-13	1-15	1-19	
Thiamin	(mg)	2-24	1-73	2-11	1-87	1-75	1-64	2-00	1-74	1-55	1-86	
Riboflavin	(mg)	15-1	12-6	16-3	13-9	12-6	11-7	15-4	13-6	11-9	15-1	
Nicotinic acid	(mg)	32-1	26-4	33-8	28-7	26-3	23-5	32-0	28-4	25-7	31-0	
Nicotinic acid equivalent	(mg)	72	48	69	61	54	42	65	58	48	60	
Vitamin C	(mg)	1220	910	1130	990	820	720	1110	860	720	1040	
retinol	(µg)	2790	1690	2780	2390	2110	1920	2560	2150	1800	2360	
β-carotene	(µg)	1680	1190	1590	1390	1170	1010	1540	1220	1020	1440	
total (retinol equivalent)	(µg)	3-49	2-85	3-52	2-86	2-66	2-78	3-12	2-84	2-69	3-78	
Vitamin D	(µg)											
	(ii) As a percentage of recommended intake											
Energy	119	100	107	98	93	91	85	99	92	97	95	
Protein	152	123	140	129	120	111	104	131	118	115	127	
(as a percentage of minimum requirement)	193	176	184	179	171	158	148	176	163	161	173	
Calcium	216	154	197	171	155	145	131	192	166	165	187	
Iron	116	95	111	103	95	90	84	107	97	94	104	
Thiamin	147	129	130	125	122	118	115	123	117	125	123	
Riboflavin	157	139	139	143	139	128	122	133	122	116	128	
Nicotinic acid equivalent	197	186	195	193	184	169	160	188	175	169	188	
Vitamin C	233	184	217	214	204	174	160	212	200	176	202	
Vitamin A (retinol equivalent)	219	192	203	207	189	182	162	199	170	155	192	

TABLE 37—continued

	No. of adults	Households with										
		1		2		3						
		0	1 or more	0	1	2	3		4 or more	3 or more	1 or 2	3 or more	4 or more
(iii) Percentage of energy derived from protein, fat and carbohydrate												
Protein	.	12.8	12.5	13.1	13.3	13.0	12.2	12.3	13.3	13.0	11.9	13.4
Fat	.	42.0	39.8	43.8	43.0	42.4	41.3	38.9	42.2	41.4	36.2	42.0
Carbohydrate	.	45.2	47.7	43.1	43.7	44.5	46.5	48.8	44.5	45.6	51.9	44.6
(iv) Animal protein as a percentage of total protein												
		65.2	59.8	66.1	65.3	63.8	59.9	59.4	65.1	62.4	53.1	63.6
(v) Consumption of nutrients per 1000 kcal												
Total protein	(g)	32.0	31.1	32.7	33.2	32.5	30.5	30.8	33.1	32.5	29.7	33.4
Animal protein	(g)	20.9	18.6	21.6	21.7	20.7	18.3	18.3	21.6	20.3	15.8	21.2
Fat	(g)	47	44	49	48	47	46	43	47	46	40	47
Fatty acids:												
saturated	(g)	21.0	18.9	21.4	21.1	20.7	19.8	18.7	20.9	20.0	17.7	20.9
monounsaturated	(g)	17.3	16.7	18.4	17.9	17.7	17.2	16.2	17.7	17.3	14.7	17.5
polyunsaturated	(g)	4.9	5.3	5.3	5.3	5.2	5.5	5.0	4.8	5.2	4.7	4.7
Carbohydrate	(g)	120	127	115	117	119	124	130	119	121	138	119
Calcium	(mg)	445	427	415	449	444	431	430	418	417	437	416
Iron	(mg)	4.9	5.0	4.8	5.1	5.1	4.9	5.0	5.0	5.0	4.7	5.0
Thiamin	(mg)	0.52	0.53	0.50	0.53	0.54	0.51	0.55	0.51	0.53	0.53	0.53
Riboflavin	(mg)	0.89	0.83	0.83	0.88	0.88	0.82	0.85	0.84	0.81	0.71	0.83
Nicotinic acid equivalent	(mg)	12.8	12.6	13.4	13.5	13.3	12.3	12.6	13.5	13.2	11.8	13.8
Vitamin C	(mg)	29	23	27	29	27	23	23	28	27	22	27
Vitamin A (retinol equivalent)	(µg)	670	570	630	650	589	568	541	646	568	470	640
Vitamin D	(µg)	1.39	1.36	1.39	1.34	1.34	1.39	1.30	1.31	1.33	1.24	1.24

Nutritional value of food in households of different composition within income groups, 1981

	Income group	Households with						
		Adults only	1 adult, 1 or more children	2 adults and			4 or more children	3 or more adults, 1 or more children
				1 child	2 children	3 children		
		(i) Consumption per person per day						
Energy	A B C D & E2	2290 2370 2450 2530	• (2280) 2190 2080	2150 2090 2130 2100	1920 1980 2050 1870	2000 1990 1990 1980	(2080) 1960 1830 1740	1990 2120 2260 2050
	(MJ)	9.6 10.0 10.3 10.6	• (9.6) 9.2 8.7	9.0 8.8 9.0 8.8	8.1 8.3 8.6 7.8	8.4 8.4 8.3 8.4	(8.8) 8.2 7.7 7.3	8.4 8.9 9.5 8.6
Total protein	A B C D & E2	79.4 80.6 81.4 80.5	• (69.1) 71.5 64.0	71.3 70.2 70.8 69.9	63.4 65.8 65.2 59.3	60.7 61.8 59.7 61.5	(64.2) 59.8 56.3 54.4	67.6 69.1 70.6 62.9
Animal protein	A B C D & E2	54.8 54.2 52.8 51.1	• (42.7) 44.9 37.7	48.9 46.1 45.5 45.1	41.6 43.0 40.6 36.3	38.3 37.9 35.0 34.8	(39.6) 36.4 33.7 30.6	44.2 43.5 41.2 35.6
Fat	A B C D & E2	118 119 116 118	• (108) 98 92	105 101 100 99	93 94 96 85	98 93 89 84	(95) 87 81 67	91 101 98 86
Fatty acids: saturated	A B C D & E2	52.6 53.0 51.0 51.5	• (46.1) 43.1 38.8	46.1 44.6 43.9 44.1	42.0 41.5 41.6 36.7	41.8 40.9 38.8 35.2	(41.5) 37.6 35.2 28.8	40.6 44.1 42.8 36.6

TABLE 38—continued

	Income group	Households with							3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	2 adults and			4 or more children		
				1 child	2 children	3 children			
(i) Consumption per person per day—continued									
Fatty acids—continued monounsaturated	A	43.9	•	39.2	34.1	36.6	(35.1)	33.4	
	B	44.5	(41.2)	37.4	35.3	35.1	33.1	37.8	
	C	43.7	37.2	37.6	36.4	33.2	30.3	36.9	
	D & E2	44.4	34.6	37.6	32.2	31.7	25.3	32.3	
polyunsaturated	A	12.6	•	12.1	9.8	12.4	(10.9)	9.7	
	B	12.1	(12.2)	11.2	10.1	10.5	10.2	11.3	
	C	12.4	10.6	11.1	11.0	10.8	9.7	11.2	
	D & E2	12.8	11.3	10.2	9.5	10.3	7.4	10.5	
Carbohydrate	A	244	•	247	222	235	(261)	241	
	B	263	(277)	242	232	241	250	250	
	C	288	272	253	247	252	233	292	
	D & E2	307	266	249	231	263	246	273	
Calcium	A	1020	•	980	910	870	(1030)	950	
	B	1020	(910)	950	900	850	830	900	
	C	1030	910	960	880	860	790	930	
	D & E2	1050	890	910	810	850	710	810	
Iron	A	11.6	•	11.2	9.9	9.9	(10.9)	10.1	
	B	11.9	(11.7)	10.9	10.2	9.9	9.8	10.6	
	C	12.1	10.7	10.9	10.2	9.6	8.8	11.0	
	D & E2	12.3	10.3	10.6	9.4	9.7	9.1	9.8	
Thiamin	A	1.17	•	1.11	1.02	1.08	(1.16)	1.11	
	B	1.23	(1.10)	1.12	1.08	1.06	1.11	1.12	
	C	1.25	1.12	1.13	1.08	1.02	0.97	1.17	
	D & E2	1.29	1.12	1.09	1.01	1.07	0.99	1.06	

TABLE 38—continued

	Income group	Households with						3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	2 adults and			4 or more children	
				1 child	2 children	3 children		
		(i) Consumption per person per day—continued						
Riboflavin	A B C D & E2	2.04 2.03 2.04 2.11	* (1.74) 1.78 1.73	1.99 1.88 1.86 1.78	1.77 1.79 1.74 1.59	1.74 1.66 1.59 1.56	(2.04) 1.70 1.50 1.39	1.83 1.75 1.71 1.48
Nicotinic acid	A B C D & E2	15.7 16.1 16.0 15.5	* (14.1) 13.8 12.2	14.3 13.8 13.7 13.6	12.1 12.9 12.7 11.7	11.9 12.1 11.2 11.6	(12.1) 12.1 10.7 10.9	13.6 13.6 13.3 11.8
Nicotinic acid equivalent	A B C D & E2	32.4 33.0 33.2 32.5	* (28.6) 29.0 25.8	29.3 28.6 28.7 28.3	25.6 26.9 26.6 24.4	24.8 25.2 23.9 24.7	(26.0) 24.8 22.7 22.5	28.0 28.2 28.2 25.3
Vitamin C	A B C D & E2	82 78 65 65	* (60) 54 47	78 66 56 46	71 57 50 40	58 49 40 42	(48) 52 39 32	69 58 54 45
Vitamin A: retinol	A B C D & E2	1020 1050 1130 1210	* (830) 610 960	1100 970 990 990	870 840 840 680	860 850 780 660	(1160) 810 580 680	780 770 910 750
β -carotene	A B C D & E2	2600 2810 2720 2720	* (1400) 1690 1740	3000 2480 2060 2400	2230 2220 2030 1780	2130 2050 1720 1660	(2060) 2120 1400 1930	2040 2250 2130 1590

TABLE 38—continued

	Income group	Households with						3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	2 adults and			4 or more children	
				1 child	2 children	3 children		
(i) Consumption per person per day—continued								
Vitamin A—continued total (retinol equivalent) (µg)	A B C D & E2	1450 1520 1580 1670	*	1610 1380 1330 1390	1240 1210 1180 970	1220 1190 1060 940	(1500) 1170 810 1000	1120 1140 1270 1010
Vitamin D (µg)	A B C D & E2	2.99 3.03 3.21 3.66	*	3.21 2.68 2.83 2.95	2.34 2.59 2.86 2.54	2.73 2.92 2.57 2.81	(3.30) 2.84 2.12 2.25	2.44 2.91 2.93 2.74
(ii) As a percentage of recommended intake								
Energy	A B C D & E2	103 102 101 109	*	106 (102) 100 100	92 94 93 88	96 92 88 90	(100) 87 83 81	92 94 94 88
Protein	A B C D & E2	143 138 134 138	*	140 (123) 130 122	122 124 118 112	116 114 105 111	(122) 105 101 100	124 122 116 107
(as a percentage of minimum requirement)	A B C D & E2	189 186 184 178	*	192 (173) 183 176	170 176 170 157	165 163 151 156	(174) 149 145 143	170 168 163 147
Calcium	A B C D & E2	208 200 199 195	*	187 (168) 161 153	164 158 153 141	150 146 144 141	(174) 132 129 116	181 170 168 140

TABLE 38—continued

	Income group	Households with							3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	2 adults and			4 or more children		
				1 child	2 children	3 children			
		(ii) As a percentage of recommended intake—continued							
Iron	A	111	*	111	95	93	95	(103)	95
	B	111	(109)	104	97	92	86	86	99
	C	111	96	102	95	87	79	79	98
	D & E2	110	93	99	89	87	83	83	87
Thiamin	A	127	*	132	120	127	(135)	(135)	124
	B	128	(121)	126	125	121	120	120	122
	C	126	126	122	120	111	108	108	119
	D & E2	133	131	122	117	119	112	112	111
Riboflavin	A	145	*	160	143	143	(167)	(167)	137
	B	140	(132)	145	144	132	127	127	127
	C	138	134	140	136	121	116	116	118
	D & E2	137	141	133	128	120	109	109	103
Nicotinic acid equivalent	A	203	*	207	181	178	(187)	(187)	184
	B	201	(191)	194	190	175	163	163	180
	C	197	192	190	183	160	154	154	171
	D & E2	186	185	185	172	167	155	155	156
Vitamin C	A	281	*	294	276	225	(187)	(187)	254
	B	261	(227)	233	216	188	192	192	209
	C	212	201	196	187	150	147	147	184
	D & E2	203	180	160	146	153	123	123	153
Vitamin A (retinol equivalent)	A	200	*	254	204	206	(255)	(255)	167
	B	204	(163)	209	197	194	181	181	166
	C	207	135	196	187	165	130	130	175
	D & E2	208	205	202	156	147	162	162	142

TABLE 38—continued

	Income group	Households with						
		Adults only	1 adult, 1 or more children	2 adults and			3 or more adults, 1 or more children	
				1 child	2 children	3 children		4 or more children
		(i) Consumption per person per day—continued						
Vitamin A—continued total (retinol equivalent) (µg)	A B C D & E2	1450 1520 1580 1670	• (1070) 890 1250	1610 1210 1180 970	1240 1210 1060 940	1220 1190 1060 940	(1500) 1170 810 1000	1120 1140 1270 1010
Vitamin D (µg)	A B C D & E2	2.99 3.03 3.21 3.66	• (2.87) 2.90 2.89	3.21 2.68 2.83 2.95	2.34 2.59 2.86 2.54	2.73 2.92 2.57 2.81	(3.30) 2.84 2.12 2.25	2.44 2.91 2.93 2.74
		(ii) As a percentage of recommended intake						
Energy	A B C D & E2	103 102 101 109	• (102) 100 100	106 97 95 97	92 94 93 88	96 92 88 90	(100) 87 83 81	92 94 94 88
Protein	A B C D & E2	143 138 134 138	• (123) 130 122	140 130 126 128	122 124 118 112	116 114 105 111	(122) 105 101 100	124 122 116 107
(as a percentage of minimum requirement)	A B C D & E2	189 186 184 178	• (173) 183 176	192 180 177 174	170 176 170 157	165 163 151 156	(174) 149 145 143	170 168 163 147
Calcium	A B C D & E2	208 200 199 195	• (168) 161 153	187 171 170 163	164 158 153 141	150 146 144 141	(174) 132 129 116	181 170 168 140

TABLE 38—continued

	Income group	Households with						3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	
		(ii) As a percentage of recommended intake—continued						
Iron	A	111	*	111	95	93	(103)	95
	B	111	(109)	104	97	92	86	99
	C	111	96	102	95	87	79	98
	D & E2	110	93	99	89	87	83	87
Thiamin	A	127	*	132	120	127	(135)	124
	B	128	(121)	126	125	121	120	122
	C	126	126	122	120	111	108	119
	D & E2	133	131	122	117	119	112	111
Riboflavin	A	145	*	160	143	143	(167)	137
	B	140	(132)	145	144	132	127	127
	C	138	134	140	136	121	116	118
	D & E2	137	141	133	128	120	109	103
Nicotinic acid equivalent	A	203	*	207	181	178	(187)	184
	B	201	(191)	194	190	175	163	180
	C	197	192	190	183	160	154	171
	D & E2	186	185	185	172	167	155	156
Vitamin C	A	281	*	294	276	225	(187)	254
	B	261	(227)	233	216	188	192	209
	C	212	201	196	187	150	147	184
	D & E2	203	180	160	146	153	123	153
Vitamin A (retinol equivalent)	A	200	*	254	204	206	(255)	167
	B	204	(163)	209	197	194	181	166
	C	207	135	196	187	165	130	175
	D & E2	208	205	202	156	147	162	142

TABLE 38—continued

	Income group	Households with					3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	1 child	2 children	3 children	
		(iii) Percentage of energy derived from protein, fat and carbohydrate					
Protein	A	13.9	*	13.2	13.2	12.1	13.6
	B	13.6	(12.1)	13.4	13.3	12.4	(12.3)
	C	13.3	13.1	13.3	12.7	12.0	13.0
	D & E2	12.7	12.3	13.3	12.7	12.4	12.5
Fat	A	46.2	*	43.8	43.5	43.9	41.0
	B	44.9	(42.4)	43.3	42.7	42.2	42.8
	C	42.6	40.4	42.2	42.2	40.5	39.1
	D & E2	41.8	39.7	42.5	40.9	37.9	37.8
Carbohydrate	A	39.9	*	43.0	43.3	44.0	45.4
	B	41.5	(45.5)	43.3	44.0	45.4	44.2
	C	44.1	46.5	44.5	45.1	47.5	48.4
	D & E2	45.5	48.0	44.3	46.4	49.7	49.9
		(iv) Animal protein as a percentage of total protein					
	A	69.1	*	68.6	65.6	63.1	65.3
	B	67.3	(61.9)	65.7	65.3	61.3	63.0
	C	64.9	62.7	64.3	62.3	58.5	58.4
	D & E2	63.4	59.0	64.5	61.3	56.6	56.5
		(v) Consumption of nutrients per 1000 kcal					
Total protein	A	34.7	*	33.1	33.1	30.3	34.0
	B	34.0	(30.3)	33.6	33.3	31.1	32.6
	C	33.3	32.7	33.2	31.8	30.1	31.2
	D & E2	31.9	30.8	33.2	31.8	31.0	30.7
Animal protein	A	24.0	*	22.7	21.7	19.1	22.2
	B	22.8	(18.7)	22.1	21.8	19.1	20.5
	C	21.6	20.5	21.3	19.8	17.6	18.2
	D & E2	20.2	18.2	21.4	19.5	17.5	17.4

	Income group	Households with							3 or more adults, 1 or more children	
		Adults only	1 adult, 1 or more children			2 adults and				4 or more children
			1 child	2 children	3 children	2 children	3 children	4 or more children		
(v) Consumption of nutrients per 1000 kcal—continued										
Fat	A B C D & E2	51 50 47 46	* (47) 45 44	49 48 47 47	48 48 47 46	49 47 45 42	(45) 45 44 38	46 48 44 42		
Fatty acids: saturated	A B C D & E2	23.0 22.3 20.8 20.4	* (20.2) 19.7 18.7	21.4 21.4 20.6 20.9	21.9 21.0 20.3 19.7	20.9 20.6 19.5 17.7	(20.0) 19.2 19.3 16.5	20.4 20.8 18.9 17.9		
monounsaturated	A B C D & E2	19.2 18.8 17.9 17.6	* (18.1) 17.0 16.7	18.2 17.9 17.6 17.9	17.8 17.8 17.8 17.3	18.3 17.6 16.7 16.0	(16.9) 16.9 16.6 14.5	16.8 17.9 16.3 15.8		
polyunsaturated	A B C D & E2	5.5 5.1 5.1 5.1	* (5.4) 4.9 5.4	5.6 5.4 5.2 4.9	5.1 5.1 5.4 5.1	6.2 5.3 5.5 5.2	(5.2) 5.2 5.3 4.2	4.9 5.3 5.0 5.1		
Carbohydrate	A B C D & E2	107 111 118 121	* (122) 124 128	115 116 119 118	116 118 120 124	117 121 127 133	(125) 127 127 141	121 118 129 133		
Calcium	A B C D & E2	448 428 419 417	* (401) 415 431	456 456 450 431	474 453 430 436	436 435 435 430	(495) 421 434 405	477 425 414 393		

TABLE 38—continued

	Income group	Households with						
		Adults only	1 adult, 1 or more children	2 adults and children			3 or more adults, 1 or more children	
				1 child	2 children	3 children		4 or more children
		(v) Consumption of nutrients per 1000 kcal—continued						
Iron	A B C D & E2	5.1 5.0 4.9 4.9	• (5.1) 4.9 5.0	5.2 5.2 5.1 5.1	5.2 5.2 5.0 5.1	4.9 5.0 4.8 4.9	(5.3) 5.0 4.8 5.2	5.1 5.0 4.9 4.8
Thiamin	A B C D & E2	0.51 0.52 0.51 0.51	• (0.48) 0.51 0.54	0.51 0.54 0.53 0.52	0.53 0.55 0.53 0.54	0.54 0.53 0.51 0.54	(0.56) 0.56 0.53 0.57	0.56 0.53 0.52 0.52
Riboflavin	A B C D & E2	0.89 0.86 0.83 0.83	• (0.76) 0.81 0.83	0.92 0.90 0.87 0.85	0.92 0.91 0.85 0.86	0.87 0.84 0.80 0.79	(0.98) 0.87 0.82 0.80	0.92 0.83 0.76 0.72
Nicotinic acid equivalent	A B C D & E2	14.2 13.9 13.6 12.9	• (12.5) 13.2 12.4	13.6 13.7 13.5 13.4	13.4 13.6 13.0 13.1	12.4 12.7 12.1 12.5	(12.5) 12.7 12.4 12.9	14.1 13.3 12.5 12.4
Vitamin C	A B C D & E2	36 33 27 26	• (26) 25 23	36 32 26 22	37 29 24 21	29 25 20 21	(23) 27 21 18	35 28 24 22
Vitamin A (retinol equivalent)	A B C D & E2	636 641 647 659	• (467) 407 604	746 659 624 662	649 612 574 521	609 599 536 474	(721) 594 443 576	561 541 562 493

TABLE 38—continued

	Income group	Households with						3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	
		(v) Consumption of nutrients per 1000 kcal—continued						
Vitamin D								
	A	1.31	*	1.49	1.22	1.36	(1.59)	1.23
	B	1.28	(1.26)	1.28	1.31	1.47	1.45	1.37
	C	1.31	1.33	1.33	1.40	1.29	1.16	1.30
	D & E2	1.45	1.39	1.40	1.36	1.42	1.29	1.34
		(vi) Price of energy index (a), all foods						
	A	125	*	117	114	92	(90)	109
	B	116	(103)	108	103	91	88	99
	C	105	102	101	94	85	85	89
	D & E2	99	87	96	88	79	78	81
	All income groups (b)	105	90	104	99	87	85	93

* Fewer than 10 households in the sample. Figures in brackets are based on samples of more than 9 but fewer than 20 households.
 (a) These indices, which show the relative differences in "cost per calorie", have been obtained by dividing the money value of food obtained for consumption in each group of households by its energy value and expressing the result as a percentage of the corresponding quotient for all households.
 (b) Including households not shown elsewhere in this table.

TABLE 39
Nutritional value of food in households classified according to age of housewife, 1981

	All households	Age of housewife						
		Under 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 and over
		(i) Consumption per person per day						
Energy	2210	1860	1920	2140	2450	2590	2600	2260
Total protein	9.3	7.8	8.1	9.0	10.3	10.9	12.2	9.5
Animal protein	71.5	60.6	62.7	68.7	79.1	84.5	82.2	71.8
Fat	45.6	38.4	39.6	43.0	50.3	55.3	53.7	47.3
Fat acids:	104	88	90	99	114	124	122	104
saturated	45.6	38.0	39.4	43.3	49.9	54.9	54.5	47.6
monounsaturated	38.9	33.2	33.6	37.3	42.8	47.0	45.9	38.4
polyunsaturated	11.4	10.5	9.9	11.3	12.6	13.3	12.4	10.1
Carbohydrate	264	219	229	259	295	301	312	277
Calcium	950	840	870	910	1020	1070	1070	990
Iron	10.9	9.7	9.8	10.7	11.9	12.6	12.2	10.4
Thiamin	1.15	0.97	1.03	1.14	1.26	1.30	1.30	1.15
Riboflavin	1.87	1.61	1.68	1.80	1.98	2.16	2.18	2.00
Nicotinic acid	13.9	11.6	12.1	13.6	15.5	16.6	15.9	13.3
Nicotinic acid equivalent	29.1	24.4	25.4	28.1	32.3	34.5	33.3	28.6
Vitamin C	59	50	53	58	65	69	64	52
Vitamin A:								
retinol	960	810	780	940	1000	1230	1200	1040
β-carotene	2320	1940	2060	2230	2500	2790	2800	2050
total (retinol equivalent)	1340	1130	1120	1310	1420	1700	1660	1380
Vitamin D	2.99	2.58	2.58	2.82	3.28	3.59	3.65	3.00
		(ii) As a percentage of recommended intake						
Energy	99	91	91	94	101	109	112	111
Protein	127	119	120	120	130	142	142	140
(as a percentage of minimum requirement)	174	167	171	167	179	187	181	164
Calcium	172	159	155	162	189	197	195	184
Iron	101	100	94	97	105	115	111	96
Thiamin	120	116	120	122	126	133	135	135
Riboflavin	136	135	138	131	133	141	141	133
Nicotinic acid equivalent	185	179	183	180	191	198	189	167
Vitamin C	205	183	201	209	217	217	196	163

TABLE 39—continued

	All households	Age of housewife					
		Under 25	25-34	35-44	45-54	55-64	65-74	75 and over
(iii) Percentage of energy derived from protein, fat and carbohydrate							
Protein	12.9	13.1	12.9	12.9	12.9	13.1	12.7
Fat	42.2	42.1	41.8	41.9	41.9	43.3	41.3
Carbohydrate	44.9	44.8	45.4	45.2	45.2	43.6	46.0
(iv) Animal protein as a percentage of total protein							
	63.7	63.4	63.1	62.6	63.6	65.4	65.9
(v) Consumption of nutrients per 1000 kcal							
Total protein	32.3	32.6	32.7	32.1	32.3	32.7	31.7
Animal protein	20.6	20.7	20.6	20.1	20.5	21.4	20.9
Fat	47	47	47	46	46	48	46
Fatty acids:							
saturated	20.6	20.5	20.6	20.2	20.4	21.2	21.0
monounsaturated	17.6	17.9	17.5	17.4	17.5	18.2	17.7
polyunsaturated	5.2	5.6	5.2	5.3	5.2	5.1	4.4
Carbohydrate	120	118	119	121	120	116	122
Calcium	429	454	455	427	415	414	437
Iron	5.0	5.2	5.1	5.0	4.8	4.9	4.6
Thiamin	0.52	0.52	0.54	0.53	0.51	0.50	0.51
Riboflavin	0.85	0.87	0.87	0.84	0.81	0.84	0.88
Nicotinic acid equivalent	13.2	13.1	13.2	13.2	13.2	13.3	12.8
Vitamin C	27	27	28	27	27	27	23
Vitamin A (retinol equivalent)	608	609	583	610	578	655	608
Vitamin D	1.35	1.39	1.35	1.32	1.34	1.39	1.33

TABLE 40
Nutritional value of food in households classified according to housing tenure, 1981

	All households	Type of dwelling					
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage
		Council	Other rented				
(i) Consumption per person per day							
Energy	2210	2240	2250	1670	2320	2480	2060
Total protein	9.3	9.4	9.4	7.0	9.7	10.4	8.6
Animal protein	71.5	71.5	73.4	58.1	71.6	79.3	67.6
Fat	45.6	44.5	47.5	37.2	45.8	51.1	43.5
Fatty acids:	104	102	105	77	114	116	98
saturated	45.6	44.6	46.4	33.9	49.4	51.9	43.1
monounsaturated	38.9	38.9	39.6	28.8	43.0	43.3	36.7
polyunsaturated	11.4	11.3	11.2	9.0	13.4	12.4	11.0
Carbohydrate	264	275	269	196	268	296	240
Calcium	950	910	960	780	1010	1070	920
Iron	10.9	11.0	10.9	9.2	11.1	11.9	10.5
Thiamin	1.15	1.16	1.17	0.93	1.14	1.27	1.10
Riboflavin	1.87	1.82	1.89	1.55	1.95	2.06	1.81
Nicotinic acid	13.9	14.0	14.1	11.3	13.5	15.4	13.3
Nicotinic acid equivalent	29.1	29.1	29.6	23.5	28.9	32.2	27.5
Vitamin C	59	50	59	66	52	68	62
Vitamin A:							
retinol	960	970	950	710	1080	1100	880
β-carotene	2320	2060	2200	2210	2310	2670	2380
total (retinol equivalent)	1340	1310	1310	1080	1460	1540	1280
Vitamin D	2.99	3.01	3.04	2.07	3.41	3.27	2.83
(ii) As a percentage of recommended intake							
Energy	99	99	100	83	96	108	93
Protein	127	125	130	116	118	138	122
(as a percentage of minimum requirement)	174	173	177	158	165	182	170
Calcium	172	163	176	171	178	195	167
Iron	101	101	102	96	99	108	98
Thiamin	125	124	126	113	116	134	121
Riboflavin	136	131	136	126	134	141	137

	All households	Type of dwelling					
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage
		Council	Other rented				
(ii) As a percentage of recommended intake—continued							
Nicotinic acid equivalent	185	184	187	168	175	193	183
Vitamin C	205	173	201	257	173	224	222
Vitamin A (retinol equivalent)	192	187	184	171	198	205	192
(iii) Percentage of energy derived from protein, fat and carbohydrate							
Protein	12.9	12.8	13.1	13.9	12.3	12.8	13.2
Fat	42.2	41.2	42.1	41.8	44.3	42.3	42.9
Carbohydrate	44.9	46.1	44.8	44.2	43.4	44.9	43.9
(iv) Animal protein as a percentage of total protein							
	63.7	62.2	64.7	64.1	64.0	64.4	64.4
(v) Consumption of nutrients per 1000 kcal							
Total protein	32.3	31.9	32.6	34.9	30.8	32.0	32.9
Animal protein	20.6	19.8	21.1	22.4	19.7	20.6	21.2
Fat	47	46	47	46	49	47	48
Fatty acids:							
saturated	20.6	19.9	20.6	20.3	21.3	21.0	21.0
monounsaturated	17.6	17.3	17.6	17.3	18.5	17.5	17.9
polyunsaturated	5.2	5.1	5.0	5.4	5.8	5.0	5.4
Carbohydrate	120	123	119	118	116	120	117
Calcium	429	406	426	471	436	432	449
Iron	5.0	4.9	4.9	5.5	4.8	4.8	5.1
Thiamin	0.52	0.52	0.52	0.56	0.49	0.51	0.53
Riboflavin	0.85	0.81	0.84	0.93	0.84	0.83	0.88
Nicotinic acid equivalent	13.2	13.0	13.2	14.1	12.4	13.0	13.4
Vitamin C	27	22	26	40	23	28	30
Vitamin A (retinol equivalent)	608	585	583	649	629	623	621
Vitamin D	1.35	1.34	1.35	1.24	1.47	1.32	1.38

TABLE 41
 Nutritional value of food in households owning a deep-freezer and in other households, 1981

	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Alternative estimates which take into account changes in deep-freezer stocks (σ)	
				Households owning a deep-freezer	All households
(i) Consumption per person per day					
Energy	2190	2250	2210	2150	2190
Total protein	9.2	9.4	9.3	9.0	9.2
Animal protein	71.6	71.5	71.5	70.9	71.1
Fat	46.4	44.6	45.6	46.2	45.5
Fat acids:	104	103	104	103	103
saturated	45.9	45.2	45.6	45.2	45.2
monounsaturated	39.3	38.5	38.9	38.7	38.6
polyunsaturated	11.6	11.2	11.4	11.4	11.3
Carbohydrate	255	276	264	251	262
Calcium	950	960	950	940	950
Iron	10.9	11.0	10.9	10.8	10.9
Thiamin	1.15	1.16	1.15	1.14	1.15
Riboflavin	1.88	1.85	1.87	1.88	1.87
Nicotinic acid	14.2	13.6	13.9	14.0	13.9
Nicotinic acid equivalent	29.3	28.8	29.1	29.0	28.9
Vitamin C	63	54	59	63	59
Vitamin A:					
retinol	970	950	960	960	960
β -carotene	2420	2210	2320	2430	2330
total (retinol equivalent)	1370	1310	1340	1370	1340
Vitamin D	3.00	2.98	2.99	2.95	2.96
(ii) As a percentage of recommended intake					
Energy	97	100	99	96	98
Protein	126	127	127	125	126
(as percentage of minimum requirement)	174	173	174	173	173
Calcium	171	174	172	169	171
Iron	101	102	101	100	101
Thiamin	124	126	125	123	124

