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MINISTRY OF
AGRICULTURE, FISHERIES AND FOOD

Household Food Consumption and Expenditure: 1979

Annual Report of the
National Food Survey Committee



LONDON
HER MAJESTY'S STATIONERY OFFICE

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AGRICULTURE, FISHERIES AND FOOD

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and Expenditure: 1979

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National Food Survey Committee

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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 for 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.

Summary results of the Survey are published quarter by quarter in the *Monthly Digest of Statistics* and, with commentaries, in *British Business* and in the Ministry's *Food Facts* series of press releases. Applications for unpublished analyses should be made to the National Food Survey Branch of the Ministry of Agriculture, Fisheries and Food, Tolcarne Drive, Pinner, Middlesex, HA5 2DT (telephone 01-868-7161, extension 43 or 44).

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I Introduction

Household Food Consumption and Expenditure: 1979

I Introduction

1 This is the fourth of the Committee's Annual Reports to be issued with an abbreviated text, but it contains the full range of tables necessary to update, to the end of 1979, material regularly presented in previous Reports, and briefly reviews changes in that year. It is proposed to continue issuing Annual Reports in this form in four years out of every five, but in every fifth year, commencing with the Report for 1980, the intention is to issue a longer Report reviewing changes over the previous quinquennium.

2 **Personal income, expenditure and retail prices in the United Kingdom.** The rate of inflation, as measured by the General Index of Retail Prices, rose throughout 1979. Averaged over the whole year, the general level of retail prices was over 13 per cent higher than in the previous year, while an enquiry by the Department of Employment into average weekly gross earnings indicates that these rose by 16 per cent. Data from the National Accounts indicate that personal disposable income per head in real terms rose by about 6 per cent, the second successive increase of substance. Some estimates of consumers' expenditure *per head* as derived from the National Accounts are also given in Table 1: these show, for all food, an increase of over 2 per cent in real terms compared with the previous year but a greater increase (4 per cent) for total expenditure on all goods and services, so that there was a further slight fall in the share of consumers' expenditure devoted to food. These estimates are given as a background against which to review the results of the National Food Survey which are presented in the following pages.

II National Food Survey Results, 1979

II National Food Survey Results, 1979

3 The National Food Survey data are derived from records provided by a sample of private households in Great Britain (ie England, Wales and Scotland). Only food which enters into the household food supply and which is intended for human consumption is covered. Soft drinks,¹ alcoholic drinks, and chocolate and sugar confectionery are, however, excluded from the Survey; such items are often purchased by members of the family without coming to the notice of the housewife or other person who keeps the record and are therefore liable to be inadequately recorded. Each household's record covers a period of one week, and the sample is distributed over the whole year except for breaks in fieldwork at Christmas and during general election campaigns. In 1979, the year's fieldwork commenced on Monday 1st January and continued until Friday 21st December except for a break from 16th April to 5th May during the general election period. Interpolated results have been included in an attempt to compensate for the loss of information during the election period. Such interpolations are, of course, an inferior substitute for the household records which would otherwise have been obtained during the three weeks; they are particularly prone to error when their timing coincides with a marked change in prices or consumption, and even more so, as on this occasion, when the break in fieldwork began during one bank holiday weekend and finished during another. Details of the sample and of the sampling procedure are given in Appendix A. A glossary of terms used in the tables and text appears at the end of the Report.

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

4 **Average levels of household food consumption, expenditure and prices.** Expenditure on food for consumption in the home averaged £6·42 per person per week in 1979 and was 14·4 per cent greater than in the previous year. Food prices and average expenditure both increased more rapidly than in 1978. The increase in average expenditure was 2·8 per cent greater than that in the general level of food prices, principally because greater quantities of lamb, pork, poultry, cooked fish, canned vegetables, fresh fruit, cakes, chocolate biscuits, tea, instant coffee and frozen convenience foods were bought, though less milk, butter, fresh green vegetables, bread and flour. Moreover, less recourse was had to self-supplied garden and allotment produce. The increase of 2·8 per cent in the real value of household food purchases per head in 1979 followed a smaller increase of 1·8 per cent in 1978; these increases are in marked contrast to the experience over the previous ten years, during which the real value *fell* at a rate averaging 0·5 per cent per annum, which in turn contrasts with the average *gain* of 0·9 per cent per annum over the ten years from 1958 to 1967.

5 **Milk and cream.** Household consumption of liquid milk continued to decline in 1979 when it averaged 4·31 pints per person per week compared with 4·44 pints in the previous year and 4·76 pints in 1975. The demand analyses which are given in Appendix B attribute a little more than half of the decline in average purchases since 1975 to the increase in real terms in the average

¹Although some data relating to soft drinks *bought for the household food supply* have been recorded since 1975 they are excluded from all the estimates and tables in this Report except Table 32.

price of milk, and the remainder of the decrease to a shift in consumer demand which took place independently of the change in the real price. Only a very small part of this shift can be associated with greater usage of instant milk powder and some milk-based dairy products. Purchases of yoghurt are also following an upward trend.