	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Alternative estimates which take into account changes in deep-freezer stocks (a)	
				Households owning a deep-freezer	All households
(ii) As a percentage of recommended intake—continued					
Riboflavin	137	133	136	137	135
Nicotinic acid equivalent	188	182	185	186	184
Vitamin C	220	187	205	219	204
Vitamin A (retinol equivalent)	198	186	192	198	192
(iii) Percentage of energy derived from protein, fat and carbohydrate					
Protein	13.1	12.7	12.9	13.2	13.0
Fat	43.0	41.1	42.2	43.0	42.2
Carbohydrate	43.9	46.1	44.9	43.8	44.8
(iv) Animal protein as a percentage of total protein					
	64.8	62.5	63.7	65.2	64.0
(v) Consumption of nutrients per 1000 kcal					
Total protein (g)	32.7	31.8	32.3	32.9	32.4
Animal protein (g)	21.2	19.9	20.6	21.5	20.7
Fat (g)	48	46	47	48	47
Fatty acids:					
saturated (g)	21.0	20.1	20.6	21.0	20.6
monounsaturated (g)	18.0	17.2	17.6	18.0	17.6
polyunsaturated (g)	5.3	5.0	5.2	5.3	5.2
Carbohydrate (g)	117	123	120	117	119
Calcium (mg)	433	425	429	436	431
Iron (mg)	5.0	4.9	5.0	5.0	5.0
Thiamin (mg)	0.53	0.52	0.52	0.53	0.52
Riboflavin (mg)	0.86	0.82	0.85	0.87	0.85
Nicotinic acid equivalent (mg)	13.4	12.8	13.2	13.5	13.2
Vitamin C (mg)	29	24	27	29	27
Vitamin A (retinol equivalent) (µg)	627	585	608	636	613
Vitamin D (µg)	1.37	1.33	1.35	1.37	1.35

(a) See paragraph 32

TABLE 42
 Nutrients obtained for one penny from selected foods, national averages, 1981 (a)

	Energy kcal	Protein g	Fat g	Carbohydrate g	Calcium mg	Iron mg	Thiamin mg	Riboflavin mg	Nicotinic acid equivalent mg	Vitamin C mg	Retinol equivalent µg	Vitamin D µg
All foods	20	0.6	0.9	2.4	9	0.1	0.01	0.02	0.3	1	12	0.03
Liquid milk (b)	21	1.0	1.2	1.5	38		0.01	0.06	0.3	...	11	
Cheese	16	1.0	1.3		31			0.02	0.3		14	
Beef and veal	7	0.6	0.5			0.1		0.01	0.3			
Mutton and lamb	11	0.6	1.0			...		0.01	0.3			
Pork	12	0.6	1.0			...		0.01	0.3			
Liver	13	0.5	1.3			0.8	0.02	0.21	1.3	1	1054	0.05
Bacon and ham, uncooked	8	0.7	0.5			...	0.01	0.01	0.2			
Bacon and ham, cooked	7	0.9	0.3			...	0.01	0.01	0.5			
Poultry, uncooked	23	0.7	1.9		3	0.1	0.01	0.01	0.4			
Sausages, uncooked				0.7		0.1		0.01	0.5			
Fat fish, including canned or bottled fish (b)	7	0.7	0.5		6	0.1		0.01	0.4			0.41
White fish, including frozen (b)	7	0.7				...			0.2			
Frozen convenience fish products						...			0.2			
Eggs (b)	13	1.1	0.9		5	0.2	0.01	0.04	0.3		12	0.15
Butter	44		4.8			...					49	0.04
Margarine	93		10.3			...					102	1.01
Sugar	98			26.2								
Potatoes, old (b)	47	1.1		11.4	5	0.3	0.05	0.02	1.0	4		
Potatoes, new (b)	28	0.7		6.6	3	0.3	0.03	0.02	0.6	6		
Fresh green vegetables excluding peas and beans (b)												
Carrots (b)	6	0.4		1.5	6	0.1	0.01	0.01	0.2	3	13	
Beans, canned	15	1.1		2.4	13	0.2	0.01	0.01	0.2	1	511	
Peas, frozen	7	0.7		0.9	10	0.3	0.01	0.01	0.3	2	11	
Tomatoes, including canned (b)					4	0.2	0.04	0.01	0.4	2	7	
Oranges (b)				1.3	7	0.1	0.01	0.01	0.1	3	13	
Fresh fruit, excluding citrus (b)				1.4		...	0.02			8		
Fruit juices	14			3.8		...	...			1		
Bread, white (standard loaves)	50	1.7	0.3	10.9	21	0.3	0.04		0.5			
Bread, brown and wholemeal	39	1.5	0.3	7.9	12	0.4	0.04	0.01	0.4			
Biscuits	35	0.5	1.6	5.0	8	0.1	0.01	0.01	0.1			
Breakfast cereals	31	0.9		6.9	3	0.5	0.07	0.09	0.9			0.09
Soups, canned	9	0.2	0.4	1.1	4	0.1	...	0.01	0.1	...	7	
Ice-cream	12	0.2	0.6	1.6	9			0.01				

(a) Values corresponding to indices below 50 have been omitted (see Table 43).

TABLE 43
Indices of nutritional value for money of selected foods, national averages, 1981 (a)

	Energy	Protein	Fat	Carbohydrate	Calcium	Iron	Thiamin	Riboflavin	Nicotinic acid equivalent	Vitamin C	Retinol equivalent	Vitamin D
All foods	100	100	100	100	100	100	100	100	100	100	100	100
Liquid milk (b)	104	159	132	61	441		110	355	103	61	88	
Cheese	82	162	145		369			117	95		114	38
Beef and veal	35	93	54			68		43	99			
Mutton and lamb	56	90	106			49		41	107			
Pork	61	101	112			33	150	42	112			
Liver	58	217	65			828	126	1273	485	136	8748	198
Bacon and ham, uncooked	67	77	136			38	103	36	77			
Bacon and ham, cooked	38	113	56			40	135	30	92			
Poultry, uncooked	35	147	37			61		47	183			
Sausages, uncooked	116	108	209	31	37	87		51	167			
Fat fish, including canned or bottled fish (b)	37	115	52		72	71		45	140			1538
White fish, including frozen (b)		109				31			91			565
Frozen convenience fish products	36	90			55	180	64	243	64		406	165
Eggs (b)	64	165	101						124		101	3767
Butter	220		522									
Margarine	468		1111									
Sugar	496			1105								
Potatoes, old (b)	238	163		481	62	280	468	125	366	804		
Potatoes, new (b)	143	116		278	35	260	306	89	247	1046		
Fresh green vegetables, excluding peas and beans (b)		69			75	115	83	88	61	506	106	
Carrots (b)	32	33		63	158	174	131	83	75	158	4245	
Beans, canned	74	176		99	114	323	142	67	121	317	88	
Peas, frozen	35	116		39	49	161	348	77	152	54	54	
Tomatoes, including canned (b)						76	79	31	44	511	109	
Oranges (b)				57	79	46	151			1491		
Fresh fruit, excluding citrus (b)				60		47	45			281		
Fruit juices	71			159		89	84			2508		

TABLE 43—continued

	Energy	Protein	Fat	Carbohydrate	Calcium	Iron	Thiamin	Riboflavin	Nicotinic acid equivalent	Vitamin C	Retinol equivalent	Vitamin D
Bread, white (standard loaves)	254	257	32	461	247	284	395		179			
Bread, brown and wholemeal	196	235	36	334	141	392	386	46	144			
Biscuits	175	75	169	211	91	138	134	83	50			
Breakfast cereals	159	137		291	37	545	720	562	330			
Soups, canned	44	39	47	44	44	101	36	40	43	59	57	346
Ice-cream	62	37	61	66	105			64				

(a) Values below 30 have been omitted.

(b) These foods show seasonal variation in nutritional value or price.

IV Appendices

APPENDIX A**Structure of the Survey**

1 The National Food Survey is a continuous sampling enquiry into the domestic food consumption and expenditure of private households in Great Britain. Each household which participates does so voluntarily, and without payment, for one week only. By regularly changing the households surveyed, information is obtained continuously throughout the year apart from a short break at Christmas and during General Election periods.

Information provided by households

2 Each household is provided with a specially designed log-book containing two pages for each day of the Survey week. On the first page, the housewife (the person, male or female, principally responsible for domestic arrangements) records, with guidance from the interviewer, the description, quantity and—for purchases—the cost of food intended for human consumption that enters the household during the week it participates in the Survey. Food obtained from an employer, free of payment, is also recorded when it enters the household, but free food from a garden or allotment or from a farm or other business owned by a household member is recorded only at the time it is used. To avoid double counting, gifts of food received from another household in Great Britain are *not* recorded if they have been purchased by the donating household. Ice-cream, fish and chips and other take-away meals are only included if they were brought home to eat. In addition to meals out, also excluded are certain items which individual family members often buy for themselves, such as chocolates, sugar confectionery, soft drinks¹.

3 On the second of the pair of log-book pages for each day are entered details of the persons present at each meal and of the types of food served, so that it is possible over the week to make an approximate check between the meals provided and the food entering the home. Also recorded are particulars of the number and nature (whether lunch, dinner etc) of meals obtained and consumed outside the home by each member of the family². No information is collected about the cost or composition of such meals; exceptionally, however, the quantity of school milk consumed by children is recorded. Finally, on a separate questionnaire, details are entered of the characteristics of the household and of its members. The households' identities are, however, strictly confidential. They are known only to those involved with either selecting the survey sample or carrying out the fieldwork. They are not even divulged to those responsible for analysing and reporting the results.

4 As the Survey records only the quantities of food entering the household and not the amounts actually consumed, it cannot provide meaningful frequency distributions of households classified according to levels of food consumption or nutrition. However, averaged over sufficient households, the average quantities recorded should equate with consumption (in the widest sense, including waste food discarded or fed to pets) provided purchasing

¹ Since 1975, particulars have been obtained of soft drinks bought for the household supply. Details are given in Table 32 of the present Report but are excluded from all other tables and estimates.

² This information is used in the nutritional calculations—see paragraph 15 below.

habits are not upset and that there is no general accumulation or depletion of larger stocks (see "Food obtained for consumption" in Glossary).

The sample

5 The National Food Survey sample is selected by means of a three-stage stratified random sampling scheme. The sampling frame covers the whole of Great Britain. The first stage involves the selection of 44 Parliamentary constituencies; the second, the selection of polling districts (or combinations thereof) within the chosen constituencies; and the third and final stage, the selection of addresses within these polling districts. The re-organisation of Local Government areas in 1974 (1975 in Scotland) caused certain of the new regional boundaries to pass through constituencies, and in the eleven such cases the part-constituency in each region is combined *for sampling purposes* with a contiguous constituency within the same region to produce a "combined constituency", the whole of which is then treated as a first-stage sampling unit.

6 *First stage.* The Parliamentary constituencies in the sampling frame are ordered into 44 strata, stratification being according to two factors—(i) current standard region, and (ii) electoral density. For this purpose a list of constituencies is prepared for each region, the listing being in descending order of electoral density and showing numbers of electors in each constituency together with cumulative totals. One constituency is then selected from each of the 44 strata. The number of constituencies to be selected from each region is calculated on the basis of the percentage of the *total* (G.B.) electorate represented by that region. The lists for each region are then divided into as many approximately equal-size groups of electorate as the number of constituencies to be selected, and one constituency is selected randomly from each group with probability proportional to the size of the electorate. If a constituency is chosen which has been included in the Survey sample in either of the two preceding years, it is discarded and replaced by another selected at random from the same stratum.

7 *Second stage.* The second-stage units are polling districts or, where the electorate is below 350, combinations of polling districts. To facilitate selection of these secondary units, the polling districts (or combinations of polling districts) within each of the selected 44 constituencies are listed in descending order of the electoral density of the wards in which they are situated; the lists are then each divided into four groups, each group having an approximately equal size of electorate. Four secondary units at a time are selected from each constituency, one being selected from each of the four groups with a probability of selection proportional to the size of the electorate. This process is repeated as necessary, to provide further samples of blocks of four secondary units to be used later in the year (see paragraph 9 below).

8 *Third stage.* The design of the sample requires that a uniform overall sampling fraction should be applied and, as the preceding stages are drawn with probability proportional to size, this necessitates the selection of a constant number of addresses at the final stage. To meet this requirement, 20 addresses are drawn from the electoral register of each polling district (or combination of small districts) by interval sampling from a random origin. If, by chance, a polling district is selected for use more than once during the year, the

whole sample of addresses from that polling district is drawn simultaneously and then sub-sampled to provide the samples for the separate periods.

9 The fieldwork is organised so as to obtain information throughout the year. For this purpose the year, excluding Christmas, is divided into 17 intervals, each of 21 days. For each interval, two of the selected polling districts are used; one is used in the first part of the interval and another from the same constituency for the second part. In the first polling district the interviewers attempt to place log-books with the pre-selected households during the three days Monday to Wednesday. During the following three days the interviewers make further calls to check that the records are being properly maintained and to deal with any queries. The completed records are collected by the interviewers after a period of seven days. Fieldwork in the second polling district begins in the middle of the 21 days, and the interviewers attempt to place log-books on Wednesday afternoon and during the three days Thursday to Saturday. Again, checking calls are made and the completed records collected after seven days of recording. This cycle of operations is repeated throughout the year and in order to facilitate it the 44 constituencies are divided into two sets of 22. These two sets are used alternately, so that in one 21-day interval, one set of 22 constituencies is used covering 44 polling districts. In the next interval the other set of 22 constituencies is used, covering a further 44 polling districts made up of the second pairs of each of the blocks of four selected as described in paragraph 7 above; and so on for the next 14 intervals throughout the year. In the 17th and final interval (or, alternatively in some years, the first interval) one set of constituencies is used for the first part of the interval and the other set for the second part; this procedure ensures that use of both sets of constituencies are completely balanced, each set being used for a total of $8\frac{1}{2}$ intervals.

10 The 44 Parliamentary constituencies selected for survey in 1981 are listed in Table 1 of this Appendix. At the second stage of sampling, 748 polling districts were selected *initially*, and at the third stage, 14,960 addresses. When visited, a few of these addresses were found to be those of institutions or other establishments not eligible for inclusion in the Survey, or of unoccupied or demolished premises; some other addresses were each found to contain more than one household. After allowing for these factors, the estimated effective number of households in the selected sample was 14,440. For operational reasons, 220 of these households were excluded from the sample¹ (100 because of inaccessibility during a period of snow and bad weather at the end of the year). In some of the remaining households, the housewife was seen but refused to give any information; a number of other housewives answered a questionnaire² but declined to keep a week's record, whilst some who undertook to keep a record did not in fact complete it. Finally a few records were rejected at the editing stage leaving an effective sample of 7,695 households, representing 53 per cent of the selected sample but 64 per cent of the households contacted³.

¹ Before 1981, such households were *not* regarded in the National Food Survey as being part of the effective selected sample. Their subsequent inclusion—equivalent to a reduction in the response rate of the order of 1 per cent—is to conform with the convention now followed in most other surveys.

² The questionnaire relates to family composition, occupation, etc.

³ Using the 1971 Census of Population, a study has been made of the characteristics of non-respondents to the 1971 National Food Survey—see W F F Kemsley, *Statistical News No 35*, Nov 1976. A similar study is planned in respect of 1981.

Details are as follows:—

	Households	Per cent	
		households selected	households contacted
Number of households at the addresses selected in the sample	14,440	100	
Number omitted from the sample for operational reasons	220	2	
Number visited, but no contact made with the housewife	2,212	15	
(Number of households where housewife contacted)	(12,008)		(100)
Housewife seen, but refused to give any information	1,872	13	16
Housewife answered a questionnaire but declined to keep a week's record	1,234	9	10
Housewife started to keep a record but did not complete it	1,069	7	9
Completed records rejected at editing stage	138	1	1
Number of responding households	7,695	53	64

Main analyses of Survey data

11 The Survey data of food purchases, consumption, expenditure and prices are normally tabulated for each of over 150¹ categories of foods; details of the classification are given in Table 7 of this Appendix. Apart from the results for the sample as a whole (referred to in the Report as "national averages", "overall averages", or the results for "all households") the regular analyses are now seven in number:—

- (i) By region. Results are given for England, Wales and Scotland and also for each of the standard regions of England, except that East Anglia is not treated separately but is combined with the South East region.
- (ii) By type of area. Six types of area are distinguished, viz (i) Greater London, (ii) the Metropolitan districts of England together with the Central Clydeside conurbation, (iii) – (vi) four groups of areas classified according to electoral density. Further details are given in the Glossary.
- (iii) By income group, which for Survey purposes is defined in terms of the gross weekly income of the head of the household. Details are given in paragraph 22 of the Report.
- (iv) By household composition. The classification is as in Tables 16 to 18 and 37 of the Report. A cross-classification of certain household composition groups according to income group is shown in Tables 19, 20 and 38. For the purpose of classifying households according to their composition, heads of household and housewives under 18 years of age are regarded as adults since they have the responsibilities of adults. However, for all other purposes such persons are classified according to their true age.

¹ In some years, more detailed supplementary analyses are available for certain categories. For those used in 1981 see the supplementary classification of foods in Table 7a of this Appendix.

- (v) By age of housewife. Seven age ranges are used as in Tables 21 to 23 and 39 of the Report.
- (vi) By housing tenure. Six categories are used as in Tables 24 to 26 and 40 of the Report.
- (vii) By ownership of deep-freezers. Two categories are used as in Tables 27 to 29 and 41 of the Report.

Details of the composition of these sub-samples and of the whole sample in 1981 are given in Tables 2 to 5 of this Appendix.

Nutritional analysis of Survey results

12 The energy value and nutrient content of the food obtained for consumption in the home¹ are evaluated using tables of food composition which are specially compiled for application to the Survey. These nutrient conversion factors are mainly based on values given in *The Composition of Foods*² but are thoroughly reviewed each year for two reasons. Firstly, when new methods of production and handling are known to have resulted in different nutrient values, or more complete information has become available, this is reflected in the representative values used; and secondly, because the Survey classification of foods is normally limited to some 150 categories, nutrient analyses for many of them must be weighted according to current information on the amounts of the component items obtained—for example, for the many products classified together as “breakfast cereals”. The factors used make allowance for inedible material such as bones in meat and outer leaves or skins of vegetables and, for certain foods such as potatoes and carrots, adjustments are also made for seasonal changes in this wastage and/or nutrient content. The factors further allow for the expected losses of thiamin and vitamin C during cooking; average thiamin retention factors are applied to appropriate items within each major food group; the weighted average loss over the *whole* diet has been calculated to be about 20 per cent while the losses of vitamin C are set at 75 per cent for green vegetables and 50 per cent for other vegetables. No allowance is, however, made for wastage of *edible* food, except when the adequacy of the diet is being assessed in comparison with recommended intakes (paragraph 14 below); then, the assumption is made that in each type of household 10 per cent of all foods, and hence of all nutrients available for consumption, is either lost through wastage or spoilage in the kitchen or on the plate, or fed to domestic pets³.

13 The energy content of the food is calculated from the protein, fat, and available carbohydrate (expressed as monosaccharide) contents using the conversion factors, 4, 9 and 3.75 kcal per gram respectively. It is expressed both in kilocalories and megajoules (1,000 kcal = 4.184 MJ). Nicotinic acid is expressed both as free nicotinic acid and as nicotinic acid equivalents; the

¹ See paragraph 2 of this Appendix and “Food obtained for Consumption” in Glossary.

² A A Paul and D A T Southgate, *McCance and Widdowson's The Composition of Foods*, 4th edition, Ministry of Agriculture, Fisheries and Food and Medical Research Council, HMSO, 1978.

³ Enquiries into the amounts of potentially edible food which are thrown away or fed to pets in Great Britain indicate that, on average, such recorded wastage represented about 6 per cent of households' food supplies. (R W Wenlock, D H Buss, B J Derry and E J Dixon, *British Journal of Nutrition* 43, 53–70, 1980). As this is considered likely to be a minimum estimate, the conventional deduction of 10 per cent has been retained in this Report to preserve continuity.

latter value includes one-sixtieth of the tryptophan content of the protein in the food. Vitamin A activity is expressed as micrograms of retinol equivalent, ie the sum of the weights of retinol and one-sixth of the β -carotene. Fatty acids are grouped according to the number of double bonds present, ie into saturated, monounsaturated and polyunsaturated fatty acids. For the diet as a whole, the total fatty acids constitute about 95 per cent of the weight of the fat; for individual foods this proportion varies slightly, being lower for dairy fats with their greater content of short chain acids, and slightly higher for most other foods.

14 The results are tabulated in three main ways for each category of household in the Survey.

(a) *Per person.* This presentation is directly comparable to the per person presentation in Section II (paragraphs 3 to 32) of the amounts of food obtained, but it has some drawbacks. It does not show the actual nutrient intakes of the sampled households because on the one hand it excludes meals outside the home and certain foods likely to be outside the housewives' purview (paragraph 2 of this Appendix), and on the other it makes no allowance for the wastage of *edible* food within the home. Furthermore, estimates of, for example, the average energy intake per person in households with several small children are invariably less than the corresponding estimates for wholly adult households, but this does not of itself indicate that they are less well nourished as the children have a smaller absolute need for energy.

(b) *As a proportion of intakes recommended by DHSS.*¹ Some of the above drawbacks are overcome in this presentation, in which intakes are compared with household needs after the age, sex, and occupational activity of each member have been taken into account. Allowance is also made for meals eaten outside the home and for the presence of visitors by redefining, in effect, the number of people consuming the household food (and not by adding or subtracting estimates of the nutrient content of the meals in question). Moreover, for these comparisons the estimated energy and nutrient content are reduced throughout by 10 per cent to allow for wastage of edible food².

(c) *Per 1,000 kcal.* This presentation gives an indication of the nutritional quality of the food obtained; so also, to some extent, do the tables of the proportions of energy derived from protein, fat and carbohydrate and of the proportion of total protein derived from animal sources.

15 The procedure adopted for comparing the nutritional value of the household food with estimates of nutritional need is based on the number of persons present at each meal, with the different meals being weighted as follows:

¹ Department of Health and Social Security, *Recommended Daily Amounts of Food Energy and Nutrients for Groups of People in the United Kingdom*—Reports on Health and Social Subjects No 15, HMSO, 1979. These recommendations have been adapted for use in the National Food Survey; see Table 6 of this Appendix.

² See footnote 3 to paragraph 12 above.

	Per day	Per week
Breakfast . . . . .	.03	.21
Dinner . . . . .	.04	.28
Tea . . . . .	.02 } (a)	.14 } (a)
Supper . . . . .	.05 } (a)	.35 } (a)
TOTAL . . . . .	.14	.98 (say 1.00)

(a) These weights are interchangeable, whichever meal is the larger; if only one evening meal is taken the two weights are combined.

A person eating every meal at home (including packed meals such as sandwiches which are made from the household food supply) is said to have a 'net balance' of 1.00. When meals are eaten away from home, deductions are made for each person, and additions for each visitor, using the values in the Table. For each type of household, the total net balance for each category of person is multiplied by the appropriate nutrient intake from Table 6 in this Appendix, the products are summed over all categories, and then (in practice) divided by the total number of persons in that household type to give the average recommended intakes per person. The estimated nutritional value per person of the food obtained, less 10 per cent, is then expressed as a percentage of this recommended intake. Thus it is assumed that a meal eaten outside the home is nutritionally equivalent to the corresponding meal eaten within the household, and it can be said that the nutritional value of food obtained from consumption at home is being related only to the needs of household members when they eat at home. The remainder of their needs is assumed to be met elsewhere.

Reliability of Survey results

16 The results obtained from the Survey are subject to chance variations as are all estimates from sampling investigations, but this "sampling error" will not normally be more than two, and very rarely more than three times, the corresponding standard error. Estimates of the standard errors are not calculated each year since they do not usually change markedly from one year to the next. The following index shows the Annual Reports in which appeared *percentage* standard errors¹ approximately applicable to the averages presented in certain tables of the present Report.

¹The standard error of the mean expressed as a percentage of that mean.

Table in this Report	Year of Report, Tables and pages in which estimates of percentage standard errors ¹ were presented
Table 7. "All households" averages of consumption of individual foods	1981, Table 8 in Appendix A
Table 8. "All households" averages of expenditure on individual foods	1981, Table 8 in Appendix A
Table 9. "All households" averages of prices paid for individual foods	1981, Table 8 in Appendix A
Table 14. Income group averages of consumption, main food groups	1981, Table 9 in Appendix A
Table 15. Income group averages of expenditure on main food groups	1981, Table 10 in Appendix A
Table 17. Household composition group averages of consumption, main food groups	1977, Table 13 in Appendix A, pp 147 - 148
Table 18. Household composition group averages of expenditure on main food groups	1977, Table 14 in Appendix A, pp 149 - 150
Table 22. Age of housewife and "all households" group averages of consumption, main food groups	1979, Table 9 in Appendix A, pp 166 - 167
Table 23. Age of housewife and "all households" group averages of expenditure on main food groups	1979, Table 10 in Appendix A, pp 168 - 169
Table 28. Freezer-owning and other households, averages of consumption of main food groups	1981, Table 11 in Appendix A
Table 29. Freezer-owning and other households, expenditure on main food groups	1981, Table 11 in Appendix A
Table 33. "All households" nutrient averages	1977, Table 15 in Appendix A, p 151
Table 35. Regions and types of area, nutrient averages	1977, Table 16 in Appendix A, p 152
Table 36. Income groups, nutrient averages	1977, Table 17 in Appendix A, p 153
Table 37. Household composition groups, nutrient averages	1977, Table 18 in Appendix A, p 154
Table 38. Household composition groups within income groups, nutrient averages	1977, Table 19 in Appendix A, pp 155 - 156
Table 41. Freezer-owning and other households, nutrient averages	1977, Table 20 in Appendix A, p 157

¹ The standard error of the mean expressed as a percentage of that mean.

TABLE 1

Constituencies surveyed in 1981

Region (a)	Definition of region (a)	Parliamentary constituencies (b) selected in the sample of 1981
England: North	Cleveland, Cumbria, Durham, Northumberland, Tyne and Wear	†Newcastle upon Tyne East Teesside, Stockton Berwick upon Tweed
Yorkshire and Humberside	Humberside, North Yorkshire, South Yorkshire, West Yorkshire	†Leeds South Brigg and Scunthorpe †Sheffield, Attercliffe †Rother Valley
North West	Cheshire, Lancashire, Greater Manchester, Merseyside	†Oldham West †Huyton †Liverpool, Edgehill Crewe †Knutsford
East Midlands	Derbyshire, Leicestershire, Lincolnshire, Northamptonshire, Nottinghamshire	Nottingham East Belper Bolsover
West Midlands	Hereford and Worcester, Salop, Staffordshire, Warwickshire, West Midlands	†Birmingham, Ladywood Bromsgrove and Redditch †Coventry South West †Stratford upon Avon
South West	Avon, Cornwall and the Isles of Scilly, Devon, Dorset, Gloucestershire, Somerset, Wiltshire	Weston super Mare Cirencester and Tewkesbury Bristol West Westbury
South East	Greater London, Bedfordshire, Berkshire, Buckinghamshire, East Sussex, Essex, Hampshire, Hertfordshire, Isle of Wight, Kent, Oxfordshire, Surrey, West Sussex	†Kensington and Chelsea †Barking †Ealing North †Wandsworth, Battersea South †Haringey, Hornsey †Enfield North Southampton, Itchen Basildon North West Surrey East Surrey Banbury Havant and Waterloo Guildford East Grinstead
East Anglia	Cambridgeshire, Norfolk, Suffolk	Norwich North
Wales	The whole of Wales	Anglesey Newport
Scotland	The whole of Scotland	†Glasgow, Shettleston Midlothian Edinburgh West Kinross and West Perthshire

(a) These are the standard regions as revised with effect from 1st April 1974.

(b) Constituencies marked † are wholly or partly within Greater London, the Metropolitan districts, or the Central Clydeside conurbation.

TABLE 2

Composition of the sample of responding households, 1981

	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Year
GREATER LONDON					
Households	247	227	260	262	996
Persons	675	597	637	646	2,555
Persons per household	2.73	2.63	2.45	2.47	2.57
METROPOLITAN DISTRICTS AND THE CENTRAL CLYDESDIE CONURBATION					
Households	505	434	421	371	1,730
Persons	1,420	1,311	1,231	1,096	5,058
Persons per household	2.81	3.02	2.92	2.95	2.92
NON-METROPOLITAN DISTRICTS WARDS WITH ELECTORATE PER ACRE OF—					
7 OR MORE					
Households	414	383	424	358	1,579
Persons	1,163	1,079	1,171	969	4,382
Persons per household	2.81	2.82	2.76	2.71	2.78
3 BUT LESS THAN 7					
Households	276	215	266	252	1,009
Persons	820	639	765	723	2,947
Persons per household	2.97	2.97	2.88	2.87	2.92
0.5 BUT LESS THAN 3					
Households	328	329	290	265	1,212
Persons	945	1,003	873	742	3,563
Persons per household	2.88	3.05	3.01	2.80	2.94
LESS THAN 0.5					
Households	327	281	319	242	1,169
Persons	933	766	897	661	3,257
Persons per household	2.85	2.73	2.81	2.73	2.79
ALL HOUSEHOLDS					
Households	2,097	1,869	1,980	1,750	7,696
Persons	5,956	5,395	5,574	4,837	21,762
Persons per household	2.84	2.89	2.82	2.76	2.83

TABLE 3

Composition of the sample of responding households: 1981

	Households		Persons		Average number of persons per household	% of households owning a:	
	Number	%	Number	%		deep-freezer	refrigerator
All households	7,696	100	21,762	100	2.83	49	96
<i>Analysis by regions</i>							
Scotland	637	8.3	1,880	8.6	2.95	41	96
Wales	378	4.9	1,093	5.0	2.89	50	93
England	6,681	86.8	18,789	86.3	2.81	50	96
North	540	7.0	1,519	7.0	2.81	35	94
Yorkshire and Humberside	781	10.1	2,267	10.4	2.90	44	94
North West	771	10.0	2,297	10.6	2.98	37	95
East Midlands	504	6.5	1,386	6.4	2.75	42	95
West Midlands	678	8.8	1,986	9.1	2.93	45	94
South West	759	9.9	1,975	9.1	2.60	57	97
South East (a)/East Anglia	2,648	34.4	7,359	33.8	2.78	59	98
<i>Analysis by type of area</i>							
Greater London	996	12.9	2,555	11.7	2.57	52	98
Metropolitan districts and the Central Clydeside conurbation	1,731	22.5	5,058	23.2	2.92	33	94
Non-metropolitan districts							
Wards with electorate per acre of—							
7 or more	1,579	20.5	4,382	20.1	2.78	47	96
3 but less than 7	1,009	13.1	2,947	13.5	2.92	57	98
0.5 but less than 3	1,212	15.7	3,563	16.4	2.94	58	97
less than 0.5	1,169	15.2	3,257	15.0	2.79	59	95
<i>Analysis by income group (b)</i>							
A1	123	1.6	435	2.0	3.54	85	100
A2	498	6.5	1,736	8.0	3.49	79	99
B	1,782	23.2	5,943	27.3	3.34	68	99
C	2,425	31.5	7,743	35.6	3.19	52	98
D	856	11.1	2,583	11.9	3.02	35	96
E1	262	3.4	477	2.2	1.82	53	97
E2	699	9.1	1,320	6.1	1.89	29	93
OAP	1,051	13.7	1,525	7.0	1.45	17	87
<i>Analysis by household composition (c)</i>							
No of adults			No of children				
1	1,439	18.7	1,439	6.6	1.00	18	88
2	197	2.6	550	2.5	2.79	30	96
3	2,307	30.0	4,614	21.2	2.00	49	97
4	758	9.8	2,274	10.4	3.00	60	99
5	1,137	14.8	4,548	20.9	4.00	65	100
6	400	5.2	2,000	9.2	5.00	62	100
7	128	1.7	821	3.8	6.41	57	95
8	533	6.9	1,599	7.3	3.00	59	98
9 or more	488	6.3	2,320	10.7	4.75	67	98
10 or more	106	1.4	738	3.4	6.96	53	97
11 or more	203	2.6	859	3.9	4.23	59	99
<i>Analysis by age of housewife</i>							
Under 25 years	556	7.2	1,430	6.6	2.57	32	95
25-34	1,653	21.5	5,717	26.3	3.46	56	98
35-44	1,445	18.8	5,688	26.1	3.94	66	98
45-54	1,166	15.2	3,637	16.7	3.12	62	98
55-64	1,260	16.4	2,746	12.6	2.18	50	97
65-74	1,061	13.8	1,768	8.1	1.67	28	93
75 and over	555	7.2	776	3.6	1.40	14	84
<i>Analysis by housing tenure</i>							
Unfurnished: council	2,399	31.2	6,804	31.3	2.84	34	95
Other rented	699	9.1	1,635	7.5	2.34	30	92
Furnished, rented	179	2.3	330	1.5	1.84	16	88
Rent free	135	1.8	369	1.7	2.73	61	93
Owned outright	1,842	23.9	4,339	19.9	2.36	53	97
Owned with mortgage	2,442	31.7	8,285	38.1	3.39	68	99
<i>Analysis by ownership of deep-freezer</i>							
Owning a deep-freezer	3,778	49.1	12,057	55.4	3.19	100	100
Not owning a deep-freezer	3,918	50.9	9,705	44.6	2.48	—	93

(a) Including Greater London, for which separate details are shown in the analysis to the type of area.

(b) For definition of income groups, see paragraph 22 in the Report.

(c) See "Adult" and "Child" in the Glossary.

TABLE 4

Average number of persons per household in the sample of responding households: 1981

	Adult males aged:		Adult females aged:		Children aged:		
	18-64 years	65 years and over	18-59 years	60 years and over	0-4 years	5-11 years	12-17 years
All households	0.81	0.15	0.78	0.27	0.20	0.32	0.29
<i>Analysis by regions</i>							
Scotland	0.81	0.15	0.83	0.31	0.20	0.33	0.32
Wales	0.83	0.16	0.72	0.26	0.22	0.35	0.35
England	0.81	0.15	0.78	0.27	0.20	0.31	0.29
North	0.78	0.16	0.78	0.31	0.21	0.28	0.30
Yorkshire and Humberside	0.82	0.14	0.78	0.28	0.21	0.33	0.35
North West	0.86	0.14	0.81	0.26	0.20	0.34	0.37
East Midlands	0.80	0.17	0.76	0.27	0.20	0.33	0.23
West Midlands	0.81	0.14	0.80	0.27	0.21	0.39	0.31
South West	0.74	0.17	0.71	0.32	0.14	0.26	0.25
South East (a)/East Anglia	0.83	0.14	0.80	0.26	0.20	0.30	0.26
<i>Analysis by type of area</i>							
Greater London	0.78	0.13	0.79	0.26	0.18	0.23	0.21
Metropolitan districts and the Central Clydeside conurbation	0.81	0.14	0.80	0.29	0.20	0.33	0.35
<i>Non-metropolitan districts:</i>							
Wards with electorate per acre of—							
7 or more	0.80	0.14	0.75	0.27	0.20	0.33	0.28
3 but less than 7	0.87	0.14	0.83	0.24	0.21	0.34	0.30
0.5 but less than 3	0.86	0.15	0.80	0.26	0.22	0.35	0.30
less than 0.5	0.79	0.19	0.75	0.32	0.18	0.29	0.27
<i>Analysis by income group (b)</i>							
A1	1.15	0.02	1.02	0.09	0.23	0.52	0.51
A2	1.13	0.03	1.06	0.07	0.28	0.50	0.42
B	1.11	0.02	1.02	0.06	0.30	0.45	0.39
C	1.08	0.04	0.98	0.10	0.23	0.36	0.36
D	0.82	0.12	0.93	0.18	0.22	0.34	0.39
E1	0.17	0.51	0.24	0.77	0.02	0.08	0.03
E2	0.24	0.32	0.35	0.58	0.12	0.18	0.10
OAP	0.02	0.50	0.04	0.89	...	...	...
<i>Analysis by household composition (c)</i>							
No of adults		No of children					
1	0	1 or more	0.18	0.13	0.17	0.52	—
1	0.09	—	—	0.91	—	0.30	0.73
2	0.63	0	0.63	0.34	0.56	0.46	0.76
2	0.97	1	0.01	0.01	1.00	0.01	—
2	0.99	2	—	—	1.00	0.01	0.30
2	1.00	3	—	—	—	0.58	0.52
2	0.98	4 or more	—	—	1.00	0.01	1.04
3	1.35	0	0.98	—	1.02	—	1.66
3 or more	1.73	1 or 2	0.20	1.13	0.32	—	—
3 or more	1.73	3 or more	0.04	1.51	0.10	0.11	0.96
4 or more	1.57	0	0.04	1.68	0.11	0.65	1.66
4 or more	2.11	0	0.14	1.73	0.25	—	—
<i>Analysis by age of housewife</i>							
Under 25 years	0.93	—	0.95	—	0.58	0.08	0.04
25-34	0.92	—	0.98	0.01	0.58	0.79	0.17
35-44	1.09	0.01	1.09	0.02	0.14	0.64	0.95
45-54	1.28	0.03	1.22	0.04	0.02	0.11	0.42
55-64	0.77	0.20	0.65	0.46	0.02	0.03	0.06
65-74	0.13	0.57	0.03	0.92	—	0.01	0.01
75 and over	0.08	0.39	0.05	0.87	—	—	—
<i>Analysis by housing tenure</i>							
Unfurnished council	0.76	0.16	0.75	0.31	0.20	0.34	0.33
other rented	0.63	0.21	0.61	0.37	0.18	0.17	0.16
Furnished, rented	0.74	0.04	0.81	0.04	0.08	0.09	0.04
Rent free	0.86	0.14	0.80	0.26	0.15	0.27	0.26
Owned outright	0.64	0.29	0.56	0.50	0.06	0.13	0.17
Owned with mortgage	1.06	0.02	1.03	0.06	0.31	0.50	0.41
<i>Analysis by ownership of deep-freezer</i>							
Owning a deep-freezer	0.98	0.11	0.93	0.18	0.23	0.39	0.36
Not owning a deep-freezer	0.65	0.19	0.64	0.36	0.17	0.24	0.22

(a) Including Greater London, for which separate details are shown in the analysis according to the type of area.

(b) For definition of income groups, see paragraph 22 in the Report.

(c) See "Adult" and "Child" in the Glossary.

TABLE 5

Composition of the sample of responding households: analysis by income group and household composition, 1981

Income group (a)	Households with:						All households	
	Adults only	1 adult, 1 or more children	2 adults and					3 or more adults, 1 or more children
			1 child	2 children	3 children	4 or more children		
	Number of households							
A	239	1	87	138	61	13	82	621
B	728	16	243	440	143	34	178	1782
C	1200	36	321	427	146	52	243	2425
D & E2	1024	140	101	126	47	29	88	1555
	Number of persons							
A	552	3	261	552	305	82	416	2171
B	1585	35	729	1760	715	212	907	5943
C	2684	91	963	1708	730	337	1230	7743
D & E2	1773	409	303	504	235	190	489	3903

(a) For definition of income groups, see paragraph 22 in the Report. Households in income group E1 and pensioner households are excluded from this table and from Tables 19, 20 and 38 in the Report.

TABLE 6
Recommended intakes of nutrients (a)
(per person per day)

	Energy		Protein		Calcium	Iron	Thiamin	Ribo/flavin	Nicotinic acid equivalent	Vitamin C	Vitamin A (retinol equivalent)
	MJ	kcal	(rec-ommended intake)	(minimum requirement (b))							
Infants (under 1 year)	3-1	750	18.5	8	600	6	0.3	0.4	5	20	450
Children aged 1 year	4-8	1150	28.5	17	600	7	0.5	0.6	7	20	300
2 years	5-6	1350	33.5	21	600	7	0.6	0.7	8	20	300
3-4 years	6-4	1550	38.0	24	600	8	0.6	0.8	9	20	300
5-6 years	7-1	1710	42.5	27	600	10	0.7	0.9	10	20	300
7-8 years	8-1	1940	48.5	30	600	10	0.8	1.0	11	20	400
9-11 years	9-5	2280	57.0	35	700	12	0.9	1.2	14	25	575
12-14 years	11-0	2640	66.0	46	700	12	1.0	1.4	16	25	725
15-17 years	12-0	2880	72.0	52	600	12	1.2	1.7	19	30	750
9-11 years	8-5	2090	51.0	36	700	12	0.8	1.2	14	25	575
12-14 years	9-0	2150	53.0	44	700	12	0.9	1.4	16	25	725
15-17 years	9-0	2150	53.0	43	600	12	0.9	1.7	19	30	750
18-34 years (sedentary)	10-5	2510	63.0	49	500	10	1.0	1.6	18	30	750
18-34 years (moderately active)	12-0	2900	72.0	49	500	10	1.2	1.6	18	30	750
35-64 years (very active)	14-0	3350	84.0	49	500	10	1.3	1.6	18	30	750
35-64 years (sedentary)	10-0	2400	60.0	49	500	10	1.0	1.6	18	30	750
35-64 years (moderately active)	11-5	2750	69.0	49	500	10	1.1	1.6	18	30	750
65-74 years (very active)	14-0	3350	84.0	49	500	10	1.3	1.6	18	30	750
65-74 years	10-0	2400	60.0	48	500	10	1.0	1.6	18	30	750
75 years and over	9-0	2150	54.0	48	500	10	0.9	1.6	18	30	750
18-54 years (not pregnant)	9-0	2150	54.0	38	500	12	0.9	1.3	15	30	750
18-54 years (pregnant)	10-0	2400	60.0	49	1200	13	1.0	1.6	18	60	750
55-59 years	8-0	1900	47.0	37	500	10	0.8	1.3	15	30	750
60-74 years	8-0	1900	47.0	37	500	10	0.8	1.3	15	30	750
75 years and over	7-0	1680	42.0	37	500	10	0.7	1.3	15	30	750

(a) Based on: Department of Health and Social Security: Recommended daily amounts of food energy and nutrients for groups of people in the United Kingdom: HMSO, 1979.

(b) Derived from United Nations' estimates (see D H Buss, Human Nutrition 33, 325-328, 1979)

TABLE 7

Survey classification of foods, 1981

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
4	MILK AND CREAM: Liquid milk—full price		Includes long life
5	Liquid milk—welfare		
6	Liquid milk—school		
9	Condensed milk		Includes evaporated milk
11	Dried milk, branded		Full-cream or half-cream dried milk
12	Instant milk		
13	Yoghurt		Includes fruit yoghurt and flavoured yoghurts
14	Other milk		Buttermilk, skimmed milk (other than instant milk), goat's milk, sour milk, fresh cream desserts, etc (including dairy desserts containing cream, milk or skimmed milk solids— <i>not</i> frozen)
17	Cream		Fresh (or processed or frozen) bottled or canned, (but excluding "substitute" and "imitation" cream—see code 148)
22	CHEESE: Natural (b)		Includes all cheese, other than processed, eg. Cheddar, Cheshire, Caerphilly, Lancashire, Dutch Edam, Danish Blue, cottage cheese, cream cheese
23	Processed		Includes processed cheeses, boxed or portions, lactic cheese, cheese grills, cheese products/spreads (including those with added ham, celery, lobster etc)
31	MEAT AND MEAT PRODUCTS: Beef and veal (b)		} Any cut; fresh, chilled or frozen (but <i>not</i> frozen convenience meats—see code 88)
36	Mutton and lamb (b)		
41	Pork (b)		
46	Liver (b)		
51	Offals, other than liver		Fresh, chilled or frozen
55	Bacon and ham, uncooked (b)		eg. kidney, tongue, heart, head, sweetbread, oxtail, trotters, tripe, pig's fry, sheep's fry, cowheel; fresh, chilled or frozen
58	Bacon and ham, cooked, including canned	CO	Fresh, chilled or frozen
59	Cooked poultry (not purchased in cans)	CO	<i>Not</i> frozen
62	Corned meat	CC	Includes poultry removed from the can before sale by retailer (but <i>not</i> frozen) also "chicken" of "chicken and chips"
66	Other cooked meat (not purchased in cans)	CO	Includes all corned meat, whether purchased in cans or sliced
71	Other canned meat and canned meat products	CC	Includes meats removed from can by retailer before sale—eg. luncheon meat, pressed or cooked beef, veal, mutton, lamb, pork, veal and ham, tongue, brawn; (but <i>not</i> frozen)
73	Broiler chicken, uncooked, including frozen		Purchased in a can—eg poultry, stewed steak, luncheon meat, minced meat, meat puddings and pies, pie fillings, meat with vegetables, ready-meals, sausages (Note: corned meats, canned, are coded 62, baby foods, canned or bottled are coded 315)
77	Other poultry, uncooked, including frozen (b)		Uncooked plucked roasting fowl under 4 lb each, parts of any uncooked chicken; fresh, chilled or frozen
78	Rabbit and other meat		Uncooked chicken of 4 lb or more dressed weight or any unplucked chicken or boiling fowl; any size (or parts) of duck, goose, turkey, partridge, pheasant, grouse, pigeon etc; fresh, chilled or frozen
79	Sausages, uncooked, pork		eg. rabbit, hare, horse, goat, venison; fresh, chilled or frozen
			Includes pork sausage meat; fresh, chilled or frozen

TABLE 7—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF CO) (a)	Notes
MEAT AND MEAT PRODUCTS—continued			
80	Sausages, uncooked, beef		Includes beef sausage meat and any mixture, eg. pork/beef sausages, turkey/pork; fresh, chilled or frozen
83	Meat pies and sausage rolls, ready-to-eat	CO	Sausage rolls, "cold" meat pies (eg. pork pies, veal and ham pies) complete or in portions (but not steak pies—see code 94, and not frozen items—see code 80)
88	Frozen convenience meats or frozen convenience meat products	CF	eg. frozen—braised/roast beef slices, roast pork, beefburgers, porkburgers, steakburgers, turkey beef burgers, cheeseburgers, steaklets, ready-meals, sausage rolls, meat pies, chicken pies, cooked chicken breasts, legs, faggots (but not uncooked chops, steak, etc)
94	Other meat products (b)	CO	Meat pies (except "cold" ready-to-eat varieties—see code 83) eg. steak pies, pasties, puddings, pastes, spreads, liver sausage, cooked sausage, rissoles, hashlet, black pudding, faggots, haggis, hog's pudding, polony, scotch eggs; ready-meals, eg Chinese take-away meals containing meat, packeted meat-based meals; (not frozen)
FISH:			
100	White, filleted, fresh	S	} eg. cod, haddock, whiting, plaice, skate, sole and other flat fish, hake, conger eel, red mullet, ling, coley, saithe
105	White, unfileted, fresh	S	
110	White, uncooked, frozen		eg. frozen cod, haddock, hake, plaice, lemon sole. (includes fillets and steaks and uncooked fish coated with breadcrumbs, but not fish fingers etc—see code 127)
111	Herrings, filleted, fresh	S	Includes frozen
112	Herrings, unfileted, fresh	S	Includes frozen
113	Fat, fresh, other than herrings	S	eg. mackerel, sprats, salmon, trout, eel, roe; (includes frozen)
114	White, processed	S	ie, smoked, dried or salted, eg. haddock, cod. (includes frozen)
115	Fat, processed, filleted	S	} ie, smoked, dried or salted, eg. kippers, bloaters, soured or pickled herrings, smoked mackerel, salmon and anchovies, smoked roe; (includes frozen)
116	Fat, processed, unfileted	S	
117	Shell	S	eg. cockles, crabs, oysters, prawns, scampi, shrimps, whelks, winkles (weight without shells); fresh, prepared or frozen (but not canned or bottled—see code 120)
118	Cooked	CO	Fried fish, fried roe, fried scampi, cooked or jellied eels; (not frozen)
119	Salmon, canned	CC	
120	Other canned or bottled fish	CC	eg. sardines, pilchards, mackerel, herrings, brisling, shellfish, roe, anchovies, sid, tuna
123	Fish products, not frozen	CO	eg. fish cakes, fish pastes, ready-meals (but not "fish and chips"—see codes 118 and 197)
127	Frozen convenience fish	CF	Frozen fish fingers, fish cakes, fish pie, cod fries, cod-in-sauce or batter, "fish and chips" etc
129	EGGS	S	
FATS:			
135	Butter (b)		
138	Margarine (b)		Includes "soft" margarine and margarine containing a proportion of butter
139	Lard and compound cooking fat		Includes solid vegetable oil
143	Vegetable and salad oils		eg. corn oil, groundnut oil, "cooking" oil, olive oil
148	All other fats		eg. suet, dripping, creamed coconut, coconut butter, "imitation" cream, "substitute" cream, low fat spreads (but not "soft" margarine—see code 138)

TABLE 7—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
150	SUGAR AND PRESERVES: Sugar		Includes icing sugar (but <i>not</i> instant icing—see code 323)
151	Jams, jellies, fruit curds		
152	Marmalade		Includes jelly marmalade
153	Syrup, treacle		Includes maple syrup
154	Honey		Includes honey spreads
	VEGETABLES:		
	<i>Old potatoes:</i>		
156	January—August, not prepacked	S	} Includes all "old" potatoes purchased in the period January to August inclusive
157	January—August, prepacked	S	
	<i>New potatoes:</i>		
158	January—August, not prepacked	S	} Includes all "new" potatoes purchased in the period January to August inclusive
159	January—August, prepacked	S	
	<i>Potatoes:</i>		
160	September—December, not prepacked	S	} Includes all potatoes purchased in the period September to December inclusive
161	September—December, prepacked	S	
162	Cabbages, fresh	S	eg, red cabbage, savoy cabbage, spring cabbage, spring greens, brussels tops, kale, curly greens, savoy greens
163	Brussels sprouts, fresh	S	
164	Cauliflowers, fresh	S	Includes heading broccoli
167	Leafy salads, fresh	S	eg, lettuce, endive, watercress, mustard and cress, chicory
168	Peas, fresh	S	
169	Beans, fresh	S	eg, runner beans, broad beans, French beans
171	Other fresh green vegetables	S	eg, spinach, spinach beet, sprouting broccoli, turnip tops
172	Carrots, fresh	S	
173	Turnips and swedes, fresh	S	
174	Other root vegetables, fresh	S	eg, parsnips, beetroot, kohlrabi, artichokes, horseradish, yams (or sweet potatoes)
175	Onions, shallots, leeks, fresh	S	Includes pickling onions
176	Cucumbers, fresh	S	
177	Mushrooms, fresh	S	
178	Tomatoes, fresh	S	
183	Miscellaneous fresh vegetables	S	eg, celery, radishes, marrow, courgettes, asparagus, celeriac, sea kale, pimentoes, aubergines, corn-on-the-cob, salsify, pot herbs, pumpkin, green and red peppers, green bananas (or plaintains) capsicum, chillies
184	Tomatoes, canned or bottled	CC	
185	Peas, canned	CC	Garden, processed etc
188	Beans, canned	CC	Includes baked beans, broad beans, butter beans etc (but <i>not</i> runner beans or kidney beans—see code 191)
191	Canned vegetables, other than pulses, potatoes or tomatoes	CC	eg, carrots, beetroot (but <i>not</i> pickled beetroot—see code 327), celery, spinach, runner beans, kidney beans, mixed vegetables, canned vegetable salad, sweet corn, mushrooms, asparagus tips (baby foods, canned or bottled, are coded 315)
192	Dried pulses, other than air-dried		eg, lentils, split peas, mixed barley, peas and lentils, masoor

TABLE 7—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
	<i>VEGETABLES—continued</i>		
195	Air-dried vegetables	CO	Air-dried peas, beans, onion flakes, mixed vegetables, red and green peppers, celery, etc (AFD foods are coded 320)
196	Vegetable juices	CC	Includes tomato juice and puree
197	Chips, excluding frozen	CO	Includes chips purchased with fish
198	Instant potato	CO	
199	Canned potato	CC	
200	Crisps and other potato products, not frozen	CO	eg, crisps, chipples, mini-chips, puffs, potato scones, pies and cakes, potato salad
202	Other vegetable products	CO	eg, vegetable salad, sauerkraut, coleslaw, pea meal, pea pudding, cheese and onion pie, savoury rice, liver bread, ready meals
203	Frozen peas	CF	
204	Frozen beans	CF	All varieties
205	Frozen chips and other frozen convenience potato products	CF	Includes puffs, fries, fritters, croquettes
208	All frozen vegetables and frozen vegetable products, not specified elsewhere	CF	eg, asparagus, broccoli, carrots, brussels sprouts, cauliflower, mixed vegetables, spinach, corn-on-the-cob, sweet corn, ratatouille, bubble and squeak, avocado dip
	<i>FRUIT:</i>		
210	Oranges, fresh	S	
214	Other citrus fruit, fresh	S	eg, lemons, grapefruit, mandarins, tangerines, clementines, satsumas, limes, ortaniques, kumquat, ugli
217	Apples, fresh	S	
218	Pears, fresh	S	
221	Stone fruit, fresh	S	eg, plums, greengages, damsons, cherries, peaches, apricots, nectarines, avocado pears, mangoes, lychees
222	Grapes, fresh	S	
227	Soft fruit, fresh other than grapes	S	eg, gooseberries, raspberries, strawberries, blackberries, loganberries, mulberries, bilberries, cranberries, blackcurrants, redcurrants
228	Bananas, fresh	S	
229	Rhubarb, fresh	S	
231	Other fresh fruit	S	eg, melons, pineapples, fresh figs, pomegranates, quinces, guava, prickly pear
233	Canned peaches, pears and pineapples	CC	
236	Other canned or bottled fruit	CC	eg, fruit salad, fruit cocktail, grapefruit, mandarin oranges, apples, prunes, gooseberries, rhubarb, strawberries, plums, cherries, apricots, blackcurrants, raspberries, blackberries, loganberries, fruit desserts, includes pie fillings and mixes
240	Dried fruit and dried fruit products		eg, currants, sultanas, raisins, packeted mixed fruit, prunes, apricots, dates, peaches, figs, apples, bananas, pineapple rings, mincemeat, glacé cherries, crystallised fruit, dried fruit juice concentrate
241	Frozen fruit and frozen fruit products	CF	eg, frozen strawberries, raspberries, blackberries, blackcurrants, mandarin segments, peach halves, fruit salad, melon balls, apple slices, fruit juices (frozen fruit pies are coded 294)
245	Nuts and nut products		Nuts shelled or unshelled (weight without shells), shredded or desiccated coconut, ground almonds, peanut butter, vegetarian nut products

TABLE 7—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
248	FRUIT—continued Fruit juices	CC	eg, grapefruit, orange, pineapple, lemon, lime, black-currant, rose-hip syrup etc; (baby foods, canned or bottled, are coded 315 and dried fruit juice concentrate is coded 240)
251	CEREALS: White bread, large loaves, unsliced		} Standard loaves of 800 g
252	White bread, large loaves, sliced		
253	White bread, small loaves, unsliced		
254	White bread, small loaves, sliced		
255	Brown bread		
256	Wholewheat and wholemeal bread		Excludes wholewheat and wholemeal bread
263	Other bread		eg, non-standard white loaves, malt bread, fruit bread, Danish bread, French bread, Vienna bread, milk bread, starch-reduced bread, white or brown rolls, cobs, breadcake, French toast, barn or barm loaves
264	Flour		Including chappatti flour
267	Buns, scones and teacakes		Includes crumpets, muffins, tea-bread, barm cake, lardy cake, Scotch pancakes, girdle cakes
270	Cakes and pastries	CO	eg, fruit cakes, fancy cakes, eclairs, cream cakes, iced cakes, chocolate cakes, swiss rolls, sponge cakes, tarts, flans, shortbread, doughnuts, fruit pies, gingerbread, parkin, meringues
271	Crispbread	CO	
274	Biscuits, other than chocolate biscuits	CO	Includes cream-crackers, rusks, shortcake
277	Chocolate biscuits	CO	Includes "count" lines, eg, marshmallows and wafers
281	Oatmeal and oat products		Porridge oats (but <i>not</i> instant porridge—see code 282), oatcakes, oatmeal, oat flakes, rolled oats
282	Breakfast cereals	CO	eg, cornflakes, "instant" porridge oats
285	Canned milk puddings	CC	eg, creamed rice, sago, macaroni, tapioca, semolina, custard (made-up), dairy desserts
286	Other puddings	CO	eg, Christmas pudding, fruit puddings, sponge puddings, syrup puddings, trifle
287	Rice		Includes ground rice, flaked rice, but <i>not</i> savoury rice—see code 202, or creamed rice—see code 285
290	Cereal-based invalid foods (including "slimming" foods)	CO	
291	Infant cereal foods	CO	Includes infant rusk and cereal preparations and dried instant baby foods (baby foods, canned or bottled are coded 315)
294	Frozen convenience cereal foods	CF	eg, frozen sponges (including those with ice-cream), fruit pies, eclairs, pastry, pizza, pancakes
299	Cereal convenience foods (including canned) not specified elsewhere	CO	eg, cake and pudding mixes, cornflour, custard powder, instant puddings, canned pasta, pastry, sauce mixes, macaroni cheese, pizza, ravioli, cereal-based ready meals, instant/dessert whips, blancmange.
301	Other cereal foods		eg, pearl barley, semolina, macaroni, spaghetti, sago, tapioca
304	BEVERAGES: Tea		Includes tea bags (but <i>not</i> instant tea—see code 336)
307	Coffee, bean and ground		Includes coffee bags and sachets
308	Coffee, instant	CO	Includes accelerated freeze-dried instant coffee
309	Coffee, essence	CO	
312	Cocoa and drinking chocolate		

TABLE 7—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	
313	BEVERAGES—continued Branded food drinks		eg, malted milk
315	MISCELLANEOUS: Baby foods, canned or bottled	CC	Strained foods and junior (other infant foods are coded 11)
318	Canned soups	CC	Includes broths and canned baby food soups are coded
319	Soups, dehydrated and powdered	CO	Includes "cup-a-soup"
320	Accelerated freeze-dried foods (excluding coffee)		Excludes AFD instant coffee item of which only part is
323	Spreads and dressings		eg, salad cream, mayonnaise, sandwich spread, chocolate butter
327	Pickles and sauces		Includes chutneys and condiments (but not sauce mixes—see 328)
328	Meat and yeast extracts		eg, beef stock cubes, chicken
329	Table jelly, squares and crystals		
332	Ice-cream and mousse	CO	
333	All frozen convenience foods, not specified elsewhere	CF	Includes frozen dairy desserts
334	Salt		Includes sea salt
335	Artificial sweeteners (expenditure only)		eg, saccharine
336	Miscellaneous (expenditure only)		eg, bones, gravy salts, ground forcemeat, mustard, peppercorn flavourings and colourings, curry powders, spices, instant powder
339	Novel protein foods		eg, textured vegetable protein

(a) CC—Canned convenience foods
CF—Frozen convenience foods
CO—Other convenience foods

(b) See also the classification of supplementary codes—Table 7a of this Appendix

TABLE 7a

Survey classification of foods: supplementary codes (a), 1981

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
18	CHEESE, NATURAL Hard, Cheddar and Cheddar type		
19	Hard, Other UK varieties or foreign equivalents		eg Derby, Caerphilly, Cheshire, Dunlop, Gloucester, Lancashire, Leicestershire, Stilton, Wensleydale, Lincolnshire.
20	Hard, Edam and other continental		eg Emmental, Gorgonzola, Gouda, Gruyere, Parmesan, Roquefort, Danablu, Havarti, Samsøe, Saint Paulin, Svevia, Tilsiter, Port Salut.
21	Soft		eg Cottage cheese, Camembert, Brie, Pommul, Babybel, Bonbel, Surfin, Gervais, Demi-Sel, Mycella, cream cheese.
22	TOTAL NATURAL CHEESE (a)		Codes 18-21 above
	BEEF AND VEAL		
25	Beef: joints (including sides) on the bone		} fresh, chilled or frozen (but <i>not</i> frozen convenience meat or meat products—see code 88)
26	joints, boned		
27	steak, less expensive varieties	eg braising, stewing, chuck, "steak and kidney".	
28	steak, more expensive varieties	eg frying, grilling, fillet, rump, porter-house etc.	
29	minced		
30	Other beef and veal		
31	Total beef and veal (a)		Codes 25-30 above
	MUTTON AND LAMB		
32	Mutton		} fresh, chilled or frozen (but <i>not</i> frozen convenience meat or meat products—see code 88)
33	Lamb: joints (including sides)		
34	chops (including cutlets and fillets)		
35	Other lamb		
36	Total Mutton and Lamb (a)		Codes 32-35 above
	PORK		
37	Joints (including sides)		} fresh, chilled or frozen (but <i>not</i> frozen convenience meat or meat products—see Code 88).
38	Chops		
39	Fillets and steaks		
40	Other pork		
41	Total pork (a)		Codes 37-40 above
	LIVER		
42	Ox		
43	Lambs		Fresh, chilled or frozen
44	Pigs		
45	Other liver		Includes calves liver
46	Total liver (a)		Codes 42-45 above
	BACON AND HAM, UNCOOKED		
52	Joints (including sides and steaks cut from the joint)		} Fresh, chilled or frozen (but <i>not</i> frozen convenience meat or meat products—see Code 88)
53	Rashers, vacuum-packed		
54	Rashers, <i>not</i> vacuum-packed		
55	Total bacon and ham, uncooked (a)		Codes 52-54 above

TABLE 7a—continued

Food code no. in 1981	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
74	POULTRY, UNCOOKED (OTHER THAN BROILERS) Chicken, other than broilers		Of 4 lb or more dressed weight or any unplucked chicken or boiling fowl; fresh, chilled or frozen.
75	Turkey		Whole or parts; fresh chilled or frozen.
76	Other		eg duck, goose, partridge, pheasant, grouse, pigeon etc; fresh, chilled or frozen.
77	<i>Total other poultry uncooked, including frozen (a)</i>		<i>Codes 74-76 above</i>
89	"OTHER" MEAT PRODUCTS Delicatessen—type sausages	CO	eg, salami, polony, saveloy, garlic sausage frankfurter, liver sausage, ham sausage, pate. (<i>Not frozen</i>).
90	Pastes and spreads	CO	Including chicken (<i>Not frozen</i>).
91	Pies, pasties and puddings	CO	Including steak and kidney pies/puddings, meat and vegetable pies/puddings, cottage and shepherds pie, Cornish pasties, chicken pies, bridies. (<i>Not frozen</i> ; "ready-to-eat" pies, eg pork pies, are coded 83)
92	Ready meals	CO	eg Chinese take-away meals containing meat, packeted meat-based meals, "cooked sausages" of sausage and chips. (<i>Not frozen</i>).
93	Other meat products not classified elsewhere	CO	eg faggots, black pudding, savoury duck, Scotch eggs, haslet, kebabs, haggis, hot pot, savoury flan, Vienna steak, chicken cordon bleu, chicken kebabs, chop suey, hamburgers, beefburgers. (<i>Not frozen</i>).
94	<i>Total other meat products (a)</i>	CO	<i>Codes 89-93 above.</i>
	BUTTER		
131	New Zealand		
132	Danish		
133	UK		
134	Other butter		Includes UK butter blended with others.
135	<i>Total butter (a)</i>		<i>Codes 131-134 above.</i>
	MARGARINE		
136	Soft		
137	Other margarine		Includes margarine containing a proportion of butter.
138	<i>Total margarine (a)</i>		<i>Codes 136-137 above.</i>

(a) See also Table 7.

TABLE 8

Estimates of the standard errors of the yearly national averages of expenditure, consumption quantity and prices, 1981

	Standard errors			Percentage standard errors		
	Expenditure	Consumption quantity	Prices	Expenditure	Consumption quantity	Prices
MILK AND CREAM:						
Liquid milk	0.42	0.02	0.01	0.6	0.6	0.1
Full price	na	na	na	na	na	na
School						
<i>Total liquid milk</i>	<i>0.42</i>	<i>0.02</i>		<i>0.6</i>	<i>0.6</i>	
Condensed milk	0.10	0.01	0.21	4.8	5.0	1.1
Dried milk, branded	0.12	0.01	0.32	12.2	12.0	1.5
Instant milk	0.07	0.01	0.12	5.7	5.8	1.1
Yoghurt	0.12	...	0.32	2.8	2.9	0.6
Other milk	0.10	0.01	1.03	7.0	8.7	3.9
Cream	0.11	...	1.45	3.2	3.2	1.1
<i>Total milk and cream</i>	<i>0.49</i>	<i>0.02</i>		<i>0.6</i>	<i>0.5</i>	
CHEESE:						
Natural (b)	0.32	0.05	0.34	1.3	1.3	0.3
Processed	0.07	0.01	0.97	3.6	3.7	0.8
<i>Total cheese</i>	<i>0.33</i>	<i>0.05</i>		<i>1.3</i>	<i>1.3</i>	
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal (b)	1.28	0.17	1.00	2.2	2.4	0.7
Mutton and lamb (b)	0.84	0.16	1.33	3.2	3.8	1.3
Pork (b)	0.68	0.14	1.41	2.9	3.8	1.4
<i>Total carcase meat</i>	<i>1.89</i>	<i>0.31</i>		<i>1.7</i>	<i>2.0</i>	
Other meat and meat products						
Liver (b)	0.10	0.03	1.02	3.2	3.4	1.5
Offals, other than liver	0.08	0.02	1.72	6.5	6.5	2.9
Bacon and ham, uncooked (b)	0.43	0.07	0.62	1.6	1.6	0.6
Bacon and ham, cooked, including canned	0.20	0.02	1.15	1.9	2.1	0.8
Cooked poultry, not purchased in cans	0.13	0.02	2.96	5.7	6.6	2.1
Corned meat	0.13	0.02	0.87	2.6	2.7	0.7
Other cooked meat, not purchased in cans	0.13	0.01	2.02	3.0	2.9	1.5
Other canned meat and canned meat products	0.16	0.04	0.69	3.1	3.1	1.1
Broiler chicken, uncooked, including frozen	0.45	0.12	0.52	2.5	2.6	0.8
Other poultry, uncooked, including frozen (b)	0.45	0.12	1.12	4.5	4.9	1.7
Rabbit and other meat	0.07	0.01	2.53	14.5	13.7	3.4
Sausages, uncooked, pork	0.18	0.04	0.41	2.4	2.8	0.4
Sausages, uncooked, beef	0.17	0.04	0.45	2.6	2.7	0.7
Meat pies and sausage rolls, ready-to-eat	0.12	0.02	0.72	3.0	3.1	0.9
Frozen convenience meats or frozen convenience meat products	0.27	0.05	1.17	3.3	3.6	1.3
Other meat products (b)	0.39	0.05	1.18	2.3	2.0	1.1
<i>Total other meat and meat products</i>	<i>1.17</i>	<i>0.24</i>		<i>0.9</i>	<i>1.0</i>	
<i>Total meat and meat products</i>	<i>2.43</i>	<i>0.42</i>		<i>1.0</i>	<i>1.1</i>	
FISH:						
White, filleted, fresh	0.21	0.03	0.80	3.2	3.3	0.8
White, unfilleted, fresh	0.11	0.02	3.04	11.9	12.7	3.7
White, uncooked, frozen	0.16	0.03	1.96	4.5	5.4	1.9
Herrings, filleted, fresh	0.02	...	5.01	25.6	25.4	5.7
Herrings, unfilleted, fresh	0.02	0.01	4.17	18.3	19.1	6.5
Fat, fresh, other than herrings	0.10	0.02	5.59	10.8	9.8	5.6
White, processed	0.11	0.02	1.99	6.5	6.6	1.7
Fat, processed, filleted	0.08	0.01	4.47	8.4	8.6	4.3
Fat, processed, unfilleted	0.02	0.01	3.37	17.7	17.6	4.3
Shellfish	0.11	0.01	11.25	9.0	10.9	5.0
Cooked fish	0.22	0.03	1.34	3.2	3.2	1.0
Canned salmon	0.11	0.01	1.75	4.3	4.4	1.1
Other canned or bottled fish	0.09	0.02	1.79	3.6	3.7	2.0
Fish products, not frozen	0.06	0.01	3.24	5.0	5.1	2.6
Frozen convenience fish products	0.17	0.03	1.01	3.2	3.3	1.0
<i>Total fish</i>	<i>0.49</i>	<i>0.07</i>		<i>1.4</i>	<i>1.5</i>	
EGGS	0.22	0.04	0.02	1.1	1.1	0.3

TABLE 8—continued

	Standard errors			Percentage standard errors		
	Expenditure	Consumption quantity	Prices	Expenditure	Consumption quantity	Prices
FATS:						
Butter (b)	0.34	0.07	0.19	1.9	1.9	0.3
Margarine (b)	0.15	0.07	0.21	1.6	1.7	0.6
Lard and compound cooking fat	0.06	0.04	0.17	2.3	2.1	0.7
Vegetable and salad oils	0.10	0.05	0.82	5.6	5.6	2.0
All other fats	0.09	0.04	1.91	4.4	6.1	3.5
<i>Total fats</i>	<i>0.41</i>	<i>0.13</i>		<i>1.2</i>	<i>1.2</i>	
SUGAR AND PRESERVES:						
Sugar	0.19	0.16	0.05	1.5	1.5	0.3
Jams, jellies and fruit curds	0.07	0.03	0.33	3.1	3.0	0.8
Marmalade	0.06	0.03	0.30	3.6	3.6	0.8
Syrup, treacle	0.04	0.02	0.77	7.5	7.5	2.2
Honey	0.07	0.02	1.57	7.2	7.8	2.2
<i>Total sugar and preserves</i>	<i>0.24</i>	<i>0.18</i>		<i>1.4</i>	<i>1.3</i>	
VEGETABLES:						
Old potatoes						
January—August						
not prepacked	0.13	0.55	0.09	2.9	3.5	1.7
prepacked	0.05	0.14	0.13	5.7	6.2	2.1
New potatoes						
January—August						
not prepacked	0.14	0.23	0.11	2.7	2.7	1.1
prepacked	0.04	0.06	0.27	10.2	9.9	2.6
Potatoes						
September—December						
not prepacked	0.17	0.44	0.09	3.3	3.5	1.3
prepacked	0.07	0.14	0.12	6.1	6.3	1.5
<i>Total fresh potatoes</i>	<i>0.24</i>	<i>0.72</i>		<i>1.4</i>	<i>1.7</i>	
Cabbages, fresh	0.07	0.08	0.12	2.1	1.9	0.8
Brussels sprouts, fresh	0.05	0.06	0.34	3.1	3.2	2.1
Cauliflowers, fresh	0.07	0.07	0.20	2.5	2.4	1.1
Leafy salads, fresh	0.06	0.03	0.50	2.0	1.9	1.1
Peas, fresh	0.03	0.04	1.27	13.6	8.3	6.5
Beans, fresh	0.04	0.05	1.07	7.7	4.1	4.0
Other fresh green vegetables	0.03	0.02	2.24	11.9	7.8	6.1
<i>Total fresh green vegetables</i>	<i>0.16</i>	<i>0.15</i>		<i>1.4</i>	<i>1.3</i>	
Carrots, fresh	0.06	0.08	0.14	2.1	2.2	1.0
Turnips and swedes, fresh	0.03	0.04	0.16	3.9	3.7	1.5
Other root vegetables, fresh	0.06	0.03	0.93	6.8	4.1	3.9
Onions, shallots, leeks, fresh	0.07	0.09	0.28	2.1	2.5	1.6
Cucumbers, fresh	0.05	0.03	0.39	2.5	2.6	1.2
Mushrooms, fresh	0.08	0.02	0.90	2.7	3.0	1.1
Tomatoes, fresh	0.12	0.06	0.27	1.4	1.4	0.7
Miscellaneous fresh vegetables	0.11	0.05	0.87	4.3	3.8	2.3
<i>Total other fresh vegetables</i>	<i>0.29</i>	<i>0.19</i>		<i>1.2</i>	<i>1.2</i>	
Tomatoes, canned or bottled	0.04	0.05	0.17	2.9	3.0	1.1
Canned peas	0.07	0.05	0.14	2.2	2.2	0.7
Canned beans	0.09	0.07	0.09	1.7	1.7	0.5
Canned vegetables other than pulses, potatoes or tomatoes	0.07	0.04	0.36	3.0	2.9	1.2
Dried pulses, other than air-dried	0.08	0.04	1.56	8.8	9.2	4.4
Air-dried vegetables	0.02	...	22.42	11.2	15.1	11.0
Vegetable juices	0.03	0.01	2.05	10.1	10.3	3.8
Chips, excluding frozen	0.12	0.03	0.49	3.0	3.1	0.8
Instant potato	0.03	0.01	2.31	8.5	9.6	3.1
Canned potato	0.02	0.01	0.52	10.2	10.3	1.9
Crisps and other potato products, not frozen	0.14	0.02	1.03	2.3	2.4	0.8
Other vegetable products	0.07	0.01	1.84	4.6	4.6	2.6
Frozen peas	0.11	0.06	0.33	2.9	3.2	1.0
Frozen beans	0.06	0.03	0.61	4.8	5.3	1.6
Frozen chips and other frozen convenience potato products	0.11	0.07	0.43	4.1	4.4	1.5
All frozen vegetables and frozen vegetable products not specified elsewhere	0.11	0.05	0.71	4.5	5.0	1.8
<i>Total processed vegetables</i>	<i>0.39</i>	<i>0.20</i>		<i>1.1</i>	<i>1.2</i>	
<i>Total vegetables</i>	<i>0.66</i>	<i>0.84</i>		<i>0.7</i>	<i>1.0</i>	
FRUIT:						
Fresh						
Oranges	0.11	0.08	0.17	2.6	2.6	0.8
Other citrus fruit	0.09	0.06	0.24	3.0	3.0	1.0
Apples	0.15	0.12	0.13	1.6	1.6	0.6

TABLE 8—continued

	Standard errors			Percentage standard errors		
	Expenditure	Consumption quantity	Prices	Expenditure	Consumption quantity	Prices
FRUIT—continued						
Pears	0.06	0.04	0.26	3.7	3.6	1.1
Stone fruit	0.10	0.04	0.94	4.9	4.9	2.4
Grapes	0.09	0.03	0.91	5.6	5.4	2.1
Soft fruit, other than grapes	0.14	0.06	1.49	8.9	7.1	3.2
Bananas	0.10	0.06	0.15	1.9	2.0	0.5
Rhubarb	0.01	0.03	1.30	11.8	5.9	7.1
Other fresh fruit	0.07	0.04	1.08	6.5	7.3	3.7
Total fresh fruit	0.43	0.26		1.5	1.3	
Canned peaches, pears and pineapples	0.07	0.04	0.20	2.9	2.9	0.7
Other canned or bottled fruit	0.08	0.04	0.31	3.1	3.1	0.9
Dried fruit and dried fruit products	0.12	0.04	0.64	4.0	4.3	1.1
Frozen fruit and frozen fruit products	0.05	0.01	3.18	17.6	17.7	4.8
Nuts and nut products	0.10	0.02	1.61	4.5	4.4	1.7
Fruit juices	0.17	0.11	0.31	2.8	2.8	1.0
Total other fruit and fruit products	0.30	0.14		1.8	1.8	
Total fruit	0.58	0.32		1.3	1.2	
CEREALS:						
White bread, large loaves, unsliced	0.19	0.14	0.08	2.6	2.6	0.4
White bread, large loaves, sliced	0.27	0.22	0.05	1.5	1.5	0.2
White bread, small loaves, unsliced	0.10	0.05	0.13	3.6	3.6	0.4
White bread, small loaves, sliced	0.04	0.02	0.19	5.8	5.8	0.6
Brown bread	0.13	0.09	0.14	2.3	2.4	0.5
Wholewheat and wholemeal bread	0.12	0.08	0.14	3.8	3.9	0.6
Other bread	0.18	0.08	0.30	1.8	2.0	0.8
Total bread	0.33	0.23		0.7	0.7	
Flour	0.20	0.32	0.14	4.7	5.3	1.3
Buns, scones and teacakes	0.09	0.03	0.57	2.8	2.8	1.1
Cakes and pastries	0.26	0.05	0.51	1.9	1.8	0.6
Crispbread	0.04	0.01	1.05	4.1	4.1	1.6
Biscuits, other than chocolate biscuits	0.18	0.06	0.27	1.4	1.4	0.5
Chocolate biscuits	0.16	0.03	0.61	2.1	2.1	0.6
Oatmeal and oat products	0.05	0.03	0.71	5.4	5.5	2.4
Breakfast cereals	0.20	0.06	0.25	1.7	1.8	0.5
Canned milk puddings	0.06	0.04	0.13	3.7	3.7	0.6
Other puddings	0.06	0.01	2.31	8.5	7.1	3.3
Rice	0.11	0.08	1.13	7.6	10.1	4.0
Cereal-based invalid foods (including "slimming" foods)	0.05	...	22.69	32.1	26.6	14.5
Infant cereal foods	0.08	0.01	6.21	10.4	9.8	4.4
Frozen convenience cereal foods	0.17	0.03	1.58	4.5	4.5	1.6
Cereal convenience foods, including canned, not specified elsewhere	0.16	0.05	0.71	2.1	2.2	1.3
Other cereal foods	0.05	0.02	0.67	5.0	5.1	1.8
Total cereals	0.79	0.44		0.7	0.8	
BEVERAGES:						
Tea	0.21	0.03	0.45	1.6	1.6	0.4
Coffee, bean and ground	0.11	0.01	3.40	7.6	7.7	1.7
Coffee, instant	0.24	0.01	2.14	2.2	2.1	0.6
Coffee, essences	0.03	...	3.00	17.3	17.8	2.0
Cocoa and drinking chocolate	0.06	0.01	2.17	6.3	6.8	2.1
Branded food drinks	0.05	0.01	0.90	7.0	7.1	1.2
Total beverages	0.36	0.04		1.3	1.4	
MISCELLANEOUS:						
Baby foods, canned or bottled	0.09	0.02	1.99	12.0	11.5	3.1
Soups, canned	0.11	0.07	0.15	2.5	2.5	0.6
Soups, dehydrated and powdered	0.06	0.01	4.46	4.6	5.2	2.5
Accelerated freeze-dried foods (excluding coffee)	na	na	na	na	na	na
Spreads and dressings	0.07	0.02	0.96	4.3	4.2	1.4
Pickles and sauces	0.13	0.05	0.31	2.2	2.3	0.7
Meat and yeast extracts	0.08	0.01	3.65	3.5	4.3	2.0
Table jelly, squares and crystals	0.03	0.01	0.60	3.9	3.7	1.3
Ice-cream, mousse	0.17	0.09	0.56	3.3	3.7	1.6
All frozen convenience foods, not specified elsewhere	0.01	...	8.97	38.8	42.9	9.8
Salt	0.03	0.04	0.16	4.1	4.2	1.6
Artificial sweeteners (expenditure only)	na	na	na	na	na	na
Miscellaneous (expenditure only)	na	na	na	na	na	na
Novel protein foods	0.03	0.01	8.57	17.7	19.6	8.2
Total miscellaneous	0.36	0.15		1.3	1.6	
Total expenditure	4.36			0.6		

TABLE 8—continued

	Standard errors			Perc
	Expenditure	Consumption quantity	Prices	Expenditua
<i>Supplementary classifications (a)(c)</i>				
CHEESE:				
Natural hard:—				
Cheddar and Cheddar type	0·26	0·04	0·34	1·5
Other UK varieties or foreign equivalents	0·13	0·02	0·74	3·4
Edam and other continental	0·08	0·01	2·14	5·3
Natural soft	0·09	0·01	1·70	4·4
<i>Total natural cheese</i>	<i>0·32</i>	<i>0·05</i>	<i>0·34</i>	<i>1·3</i>
CARCASE MEAT:				
Beef:—				
joints (including sides) on the bone	0·59	0·09	5·88	39·6
joints, boned	0·75	0·09	1·92	3·8
steak, less expensive varieties	0·39	0·06	0·82	2·8
steak, more expensive varieties	0·49	0·04	2·34	3·9
minced	0·27	0·05	0·65	2·6
other, and veal	0·06	0·01	10·58	15·1
<i>Total beef and veal</i>	<i>1·28</i>	<i>0·17</i>	<i>1·00</i>	<i>2·2</i>
Mutton	0·11	0·02	3·11	22·5
Lamb:—				
joints (including sides)	0·76	0·15	1·93	4·8
chops (including cutlets and fillets)	0·28	0·04	1·13	3·3
all other	0·10	0·03	1·61	6·7
<i>Total mutton and lamb</i>	<i>0·84</i>	<i>0·16</i>	<i>1·33</i>	<i>3·2</i>
Pork:—				
joints (including sides)	0·55	0·13	2·41	6·1
chops	0·30	0·05	0·83	3·0
fillets and steaks	0·19	0·02	3·78	8·7
all other	0·13	0·03	1·32	5·8
<i>Total pork</i>	<i>0·68</i>	<i>0·14</i>	<i>1·41</i>	<i>2·9</i>
OTHER MEAT AND MEAT PRODUCTS:				
Liver:—ox	0·03	0·01	1·61	8·9
lamb's'	0·08	0·02	1·16	4·3
pigs'	0·05	0·02	1·45	6·6
other	0·02	...	11·01	22·1
<i>Total liver</i>	<i>0·10</i>	<i>0·03</i>	<i>1·02</i>	<i>3·2</i>
Bacon and ham uncooked:—				
joints (including sides and steaks cut from joints)	0·29	0·05	1·65	4·3
rashers, vacuum-packed	0·19	0·03	1·59	3·6
rashers, not vacuum-packed	0·26	0·04	0·51	1·7
<i>Total bacon and ham uncooked</i>	<i>0·43</i>	<i>0·07</i>	<i>0·62</i>	<i>1·6</i>
Poultry, uncooked, including frozen:—				
chicken other than broilers	0·33	0·10	1·07	6·4
turkey	0·29	0·07	2·26	6·7
all other	0·10	0·02	8·10	23·5
<i>Total poultry, uncooked, other than broilers</i>	<i>0·45</i>	<i>0·12</i>	<i>1·12</i>	<i>4·5</i>
Delicatessen-type sausages	0·09	0·01	1·52	4·0
Meat pastes and spreads	0·05	0·01	2·45	4·7
Meat pies, pasties and puddings	0·16	0·03	0·69	2·9
Ready meals	0·32	0·03	3·73	6·1
Other meat products, not specified elsewhere	0·11	0·02	1·48	4·0
<i>Total other meat products</i>	<i>0·39</i>	<i>0·05</i>	<i>1·18</i>	<i>2·3</i>
FATS:				
Butter:—New Zealand	0·22	0·05	0·33	4·1
Danish	0·16	0·03	0·48	5·2
UK	0·15	0·03	0·41	3·6
other	0·19	0·04	0·33	3·9
<i>Total butter</i>	<i>0·34</i>	<i>0·07</i>	<i>0·19</i>	<i>1·9</i>
Margarine:—soft	0·13	0·06	0·25	2·0
other	0·09	0·04	0·39	3·2
<i>Total margarine</i>	<i>0·15</i>	<i>0·07</i>	<i>0·21</i>	<i>1·6</i>

(a) See Tables 7 and 7a, Appendix A for further details of the classification of foods.

(b) These foods are given in greater detail, in this table under "Supplementary classifications".

(c) Supplementary data for certain foods, in greater detail than shown elsewhere in the table; main food are repeated, for ease of reference.

TABLE 9

Estimates of the percentage standard errors of average per caput food consumption for households in different income groups, 1981(a)

	Income groups (gross weekly income of head of household)													All households
	Households with 1 or more earners						Households without an earner						OAP	
	£300 and over	£210 and under £300	£210 and over	£125 and under £210	£75 and under £125	Less than £75	D	£75 or more	E1	Less than £75	E2			
	A1	A2	A11 A	B	C	D	E1	E2						
MILK AND CREAM:														
Total liquid milk	3.0	2.2	2.0	1.0	0.9	1.9	3.3	2.5	1.6	2.5	1.6	0.6		
Condensed milk	38.3	27.2	25.1	9.0	8.1	19.9	21.7	17.7	10.7	13.3	10.7	5.0		
Dried and other milk	21.5	12.6	11.0	6.2	5.9	12.5	20.4	17.3	10.6	13.3	10.6	3.5		
Cream	16.4	8.4	7.4	5.7	6.3	12.1	14.2	12.0	10.8	12.0	10.8	3.2		
Total milk and cream	3.6	2.1	1.8	1.0	0.9	1.8	3.0	2.2	1.5	2.2	1.5	0.5		
CHEESE:														
Natural	9.4	4.4	4.1	2.5	2.3	3.8	9.0	5.2	3.9	5.2	3.9	1.3		
Processed	27.7	14.0	12.7	6.9	6.1	10.8	30.5	16.2	11.9	16.2	11.9	3.7		
Total cheese	9.1	4.3	4.0	2.4	2.2	3.6	8.8	5.0	3.7	5.0	3.7	1.3		
MEAT:														
Beef and veal	19.7	7.0	7.1	3.8	3.3	4.4	11.3	5.8	16.1	5.8	16.1	2.4		
Mutton and lamb	30.5	15.3	14.2	8.6	5.5	9.6	28.3	9.0	8.4	9.0	8.4	3.8		
Pork	34.8	10.3	15.1	8.8	4.8	10.5	14.5	8.6	6.5	8.6	6.5	3.8		
Total carcase meat	21.0	6.9	7.8	4.5	2.9	4.5	13.2	4.7	8.6	4.7	8.6	2.0		
Bacon and ham, uncooked	13.4	7.7	6.8	3.2	2.5	4.8	12.8	5.6	4.2	5.6	4.2	1.6		
Poultry, uncooked	16.1	10.2	8.8	4.6	3.8	5.7	14.6	8.5	6.7	8.5	6.7	2.3		
Other meat	9.2	4.0	3.7	2.1	1.6	2.8	7.2	3.6	2.9	3.6	2.9	1.0		
Total meat	10.7	4.3	4.2	2.4	1.6	2.4	7.0	2.9	4.2	2.9	4.2	1.1		
FISH:														
Fresh	19.6	15.0	12.8	7.6	5.7	10.3	11.8	9.6	5.8	9.6	5.8	3.3		
Processed and shell	21.5	19.4	15.7	10.9	8.0	16.2	19.2	13.1	10.8	13.1	10.8	4.9		
Prepared	21.5	9.1	8.4	3.9	3.3	6.2	14.4	8.9	5.6	8.9	5.6	2.0		
Frozen	19.9	12.1	10.5	6.5	4.9	8.3	16.8	9.5	8.2	9.5	8.2	3.0		
Total fish	11.4	7.5	6.4	3.2	2.4	4.5	7.2	5.1	3.3	5.1	3.3	1.5		
EGGS (Eggs purchased)	8.2	4.1	3.7	2.1	1.9	3.2	5.7	3.7	2.8	3.7	2.8	1.1		

TABLE 9—continued

	Income groups (gross weekly income of head of household)											All households
	Households with 1 or more earners						Households without an earner					
	£210 and over		£125 and under		£75 and under		£75 or more		Less than £75			
	A1	A2	All A	B	C	D	E1	E2	OAP			
	£300 and over	£210 and under £300	£210 and over	£125 and under	£75 and under	Less than £75	£75 or more	Less than £75	OAP			
	A1	A2	All A	B	C	D	E1	E2	OAP			
FATS:	9.7	5.8	5.0	3.6	3.7	6.8	10.1	5.8	3.6			1.9
Butter	14.3	7.3	6.5	3.6	2.7	4.8	10.3	5.2	4.8			1.7
Margarine	19.9	9.8	8.8	4.4	3.2	5.8	25.8	7.4	5.5			2.1
Lard and compound cooking fat	25.9	14.0	12.4	7.5	8.0	13.0	24.2	11.6	10.6			4.2
Other fats	8.2	4.9	4.2	2.3	2.1	3.5	8.2	3.4	2.7			1.2
<i>Total Fats</i>	13.8	7.0	6.2	3.3	2.5	3.9	9.1	4.6	3.5			1.5
SUGAR AND PRESERVES:	13.7	9.1	7.9	4.5	4.4	6.9	12.2	7.8	5.7			2.3
Sugar	11.6	6.1	5.4	2.9	2.3	3.6	8.0	4.3	3.2			1.3
Honey, preserves, syrup and treacle	13.0	7.3	6.5	3.5	2.9	4.4	9.6	6.1	4.5			1.7
<i>Total sugar and preserves</i>	9.2	4.5	4.0	2.6	2.3	3.8	6.1	4.5	3.2			1.3
VEGETABLES:	7.3	3.8	3.4	2.1	2.5	3.7	6.2	4.0	3.3			1.2
Potatoes	11.8	5.1	4.9	2.4	1.7	3.1	9.2	4.5	4.5			1.2
Fresh green	6.8	3.7	3.3	1.9	1.7	2.7	5.6	3.4	2.6			1.0
Other fresh	7.9	3.8	3.5	2.4	2.4	4.3	6.7	4.7	3.4			1.3
Frozen	12.1	5.5	5.1	3.4	3.0	6.2	11.6	6.6	5.3			1.8
Other processed }	7.0	3.4	3.1	2.1	2.1	3.9	6.0	4.3	3.0			1.2
<i>Total vegetables</i>												
FRUIT:												
Fresh												
Other												
<i>Total fruit</i>												

TABLE 9—continued

	Income groups (gross weekly income of head of household)											OAP	All households	
	Households with 1 or more earners					Households without an earner								
	£300 and over	£210 and over £300	£210 and over	£125 and under £210	£75 and under £125	Less than £75	£75 or more		Less than £75					
							E1	E2	E1	E2				
A1	A2	All A	B	C	D									
CEREALS:														
Brown bread	16.7	8.2	7.3	4.8	4.4	8.3	11.1	7.5					5.8	
White bread	9.1	4.7	4.2	2.2	1.5	2.8	8.0	4.1					3.1	
Wholewheat and wholemeal bread	22.5	10.3	10.2	7.5	7.3	13.1	15.6	13.0					11.6	
Other bread	12.3	6.6	5.8	4.0	3.4	7.0	12.6	7.1					6.2	
<i>Total bread</i>	6.1	2.9	2.6	1.4	1.2	2.1	4.4	2.5					1.9	
Flour	18.9	18.0	14.6	8.6	11.0	14.0	12.1	14.8					6.7	
Cakes	12.7	6.7	6.0	3.3	3.0	5.7	11.0	6.9					5.4	
Biscuits	9.1	4.7	4.2	2.2	2.1	3.7	8.1	4.6					3.6	
Oatmeal and oat products	36.2	20.3	18.2	12.8	10.3	16.0	24.7	16.0					14.2	
Breakfast cereals	13.1	6.4	5.8	3.2	3.1	5.5	11.9	6.4					6.6	
Other cereals	12.4	6.5	5.8	3.4	4.4	5.1	11.8	6.6					5.8	
<i>Total cereals</i>	5.1	3.0	2.6	1.3	1.5	2.0	3.8	2.5					1.7	
BEVERAGES:														
Tea	15.5	7.7	7.0	4.1	2.6	3.9	8.8	5.4					3.3	
Coffee	15.5	7.6	7.0	4.3	3.7	6.1	12.9	8.4					7.7	
Cocoa and drinking chocolate	41.0	20.5	20.6	14.0	11.0	17.9	47.2	23.5					22.7	
Branded food drinks	42.9	26.4	22.9	15.1	13.7	21.9	29.1	28.6					14.7	
<i>Total beverages</i>	13.5	6.0	5.7	3.1	2.2	3.6	7.8	4.9					3.3	

(a) See Appendix A, Table 7 for definitions of the food groups.

TABLE 10
*Estimates of the percentage standard errors of average per caput food expenditure
 for households in different income groups, 1981(a)*

	Income groups (gross weekly income of head of household)												All households				
	Households with 1 or more earners						Households without an earner										
	£300 and over		£210 and over		£125 and under £210		£75 and under £125		Less than £75		£75 or more			Less than £75			
	A1	A2	All A	B	C	D	E1	E2	OAP								
MILK AND CREAM																	
Total liquid milk	4.0	2.3	2.0	1.0	1.0	1.9	1.0	1.0	1.9	3.4	2.5	1.7	0.6				
Condensed milk	36.2	19.4	17.9	8.8	8.5	8.8	8.5	19.5	19.5	20.6	16.7	10.0	4.8				
Dried and other milk	16.5	9.2	8.1	4.7	4.6	4.7	4.6	10.9	10.9	15.9	10.9	9.3	2.7				
Cream	15.9	8.5	7.4	5.7	6.1	5.7	6.1	11.7	11.7	14.1	12.3	11.2	3.2				
Total milk and cream	3.9	4.1	1.9	1.0	1.0	1.9	1.0	1.9	3.3	3.7	2.3	1.6	0.6				
CHEESE																	
Natural	9.3	4.6	4.2	2.5	2.2	2.5	2.2	3.9	3.9	8.7	5.1	4.0	1.3				
Processed	28.0	14.0	12.6	6.8	6.0	6.8	6.0	10.8	10.8	30.1	14.9	11.7	3.6				
Total cheese	9.2	4.5	4.1	2.4	2.1	2.4	2.1	3.7	3.7	8.5	4.9	3.7	1.3				
MEAT																	
Beef and veal	20.5	7.3	7.5	3.9	3.2	3.9	3.2	4.8	4.8	10.6	5.9	13.2	2.2				
Mutton and lamb	24.0	14.6	12.6	7.0	4.6	7.0	4.6	8.0	8.0	22.5	8.2	7.6	3.2				
Pork	27.4	10.4	12.0	6.3	4.3	6.3	4.3	8.2	8.2	13.6	8.1	6.2	2.9				
Total carcase meat	16.5	6.7	6.7	3.6	2.6	3.6	2.6	3.8	3.8	10.1	4.5	7.8	1.7				
Bacon and ham, uncooked	12.4	7.2	6.3	3.1	2.5	3.1	2.5	4.1	4.1	13.1	5.3	4.1	1.6				
Poultry, uncooked	14.5	9.3	7.9	4.4	3.6	4.4	3.6	5.7	5.7	14.4	8.4	6.5	2.2				
Other meat	8.4	4.6	4.1	2.1	1.6	2.1	1.6	2.7	2.7	6.7	3.5	2.8	1.0				
Total meat	9.9	4.1	4.0	2.1	1.5	2.1	1.5	2.3	2.3	6.2	2.9	4.2	1.0				
FISH																	
Fresh	20.4	13.3	11.3	7.3	5.5	7.3	5.5	9.4	9.4	12.7	8.9	5.8	3.1				
Processed and shell	23.2	18.2	14.8	9.8	8.4	9.8	8.4	13.7	13.7	19.0	12.6	10.6	4.7				
Prepared	21.5	9.4	8.6	4.1	3.3	4.1	3.3	7.0	7.0	14.6	7.7	5.7	2.1				
Frozen	20.8	11.7	10.2	5.6	4.5	5.6	4.5	7.8	7.8	16.4	9.5	7.6	2.7				
Total fish	12.1	7.0	6.1	3.0	2.3	3.0	2.3	4.3	4.3	7.8	4.4	3.2	1.4				
EGGS	8.7	4.4	3.9	2.1	1.9	2.1	1.9	3.2	3.2	5.8	3.4	2.9	1.1				

TABLE 10—continued

	Income groups (gross weekly income of head of household)													All households						
	Households with 1 or more earners						Households without an earner						OAP							
	£300 and over			£210 and over			£125 and under £210			Less than £75					£75 or more			Less than £75		
	A1	A2	All A	B	C	D	E1	E2	E3	E4	E5	E6			E7	E8	E9	E10	E11	E12
FATS:	9.7	5.7	5.0	3.6	3.7	6.6	10.2	5.7	3.7	3.7	6.6	10.2	5.7	3.7	3.7	1.9	1.6	2.3	3.6	
Butter	13.8	7.4	6.5	3.5	2.6	4.7	9.9	5.1	2.6	2.6	4.7	9.9	5.1	4.6	4.6	1.6	1.6	2.3	3.6	
Margarine	19.5	9.8	8.7	4.7	3.3	5.9	32.5	7.3	3.3	3.3	5.9	32.5	7.3	5.6	5.6	2.3	2.3	3.6	3.6	
Lard and compound cooking fat	20.4	10.7	9.6	6.7	6.5	12.0	19.5	11.2	6.5	6.5	12.0	19.5	11.2	10.2	10.2	3.6	3.6	3.6	3.6	
Other fats	7.4	4.3	3.7	2.4	2.2	3.7	8.0	3.5	2.2	2.2	3.7	8.0	3.5	2.6	2.6	1.2	1.2	1.2	1.2	
<i>Total fats</i>	13.1	7.0	6.2	3.4	2.5	3.8	9.1	4.6	2.5	2.5	3.8	9.1	4.6	3.6	3.6	1.5	1.5	2.5	2.5	
SUGAR AND PRESERVES:	14.3	9.4	8.1	4.6	4.8	7.1	13.5	8.0	4.8	4.8	7.1	13.5	8.0	6.1	6.1	2.5	2.5	2.5	2.5	
Sugar	10.4	6.0	5.3	2.9	2.3	3.6	7.6	4.3	2.3	2.3	3.6	7.6	4.3	3.3	3.3	1.4	1.4	1.4	1.4	
Honey, preserves, syrup and treacle	10.3	6.2	5.5	2.8	2.4	3.7	8.2	4.6	2.4	2.4	3.7	8.2	4.6	3.9	3.9	1.4	1.4	1.4	1.4	
<i>Total sugar and preserves</i>	10.3	4.6	4.2	2.8	2.3	4.2	6.8	4.8	2.3	2.3	4.2	6.8	4.8	3.6	3.6	1.4	1.4	1.4	1.4	
VEGETABLES:	7.9	4.2	3.8	2.2	2.2	3.8	6.6	4.6	2.2	2.2	3.8	6.6	4.6	3.5	3.5	1.2	1.2	1.2	1.2	
Potatoes	9.5	4.9	4.4	2.1	1.7	3.0	9.0	4.3	1.7	1.7	3.0	9.0	4.3	4.1	4.1	1.1	1.1	1.1	1.1	
Fresh green	5.9	2.9	2.7	1.5	1.3	2.1	4.7	2.6	1.3	1.3	2.1	4.7	2.6	2.3	2.3	0.7	0.7	0.7	0.7	
Other fresh	8.8	4.3	4.0	2.6	2.9	4.5	7.8	4.8	2.9	2.9	4.5	7.8	4.8	3.5	3.5	1.5	1.5	1.5	1.5	
Frozen	11.0	5.7	5.1	3.4	3.0	6.0	10.2	6.5	3.0	3.0	6.0	10.2	6.5	5.4	5.4	1.8	1.8	1.8	1.8	
Other processed }	7.6	3.8	3.5	2.2	2.3	4.1	6.6	4.3	2.3	2.3	4.1	6.6	4.3	3.1	3.1	1.3	1.3	1.3	1.3	
<i>Total vegetables</i>	8.8	4.3	4.0	2.6	2.9	4.5	7.8	4.8	2.9	2.9	4.5	7.8	4.8	3.5	3.5	1.5	1.5	1.5	1.5	
FRUIT:	11.0	5.7	5.1	3.4	3.0	6.0	10.2	6.5	3.0	3.0	6.0	10.2	6.5	5.4	5.4	1.8	1.8	1.8	1.8	
Fresh	7.6	3.8	3.5	2.2	2.3	4.1	6.6	4.3	2.3	2.3	4.1	6.6	4.3	3.1	3.1	1.3	1.3	1.3	1.3	
Other	7.6	3.8	3.5	2.2	2.3	4.1	6.6	4.3	2.3	2.3	4.1	6.6	4.3	3.1	3.1	1.3	1.3	1.3	1.3	
<i>Total fruit</i>	7.6	3.8	3.5	2.2	2.3	4.1	6.6	4.3	2.3	2.3	4.1	6.6	4.3	3.1	3.1	1.3	1.3	1.3	1.3	

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TABLE 11

Estimates of percentage standard errors of average per caput food consumption and expenditure according to ownership of deep-freezer, 1981 (a)

	EXPENDITURE			CONSUMPTION		
	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Households owning a deep-freezer	Households not owning a deep-freezer	All households
MILK AND CREAM:						
Total liquid milk	0.8	0.9	0.6	0.8	0.9	0.6
Condensed milk	7.1	6.6	4.8	6.9	7.4	5.0
Dried and other milk	3.4	4.3	2.7	4.5	5.4	3.5
Cream	3.9	5.4	3.2	4.0	5.4	3.2
Total milk and cream	0.8	0.9	0.6	0.7	0.8	0.5
CHEESE:						
Natural	1.8	1.9	1.3	1.8	1.9	1.3
Processed	5.2	5.1	3.6	5.2	5.1	3.7
Total cheese	1.7	1.8	1.3	1.8	1.8	1.3
MEAT:						
Beef and veal	3.5	2.1	2.2	3.9	2.0	2.4
Mutton and lamb	5.0	3.1	3.2	5.8	3.3	3.8
Pork	4.4	2.9	2.9	5.8	3.0	3.8
Total carcass meat	2.8	1.6	1.7	3.3	1.5	2.0
Bacon and ham, uncooked	2.3	2.0	1.6	2.4	2.0	1.6
Poultry, uncooked	3.2	3.0	2.2	3.4	3.0	2.3
Other meat	1.5	1.3	1.0	1.5	1.3	1.0
Total meat	1.6	1.0	1.0	1.7	1.0	1.1
FISH:						
Fresh	4.9	3.9	3.1	5.3	3.9	3.3
Processed and shell	6.6	6.0	4.7	6.9	6.0	4.9
Prepared	3.0	2.9	2.1	2.9	2.8	2.0
Frozen	4.0	3.4	2.7	4.4	3.5	3.0
Total fish	2.2	1.8	1.4	2.3	1.8	1.5
EGGS						
	1.5	1.5	1.1	1.5	1.5	1.1
FATS:						
Butter	2.5	2.9	1.9	2.4	2.9	1.9
Margarine	2.3	2.2	1.6	2.4	2.2	1.7
Lard and compound cooking fat	3.4	2.9	2.3	3.1	2.8	2.1
Other fats	4.5	5.7	3.6	5.1	7.2	4.2
Total fats	1.6	1.8	1.2	1.6	1.7	1.2
SUGAR AND PRESERVES:						
Sugar	2.3	1.9	1.5	2.3	1.9	1.5
Honey, preserves, syrup and treacle	3.6	3.3	2.5	3.4	3.1	2.3
Total sugar and preserves	2.1	1.7	1.4	2.0	1.7	1.3
VEGETABLES:						
Potatoes	2.1	1.8	1.4	2.6	2.2	1.7
Fresh green	1.9	1.9	1.4	1.7	1.9	1.3
Other fresh	1.7	1.8	1.2	1.6	1.9	1.2
Frozen	1.6	1.4	1.1	1.7	1.5	1.2
Other processed						
Total vegetables	1.1	1.0	0.7	1.4	1.3	1.0
FRUIT:						
Fresh	1.8	2.4	1.5	1.7	2.1	1.3
Other	2.4	2.7	1.8	2.4	2.7	1.8
Total fruit	1.6	2.0	1.3	1.5	1.8	1.2
CEREALS:						
Brown bread	3.3	3.2	2.3	3.4	3.3	2.4
White bread	1.5	1.3	1.0	1.5	1.4	1.0
Wholewheat and wholemeal bread	5.0	5.6	3.8	5.2	5.8	3.9
Other bread	2.5	2.7	1.8	2.8	3.0	2.0
Total bread	1.0	0.9	0.7	1.1	0.9	0.7
Flour	4.3	8.1	4.7	4.3	9.3	5.3
Cakes	2.6	2.7	1.9	2.5	2.6	1.8
Biscuits	1.7	1.8	1.3	1.7	1.7	1.2
Oatmeal and oat products	7.8	7.3	5.4	7.7	7.9	5.5
Breakfast cereals	2.4	2.4	1.7	2.5	2.5	1.8
Other cereals	2.6	2.4	1.8	3.2	2.5	2.1
Total cereals	1.0	0.9	0.7	1.0	1.2	0.8

TABLE 11—continued

	EXPENDITURE			
	Households owning a deep-freezer	Households not owning a deep-freezer	All households	Households owning a deep-freezer
BEVERAGES:				
Tea	2.5	2.0	1.6	2.5
Coffee	2.9	3.2	2.1	2.9
Cocoa and drinking chocolate	8.3	9.5	6.3	9.1
Branded food drinks	10.4	9.2	7.0	10.4
<i>Total beverages</i>	<i>2.0</i>	<i>1.8</i>	<i>1.3</i>	<i>2.1</i>
MISCELLANEOUS:				
Soups, canned, dehydrated, powdered	3.2	3.0	2.2	3.5
Other foods	2.1	2.2	1.5	2.6
<i>Total miscellaneous</i>	<i>1.9</i>	<i>1.8</i>	<i>1.3</i>	<i>2.2</i>
TOTAL EXPENDITURE	0.9	0.7	0.6	0.8

(a) See Appendix A, Table 7 for definitions of the food groups.

APPENDIX B

Demand analyses and estimates of demand parameters

1 The tables in this Appendix present the results of various demand analyses which have been made from the National Food Survey data for 1981 and some earlier years, and these up-date corresponding estimates given in the Report for 1980¹. The methods of calculation of the various estimates are described in paragraphs 9 to 18.

2 The elasticity of demand for a commodity with respect to changes in income (income elasticity of demand), to changes in its own price (own-price elasticity of demand) or to changes in the price of another commodity (cross-price elasticity of demand) may be regarded, *in simplified terms*, as a measure of the extent to which the amount demanded will change in percentage terms in response to a change of 1 per cent in income (or in price), other things remaining equal.

3 The estimates of income elasticity of demand in Tables 1 and 2 have been derived by cross-sectional analysis of the Survey data for 1981. For this purpose, the analysis was confined to a sub-sample of 4666 households which fell into one or other of the twelve categories listed in Table 1 and which also gave particulars of their total family income. The elasticity coefficients were calculated with respect to total declared family income net of income tax and national insurance contributions. The income elasticities of total household food expenditure relate to food purchased for consumption in the home. Clearly, other things remaining equal, household expenditure on such food will be greater the more the household depends on meals in the home and does not obtain meals out. In Table 1, the overall elasticities for 1981 have therefore been resolved into two additive components. The first of these components relates to the number of meals provided from the household food supply, which, in most cases *decreases* as real income increases because most families then have more meals out. The second component, which relates to food expenditure per meal provided from the household food supply, is almost invariably positive in sign, implying that it increases as income increases. The income elasticities of expenditure on individual foods and of quantities purchased (Table 2) are not shown resolved into two components in this way since such subdivision would be unrealistic because all meals do not have an identical food composition. For most of the foods for which the income elasticities are positive in sign, the income elasticity of expenditure is greater than the income elasticity of quantity, because as income rises not only is more of such foods bought, but there is a tendency to buy varieties of better quality or, at least, higher price. Similarly, for certain items for which the elasticity of quantity is negative, the expenditure elasticity may be closer to zero or even positive in sign. There are a few exceptions to these generalisations, however, particularly in respect of some processed foods for which the average size of purchase is greater in higher than in lower income households, and where the larger size of purchase enables the buyer to purchase at a lower cost per unit of quantity. These exceptions may also arise in respect of some non-processed foods for which the composition may vary; for example, purchase of a whole side of pork (by a high-income household) will usually be at a lower price per

¹ *Household Food Consumption and Expenditure: 1980*; Appendix B, HMSO, 1982.

unit quantity than that of a smaller purchase confined to the more desirable cuts of pork. The estimate of the income elasticity of total household food expenditure given at the foot of Table 2 is to be preferred to that given in Table 1 for reasons given in paragraph 11 below.

4 The estimates of price-elasticity of demand in Table 3 have been derived from time-series analysis of the monthly Survey averages of purchases and *real* (deflated) prices over the period from 1976 to 1981. The technique which is used to estimate the price elasticity of demand also enables any significant seasonal or annual shifts in the location of the price/quantity demand curve (including shifts due to changes in income) to be detected (as distinct from movements from one price to another along a fixed demand curve). Indeed, the effects of such shifts are removed from the original data prior to the estimation of the selected price elasticity coefficient. At a further stage in the analysis, the price elasticity, and the mean income elasticity derived from successive annual cross-section analyses over the whole period, are used to make estimates of the levels of purchases which might have been expected each year, *other things being equal*, given the changes in average price and in income which in fact occurred. The differences between these estimates of expected purchases and the levels of purchases actually recorded provide a measure of the shifts in demand (together with any residual error) which took place. These shifts in demand from year to year are given in the form of indices in Table 4 together with corresponding annual series for prices and purchases.

5 The type of analysis used to determine the own-price elasticities presented in Table 3 has been extended to produce sets of simultaneously-determined own-price and cross-price elasticities for a number of commodities. In general, the own-price elasticity estimates produced in this way will differ in magnitude from those given in Table 3, and are to be preferred because some of the variation in purchases of each commodity is now related to variation in the prices of a number of commodities instead of being related simply to changes in its own price. Some results obtained from analyses of the monthly Survey data over the eight-year period from 1974 to 1981 are given in Table 5.

6 In a manner analogous to that described in paragraph 4, the sets of elasticity coefficients in Table 5 and the appropriate income elasticity coefficients have been used to make estimates of the levels of purchases of the several commodities which might have been expected each year, other things being equal, given the changes in their prices and in income which in fact occurred. The differences between these estimates of expected purchases and those actually recorded provide a measure of the shifts in demand (together with any residual error) which took place. These estimates of shifts from year to year are given in the form of indices in Table 6 together with corresponding annual series for prices and purchases. For the commodities covered, they are in general to be preferred to the estimates obtained by taking into account only one commodity at a time as presented in Table 4.

7 A further extension of the type of analysis described in paragraph 4 to cover 16 main food groups has been attempted for the period 1974 to 1981. In order to extend the analysis in this way it is necessary to use income as an explanatory variable at an earlier stage in the analysis, since average expenditure on some of the 16 groups is sufficiently large for a price increase to be equivalent in effect to a decrease in income which cannot be ignored. For each

group, the average cross-sectional income elasticity over the period 1974 to 1981 was specified in the demand equation in preference to a time-series estimate which has often proved unreliable.

8 Estimates of the own-price and cross-price elasticities are given in Table 7 together with the standard errors of the former, and the proportion of variation in monthly average purchases that can be explained by the fitted elasticities and shifts in demand. The elasticity estimates which are statistically significant are indicated by an asterisk. Some of the individual cross-elasticities which did not attain statistical significance may be unreliable (even to the point of carrying the wrong sign in some cases), but it is expected that their use *collectively* in making demand projections will give better results than if they are ignored. The implied annual shifts in demand are given in index form in Table 8 together with corresponding indices of average purchases and deflated prices.

Method of calculating the estimates of income elasticity of demand

9 The income elasticity of demand can be defined formally as the ratio of the relative change in demand (whether measured in terms of expenditure or in terms of the quantity purchased) to the relative change in income, other things being equal; it may be represented in the notation of the calculus as:

$$\frac{Y}{E} \cdot \frac{dE}{dY}$$

where E = expenditure (or, in the case of elasticities of quantity, the amount purchased) and Y = net family income. Although the elasticity of demand may not be the same at all income levels and may decline as income increases, it has been found in practice that the fitting of demand functions which allow the elasticity to vary with income rarely provides satisfactory results because of the variability of the data. For these reasons a constant elasticity function has been used in deriving the elasticity coefficients given in this Appendix; this function is of the form

$$E = kY^\eta \quad (1)$$

where E and Y are as defined above, k is a constant and η is the elasticity. If the data on incomes and on expenditure (or quantity) are transformed into logarithms and then expressed as deviations from their respective means, the demand relationship becomes

$$\log E = \eta \log Y \quad (2)$$

and the elasticity is seen to be the linear regression coefficient when log expenditure (or quantity) is regressed on log income.

10 To determine income elasticities of food expenditure at a point in time, one therefore needs to know the functional relationship between income and food expenditure *at that point in time*. This functional relationship is not fixed and immutable, since consumers collectively (as well as individually) can and do change their ideas of relative values from one point in time to another. Even in a comparatively short period they are subject to changing pressures from the advertising industry, from manufacturers and agencies who provide new products and services, and from a host of environmental changes, including changes in the value of money. The condition about "other things being equal" is rarely realised in practice, and for this reason it is an oversimplification to attempt to estimate the demand function by fitting a regression to a set of observations of income and expenditure taken at

different points in time (time-series analysis), even when deflated, since the locus of such points may trace out *shifts* in the demand curve rather than the demand curve itself. Indeed, a demand relationship estimated in this way would not satisfy the condition that demand may change even though there may be no change in incomes. Moreover, it would imply that any response to a change in income would be instantaneous when in practice there is likely to be a lag. Cross-sectional methods of analysis have therefore been used, and so that the relationship between income and expenditure can be ascertained without being affected by differences in family composition, separate estimates of the income elasticity of total household food expenditure have been obtained for each of the twelve types of household shown in Table 1. The estimates for each of these twelve types were obtained by fitting double logarithmic linear regressions of the form in equation (2) above to the individual observations of declared net family income and of food expenditure from each household within each type. An overall estimate was then obtained by forming a weighted average of these twelve estimates, using as a weight in each case the sum of squared deviations of income from the group's mean. A weighted average of this type gives an estimate of the overall income elasticity identical with the estimate which would be obtained by fitting a demand function that assumes a constant income elasticity over all types of household but allows the demand curves for the different groups to have different *locations*. Nearly two-fifths of the households in the sample either did not fall into one of the twelve categories or did not disclose their income, and were excluded from the calculations. Although the twelve selected types of household therefore are not fully representative of the whole sample, there is evidence from earlier studies that the inclusion of the more complex household types would not materially have affected the results.

11 A different procedure was followed in order to obtain the estimates shown in Table 2 of the income elasticity of expenditure and of quantity purchased for each food in the Survey classification. For this purpose, the samples of households from each quarter of the year were each subdivided into the same twelve groups as described in Table 1. Within each of these groups, households were ranked in order of declared net family income and the octiles of income then determined; 8 octile groups were thus formed each quarter within each of the 12 household groups. Each of the resulting 96 groups for the first quarter were then merged with their corresponding octile/household groups for the remaining three quarters of the year, and *annual* per caput averages of income, expenditure and quantity purchased were then calculated for each of the 96 merged groups. The averages for each of these variables were then arranged into tables of 12 rows (one row for each household type) and eight columns (one column for each octile group). Weighted averages were then formed of the entries in each column, the weights being the total number of persons in each of the twelve household types included in the analysis. The resulting weighted averages were then arranged into sets of eight pairs of income/ expenditure co-ordinates and eight pairs of income/quantity co-ordinates. Double logarithmic linear regressions were then fitted to each of these two sets to provide estimates of, respectively, the income elasticity of expenditure and the income elasticity of the quantity purchased. This procedure of fitting regressions to the logarithms of averages for groups of households avoids the difficulties inherent in fitting logarithmic regressions to individual household observations, some of which may be zero simply because the household participates in the Survey only for one week and happens not to

buy the food during that week. The averages of expenditure and quantity for the groups are taken over a range of observations extending from zero upwards and, provided the groups are large enough, constitute a valid estimate of the average level of purchases in each octile of income. To exclude the households which did not record a purchase (whether this is due to the household never buying the food or buying it only infrequently) would give averages relating to the average size of purchases made by *households which made a purchase during the Survey week* and not average purchases by *all households* in the octile group; it would therefore not produce income elasticities of average quantity purchased but of average size of purchase, and the latter would have limited practical value unless they were supplemented by an income elasticity of the proportion of households buying. The use of means of octile groups also has the advantage (compared with the method outlined in paragraph 10) of reducing the effect of extreme observations, eg at extreme incomes or, more commonly, bulk purchases to cover consumption over a long period. The formation of octile groups at quarterly intervals also has the advantage of compensating, to some extent, for distortion in the estimates of income elasticity that might otherwise result from income and price inflation during the year; it may also, in some instances, reduce biases in the estimates which might result from seasonality in supplies. Moreover, the grouping together of all first octile groups into a single first octile group, and similarly for each of the remaining seven octile groups, ensures that the resulting groups all have virtually identical household type distributions. These advantages seem great enough to make the estimates of the income elasticity of total household food expenditure shown in Table 2 preferable to those shown in Table 1, although the use of the grouping method does, of course, entail some loss of information compared with the method outlined in paragraph 10.

12 As stated in paragraph 3, the income elasticity of demand for most foods is higher for expenditure than for quantity, although for most foods the difference is very small. The relationship between the two can be readily deduced because $E = PQ$ where E , P and Q are respectively expenditure, price and quantity purchased; it follows that:

$$\frac{dE}{dY} = P \frac{dQ}{dY} + Q \frac{dP}{dY}, \text{ where } Y \text{ is net family income}$$

$$\text{whence } \frac{Y}{E} \frac{dE}{dY} = \frac{Y}{Q} \frac{dQ}{dY} + \frac{Y}{P} \frac{dP}{dY} \quad (3)$$

Thus the expenditure elasticity is the sum of the quantity elasticity and what may be called the quality elasticity, in so far as quality is measured by price. The difference between the elasticities of expenditure and quantity shown in Table 2 is formally the "income elasticity of price", but may be regarded as meaning the elasticity of quality in a broad sense covering the quality of the food itself and the services associated with its sale, including the saving of the housewife's time which results from shopping at the most convenient shop instead of at that charging the lowest price.

Method of calculating the estimates of price elasticity of demand

13 The estimates of price elasticity of demand given in Table 3 were all calculated by analysis of the time-series of monthly Survey data of average quantities purchased and average prices paid by housewives from 1976 to 1981. For this purpose, the monthly series of average prices (in money terms) were converted to real terms by deflating by the General Index of Retail Prices.

As in the case of the estimates of income elasticity, a constant elasticity form of the demand function was used throughout. The real price was treated as the independent variable (p) and the quantity purchased (q) as the dependent variate. In order to determine the relationship between price and quantity after the effects of any seasonal or annual shifts in the price/quantity demand curve were eliminated from the data, a mathematical model was used which expressly takes into account such shifts. This model is

$$q_{ij} = m_i + a_j + \gamma p_{ij} + e_{ij} \quad (4)$$

where q_{ij} and p_{ij} are respectively average quantities purchased and average (deflated) prices paid in the month i of the year j , and are expressed in logarithms as deviations from their average values during the whole period considered. The m_i are monthly constants which measure (in logarithms) the regular seasonal shifts in the demand curve in each of the months i , and are also expressed in deviation form so that $\sum m_i = 0$. Similarly, the a_j are annual constants which measure the shifts in the demand curve from one year to another and are also expressed as logarithmic deviations so that $\sum a_j = 0$; γ is the price elasticity of demand and the e_{ij} are random disturbances, assumed to be independent of m_i , and a_j and p_{ij} and to be normally distributed about zero.

14 The method used to estimate γ and to test for the existence of seasonal or annual shifts in the demand curve is an application of co-variance analysis developed by Professor J. A. C. Brown⁽¹⁾. If the analysis is carried out over a period of n years and there are m monthly pairs of averages of purchases and prices in each year, the following regressions are calculated:

	Degrees of freedom
Between months (regression fitted to m means of corresponding months in n years)	$m - 1$
Between years (regression fitted to n yearly means)	$n - 1$
Residual	$(m - 1)(n - 1)$
<hr/>	
Total regression	$mn - 1$
<hr/>	
Within months	$m(n - 1)$
Within years	$n(m - 1)$

15 If there have been no seasonal or annual shifts in the price/quantity demand curve over the period covered by the analysis, each of the regressions calculated as in paragraph 14 will provide an unbiased estimate of the price elasticity of demand, and these estimates will differ from each other only by amounts which could have occurred by chance alone. In this case, the total regression based on the maximum number ($mn - 1$) of degrees of freedom may be the logical choice. If, however, the estimate derived from the "between months" component is significantly different from that obtained from the residual component, then this difference may have arisen because the m pairs of averages of quantity and price (each pair being the average over corresponding months in n years) do not trace out seasonal movements along a fixed demand curve, but instead trace out seasonal shifts in the location of the whole demand curve; in this case, one or more of the m_i will differ significantly from zero, and the logical choice may be the "within months" estimate which excludes the seasonal component of variation and co-variation and is based on $m(n - 1)$ degrees of freedom. Similarly, if the "between years" regression is significantly different from that obtained from the residual component this

¹ On the use of co-variance techniques in demand analysis: FAO/ECE Study Group on the Demand for Agricultural Products (1958).

may be because one or more of the a_j differ significantly from zero and the location of the demand curve has shifted from one year to another; in this case, the logical choice of estimate may be that derived from the "within years" component based on $n(m-1)$ degrees of freedom. If the series of tests indicate that there may have been both seasonal and annual shifts in the location of the demand curve, then the choice of estimate will be that derived from the residual component of variation and co-variation which is free from the effects of both kinds of shift and is based on $(m-1)(n-1)$ degrees of freedom.

16 Once the elasticity of demand has been determined, the constants m_j and a_j in equation (4) which measure the seasonal and annual shifts in demand can be estimated. The causes of seasonal shifts in demand for a commodity are in the main self-evident, but include seasonal changes in its quality and in the supply and quality of other commodities which are alternative or complementary to it. Annual shifts in the price/quantity demand curve may arise simply because of a rise in real incomes if the commodity is at all income elastic, but may also come about because of gradual changes in consumers' tastes and preferences caused by developments in food technology and by advertising pressures and other environmental changes.

17 The above form of analysis has been extended to the multivariate case, using data for 1974-1981. To arrive at the estimates of own-price and cross-price elasticities and associated demand parameters shown in Tables 5 and 6, seasonal and annual shifts in the demand curves were assumed to have occurred in all cases. Furthermore, when the parameters were estimated, constraints were imposed so that each pair of cross-elasticities would comply with the theoretical relationship which should exist between them (eg the elasticity for beef with respect to the price of pork should be in the same ratio to the coefficient for pork with respect to beef as expenditure on pork is to expenditure on beef - see footnote to next paragraph).

18 The further extension of this method to arrive at the own-price and cross-price elasticities of demand and associated demand parameters for the *broad* food groups shown in Tables 7 and 8 also assumed the existence of seasonal and annual shifts in demand. However, because average expenditure on at least some of the sixteen food groups was sufficiently large for a price increase to be equivalent in effect to a decrease in income, it was necessary to use income as an explanatory variable at an earlier stage of the analysis. Also, in imposing constraints analogous to those mentioned in paragraph 17, further account was taken of this type of income effect, as, indeed, is required in the strict application of the "Slutsky constraints".¹ The demand function used in

¹ The rigorous form of Slutsky constraint is:

$$\frac{1}{E_n} \gamma_{kn} + \eta_k = \frac{1}{E_k} \gamma_{nk} + \eta_n$$

where E_n and E_k are the proportions of income devoted to commodities n and k respectively and γ_{kn} , η_k etc are as defined at the end of paragraph 18 above. If commodities n and k are such that only a small fraction of consumers' income is devoted to each of them, or if the difference between their income elasticities of quantity is relatively small, then this constraint approaches the simplified form (referred to in paragraph 17 above):

$$\frac{\gamma_{kn}}{\gamma_{nk}} = \frac{E_n}{E_k}$$

See also J. R. Hicks, *Value and Capital*, p. 307 et seq. Oxford University Press, 1961.

this case is as follows:—

$$\log q_{ijk} = c_k + m_{ik} + a_{jk} + \sum_{n=1}^{16} \gamma_{kn} \log p_{ijn} + \eta_k \log y_{ij} + e_{ijk}$$

where q_{ijk} = quantity purchased of commodity k per head per week in month i of the year j .

c_k = a constant for commodity k .

m_{ik} = a measure of the seasonal shift in demand for commodity k in month i .

a_{jk} = a measure of the annual shift in demand for commodity k in year j .

p_{ijn} = the deflated price of commodity n in month i of year j .

γ_{kn} = the elasticity of demand for commodity k with respect to the price of commodity n .

y_{ij} = real personal disposable income per head per week in month i of year j .

η_k = the income elasticity of quantity for commodity k .

e_{ijk} = an error term.

TABLE 1
Estimated income elasticity of household food expenditure, 1981
 (standard errors of the estimates are shown in brackets)

Type of household	Income elasticity of			Number of household records from which the elasticity estimates have been compiled
	household food expenditure	number of meals provided from the household food supply	food expenditure per meal provided from the household food supply	
1 adult only (under \$5)	0.06 (0.07)	0.01 (0.04)	0.05 (0.07)	263
1 adult only (\$5 and over)	0.18 (0.05)	-0.06 (0.02)	0.24 (0.04)	838
2 adults only (housewife under \$5)	-0.04 (0.06)	-0.16 (0.02)	0.11 (0.05)	621
2 adults only (housewife \$5 or over)	0.23 (0.04)	-0.04 (0.01)	0.27 (0.04)	871
2 adults, 1 child	0.18 (0.05)	-0.06 (0.02)	0.23 (0.05)	523
2 adults, 2 children	0.24 (0.04)	-0.05 (0.01)	0.30 (0.04)	812
2 adults, 3 children	0.14 (0.07)	-0.05 (0.02)	0.18 (0.07)	272
2 adults, 4 children	0.16 (0.14)	-0.07 (0.04)	0.23 (0.13)	68
3 adults	0.11 (0.07)	-0.01 (0.02)	0.13 (0.06)	210
4 adults	0.00 (0.11)	-0.08 (0.06)	0.08 (0.10)	52
3 adults, 1 child	0.51 (0.13)	-0.10 (0.03)	0.61 (0.13)	107
4 adults, 1 child	0.23 (0.22)	-0.09 (0.09)	0.32 (0.21)	29
All above households (weighted averages) (a)	0.15 (0.02)(b)	-0.06 (0.01)	0.21 (0.02)	4666

(a) See paragraph 10 of this Appendix.
 (b) For an alternative (and preferred) estimate of this elasticity coefficient see Table 2 and paragraph 11 of this Appendix.

TABLE 2

Estimates of income elasticities of demand for individual foods, 1981(a)

	Income elasticities of expenditure	Income elasticities of quantity purchased
MILK AND CREAM:		
Liquid milk, full price	-0.00 (0.02)	-0.00 (0.03)
Condensed milk	-0.17 (0.24)	-0.20 (0.25)
Dried milk, branded	-1.34 (0.31)	-1.51 (0.38)
Instant milk	-0.45 (0.16)	-0.38 (0.16)
Yoghurt	0.83 (0.11)	0.83 (0.11)
Other milk	0.42 (0.23)	0.03 (0.23)
Cream	1.25 (0.08)	1.22 (0.07)
<i>Total milk and cream (b)</i>	<i>0.07 (0.02)</i>	<i>-0.13 (0.03)</i>
CHEESE:		
Natural	0.48 (0.04)	0.44 (0.04)
Processed	0.02 (0.12)	-0.06 (0.13)
<i>Total cheese</i>	<i>0.44 (0.04)</i>	<i>0.41 (0.04)</i>
MEAT AND MEAT PRODUCTS:		
Carcase meat		
Beef and veal	0.22 (0.09)	0.08 (0.10)
Mutton and lamb	0.40 (0.06)	0.29 (0.08)
Pork	0.20 (0.14)	0.14 (0.17)
<i>Total carcase meat</i>	<i>0.26 (0.07)</i>	<i>0.15 (0.08)</i>
Other meat and meat products		
Liver	0.04 (0.04)	-0.16 (0.06)
Offals, other than liver	0.01 (0.17)	-0.07 (0.27)
Bacon and ham, uncooked	0.28 (0.06)	0.19 (0.06)
Bacon and ham, cooked, including canned	0.25 (0.07)	0.21 (0.07)
Cooked poultry, not purchased in cans	0.48 (0.16)	0.49 (0.21)
Corned meat	-0.11 (0.09)	-0.08 (0.10)
Other cooked meat, not purchased in cans	-0.09 (0.06)	-0.13 (0.08)
Other canned meat and canned meat products	-0.46 (0.12)	-0.55 (0.12)
Broiler chicken, uncooked, including frozen	0.30 (0.08)	0.22 (0.08)
Other poultry, uncooked, including frozen	0.56 (0.12)	0.55 (0.13)
Rabbit and other meat	-0.08 (0.33)	-0.27 (0.30)
Sausages, uncooked, pork	0.12 (0.04)	0.03 (0.06)
Sausages, uncooked, beef	-0.23 (0.06)	-0.24 (0.06)
Meat pies and sausage rolls, ready- to-eat	0.20 (0.08)	0.17 (0.07)
Frozen convenience meats or frozen convenience meat products	0.17 (0.13)	0.14 (0.17)
Other meat products	0.12 (0.12)	-0.03 (0.08)
<i>Total other meat and meat products</i>	<i>0.17 (0.04)</i>	<i>0.10 (0.03)</i>
FISH:		
White, filleted, fresh	-0.11 (0.07)	-0.17 (0.08)
White, unfileted, fresh	0.89 (0.71)	0.99 (0.75)
White, uncooked, frozen	0.15 (0.12)	0.21 (0.13)
Herrings, filleted, fresh	0.70 (0.95)	0.70 (1.06)
Herrings, unfileted, fresh	0.50 (0.47)	0.51 (0.53)
Fat, fresh, other than herrings	1.33 (0.93)	0.99 (0.71)
White, processed	0.26 (0.29)	0.12 (0.35)
Fat, processed, filleted	0.26 (0.22)	0.30 (0.18)
Fat, processed, unfileted	-0.24 (0.55)	-0.27 (0.55)
Shellfish	1.31 (0.34)	1.35 (0.38)

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities of quantity purchased
FISH—continued		
Cooked fish	-0.23 (0.09)	-0.26 (0.10)
Canned salmon	0.32 (0.11)	0.34 (0.09)
Other canned or bottled fish	0.34 (0.07)	0.21 (0.12)
Fish products, not frozen	-0.09 (0.15)	-0.33 (0.14)
Frozen convenience fish products	-0.12 (0.08)	-0.16 (0.12)
<i>Total fish</i>	<i>0.09 (0.03)</i>	<i>0.04 (0.05)</i>
EGGS		
	0.02 (0.03)	-0.04 (0.03)
FATS:		
Butter	0.18 (0.05)	0.20 (0.05)
Margarine	-0.08 (0.05)	-0.14 (0.05)
Lard and compound cooking fat	-0.35 (0.06)	-0.41 (0.06)
Vegetable and salad oils	0.21 (0.18)	0.15 (0.19)
All other fats	0.26 (0.07)	0.23 (0.08)
<i>Total fats</i>	<i>0.07 (0.02)</i>	<i>-0.03 (0.02)</i>
SUGAR AND PRESERVES:		
Sugar	-0.24 (0.05)	-0.28 (0.05)
Jams, jellies and fruit curds	0.07 (0.12)	0.02 (0.11)
Marmalade	0.49 (0.09)	0.45 (0.10)
Syrup, treacle	-0.32 (0.24)	-0.31 (0.22)
Honey	0.48 (0.18)	0.54 (0.22)
<i>Total sugar and preserves</i>	<i>-0.09 (0.05)</i>	<i>-0.20 (0.05)</i>
VEGETABLES:		
Old potatoes		
January - August not prepacked	-0.26 (0.11)	-0.34 (0.09)
prepacked	-0.28 (0.29)	-0.49 (0.32)
New potatoes		
January - August not prepacked	0.06 (0.10)	-0.02 (0.08)
prepacked	-0.17 (0.29)	-0.43 (0.24)
Potatoes		
September - December not prepacked	-0.40 (0.13)	-0.45 (0.15)
prepacked	0.62 (0.21)	0.53 (0.20)
<i>Total fresh potatoes</i>	<i>-0.15 (0.05)</i>	<i>-0.27 (0.04)</i>
Cabbage, fresh	0.08 (0.06)	-0.05 (0.06)
Brussels sprouts, fresh	-0.06 (0.16)	-0.11 (0.13)
Cauliflowers, fresh	0.13 (0.04)	0.07 (0.06)
Leafy salads, fresh	0.55 (0.03)	0.51 (0.05)
Peas, fresh	-0.00 (0.62)	0.13 (0.44)
Beans, fresh	0.30 (0.27)	0.33 (0.18)
Other fresh green vegetables	1.22 (0.29)	0.45 (0.15)
<i>Total fresh green vegetables</i>	<i>0.23 (0.04)</i>	<i>0.10 (0.04)</i>
Carrots, fresh	0.27 (0.10)	0.11 (0.06)
Turnips and swedes, fresh	0.05 (0.15)	-0.01 (0.18)
Other root vegetables, fresh	0.34 (0.31)	0.10 (0.24)
Onions, shallots, leeks, fresh	0.16 (0.13)	-0.03 (0.11)
Cucumbers, fresh	0.58 (0.05)	0.53 (0.05)
Mushrooms, fresh	0.74 (0.11)	0.69 (0.12)
Tomatoes, fresh	0.47 (0.04)	0.42 (0.06)
Miscellaneous fresh vegetables	0.65 (0.20)	0.60 (0.12)
<i>Total other fresh vegetables</i>	<i>0.45 (0.05)</i>	<i>0.23 (0.05)</i>

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities of quantity purchased
VEGETABLES—continued		
Tomatoes, canned or bottled	0·22 (0·12)	0·26 (0·12)
Canned peas	- 0·61 (0·06)	- 0·67 (0·07)
Canned beans	- 0·24 (0·09)	- 0·25 (0·09)
Canned vegetables, other than pulses, potatoes or tomatoes	- 0·04 (0·08)	- 0·20 (0·10)
Dried pulses, other than air-dried	- 0·10 (0·28)	- 0·41 (0·29)
Air-dried vegetables	0·32 (0·39)	0·35 (0·48)
Vegetable juices	1·03 (0·29)	1·13 (0·37)
Chips, excluding frozen	- 0·39 (0·05)	- 0·43 (0·04)
Instant potato	- 0·22 (0·23)	- 0·24 (0·22)
Canned potato	0·39 (0·38)	0·46 (0·39)
Crisps and other potato products, not frozen	0·12 (0·07)	0·11 (0·07)
Other vegetable products	0·51 (0·11)	0·52 (0·08)
Frozen peas	0·54 (0·16)	0·56 (0·18)
Frozen beans	0·69 (0·23)	0·69 (0·23)
Frozen chips and other frozen con- venience potato products	0·80 (0·11)	0·91 (0·13)
All frozen vegetables and frozen vege- table products, not specified elsewhere	0·95 (0·15)	0·99 (0·13)
<i>Total processed vegetables</i>	<i>0·13 (0·03)</i>	<i>0·06 (0·05)</i>
FRUIT:		
Fresh		
Oranges	0·49 (0·08)	0·47 (0·08)
Other citrus fruit	0·89 (0·14)	0·77 (0·14)
Apples	0·60 (0·06)	0·55 (0·05)
Pears	0·58 (0·13)	0·52 (0·10)
Stone fruit	1·21 (0·13)	1·13 (0·15)
Grapes	0·52 (0·29)	0·43 (0·31)
Soft fruit, other than grapes	1·10 (0·18)	0·77 (0·19)
Bananas	0·46 (0·07)	0·43 (0·07)
Rhubarb	0·68 (0·68)	0·25 (0·30)
Other fresh fruit	1·28 (0·16)	1·16 (0·15)
<i>Total fresh fruit</i>	<i>0·67 (0·06)</i>	<i>0·58 (0·05)</i>
Canned peaches, pears and pineapples	0·11 (0·13)	0·11 (0·13)
Other canned or bottled fruit	0·26 (0·10)	0·21 (0·10)
Dried fruit and dried fruit products	0·36 (0·07)	0·28 (0·07)
Frozen fruit and frozen fruit products	2·16 (0·76)	1·75 (0·72)
Nuts and nut products	0·85 (0·13)	0·75 (0·11)
Fruit juices	1·05 (0·06)	1·20 (0·09)
<i>Total other fruit and fruit products</i>	<i>0·66 (0·03)</i>	<i>0·73 (0·03)</i>
CEREALS:		
White bread, large loaves, unsliced	- 0·21 (0·13)	- 0·25 (0·13)
White bread, large loaves, sliced	- 0·41 (0·07)	- 0·42 (0·07)
White bread, small loaves, unsliced	- 0·25 (0·10)	- 0·24 (0·10)
White bread, small loaves, sliced	- 0·78 (0·23)	- 0·76 (0·22)
Brown bread	0·40 (0·08)	0·41 (0·08)
Wholewheat and wholemeal bread	0·85 (0·13)	0·85 (0·14)
Other bread	0·23 (0·07)	0·20 (0·07)
<i>Total bread</i>	<i>- 0·05 (0·03)</i>	<i>- 0·12 (0·04)</i>
Flour	- 0·18 (0·08)	- 0·20 (0·10)
Buns, scones and teacakes	0·20 (0·08)	0·11 (0·08)
Cakes and pastries	0·45 (0·05)	0·34 (0·06)
Crispbread	0·35 (0·10)	0·29 (0·12)

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities of quantity purchased
CEREALS—continued		
Biscuits, other than chocolate biscuits	0·10 (0·06)	0·03 (0·08)
Chocolate biscuits	0·49 (0·07)	0·46 (0·07)
<i>Total cakes and biscuits</i>	<i>0·32 (0·03)</i>	<i>0·20 (0·05)</i>
Oatmeal and oat products	−0·18 (0·16)	−0·24 (0·16)
Breakfast cereals	0·34 (0·06)	0·33 (0·06)
Canned milk puddings	−0·30 (0·14)	−0·30 (0·15)
Other puddings	0·43 (0·28)	0·23 (0·23)
Rice	0·82 (0·29)	0·91 (0·37)
Cereal-based invalid foods (including “slimming” foods)	−0·34 (0·57)	0·07 (0·82)
Infant cereal foods	−0·69 (0·28)	−0·89 (0·30)
Frozen convenience cereal foods	1·07 (0·14)	1·01 (0·14)
Cereal convenience foods, including canned, not specified elsewhere	0·07 (0·08)	−0·17 (0·06)
Other cereal foods	0·50 (0·17)	0·38 (0·22)
<i>Total other cereals</i>	<i>0·30 (0·04)</i>	<i>0·19 (0·06)</i>
BEVERAGES:		
Tea	−0·23 (0·08)	−0·24 (0·07)
Coffee, bean and ground	1·54 (0·35)	1·64 (0·35)
Coffee, instant	0·36 (0·09)	0·22 (0·08)
Coffee essences	−0·11 (0·91)	−0·22 (0·93)
Cocoa and drinking chocolate	0·18 (0·23)	0·10 (0·19)
Branded food drinks	−0·57 (0·28)	−0·55 (0·28)
<i>Total beverages</i>	<i>0·12 (0·04)</i>	<i>−0·07 (0·04)</i>
MISCELLANEOUS:		
Baby foods, canned or bottled	−0·88 (0·18)	−0·90 (0·21)
Soups, canned	−0·13 (0·09)	−0·12 (0·09)
Soups, dehydrated and powdered	−0·17 (0·09)	0·18 (0·11)
Spreads and dressings	0·98 (0·06)	0·87 (0·07)
Pickles and sauces	0·29 (0·10)	0·28 (0·10)
Meat and yeast extracts	−0·10 (0·14)	−0·05 (0·17)
Table jellies, squares and crystals	0·15 (0·12)	0·19 (0·13)
Ice-cream, mousse	0·69 (0·09)	0·71 (0·09)
All frozen convenience foods, not specified elsewhere	1·55 (1·39)	2·11 (1·65)
Salt	0·02 (0·16)	−0·06 (0·19)
Novel protein foods	0·49 (0·68)	0·60 (0·71)
ALL ABOVE FOODS	<i>0·21 (0·02)</i>	<i>n.a.</i>

(a) Figures in brackets are the standard errors of the elasticity coefficients.

(b) Excluding welfare milk and school milk.

TABLE 3
Estimates of price elasticities of demand for certain foods, 1976-1981

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
MILK:					
Liquid milk, full price (g)	4	-0.24 (0.11)	S and A	0.08	0.90
Condensed milk	9	-0.86 (0.76)	S and A	0.02	0.52
Milk, dried, branded	11	na	na	—	—
Instant milk	12	na	na	—	—
Yoghurt	13	-1.01 (0.59)	S and A	0.05	0.85
Other milk	14	-1.21 (0.16)	A	0.47	0.81
CHEESE:					
Cheese, processed	23	-0.77 (0.41)	[S] and A	0.06	0.46
MEAT:					
Beef and veal (g)(h)	31	-2.05 (0.28)	S and A	0.50	0.72
Mutton and lamb (g)(h)	36	-1.43 (0.28)	S and A	0.33	0.64
Pork (g)(h)	41	-2.01 (0.23)	S and A	0.59	0.78
All carcase meat	31, 36, 41	-1.70 (0.26)	S and A	0.45	0.70
Liver (h)	46	-0.29 (0.28)	S and A	0.02	0.43
Offals, other than liver	51	-0.86 (0.27)	S and A	0.16	0.64
All offals, including liver	46, 51	-0.64 (0.27)	S and A	0.09	0.62
Bacon and ham, uncooked (g)	55	-0.57 (0.34)	[S] and A	0.05	0.38
Bacon and ham, cooked, including canned	58	-0.60 (0.14)	S	0.25	0.75
Poultry, cooked	59	-1.14 (0.29)	S and A	0.22	0.59
Corned meat	62	-1.23 (0.36)	S and A	0.18	0.68
Other cooked meat not canned	66	-0.19 (0.30)	S and [A]	0.01	0.53
Other canned meat, excluding corned meat	71	-0.74 (0.42)	[S] and A	0.05	0.52
Other cooked and canned meat	66, 71	-0.99 (0.27)	S and A	0.20	0.61

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
MEAT—continued					
Broiler chicken, uncooked, including frozen	73	-0.58 (0.29)	S and A	0.07	0.48
Other poultry, uncooked	77	-0.68 (0.60)	S and A	0.02	0.66
Sausages, uncooked, pork	79	-1.39 (0.49)	S and A	0.13	0.46
Sausages, uncooked, beef	80	-0.89 (0.55)	S and A	0.05	0.53
Sausages, pork and/or beef, uncooked	79, 80	-1.20 (0.58)	S and A	0.07	0.54
Meat pies and sausage rolls, ready-to-eat	83	-0.96 (0.37)	S and A	0.11	0.72
Frozen convenience meats and frozen convenience meat products	88	-1.41 (0.30)	S and A	0.29	0.64
Other meat products	94	-0.47 (0.26)	(S) and A	0.06	0.60
Meat products, other than uncooked sausages	83, 88, 94	-0.73 (0.30)	S and A	0.10	0.65
All meat and meat products	31-41, 46-94	-1.02 (0.28)	S and A	0.25	0.65
FISH:					
Fresh white fish, filleted	100	-1.18 (0.49)	S and A	0.10	0.58
Fresh white fish, unfileted	105	-1.59 (0.33)	(S) and A	0.30	0.65
Frozen white fish	110	-1.96 (0.39)	S and A	0.32	0.57
Fish, fat, fresh, other than herrings	113	-0.01 (0.28)	(S) and A	...	0.31
Processed white fish	114	-0.95 (0.34)	(S)	0.12	0.26
Uncooked white fish, including smoked and frozen	100, 105, 110, 114	-0.60 (0.12)	S	0.29	0.49
Processed fat fish, filleted	115	-0.75 (0.23)	(S) and A	0.17	0.41
Shellfish	117	-0.26 (0.28)	S and A	0.01	0.46
Cooked fish	118	-0.55 (0.52)	S and A	0.02	0.66
Canned salmon	119	-1.66 (0.26)	S	0.41	0.57
Other canned or bottled fish	120	-0.58 (0.22)	S and A	0.12	0.71

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
<i>FISH—continued</i>					
Fish products, not frozen	123	-0.88 (0.25)	[S]	0.18	0.34
Frozen convenience fish and frozen convenience fish products	127	-0.67 (0.18)	[S]	0.19	0.30
Frozen white fish and frozen convenience fish products	110, 127	-0.90 (0.13)	[S]	0.45	0.49
EGGS	129	-0.12 (0.16)	S and A	0.01	0.60
<i>FATS:</i>					
Butter (g)(h)	135	-0.15 (0.11)	[S] and A	0.04	0.82
Margarine (g)(h)	138	-0.68 (0.28)	S and A	0.10	0.81
Vegetable and salad oils	143	-0.66 (0.42)	[S] and A	0.04	0.59
All other fats	148	-1.08 (0.21)	S and A	0.34	0.82
<i>SUGAR AND PRESERVES:</i>					
Sugar	150	na	na	—	—
Jams, jellies, fruit curds	151	-0.06 (0.47)	S and A	0.08	0.60
Marmalade	152	-1.34 (0.61)	[S] and A	0.12	0.33
Syrup and treacle	153	-1.26 (0.45)	S	0.13	0.51
Honey	154	-0.79 (0.27)	S	0.13	0.24
<i>VEGETABLES:</i>					
Potatoes, excluding potato products	156-161	-0.15 (0.05)	S and A	0.17	0.79
Cabbages, fresh	162	-0.17 (0.07)	S and A	0.09	0.48
Cauliflowers, fresh	164	-2.16 (0.19)	S	0.69	0.86
Leafy salads, fresh	167	-0.76 (0.12)	S	0.40	0.94
Peas, fresh (l)	168	-3.79 (0.59)	S and A	0.82	0.93

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
VEGETABLES—continued					
Beans, fresh (1)	169	-1.76 (0.15)	S and A	0.88	0.97
Brassicas	162, 163, 164, 171	-0.72 (0.06)	S	0.71	0.84
Carrots, fresh	172	-0.46 (0.07)	S and A	0.44	0.90
Turnips and swedes, fresh	173	-0.38 (0.28)	S and [A]	0.03	0.93
Other root vegetables, fresh	174	-0.39 (0.18)	S and A	0.08	0.87
Onions, shallots and leeks, fresh	175	-0.48 (0.06)	S	0.54	0.71
Cucumbers, fresh	176	-0.60 (0.26)	S and [A]	0.09	0.95
Mushrooms, fresh	177	-0.41 (0.33)	S and A	0.03	0.66
Tomatoes, fresh	178	-0.52 (0.09)	S	0.35	0.94
Miscellaneous fresh vegetables	183	-1.12 (0.29)	S and A	0.22	0.79
Tomatoes, canned and bottled	184	-1.33 (0.41)	S and [A]	0.16	0.77
Canned peas	185	-0.40 (0.55)	[S] and A	0.01	0.53
Canned beans	188	-0.34 (0.36)	S and [A]	0.02	0.34
Canned vegetables, other than pulses, potatoes or tomatoes	191	-1.79 (0.40)	S and A	0.27	0.55
Canned vegetables excluding potatoes and tomatoes	185, 188, 191	-0.46 (0.51)	S and A	0.01	0.39
Dried pulses, other than air-dried	192	-1.47 (0.28)	S and A	0.33	0.67
Vegetable juices	196	-1.20 (0.19)	S and A	0.37	0.37
Chips, excluding frozen	197	-1.42 (0.34)	S and A	0.25	0.79
Instant potato	198	-1.24 (0.33)	[S] and A	0.21	0.60
Canned potato	199	-1.67 (0.76)	[S] and A	0.08	0.38
Crisps and other potato products, not frozen	200	-0.66 (0.27)	S and A	0.10	0.82
Other vegetable products	202	-0.30 (0.32)	S and A	0.02	0.70
Frozen peas	203	-0.99 (0.33)	S and A	0.14	0.59

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
VEGETABLES—continued					
Frozen beans	204	-1.11 (0.38)	S and [A]	0.13	0.68
Frozen chips and other frozen convenience potato products	205	-0.52 (0.33)	A	0.04	0.66
Processed potatoes, including frozen	197, 198, 199, } 200, 205	-0.90 (0.20)	S and A	0.27	0.88
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	-2.46 (0.37)	S and A	0.45	0.69
Frozen vegetables, excluding potatoes	203, 204, 208	-1.10 (0.48)	S and A	0.09	0.62
All frozen vegetables	203, 204, 205, 208	-0.50 (0.42)	S and A	0.03	0.69
FRUIT:					
Oranges, fresh (g)	210	-0.87 (0.20)	S and A	0.27	0.96
Other citrus fruit, fresh	214	-1.37 (0.32)	S and A	0.26	0.92
All citrus fruit, fresh	210, 214	-0.93 (0.22)	S and A	0.25	0.96
Apples, fresh (g)	217	-0.32 (0.09)	S and A	0.19	0.75
Pears, fresh (g)	218	-1.40 (0.25)	S and A	0.37	0.83
Stone fruit, fresh (j)	221	-2.29 (0.38)	S	0.60	0.91
Grapes, fresh	222	-1.99 (0.33)	S and A	0.41	0.92
Soft fruit, fresh, other than grapes (i)	227	-5.69 (0.83)	S and A	0.84	0.97
Bananas, fresh	228	-0.79 (0.33)	S and [A]	0.10	0.71
Rhubarb, fresh (k)	229	na	na	—	—
Other fresh fruit (l)	231	-1.59 (0.35)	S and A	0.34	0.92
Canned peaches, pears and pineapples	233	-0.91 (0.40)	S and A	0.09	0.62
Other canned and bottled fruit	236	-0.07 (0.49)	[S] and A	...	0.70

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
FRUIT—continued					
All canned and bottled fruit	233, 236	-0.47 (0.39)	S and A	0.03	0.72
Dried fruit and fruit products	240	-0.19 (0.32)	S and A	0.01	0.91
Nuts and nut products	245	-0.24 (0.31)	S and [A]	0.01	0.87
Fruit juices	248	-1.20 (0.41)	S and A	0.14	0.91
CEREALS:					
Standard white loaves	251—254	-0.68 (0.22)	A	0.13	0.77
Brown bread	255	-1.31 (0.51)	A	0.09	0.60
Wholewheat and wholemeal bread	256	-2.28 (0.61)	[S] and A	0.21	0.87
Brown, wholewheat and wholemeal bread	255, 256	-1.23 (0.54)	[S] and A	0.09	0.83
All bread (g)	251—256, 263	-0.72 (0.19)	[S] and A	0.21	0.57
Flour	264	-0.60 (0.42)	[S] and [A]	0.04	0.25
Cakes and pastries	270	-0.46 (0.24)	S	0.06	0.64
Crispbread	271	-0.60 (0.31)	S and A	0.06	0.53
Biscuits, other than chocolate biscuits	274	-0.43 (0.22)	S and A	0.07	0.79
Chocolate biscuits	277	-0.95 (0.37)	S and A	0.11	0.64
All biscuits	271, 274, 277	-0.24 (0.20)	S and A	0.02	0.68
Oatmeal and oat products (g)	281	-0.95 (0.48)	S and A	0.07	0.65
Canned milk puddings	285	-0.30 (0.64)	[S] and A	...	0.65
Puddings, other than canned milk puddings	286	-0.52 (0.29)	S and A	0.06	0.89
Rice	287	-1.15 (0.34)	[S]	0.16	0.35
Infant cereal foods	291	na	na	—	—
Frozen convenience cereal foods	294	-0.22 (0.29)	S and A	0.01	0.71

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
CEREALS—continued					
Cereal convenience foods (including canned), not specified elsewhere	299	-0.74 (0.22)	[S] and A	0.17	0.52
Other cereal foods	301	-1.40 (0.15)		0.55	0.55
BEVERAGES:					
Tea (g)	304	-0.38 (0.08)	[S] and A	0.28	0.52
Coffee, bean and ground	307	-0.91 (0.38)	S and A	0.10	0.36
Instant coffee (g)	308	-0.58 (0.15)	[S] and A	0.22	0.72
Cocoa and drinking chocolate	312	-1.05 (0.31)	S and [A]	0.18	0.60
Branded food drinks	313	-1.85 (0.88)	S and A	0.08	0.41
MISCELLANEOUS:					
Baby foods, canned or bottled	315	-0.69 (0.51)	A	0.03	0.38
Dehydrated and powdered soups	319	-0.86 (0.25)	S	0.16	0.67
Spreads and dressings	323	-0.08 (0.49)	S and A	...	0.83
Pickles and sauces	327	-1.32 (0.22)	S	0.38	0.71
Meat and yeast extracts	328	-0.92 (0.31)	S and [A]	0.14	0.74
Table jellies, squares and crystals	329	na	na		
Ice-cream, mousse	332	-0.91 (0.37)	S and A	0.10	0.80
Supplementary classification of foods					
CHEESE:					
Natural hard:—					
Other UK varieties or foreign equivalents	19	-0.51 (0.60)	[S] and A	0.01	0.39
Edam and other continental	20	-1.61 (0.30)	[S] and A	0.34	0.53
Natural soft	21	-0.80 (0.44)	S and A	0.06	0.70

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
CARCASE MEAT:					
Beef:—					
joints (boned)	26	-1.75 (0.27)	S and A	0.44	0.67
steaks (less expensive)	27	-0.89 (0.41)	S and A	0.08	0.68
steaks (more expensive)	28	-2.01 (0.35)	[S] and A	0.37	0.56
minced	29	-0.81 (0.42)	[S] and A	0.06	0.47
Lamb:—					
joints (including sides)	33	-1.68 (0.33)	S and A	0.32	0.58
chops (including cutlets and fillets)	34	-1.14 (0.29)	S and A	0.22	0.59
all other	35	-0.37 (0.37)	S and [A]	0.02	0.51
Pork:—					
joints (including sides)	37	-2.48 (0.26)	S and A	0.62	0.73
chops	38	-0.81 (0.50)	[S] and A	0.05	0.71
all other	40	-0.09 (0.39)	S and A	...	0.44
OTHER MEAT AND MEAT PRODUCTS:					
Liver:—					
ox	42	-0.95 (0.37)	[S] and A	0.11	0.56
lamb	43	-1.02 (0.38)	[S] and A	0.12	0.41
pigs	44	-0.59 (0.15)	[S]	0.22	0.30

TABLE 3—continued

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained	
				by the price elasticity (d)	by the price elastic- ity and any signifi- cant seasonal or annual shifts in demand
FATS:					
Butter:-					
New Zealand	131	-0.80 (0.43)	S and A	0.06	0.45
Danish	132	-0.04 (0.46)	S and A	...	0.45
UK	133	-0.71 (0.47)	[S] and A	0.04	0.67
other	134	-0.40 (0.27)	[S] and A	0.04	0.84
Margarine:-					
soft (g)	136	-0.49 (0.31)	S and A	0.04	0.90
other	137	-0.13 (0.52)	[S] and A	...	0.65

(a) For further details of the items included in each category see Appendix A, Tables 7 and 7a.

(b) Calculated from monthly Survey data from 1976 to 1981 except where otherwise stated. The figures in brackets are estimates of the standard errors.

(c) Where S or A is shown in brackets this indicates that the shift in demand did not quite attain formal statistical significance at the customary 5 per cent level, but that it nevertheless appears to be real.

(d) This is the proportion of the variation in monthly average purchase explained by the price elasticity, once any variability due to seasonal or annual shifts in demand has been removed.

(e) Pence per lb deflated to year 1975 general price level, except for pence per pint of milk, yoghurt, cream, vegetable and salad oils, vegetable juices, fruit juices; per equivalent pint of condensed and instant milk; per one-tenth gallon of ice-cream; per egg.

(f) Ounces per person per week except for pints of milk, yoghurt, cream; fluid ounces of vegetable and salad oils, vegetable juices, fruit juices, ice-cream; equivalent pints of condensed and instant milk; number of eggs.

(g) Own-price elasticities for these commodities estimated in conjunction with cross-price elasticities are given in Table 5 of this Appendix.

(h) These foods are given in greater detail at the foot of this table under "Supplementary classifications".

(i) Calculated from data for June to August, 1976 to 1981.

(j) Calculated from data for June to October, 1976 to 1981.

(k) Calculated from data for January to August, 1976 to 1981.

(l) Calculated from data for April to December, 1976 to 1981.

TABLE 4

*Annual indices of average deflated prices (a), purchases and demand,
1976-1981*

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Liquid milk— full price	4	Prices	91	99	104	104	101	101
		Purchases	108	103	102	99	96	92
		Demand (c)	106	102	103	100	97	92
		Demand (d)	106	103	103	100	96	92
Condensed milk	9	Prices	99	94	100	99	102	106
		Purchases	119	113	92	102	96	83
		Demand (c)	118	107	92	102	98	87
		Demand (d)	117	106	91	102	99	87
Dried milk, branded	11	Prices	101	99	101	100	99	100
		Purchases	102	69	107	133	100	100
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Instant milk	12	Prices	111	103	100	100	97	90
		Purchases	79	95	108	107	103	112
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Yoghurt	13	Prices	108	104	100	98	99	92
		Purchases	72	74	95	110	133	135
		Demand (c)	78	77	94	108	132	124
		Demand (d)	82	82	95	105	125	120
Other milk	14	Prices	161	113	112	99	82	61
		Purchases	44	52	80	121	165	270
		Demand (c)	79	61	92	119	129	147
		Demand (d)	82	63	92	117	125	144
Cream	17	Prices	94	96	104	105	104	98
		Purchases	94	99	102	107	104	95
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Cheese, natural	22	Prices	90	97	102	105	104	102
		Purchases	98	100	98	101	102	102
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Cheese, processed	23	Prices	95	97	102	104	103	99
		Purchases	119	100	95	95	95	98
		Demand (c)	114	98	97	98	97	97
		Demand (d)	115	98	97	98	97	96
Total cheese	22, 23	Prices	91	97	102	105	104	102
		Purchases	99	100	97	100	102	102
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Beef and veal (e)	31	Prices	102	98	104	102	97	96
		Purchases	97	103	105	105	103	89
		Demand (c)	101	99	112	111	97	83
		Demand (d)	103	101	113	110	95	82
Mutton and lamb (e)	36	Prices	101	102	109	103	95	90
		Purchases	101	94	94	102	108	102
		Demand (c)	103	97	106	107	101	88
		Demand (d)	104	99	106	105	99	87

TABLE 4—continued
(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Pork (e)	41	Prices	110	100	108	101	94	89
		Purchases	80	94	97	104	118	111
		Demand (c)	97	93	114	106	103	88
		Demand (d)	99	96	114	105	101	87
All carcase meat	31, 36, 41	Prices	104	100	106	103	96	93
		Purchases	94	98	100	104	108	97
		Demand (c)	100	98	111	108	100	85
		Demand (d)	102	100	111	107	98	84
Liver	46	Prices	115	102	105	110	92	80
		Purchases	101	108	104	96	96	95
		Demand (c)	106	109	106	98	94	89
		Demand (d)	105	108	106	99	95	90
Offals, other than liver	51	Prices	104	102	104	101	102	88
		Purchases	116	112	97	93	90	95
		Demand (c)	120	114	100	94	92	85
		Demand (d)	122	117	100	93	90	84
All offals, including liver	46, 51	Prices	111	102	105	108	95	82
		Purchases	106	110	102	95	94	95
		Demand (c)	113	111	105	99	91	84
		Demand (d)	113	111	105	99	91	84
Bacon and ham, uncooked (e)	55	Prices	114	102	103	101	94	89
		Purchases	95	103	102	102	99	98
		Demand (c)	103	104	104	103	96	92
		Demand (d)	104	105	104	102	94	91
Bacon and ham, cooked including canned	58	Prices	112	101	103	101	95	89
		Purchases	93	97	102	103	100	107
		Demand (c)	99	97	103	103	97	100
		Demand (d)	101	99	103	103	96	99
Poultry, cooked	59	Prices	96	96	107	102	101	98
		Purchases	87	90	85	121	105	119
		Demand (c)	83	86	91	124	106	116
		Demand (d)	86	90	92	121	102	113
Corned meat	62	Prices	110	105	93	99	100	94
		Purchases	92	104	117	100	94	96
		Demand (c)	104	110	107	98	94	89
		Demand (d)	103	110	107	99	94	89
Other cooked meat, not canned	66	Prices	104	98	105	106	96	92
		Purchases	102	95	100	100	102	101
		Demand (c)	103	95	101	101	101	99
		Demand (d)	102	94	100	101	103	100
Other canned meat, excluding corned meat	71	Prices	107	106	104	97	96	90
		Purchases	120	98	98	104	91	91
		Demand (c)	127	102	101	102	88	85
		Demand (d)	124	100	101	103	90	86
Other cooked and canned meat	66, 71	Prices	103	102	105	100	98	93
		Purchases	115	97	98	103	94	94
		Demand (c)	119	99	103	103	91	87
		Demand (d)	117	97	102	104	94	88
Broiler chicken, uncooked, including frozen (e)	73	Prices	101	102	104	105	98	90
		Purchases	95	95	98	103	102	108
		Demand (c)	95	96	101	106	101	101
		Demand (d)	96	97	101	105	100	101

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Other poultry, uncooked, including frozen . . .	77	Prices	100	103	102	100	102	93
		Purchases	89	92	91	105	104	123
		Demand (c)	89	94	92	105	105	118
		Demand (d)	93	100	93	102	100	114
Sausages, uncooked, pork . . .	79	Prices	106	101	103	101	97	93
		Purchases	101	105	98	102	96	99
		Demand (c)	109	106	102	104	92	89
		Demand (d)	110	107	102	103	91	89
Sausages, uncooked, beef . . .	80	Prices	105	100	103	101	98	93
		Purchases	92	98	110	103	95	103
		Demand (c)	96	98	113	104	94	96
		Demand (d)	94	96	113	105	95	97
Sausages, pork and/or beef, uncooked . . .	79, 80	Prices	106	101	103	101	98	93
		Purchases	97	102	104	103	95	100
		Demand (c)	103	102	107	104	93	92
		Demand (d)	103	102	107	104	93	92
Meat pies and sausage rolls, ready-to-eat . . .	83	Prices	102	98	101	102	100	97
		Purchases	99	102	103	100	91	106
		Demand (c)	100	100	104	102	91	103
		Demand (d)	102	102	105	101	90	102
Frozen convenience meats and frozen convenience meat products . . .	88	Prices	101	101	103	101	100	93
		Purchases	87	93	92	103	117	111
		Demand (c)	89	95	97	105	117	101
		Demand (d)	90	97	97	104	115	99
Other meat products . . .	94	Prices	96	97	101	102	102	101
		Purchases	88	93	105	103	105	108
		Demand (c)	86	92	105	104	106	108
		Demand (d)	87	92	105	104	106	108
Meat products, other than cooked sausages . . .	83, 88, 94	Prices	98	98	101	102	102	98
		Purchases	90	95	101	102	106	108
		Demand (c)	88	93	102	104	107	107
		Demand (d)	89	94	102	103	106	106
All meat and meat products . . .	31-41, 46-94	Prices	105	101	104	102	97	91
		Purchases	95	98	100	103	103	101
		Demand (c)	99	99	104	105	100	93
		Demand (d)	100	101	105	104	99	92
Fresh white fish, filleted . . .	100	Prices	100	107	109	106	95	86
		Purchases	88	89	103	104	104	114
		Demand (c)	88	97	114	111	98	95
		Demand (d)	88	97	113	111	98	95
Fresh white fish, unfileted . . .	105	Prices	103	107	107	104	92	88
		Purchases	167	143	102	78	77	69
		Demand (c)	175	160	113	83	68	56
		Demand (d)	178	163	114	83	66	55
Frozen white fish . . .	110	Prices	101	111	109	108	95	80
		Purchases	100	81	95	94	116	120
		Demand (c)	102	98	111	110	105	78
		Demand (d)	104	101	112	109	102	76
Fresh fat fish, other than herrings . . .	113	Prices	88	98	126	88	104	100
		Purchases	71	97	83	117	132	113
		Demand (c)	71	97	83	117	132	113
		Demand (d)	75	104	84	113	125	108

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Processed white fish	114	Prices	94	103	107	109	96	92
		Purchases	104	92	93	99	106	107
		Demand (c)	97	95	100	109	102	98
		Demand (d)	99	97	101	107	100	96
Uncooked white fish, including smoked and frozen	100, 105, 110, 114	Prices	99	106	108	107	96	86
		Purchases	102	94	98	97	102	108
		Demand (c)	101	97	103	101	100	99
		Demand (d)	102	98	103	100	99	98
Processed fat fish, filleted	115	Prices	92	102	105	104	109	91
		Purchases	97	86	89	99	110	123
		Demand (c)	91	87	93	102	117	114
		Demand (d)	94	90	93	100	114	112
Shellfish	117	Prices	94	98	100	109	101	99
		Purchases	96	81	101	97	126	105
		Demand (c)	95	81	101	99	126	104
		Demand (d)	102	89	103	94	115	98
Cooked fish	118	Prices	97	104	106	102	98	94
		Purchases	98	75	96	111	109	118
		Demand (c)	96	77	99	112	107	114
		Demand (d)	95	76	98	113	109	115
Canned salmon	119	Prices	111	121	108	101	85	79
		Purchases	91	80	77	87	135	152
		Demand (c)	109	110	88	88	104	103
		Demand (d)	122	114	89	87	100	101
Other canned/bottled fish	120	Prices	97	101	113	108	95	89
		Purchases	116	102	86	92	101	106
		Demand (c)	114	103	92	96	98	99
		Demand (d)	115	104	93	95	97	98
Fish products not frozen	123	Prices	108	106	105	96	97	90
		Purchases	101	80	105	105	102	109
		Demand (c)	108	84	109	102	99	99
		Demand (d)	106	83	109	103	101	101
Frozen convenience fish products	127	Prices	96	104	110	105	97	90
		Purchases	97	99	91	101	106	107
		Demand (c)	95	101	97	105	104	99
		Demand (d)	95	102	97	104	103	99
Frozen white fish and frozen convenience fish products	110, 127	Prices	98	106	110	106	96	86
		Purchases	98	92	92	98	110	112
		Demand (c)	97	97	100	104	106	98
		Demand (d)	98	98	100	103	105	97
Eggs	129	Prices	108	106	97	100	97	93
		Purchases	105	101	102	101	96	95
		Demand (c)	106	102	102	101	96	94
		Demand (d)	106	102	102	101	96	94
Total butter (e)	135	Prices	93	99	104	110	100	96
		Purchases	117	106	103	111	92	84
		Demand (c)	115	106	104	103	92	83
		Demand (d)	116	108	104	102	91	83
Total margarine (e)	138	Prices	106	115	110	100	90	83
		Purchases	85	96	99	101	106	115
		Demand (c)	89	106	105	101	99	101
		Demand (d)	88	104	105	102	100	102

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Vegetable and salad oils	143	Prices	115	122	112	101	84	75
		Purchases	78	79	108	94	135	118
		Demand (c)	86	90	117	95	120	97
		Demand (d)	89	94	118	93	116	94
All other fats	148	Prices	106	112	107	102	94	83
		Purchases	77	81	86	101	125	148
		Demand (c)	82	91	92	103	116	121
		Demand (d)	82	92	93	103	116	120
All fats	135, 138, 139, 143, 148	Prices	102	107	107	106	94	86
		Purchases	99	99	101	100	101	100
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Sugar	150	Prices	112	100	99	100	96	93
		Purchases	105	104	102	99	96	95
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Jams, jellies and fruit curds	151	Prices	107	104	105	100	94	91
		Purchases	107	110	103	99	91	91
		Demand (c)	108	111	103	99	91	91
		Demand (d)	107	110	103	99	91	91
Marmalade	152	Prices	106	104	105	100	95	91
		Purchases	101	110	94	98	98	99
		Demand (c)	110	116	101	98	91	88
		Demand (d)	111	117	101	97	90	87
Syrup, treacle	153	Prices	101	95	96	106	102	99
		Purchases	109	119	96	97	91	91
		Demand (c)	111	112	91	105	93	91
		Demand (d)	111	112	91	105	93	90
Honey	154	Prices	105	108	105	98	98	88
		Purchases	100	77	102	109	105	111
		Demand (c)	105	82	106	107	103	100
		Demand (d)	107	85	106	105	100	98
Potatoes, excluding potato products	156-161	Prices	217	118	74	92	76	76
		Purchases	84	97	108	109	101	104
		Demand (c)	95	99	103	108	96	100
		Demand (d)	94	98	103	108	98	100
Cabbages, fresh	162	Prices	114	111	85	111	93	91
		Purchases	105	89	106	99	100	102
		Demand (c)	108	90	103	101	99	100
		Demand (d)	107	90	103	101	99	100
Cauliflowers, fresh	164	Prices	100	110	95	119	94	86
		Purchases	93	91	117	66	114	134
		Demand (c)	93	112	104	96	99	96
		Demand (d)	94	114	105	96	98	95
Leafy salads, fresh	167	Prices	114	105	102	106	86	90
		Purchases	91	87	101	102	114	108
		Demand (c)	100	90	102	107	101	100
		Demand (d)	103	93	103	105	98	98

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Peas, fresh . . .	168	Prices	104	90	106	112	88	102
		Purchases	103	114	98	94	127	73
		Demand (c)	121	77	121	144	78	79
		Demand (d)	121	77	121	144	77	79
Beans, fresh . . .	169	Prices	103	110	99	109	87	96
		Purchases	111	92	118	87	121	79
		Demand (c)	117	109	115	100	94	73
		Demand (d)	119	110	115	99	92	72
Brassicas . . .	162, 163, 164, 171	Prices	109	114	88	111	91	90
		Purchases	95	89	112	93	106	106
		Demand (c)	102	98	102	100	100	99
		Demand (d)	102	98	102	100	99	99
Carrots, fresh . . .	172	Prices	119	121	80	100	92	95
		Purchases	92	82	109	107	107	106
		Demand (c)	99	90	98	107	103	104
		Demand (d)	100	91	99	107	102	103
Turnips and swedes, fresh . . .	173	Prices	116	112	88	110	89	90
		Purchases	94	78	115	98	115	104
		Demand (c)	100	82	110	102	110	100
		Demand (d)	98	80	109	103	113	101
Other root veg- etables, fresh	174	Prices	107	102	91	97	96	108
		Purchases	93	99	110	107	105	88
		Demand (c)	96	100	106	105	103	91
		Demand (d)	97	102	106	105	102	90
Onions, shallots and leaks, fresh . . .	175	Prices	134	111	84	96	93	89
		Purchases	86	93	103	106	104	110
		Demand (c)	99	98	94	103	101	104
		Demand (d)	100	100	95	103	100	103
Cucumbers, fresh . . .	176	Prices	112	104	103	103	96	85
		Purchases	84	95	96	98	112	118
		Demand (c)	90	98	97	100	109	107
		Demand (d)	93	102	98	98	105	104
Mushrooms, fresh . . .	177	Prices	95	97	104	108	106	91
		Purchases	87	91	96	100	109	121
		Demand (c)	85	90	97	104	112	116
		Demand (d)	89	96	98	100	105	112
Tomatoes, fresh . . .	178	Prices	109	108	111	96	97	82
		Purchases	92	96	96	101	105	110
		Demand (c)	97	100	101	99	103	100
		Demand (d)	99	102	102	98	101	98
Miscellaneous fresh vegetables . . .	183	Prices	90	97	102	110	102	100
		Purchases	84	79	99	97	125	127
		Demand (c)	74	77	101	107	128	127
		Demand (d)	77	80	102	105	123	124
Tomatoes, canned and bottled . . .	184	Prices	122	121	113	103	86	68
		Purchases	84	94	92	101	113	121
		Demand (c)	110	120	109	105	93	72
		Demand (d)	111	122	109	104	91	71
Canned peas . . .	185	Prices	107	105	103	98	97	91
		Purchases	113	101	98	107	89	94
		Demand (c)	116	103	99	106	88	90
		Demand (d)	112	98	98	108	92	93

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Canned beans	188	Prices	116	107	105	95	93	87
		Purchases	99	99	98	102	99	103
		Demand (c)	104	101	100	100	97	98
		Demand (d)	103	100	100	101	97	99
Canned vegetables, other than pulses, potatoes or tomatoes	191	Prices	106	109	103	97	96	90
		Purchases	109	93	87	106	103	103
		Demand (c)	121	109	92	100	96	86
		Demand (d)	120	108	92	100	97	87
Canned vegetables, excluding potatoes and tomatoes (e)	185, 188, 191	Prices	111	106	103	96	95	89
		Purchases	105	99	96	104	96	100
		Demand (c)	110	102	98	102	94	95
		Demand (d)	108	100	97	103	96	96
Dried pulses, other than air-dried	192	Prices	109	113	102	101	91	87
		Purchases	91	86	122	90	96	120
		Demand (c)	103	103	126	91	84	98
		Demand (d)	102	101	125	92	85	99
Vegetable juices	196	Prices	105	99	103	112	92	90
		Purchases	86	103	89	101	118	107
		Demand (c)	91	102	92	116	107	94
		Demand (d)	99	114	94	110	97	88
Chips, excluding frozen	197	Prices	129	116	94	96	87	85
		Purchases	89	73	100	113	112	122
		Demand (c)	128	91	91	106	92	96
		Demand (d)	126	89	91	107	94	98
Instant potato	198	Prices	143	131	96	91	82	74
		Purchases	178	106	87	87	88	80
		Demand (c)	279	147	83	77	69	55
		Demand (d)	275	145	83	78	70	56
Canned potato	199	Prices	121	116	94	89	92	92
		Purchases	179	95	89	99	78	86
		Demand (c)	247	122	80	82	67	75
		Demand (d)	252	125	80	81	66	74
Crisps and other potato products, not frozen	200	Prices	103	110	101	98	97	93
		Purchases	85	80	99	104	113	127
		Demand (c)	86	85	99	103	111	121
		Demand (d)	87	86	99	102	110	120
Other vegetable products	202	Prices	107	105	99	96	98	96
		Purchases	92	84	100	115	107	104
		Demand (c)	94	85	100	113	106	103
		Demand (d)	98	89	101	111	102	100
Frozen peas	203	Prices	109	112	97	103	91	89
		Purchases	88	99	97	102	111	103
		Demand (c)	96	111	94	106	102	92
		Demand (d)	100	116	95	103	98	90
Frozen beans	204	Prices	117	117	102	100	89	81
		Purchases	85	96	96	109	107	109
		Demand (c)	100	115	99	108	94	86
		Demand (d)	105	122	100	105	89	83
Frozen chips and other frozen convenience potato products	205	Prices	151	121	84	94	88	79
		Purchases	68	68	91	93	142	179
		Demand (c)	84	75	83	90	133	159
		Demand (d)	89	81	84	87	125	152

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Processed potatoes, including frozen .	197, 198, 199, 200, 205	Prices	123	118	97	98	88	82
		Purchases	89	75	94	101	117	135
		Demand (c)	107	87	92	98	105	113
		Demand (d)	109	89	92	98	103	112
All frozen vegetables and frozen vegetable products, not specified elsewhere .	208	Prices	116	115	102	103	90	80
		Purchases	86	83	83	118	117	123
		Demand (c)	123	118	88	125	90	70
		Demand (d)	129	126	89	121	84	68
Frozen vegetables, excluding potatoes (e) .	203, 204, 208	Prices	113	113	99	103	91	85
		Purchases	86	95	93	107	112	109
		Demand (c)	98	108	92	111	100	92
		Demand (d)	103	114	93	108	96	89
All frozen vegetables .	203, 204, 205, 208	Prices	120	115	97	102	90	82
		Purchases	82	89	91	104	117	123
		Demand (c)	90	95	90	105	111	112
		Demand (d)	94	101	91	102	105	108
Oranges, fresh (e) .	210	Prices	106	105	104	104	94	89
		Purchases	102	102	94	99	106	97
		Demand (c)	107	107	97	103	100	88
		Demand (d)	110	111	97	101	97	86
Other citrus fruit, fresh .	214	Prices	105	103	102	105	98	88
		Purchases	87	92	104	99	113	107
		Demand (c)	94	96	108	105	110	89
		Demand (d)	99	103	109	102	103	86
All citrus fruit .	210, 214	Prices	105	105	104	104	95	89
		Purchases	96	98	97	100	108	101
		Demand (c)	100	102	100	104	103	91
		Demand (d)	104	107	101	101	99	88
Apples, fresh (e)	217	Prices	100	127	114	88	90	88
		Purchases	104	88	95	112	102	101
		Demand (c)	103	95	99	107	98	97
		Demand (d)	106	99	100	106	95	95
Pears, fresh (e) .	218	Prices	100	117	115	98	90	84
		Purchases	90	91	73	107	114	138
		Demand (c)	89	113	89	105	99	108
		Demand (d)	92	117	89	103	95	106
Stone fruit, fresh .	221	Prices	97	111	102	96	91	105
		Purchases	76	77	97	125	139	101
		Demand (c)	71	97	101	115	112	112
		Demand (d)	74	102	101	113	107	109
Grapes, fresh .	222	Prices	93	121	113	99	97	82
		Purchases	92	58	69	116	130	179
		Demand (c)	80	84	89	114	122	119
		Demand (d)	84	89	90	111	117	115
Soft fruit, fresh, other than grapes	227	Prices	94	119	122	109	76	89
		Purchases	62	79	78	107	215	114
		Demand (c)	44	211	242	173	45	57
		Demand (d)	46	222	243	170	43	56
Bananas, fresh .	228	Prices	101	104	106	101	98	91
		Purchases	96	100	100	96	103	105
		Demand (c)	97	103	104	97	101	98
		Demand (d)	99	106	105	96	99	96

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Rhubarb, fresh	229	Prices	96	117	107	115	85	85
		Purchases	81	119	121	73	144	82
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Other fresh fruit	231	Prices	99	117	109	102	93	85
		Purchases	76	58	78	115	151	168
		Demand (c)	75	74	89	118	134	128
		Demand (d)	81	82	90	112	123	122
Canned peaches, pears and pineapples	233	Prices	105	113	113	104	90	80
		Purchases	107	99	102	98	99	95
		Demand (c)	111	111	114	101	91	77
		Demand (d)	113	112	114	101	90	76
Other canned and bottled fruit	236	Prices	101	104	111	105	94	87
		Purchases	129	115	104	90	88	82
		Demand (c)	129	115	105	90	88	81
		Demand (d)	131	118	105	89	86	80
All canned and bottled fruit	233, 236	Prices	103	108	112	104	92	83
		Purchases	117	107	103	94	94	88
		Demand (c)	119	111	109	96	90	81
		Demand (d)	121	113	109	95	89	80
Dried fruit and dried fruit products	240	Prices	83	110	109	110	100	92
		Purchases	116	100	104	98	95	90
		Demand (c)	112	101	105	100	95	89
		Demand (d)	114	104	106	99	92	87
Nuts and nut products	245	Prices	93	105	110	103	99	91
		Purchases	98	98	90	101	110	105
		Demand (c)	96	99	92	102	110	103
		Demand (d)	102	106	93	98	103	99
Fruit juices	248	Prices	112	105	111	104	92	80
		Purchases	61	66	86	104	147	189
		Demand (c)	70	70	97	109	133	145
		Demand (d)	75	77	99	104	123	137
Standard white loaves	251-254	Prices	92	96	105	106	103	98
		Purchases	110	108	104	96	91	92
		Demand (c)	104	105	108	100	93	90
		Demand (d)	103	103	107	101	95	92
Brown bread	255	Prices	97	99	105	103	100	97
		Purchases	88	87	93	111	120	107
		Demand (c)	84	85	99	115	120	102
		Demand (d)	86	87	100	113	117	101
Wholewheat and wholemeal bread	256	Prices	96	98	106	106	101	94
		Purchases	64	73	68	110	150	189
		Demand (c)	59	70	77	125	153	166
		Demand (d)	61	74	78	121	145	160
All wholewheat, wholemeal and brown bread	255, 256	Prices	97	98	105	103	100	96
		Purchases	81	83	86	109	126	125
		Demand (c)	78	81	92	114	126	119
		Demand (d)	80	84	93	112	122	116
All bread (e)	251-256, 263	Prices	92	96	103	105	104	99
		Purchases	104	103	100	98	97	98
		Demand (c)	98	99	103	102	100	98
		Demand (d)	97	99	103	102	101	98

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Flour	264	Prices	95	108	114	105	94	88
		Purchases	102	108	99	96	96	99
		Demand (c)	98	113	107	99	92	92
		Demand (d)	97	111	107	100	94	93
Buns, scones and teacakes	267	Prices	99	101	104	101	99	97
		Purchases	106	101	105	108	91	91
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Cakes and pastries	270	Prices	100	99	104	101	99	96
		Purchases	102	101	96	102	99	101
		Demand (c)	102	100	98	102	99	99
		Demand (d)	103	102	98	101	97	98
Crispbread	271	Prices	94	103	101	103	95	104
		Purchases	97	92	105	94	99	115
		Demand (c)	93	94	106	96	96	117
		Demand (d)	95	97	106	94	94	115
Biscuits, other than chocolate biscuits	274	Prices	101	101	105	101	100	93
		Purchases	105	106	99	99	97	94
		Demand (c)	105	106	101	100	97	91
		Demand (d)	105	106	101	100	97	91
Chocolate biscuits	277	Prices	97	101	104	104	102	92
		Purchases	93	88	101	107	104	110
		Demand (c)	90	88	105	112	106	102
		Demand (d)	92	91	105	110	104	100
All biscuits	271, 274, 277	Prices	98	98	104	103	101	95
		Purchases	102	102	100	101	98	98
		Demand (c)	102	101	101	101	98	97
		Demand (d)	102	102	101	101	98	96
Oatmeal and oat products (e)	281	Prices	104	105	105	96	97	94
		Purchases	105	109	103	93	92	100
		Demand (c)	109	114	108	90	89	94
		Demand (d)	108	112	107	90	90	95
Breakfast cereals (e)	282	Prices	101	101	100	99	100	99
		Purchases	95	97	102	100	103	104
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Canned milk puddings	285	Prices	102	97	99	103	99	101
		Purchases	129	113	100	100	80	85
		Demand (c)	130	112	99	101	80	86
		Demand (d)	127	108	99	103	83	88
Puddings, other than canned	286	Prices	96	102	108	101	98	95
		Purchases	118	99	108	101	93	84
		Demand (c)	116	100	112	102	92	82
		Demand (d)	117	101	113	101	92	81
Rice	287	Prices	100	106	109	108	94	85
		Purchases	85	96	86	97	130	114
		Demand (c)	85	103	94	106	121	95
		Demand (d)	87	105	95	104	119	93
Infant cereal foods	291	Prices	87	93	103	110	105	103
		Purchases	106	88	108	114	95	92
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Frozen convenience cereal foods	294	Prices	93	85	101	108	108	107
		Purchases	75	75	93	103	127	146
		Demand (c)	74	73	94	104	129	148
		Demand (d)	79	79	95	100	120	141
Cereal convenience foods	299	Prices	96	99	103	99	102	102
		Purchases	91	97	98	104	107	104
		Demand (c)	88	96	100	103	109	106
		Demand (d)	87	95	100	103	109	106
Other cereal foods	301	Prices	113	108	96	103	87	96
		Purchases	91	84	103	94	117	115
		Demand (c)	108	93	97	98	96	109
		Demand (d)	111	97	97	96	93	106
Tea (e)	304	Prices	79	130	123	102	90	86
		Purchases	107	99	97	102	99	96
		Demand (c)	98	110	105	103	95	91
		Demand (d)	97	109	104	104	96	91
Coffee, bean and ground	307	Prices	77	139	127	103	94	76
		Purchases	106	83	76	99	119	126
		Demand (c)	84	112	95	101	113	99
		Demand (d)	93	127	97	95	101	92
Instant coffee (e)	308	Prices	80	138	128	102	92	75
		Purchases	106	75	94	108	113	109
		Demand (c)	93	90	109	109	108	92
		Demand (d)	95	93	110	108	105	91
Cocoa and drinking chocolate	312	Prices	75	93	132	115	104	91
		Purchases	108	116	88	91	90	111
		Demand (c)	80	107	118	106	94	100
		Demand (d)	80	108	119	105	92	100
Branded food drinks	313	Prices	101	103	114	104	93	87
		Purchases	93	108	90	123	98	92
		Demand (c)	94	114	115	133	86	71
		Demand (d)	93	112	115	134	87	72
Baby foods, canned and bottled	315	Prices	89	95	102	103	105	107
		Purchases	160	102	91	108	87	71
		Demand (c)	148	99	92	110	91	74
		Demand (d)	137	90	91	115	98	78
Canned soups	318	Prices	104	105	103	98	97	93
		Purchases	111	97	95	104	97	98
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Dehydrated and powdered soups	319	Prices	98	97	101	95	105	105
		Purchases	102	93	100	114	92	101
		Demand (c)	100	90	101	109	96	105
		Demand (d)	101	92	101	108	94	104
Spreads and dressings	323	Prices	104	103	111	97	95	92
		Purchases	81	91	95	104	116	119
		Demand (c)	81	92	95	104	115	118
		Demand (d)	84	95	96	102	112	116
Pickles and sauces	327	Prices	106	104	104	99	96	93
		Purchases	92	93	98	102	102	114
		Demand (c)	99	98	103	100	97	103
		Demand (d)	101	100	103	99	95	102

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
Meat and yeast extracts . . .	328	Prices	109	107	103	95	94	93
		Purchases	94	100	94	103	102	107
		Demand (c)	102	107	97	99	97	100
		Demand (d)	102	107	97	99	97	99
Table jellies, squares and crystals	329	Prices	124	110	103	97	88	84
		Purchases	116	102	103	93	97	92
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Ice-cream, mousse . . .	332	Prices	108	103	98	102	99	91
		Purchases	80	89	104	100	116	115
		Demand (c)	86	92	102	102	115	105
		Demand (d)	90	98	104	99	109	101
<i>Supplementary classification of foods</i>								
CHEESE:								
Natural hard:— Cheddar and Cheddar type	18	Prices	90	97	101	106	104	102
		Purchases	98	102	98	100	99	104
		Demand (c)	na	na	na	na	na	na
		Demand (d)	na	na	na	na	na	na
Other UK varieties or foreign equivalents . . .	19	Prices	89	98	103	106	102	102
		Purchases	114	95	99	100	106	87
		Demand (c)	108	94	101	104	107	88
		Demand (d)	109	96	101	103	105	87
Edam and other continental . . .	20	Prices	93	96	102	100	108	102
		Purchases	91	100	93	106	113	99
		Demand (c)	81	93	96	106	127	102
		Demand (d)	84	98	98	104	121	98
Natural soft . . .	21	Prices	95	99	103	101	101	101
		Purchases	65	91	99	104	130	127
		Demand (c)	62	91	101	105	131	128
		Demand (d)	67	99	103	100	121	121
CARCASE MEAT:								
Beef:— joints (boned)	26	Prices	104	99	104	103	97	94
		Purchases	98	105	107	99	102	90
		Demand (c)	105	104	115	104	95	80
		Demand (d)	106	105	116	104	94	80
steak (less expensive)	27	Prices	103	100	102	103	96	95
		Purchases	98	100	106	104	99	93
		Demand (c)	101	100	109	107	96	95
		Demand (d)	102	101	109	107	95	89
steak (more expensive)	28	Prices	100	96	98	105	102	99
		Purchases	98	90	116	104	100	95
		Demand (c)	97	84	112	114	103	93
		Demand (d)	101	88	113	112	99	90
minced . . .	29	Prices	103	102	102	101	96	96
		Purchases	93	90	96	113	107	103
		Demand (c)	95	92	98	113	104	100
		Demand (d)	95	92	98	113	103	99

Appendix B

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980
CARCASE MEAT							
—continued							
Lamb:—							
joints (including sides)	33	Prices	101	102	110	102	95
		Purchases	98	94	96	100	109
		Demand (c)	100	97	113	104	100
		Demand (d)	102	100	114	103	98
chops (including cutlets and fillets)	34	Prices	102	101	107	104	95
		Purchases	106	95	90	105	108
		Demand (c)	109	96	97	110	102
		Demand (d)	110	97	97	110	100
all other	35	Prices	95	103	110	101	99
		Purchases	107	93	85	113	98
		Demand (c)	105	94	88	113	98
		Demand (d)	104	92	88	114	99
Pork:—							
Joints (including sides)	37	Prices	111	97	111	99	95
		Purchases	76	106	98	98	123
		Demand (c)	99	100	126	97	109
		Demand (d)	103	105	127	94	104
Chops	38	Prices	111	103	106	101	93
		Purchases	81	84	98	113	113
		Demand (c)	88	86	102	114	107
		Demand (d)	90	88	103	112	105
Fillets and steaks	39	Prices	109	102	106	101	94
		Purchases	81	88	100	96	111
		Demand (c)	na	na	na	na	na
		Demand (d)	na	na	na	na	na
all other	40	Prices	110	100	107	101	92
		Purchases	89	89	94	105	115
		Demand (c)	89	89	94	105	114
		Demand (d)	88	87	94	106	117
OTHER MEAT AND MEAT PRODUCTS:							
Liver:— ox							
	42	Prices	112	102	101	110	92
		Purchases	152	113	97	94	85
		Demand (c)	170	116	98	103	79
		Demand (d)	164	111	97	105	82
lamb	43	Prices	114	95	105	115	95
		Purchases	101	117	108	93	91
		Demand (c)	116	111	114	107	86
		Demand (d)	116	112	114	106	86
pigs	44	Prices	129	115	103	98	87
		Purchases	80	98	102	98	112
		Demand (c)	93	106	104	97	103
		Demand (d)	90	102	103	98	107
FATS:							
Butter:— New Zealand							
	131	Prices	94	100	102	110	100
		Purchases	105	105	119	84	96
		Demand (c)	100	105	121	91	96
		Demand (d)	101	106	122	90	95

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1976	1977	1978	1979	1980	1981
FATS—continued								
Danish . . .	132	Prices	91	100	104	110	99	96
		Purchases	131	101	91	114	86	86
		Demand (c)	130	101	91	114	86	86
		Demand (d)	130	101	91	114	86	85
UK . . .	133	Prices	95	98	105	108	99	95
		Purchases	59	88	89	126	137	124
		Demand (c)	57	87	92	134	137	120
		Demand (d)	58	88	92	133	135	119
other . . .	134	Prices	92	98	104	109	100	97
		Purchases	150	125	109	101	77	64
		Demand (c)	145	124	111	104	77	63
		Demand (d)	146	126	112	103	76	62
Margarine:—								
soft (e) . . .	136	Prices	108	118	111	102	88	79
		Purchases	69	84	104	110	121	124
		Demand (c)	72	91	109	111	114	110
		Demand (d)	71	90	109	112	115	111
other . . .	137	Prices	107	114	104	94	93	91
		Purchases	118	122	92	87	84	103
		Demand (c)	119	124	92	86	83	102
		Demand (d)	117	122	92	87	85	103

(a) Deflated by the General Index of Retail prices.

(b) For further details of the items included in each category see Appendix A, Tables 7 and 7a. In a number of cases estimates of demand parameters have been given for aggregations of two or more closely related individual food items in the Survey classifications as well as for each of the constituent items. Such aggregations, however, may give rise to a series of annual demand constants which are not compatible with the corresponding constituent items.

(c) Including changes in demand due to changes in real personal disposable incomes.

(d) After removal of the effects due to changes in real personal disposable incomes.

(e) For these foods indices which take into account the effects of cross-price elasticities for related commodities are given in Table 6 of this Appendix.

TABLE 5

Estimates of price and cross-price elasticities of demand (a) for certain foods, 1974-1981

	Elasticity with respect to the price of (b)			R ²
	Beef and veal	Mutton and lamb	Pork	
Beef and veal	-1.60(0.22)	0.16(0.10)	0.07(0.08)	0.39
Mutton and lamb	0.37(0.24)	-1.45(0.22)	0.24(0.13)	0.34
Pork	0.19(0.23)	0.29(0.15)	-1.83(0.18)	0.59

	Elasticity with respect to the price of (b)				R ²
	Beef and veal	Mutton and lamb	Pork	Broiler chicken	
Beef and veal	-1.60(0.22)	0.16(0.10)	0.07(0.08)	-0.01(0.07)	0.39
Mutton and lamb	0.37(0.24)	-1.49(0.23)	0.24(0.13)	0.09(0.14)	0.35
Pork	0.20(0.23)	0.29(0.15)	-1.83(0.18)	-0.02(0.11)	0.59
Broiler chicken	-0.04(0.25)	0.14(0.22)	-0.03(0.15)	-0.91(0.29)	0.12

	Elasticity with respect to the price of (b)					R ²
	Beef and veal	Mutton and lamb	Pork	Bacon ham, uncooked	Broiler chicken	
Beef and veal	-1.59(0.22)	0.15(0.10)	0.07(0.08)	-0.04(0.07)	-0.01(0.07)	0.39
Mutton and lamb	0.37(0.24)	-1.49(0.23)	0.21(0.13)	0.36(0.15)	0.07(0.13)	0.38
Pork	0.21(0.23)	0.26(0.15)	-1.84(0.18)	0.16(0.12)	0.01(0.11)	0.59
Bacon and ham, uncooked	-0.09(0.15)	0.32(0.13)	0.12(0.09)	-0.52(0.25)	-0.44(0.14)	0.13
Broiler chicken	-0.02(0.24)	0.11(0.21)	0.02(0.14)	-0.78(0.25)	-0.80(0.29)	0.17

	Elasticity with respect to the price of		R ²
	Butter	Margarine	
Butter	-0.19(0.10)	0.20(0.05)	0.10
Margarine	0.45(0.12)	-0.77(0.17)	0.29

	Elasticity with respect to the price of		R ²
	Butter	Soft margarine	
Butter	-0.20(0.10)	0.23(0.05)	0.10
Soft margarine	0.79(0.17)	-0.81(0.21)	0.29

	Elasticity with respect to the price of		R ²
	Total bread	Butter	
Total bread	-0.28(0.20)	-0.01(0.07)	0.03
Butter	-0.02(0.16)	-0.18(0.11)	0.04

TABLE 5—continued

	Elasticity with respect to the price of (c)			R ²
	Brassicas and root vegetables	Canned vegetables	Frozen vegetables	
Brassicas and root vegetables	-0.61(0.06)	0.25(0.05)	0.48(0.05)	0.51
Canned vegetables	0.26(0.05)	-0.98(0.21)	-0.13(0.14)	0.38
Frozen vegetables	0.74(0.08)	-0.19(0.20)	-1.95(0.28)	0.58

	Elasticity with respect to the price of			R ²
	Oranges	Apples	Pears	
Oranges	-0.78(0.21)	0.11(0.11)	0.10(0.09)	0.19
Apples	0.05(0.05)	-0.37(0.08)	0.03(0.03)	0.19
Pears	0.34(0.30)	0.25(0.23)	-1.45(0.27)	0.34

	Elasticity with respect to the price of		R ²
	Oatmeal and oat products	Breakfast cereals	
Oatmeal and oat products	-1.14(0.39)	0.59(0.80)	0.10
Breakfast cereals	0.05(0.07)	0.04(0.29)	0.01

	Elasticity with respect to the price of		R ²
	Tea	Instant coffee	
Tea	-0.45(0.12)	0.10(0.11)	0.23
Instant coffee	0.13(0.14)	-0.61(0.18)	0.13

(a) Calculated from monthly Survey data from 1974 to 1981. The figures in brackets are estimates of the standard errors. The values of R² give the proportion of the residual variation in monthly average purchases (after the removal of seasonal and annual shifts) explained by the own- and cross-price elasticities.

(b) The analysis confined to three carcass meats is preferred because there is evidence of a correlation between the real prices of pork and chicken; also the explanatory power of the model is not materially improved by extending it to include broiler chicken and/or bacon and ham.

(c) Brassicas and root vegetables = codes 162-164, 171-174
 Canned vegetables = codes 185, 188, 191
 Frozen vegetables = codes 203, 204, 208

TABLE 6

Annual indices of average deflated prices, purchases and demand taking into account the effect of cross-price elasticities for related commodities, 1974-1981

(average for the whole period = 100)

			1974	1975	1976	1977	1978	1979	1980	1981
Beef and veal	Prices	(a)	110	97	101	97	102	101	96	95
	Purchases	(b)	94	107	97	103	105	105	103	89
	Demand	(c)	107	102	98	98	107	107	98	85
	Demand	(d)	109	104	99	100	107	106	96	83
Mutton and lamb	Prices	(a)	111	97	100	101	107	101	94	89
	Purchases	(b)	97	102	101	94	94	102	108	102
	Demand	(c)	107	97	99	97	102	105	103	91
	Demand	(d)	109	98	100	98	102	103	101	90
Pork	Prices	(a)	109	109	107	97	105	98	91	87
	Purchases	(b)	95	82	84	98	101	109	123	116
	Demand	(c)	107	97	94	93	108	104	106	93
	Demand	(d)	108	99	95	94	108	102	103	91
Beef and veal	Prices	(a)	110	97	101	97	102	101	96	95
	Purchases	(b)	94	107	97	103	105	105	103	89
	Demand	(c)	107	102	98	98	107	107	98	85
	Demand	(d)	109	104	99	100	107	106	96	83
Mutton and lamb	Prices	(a)	111	97	100	101	107	101	94	89
	Purchases	(b)	97	102	101	94	94	102	108	102
	Demand	(c)	107	97	99	97	102	104	103	92
	Demand	(d)	109	98	100	98	102	103	101	90
Pork	Prices	(a)	109	109	107	97	105	98	91	87
	Purchases	(b)	95	82	84	98	101	109	123	116
	Demand	(c)	107	97	94	93	108	104	106	93
	Demand	(d)	108	99	95	94	108	102	103	91
Broiler chicken	Prices	(a)	104	101	100	102	104	104	98	89
	Purchases	(b)	89	91	98	98	102	106	106	112
	Demand	(c)	91	93	98	99	104	110	104	101
	Demand	(d)	92	93	99	100	104	109	103	100
Beef and veal	Prices	(a)	110	97	101	97	102	101	96	95
	Purchases	(b)	94	107	97	103	105	105	103	89
	Demand	(c)	108	103	98	98	107	107	97	84
	Demand	(d)	109	104	99	99	107	106	95	83
Mutton and lamb	Prices	(a)	111	97	100	101	107	101	94	89
	Purchases	(b)	97	102	101	94	94	102	108	102
	Demand	(c)	103	94	96	97	103	106	106	96
	Demand	(d)	104	95	97	98	102	104	104	95
Pork	Prices	(a)	109	109	107	97	105	98	91	87
	Purchases	(b)	95	82	84	98	101	109	123	116
	Demand	(c)	105	96	93	93	108	105	107	95
	Demand	(d)	106	98	94	95	108	103	105	93
Bacon and ham, uncooked	Prices	(a)	114	110	110	98	99	97	90	85
	Purchases	(b)	99	96	96	103	103	103	100	99
	Demand	(c)	105	101	100	103	101	103	96	91
	Demand	(d)	106	102	101	104	101	102	95	90
Broiler chicken	Prices	(a)	104	101	100	102	104	104	98	89
	Purchases	(b)	89	91	98	98	102	106	106	112
	Demand	(c)	101	99	106	98	103	107	97	91
	Demand	(d)	102	100	106	99	103	106	96	90

TABLE 6—continued

(average for the whole period = 100)

			1974	1975	1976	1977	1978	1979	1980	1981
Butter	Prices	(a)	81	83	99	106	111	117	107	103
	Purchases	(b)	120	120	110	100	97	95	87	79
	Demand	(c)	112	113	109	99	98	99	90	83
	Demand	(d)	113	114	110	100	98	98	89	82
Margarine	Prices	(a)	116	116	101	109	104	95	86	79
	Purchases	(b)	77	79	93	105	107	109	115	125
	Demand	(c)	96	97	94	109	106	98	99	102
	Demand	(d)	95	96	93	108	106	99	101	104
Butter	Prices	(a)	81	83	99	106	111	117	107	103
	Purchases	(b)	120	120	110	100	97	95	87	79
	Demand	(c)	110	112	109	99	98	99	92	85
	Demand	(d)	111	112	110	100	98	98	90	84
Soft margarine	Prices	(a)	120	118	102	111	105	96	83	74
	Purchases	(b)	62	58	82	100	123	131	143	147
	Demand	(c)	85	77	84	104	118	112	117	113
	Demand	(d)	85	77	83	103	118	113	118	114
Butter	Prices	(a)	81	83	99	106	111	117	107	103
	Purchases	(b)	120	120	110	100	97	95	87	79
	Demand	(c)	116	116	109	101	99	98	88	79
	Demand	(d)	117	117	110	102	99	97	87	78
Total bread	Prices	(a)	104	96	92	96	103	105	104	99
	Purchases	(b)	102	104	103	101	99	97	96	97
	Demand	(c)	103	103	100	100	100	99	97	97
	Demand	(d)	103	103	100	100	100	99	98	97
Brassicas and root vegetables	Prices	(a)	113	111	107	110	84	103	88	90
	Purchases	(b)	103	93	95	89	111	99	107	104
	Demand	(c)	101	92	94	90	102	103	108	111
	Demand	(d)	101	92	94	90	102	102	108	111
Canned vegetables	Prices	(a)	114	112	107	102	99	92	91	86
	Purchases	(b)	100	102	105	99	96	104	96	100
	Demand	(c)	112	112	111	99	99	95	89	86
	Demand	(d)	110	110	109	98	99	97	91	87
Frozen vegetables	Prices	(a)	114	109	109	109	95	100	87	82
	Purchases	(b)	77	89	92	101	99	114	119	117
	Demand	(c)	92	101	104	111	103	109	99	84
	Demand	(d)	96	104	107	116	103	105	93	80
Oranges	Prices	(a)	113	103	103	102	101	101	91	87
	Purchases	(b)	102	108	100	101	92	98	104	96
	Demand	(c)	109	107	104	99	91	101	100	90
	Demand	(d)	112	109	106	102	91	99	96	87
Apples	Prices	(a)	113	115	95	121	109	84	86	84
	Purchases	(b)	97	94	105	90	96	114	103	103
	Demand	(c)	101	99	103	96	99	107	98	98
	Demand	(d)	103	101	105	99	99	104	95	95
Pears	Prices	(a)	114	114	96	112	110	94	87	80
	Purchases	(b)	89	87	94	95	76	112	118	144
	Demand	(c)	100	100	88	105	85	107	103	115
	Demand	(d)	103	103	90	109	85	103	98	111
Oatmeal and oat products	Prices	(a)	112	109	101	101	102	93	94	91
	Purchases	(b)	107	102	104	107	101	92	90	98
	Demand	(c)	117	108	105	110	104	86	85	90
	Demand	(d)	116	107	104	109	104	86	86	91

TABLE 6—continued

(average for the whole period = 100)

			1974	1975	1976	1977	1978	1979	1980	1981
Breakfast cereals	Prices	(a)	106	108	99	99	98	97	97	97
	Purchases	(b)	87	93	98	100	106	103	107	108
	Demand	(c)	87	92	98	100	106	104	107	108
	Demand	(d)	88	93	99	101	106	103	106	107
Tea	Prices	(a)	92	83	82	136	129	107	94	90
	Purchases	(b)	106	104	105	98	95	100	98	95
	Demand	(c)	104	99	98	108	103	102	95	92
	Demand	(d)	103	98	97	107	103	103	96	93
Instant coffee	Prices	(a)	82	74	87	150	140	111	100	82
	Purchases	(b)	105	104	105	74	93	107	112	108
	Demand	(c)	94	89	99	91	110	113	112	97
	Demand	(d)	96	90	100	93	110	110	109	94

(a) Deflated to allow for changes in the General Index of Retail Prices.

(b) Per person.

(c) Per person. Including changes in demand attributable to changes in real personal disposable income.

(d) Per person. After removal of the effects attributable to changes in real personal disposable income.

TABLE 8

Annual indices of average deflated prices, purchases and demand (a) for broad food groups, 1974-1981

(average for the whole period = 100)

		1974	1975	1976	1977	1978	1979	1980	1981
Milk and cream	Prices	82	86	97	104	110	110	109	108
	Purchases	105	105	105	100	99	98	95	92
	Demand	101	101	104	99	100	100	99	96
Cheese	Prices	98	92	92	99	103	107	106	103
	Purchases	98	100	99	100	98	101	102	102
	Demand	95	98	101	102	96	99	103	107
Carcase meat	Prices	110	100	102	98	105	101	94	91
	Purchases	95	100	95	99	101	105	109	98
	Demand	104	102	101	99	105	104	98	88
Other meat	Prices	113	105	103	99	100	99	95	89
	Purchases	93	95	97	100	102	105	102	106
	Demand	101	100	101	101	100	103	98	97
Fish	Prices	108	99	96	102	107	104	96	89
	Purchases	96	100	101	92	95	100	107	111
	Demand	98	98	101	93	99	104	105	102
Eggs	Prices	130	105	103	100	93	95	92	88
	Purchases	104	105	104	100	101	99	95	94
	Demand	105	108	103	98	99	102	95	91
Fats	Prices	100	100	102	107	107	106	94	85
	Purchases	100	101	99	99	100	100	101	100
	Demand	97	103	101	96	101	102	101	99
Sugar and preserves	Prices	90	138	107	98	97	96	92	90
	Purchases	111	98	103	103	100	98	94	94
	Demand	108	110	106	104	100	99	91	86
Potatoes	Prices	88	119	215	117	74	91	75	75
	Purchases	111	106	82	94	105	106	98	101
	Demand	103	108	92	93	99	106	98	103
Other fresh vegetables	Prices	111	111	106	105	90	99	92	88
	Purchases	100	94	94	92	106	101	107	107
	Demand	109	101	97	93	96	98	103	104
Other vegetables	Prices	106	107	110	105	98	97	92	87
	Purchases	93	96	98	95	97	105	106	111
	Demand	92	97	100	98	100	102	104	108
Fresh fruit	Prices	111	108	97	108	105	94	91	88
	Purchases	95	94	99	94	96	106	109	108
	Demand	99	101	98	97	95	99	105	108
Other fruit	Prices	111	103	98	107	109	104	92	80
	Purchases	94	100	99	93	96	96	108	116
	Demand	110	109	109	94	94	93	95	98
Bread	Prices	104	96	92	96	103	105	104	99
	Purchases	102	104	103	101	99	97	96	97
	Demand	98	103	100	101	100	102	100	97

TABLE 8—*continued*

(average for the whole period = 100)

		1974	1975	1976	1977	1978	1979	1980	1981
Other cereals	Prices	106	106	96	96	102	101	99	95
	Purchases	99	97	101	102	100	100	100	101
	Demand	98	98	100	97	99	101	102	104
Beverages	Prices	87	80	85	130	133	110	101	89
	Purchases	106	103	105	95	93	101	99	98
	Demand	92	94	98	104	103	106	104	100

(a) After removal of effects of changes in prices and incomes.

GLOSSARY OF TERMS USED IN THE SURVEY

General note. The Survey records household food purchases and food obtained without payment during one week. It does not include the following: food eaten outside the home (except packed meals prepared at home); chocolate and sugar confectionery; mineral waters, squashes and alcoholic drinks¹; vitamin preparations; food obtained specifically for consumption by domestic animals.

Adult. A person of 18 years of age or over; however, solely for purposes of classifying households according to their composition, heads of household and housewives under 18 years of age are regarded as adults.

Average consumption. The aggregate amount of food obtained for consumption (q.v.) by the households in the sample divided by the total number of persons in the sample.

Average expenditure. The aggregate amount spent by the households in the sample divided by the total number of persons in the sample.

Average price. Sometimes referred to as "average unit value". The aggregate expenditure by the households in the sample on an item in the Survey Classification of foods, divided by the aggregate quantity of that item purchased by those households.

Child. A person under 18 years of age; however, solely for purposes of classifying households according to their composition, heads of household and housewives under 18 years of age are regarded as adults.

Consumption. See "Food obtained for consumption".

Convenience foods. Those processed foods for which the degree of preparation has been carried to an advanced stage by the manufacturer and which may be used as labour-saving alternatives to less highly processed products. The convenience foods distinguished by the Survey are cooked and canned meats, meat products (other than uncooked sausages), cooked and canned fish, fish products, canned vegetables, vegetable products, canned fruit, fruit juices, cakes and pastries, biscuits, breakfast cereals, puddings (including canned milk puddings), cereal products, instant coffee and coffee essences, baby foods, canned soups, dehydrated soups, ice-cream, and all frozen foods which fulfil the requirements of the previous sentence—see Appendix A, Table 7.

Deflated price. See "Real price".

Demand. This term is popularly, and mistakenly, confused with "consumption" or "sales". The economic concept of demand is best visualised as a demand schedule or demand curve which represents the whole series of quantities which would be demanded by consumers at different prices, other

¹ Exceptionally, soft drinks bought for the household supply have been recorded since 1975 but not included in the standard tables. They are excluded from all the estimates and tables in this Report except Table 32.

things being equal. Thus, a change in demand signifies a shift in the entire demand schedule or curve and is generally associated with such major factors as a change in incomes, tastes or marketing policies.

Elasticity of demand. A measure for evaluating the influence of variations in prices (or in incomes) on purchases. With some approximation it can be said that the elasticity indicates by how much in percentage terms the amount bought (in quantity or value as appropriate) will change if the price (or income) increases by one per cent; a minus sign attached to the elasticity coefficient indicates that purchases will *decrease* if the price (or income) rises. The elasticity of demand for a commodity with respect to changes in its own price is usually called the *price elasticity of demand*, but may be described as the *own-price elasticity* where it is necessary to avoid confusion with *cross-elasticities of demand* or *cross-price elasticities* which are the terms used to describe the elasticity of the demand for one commodity with respect to changes in the prices of other commodities. The elasticity of demand for a commodity with respect to changes in real income is called the *income elasticity of demand*; if the change in purchases of the commodity is measured in terms of the percentage change in the physical amount of the commodity, the elasticity may be referred to as an *income elasticity of quantity*, but if the change is measured in terms of the percentage change in expenditure, the elasticity is referred to as an *income elasticity of expenditure*. More formally, if the relationship between the quantity (Q) of a commodity and the level of income (Y), the price of the commodity (P) and the prices of other commodities ($P_1, P_2, \dots, P_i, \dots, P_n$) is known, then the own-price elasticity is given by $\frac{P}{Q} \cdot \frac{\partial Q}{\partial P}$ the cross-price elasticities by $\frac{P_i}{Q} \cdot \frac{\partial Q}{\partial P_i}$

income elasticity of quantity by $\frac{Y}{Q} \cdot \frac{\partial Q}{\partial Y}$. When determining a set of own-

price and cross-price elasticities of demand for a group of commodities, constraints are imposed to ensure that each pair of cross-elasticities complies with the theoretical relationships which should exist between them (eg the elasticity for beef with respect to the price of pork should be in the same ratio to the coefficient for pork with respect to the price of beef as expenditure on pork is to expenditure on beef).

Expenditure index. The average expenditure at one period in time expressed as a percentage of the corresponding average at another period. It is also used to make comparisons at one point of time between different household groups.

Foods, Survey classification of. See Appendix A, Tables 7 and 7a which list the 152 main and 39 supplementary categories into which the 1981 Survey classified food purchases.

Food obtained for consumption. Food purchases from all sources (including purchases in bulk) made by households during their week of participation in the Survey and intended for human consumption during the week or later, plus any garden or allotment produce etc (q.v.) which households actually consumed while participating in the Survey, but excluding sweets, alcohol, soft drinks and meals or snacks purchased to eat outside the home. For an individual household, the quantity of food thus obtained for consumption, or estimates or nutrient intake derived from it, may differ from actual

consumption because of changes in household stocks during the week and because of wastage. Averaged over a sufficiently large group of households and a sufficiently long period of time household stock increases might reasonably be expected to differ but little from household stock depletions provided other things remain equal. However, such near equality may not be achieved under special circumstances such as during a rapid expansion of freezer ownership or when there is a special incentive to buy in bulk. For these reasons, the Survey now records separately quantities of purchased food placed in deep freezers during the Survey week and quantities of purchased food removed from the deep freezer for immediate consumption. This additional information enables alternative estimates of consumption to be derived (see paragraph 32) which are presented in Tables 28 and 41.

Garden and allotment produce, etc. Food which enters the household without payment, for consumption during the week of participation in the Survey; it includes supplies obtained from a garden, allotment or farm, or from an employer, but not gifts of food from one household in Great Britain to another if such food has been purchased by the donating household. (See also "Value of garden and allotment produce, etc.").

Household. For the Survey purposes, this is defined as a group of persons living in the same dwelling and sharing common catering arrangements.

Income group. Households are grouped into eight income groups (A1, A2, B, C, D, E1, E2 and OAP) according to the ascertained or estimated gross income of the head of the household, or of the principal earner in the household if the weekly income of the head is less than the amount defining the upper limit to income group D.

Index of food purchases. See "Index of real value of food purchased".

Index of real value of food purchased. The expenditure index (q.v.) divided by the food price index (q.v.); it is thus, in effect, an index of the value of food purchases at constant prices. It is identical with an index of quantities derived as the geometric mean of two separate quantity indices formed as weighted averages of quantity relatives, the weights in the one case being equal to expenditure in the base period, and in the other case the weights are equal to the current cost of the base-period quantities.

Intake. See "Food obtained for consumption".

Net balance. The net balance of an individual (a member of the household or a visitor) is a measure of the number of meals eaten in the home by that individual during the Survey week, each meal being given a weight in proportion to its importance. The relative weights are breakfast 3, dinner (mid-day) 4, tea 2 and supper 5. The weights for tea and supper are interchanged according to whichever of the two meals is the larger; if only one evening meal is taken it is given a relative weight of 7. The net balance is used when relating nutrient intake to need.

Nutrients. In addition to the energy value of food expressed in terms of kilocalories and megajoules (4·184 megajoules = 1,000 kilocalories), the food is evaluated in terms of the following nutrients:

Protein (animal and total), fat (including the component saturated, mono-unsaturated and polyunsaturated fatty acids), carbohydrate, calcium, iron, vitamin A (retinol, β -carotene, retinol equivalent), thiamin, riboflavin, nicotinic acid (total, tryptophan, nicotinic acid equivalent), and vitamins C and D.

Separate figures for animal and total protein are included; as a generalisation, foods of animal origin are of greater nutritional value than those of vegetable origin because of a greater content of some B vitamins and trace elements, so that the proportion of animal protein is to some extent an indication of the nutritive value of the diet.

Nutrient conversion factors. Quantities of nutrients available per unit weight of each of the categories into which foods are classified for Survey purposes.

Pensioner households (OAP). Households in which at least three-quarters of total income is derived from National Insurance retirement or similar pensions and/or supplementary pensions or allowances paid in supplementation or instead of such pensions. Such households will include at least one person over the national insurance retirement age.

Person. An individual of any age who during the week of the Survey spends at least four nights in the household ("at home") and has at least one meal a day from the household food supply on at least four days, except that if he/she is the head of the household, or the housewife, he or she is regarded as a person in all cases.

Price. See "Average price", also "Real price".

Price flexibility. A measure of the extent to which the price of a commodity is affected by a change in the level of supply, other things remaining equal. In simplified terms and with some degree of approximation, it may be regarded as the percentage change in price associated with a 1 per cent change in the level of supply. If only a single commodity is under consideration, the price flexibility may be regarded as the reciprocal of the price elasticity. (See "Elasticity of demand"). If, however, the relationship between demand and prices of a number of related commodities is being considered, the matrix of price flexibilities and cross-price flexibilities is the inverse of the corresponding matrix of own-price and cross-price elasticities, and in general, the individual flexibilities will *not* be identical with the reciprocals of the corresponding elasticities.

Price index. A price index of Fisher "Ideal" type is used; this index is the geometric mean of two indices with weights appropriate to the earlier and later periods respectively, or in the case of non-temporal comparisons (eg regional, type of area, income group and household composition), with weights appropriate to the group under consideration and the national average respectively.

"Price of energy" indices. These indices show relative differences in the "cost per calorie". They have been obtained by dividing the money value of food obtained for consumption (purchases plus supplies from garden and allotments etc) in each group of households by its energy value and expressing the result as a percentage of the corresponding quotient for all households.

These indices take into account variations in consumers' choice of food as well as variations in prices paid.

Real price. The price of an item of food in relation to the price of all goods and services. The term is used when referring to changes in the price of an item over a period of time. It is measured by dividing the average price (q.v.) paid at a point in time by the General Index of Retail Prices (all items) at that time.

Recommended intakes of nutrients. Estimates consistent with and based on recommendations of the Department of Health and Social Security given in *Recommended daily amounts of food energy and nutrients for groups of people in the United Kingdom*: HMSO 1979. Averages of nutrient intakes are compared with these recommendations for each group of households identified in the Survey after deduction of 10 per cent as an allowance for wastage of the edible portion of all food, and after the proportion of meals eaten at home has been calculated by means of the "net balance" (q.v.).

Regions. The standard regions for statistical purposes, except that East Anglia is combined with the South East Region: see Table 1 of Appendix A.

Seasonal foods. Those foods which regularly exhibit a marked seasonal variation in price or in consumption; these are (for the purposes of the Survey) eggs, fresh and processed fish, shell fish, potatoes, fresh vegetables and fresh fruit. (See also Table 7 in Appendix A).

Standard errors. Like all estimates based on samples, the results of the Survey are subject to chance variations. The magnitude of the possible inaccuracy from this cause is indicated by the standard error of the estimate. The extent of this inaccuracy is expected rarely to exceed twice the standard error. Standard errors of certain derived statistics (for example, some of the demand parameters given in Appendix B) may be interpreted in the same way even though, in this case, the chance variation is not wholly a result of sampling procedure, but is augmented by the attempt to fit smooth demand curves.

Type of area. The following are distinguished:—

Greater London, sometimes referred to as "the Greater London Council area", "the London conurbation" or "London".

The Metropolitan districts of England and the Central Clydeside conurbation ie Greater Manchester, Merseyside, South Yorkshire, Tyne and Wear, West Midlands, West Yorkshire, and the following Local Government Districts in Scotland: Renfrew, Clydebank, Bearsden and Milngavie, Glasgow City, Strathkelvin, Eastwood, Cumbernauld and Kilsyth, Monklands, Motherwell, Hamilton and East Kilbride.

Non-metropolitan counties. These are sub-divided into wards and classified according to the ward electoral density as follows—

High density—wards with an electorate of 7 or more persons per acre.

Medium density—wards with an electorate of 3 but fewer than 7 persons per acre.

Low density—wards with an electorate of 0·5 but less than 3 persons per acre.

Very low density—wards with an electorate of fewer than 0·5 persons per acre.

Value of consumption. Expenditure plus value of garden and allotment produce, etc (q.v.).

Value of garden and allotment produce, etc. The value imputed to such supplies received by a group of households is derived from the average prices currently paid by the group for corresponding purchases. This appears to be the only practicable method of valuing these supplies, though if the households concerned had not access to them, they would probably not have replaced them fully by purchases at retail prices, and would therefore have spent less than the estimated value of their consumption. Free school milk and free welfare milk are valued at the average price paid by the group for full price milk. (See also “Garden and allotment produce, etc”).

Symbols and conventions used

Symbols. The following are used throughout—

— = nil

... = less than half the final digit shown

na = not available or not applicable.

Rounding of figures. In tables where figures have been rounded to the nearest final digit, there may be an apparent slight discrepancy between the sum of the constituent items and the total shown.