6 *Cheese*. Although the recorded increase in consumption of natural cheese from 3.49 oz per person per week in 1978 to 3.61 oz in 1979 is statistically significant, most of it was due to an exceptionally high level having been recorded between March and July; in the second half of the year consumption was barely different from that in the corresponding period of 1978 although the average price was higher in real terms.

7 *Carcase meat*. Consumption (defined as purchases plus any free supplies) of beef in 1979 was again unchanged at 8.27 oz per person per week, while that of lamb and of pork both increased by 9 per cent to 4.28 oz and 3.63 oz respectively, bringing the rate of consumption of red carcass meat (as such) to 16.18 oz, the highest recorded since 1967. Part of the increase in 1979 can be attributed to the rise of nearly 6 per cent in real personal disposable income per head. For lamb, the remainder of the increase in purchases over the year appears to have been closely linked to a fall of more than 5 per cent in real terms in the average price paid by housewives; for pork, however, the remainder of the increase in purchases was appreciably less than might have been expected from the fall of nearly 7 per cent in real terms in its average price.

8 It is now possible from the Survey data to derive alternative estimates of consumption which take into account actual usage from households' deep-freezers rather than the quantities purchased to store in them. These alternative estimates thus give a more direct measure of *current* consumption; they also have the advantage of being less subject to seasonal fluctuations and to sampling variation than are the conventional estimates used in the Survey, which assume that acquisitions, on average, equate with consumption. The alternative estimates are shown in Table 28, and for the three red carcass meats they suggest a slightly lower level of actual consumption than of acquisitions. This is to be expected because of initial stocking-up during a period when ownership of deep-freezers is expanding, their average capacity increasing, and when real price decreases give an added incentive to stocking carcass meat. However, the differences between the conventional and the alternative estimates of consumption of carcass meat should not be interpreted as measures solely of changes in freezer stocks because some bulk purchases of meat will include a proportion of fat, bone and other trimmings which, although forming part of the quantity purchased (and therefore of the conventional estimate of consumption), may never be used for human consumption.

9 *Poultry*. The Survey estimates of purchases and consumption of poultry in 1979 were much more affected than those for other foods by the breaks in fieldwork mentioned in paragraph 3 above. The first break, on account of the general election, began after some, but not all, of the special purchases of poultry (and especially turkey) for Easter had been made, but before any of those purchases had been consumed. Moreover, the run-down of fieldwork was spread over the Thursday and Friday before Easter Sunday, and successively fewer households were providing records of their purchases on those days; consequently the number of purchases of turkey recorded by the Survey would

then be less than would otherwise have been the case, and this would contribute to some under-statement of the average of poultry purchases for the ten-day Survey recording period terminating on Good Friday. However, whatever the degree of understatement in that period, it seems most likely that the average for those ten days would be in excess of the true (but unknown) average for the following ten-day period when the Easter peak in poultry purchases was over and when the ban on fieldwork prevented the Survey from measuring buying behaviour. Although the interpolation procedure adopted to fill the gap in information during the election period ensures, in effect, that the under-statement of purchases before Easter was to some extent offset by the over-statement inherent in the interpolated average for the following ten days, it would be fortuitous if these two effects were exactly counterbalanced, so that the net effect on the accuracy of the averages for the whole of the second quarter and the year remains unknown. It seems reasonable to suppose, however, that the interpolation which was made for the loss of information in the second of the two ten-day unworked Survey periods during the election campaign would not suffer the risk of a comparable degree of distortion, because the May Day holiday, when fieldwork was resumed after the election, does not affect consumer demand for turkey and other poultry in the same way as the Easter weekend. The alternative estimates of consumption of poultry which are shown in Table 28 take into account the quantity of poultry at the time it is taken out of households' deep-freezers for preparation for consumption instead of when it is bought and put into the freezer, but this does not overcome the problems described above. Indeed, they probably include some degree of understatement in the interpolations covering the election period, further compounded in the annual averages by understatement due to the suspension of fieldwork over the Christmas period.

10 *Other meat and meat products.* Demand for liver and other offals appears to be following a downward trend, and consumption in 1979 averaged 1.04 oz per person per week compared with 1.11 oz in 1978 and 1.21 oz in 1977. Purchases of uncooked bacon and ham remained at just over 4.3 oz per person per week between 1977 and 1979 only because of a fall in the real (deflated) price and the growth in real incomes; the growth in purchases of cooked and canned ham can also be attributed to these factors. In contrast, demand for convenience meat products, especially frozen varieties, continued to increase.

11 *Fish.* Average consumption of fish rose for the second year in succession after following a downward trend for several years, and reached 4.51 oz per person per week compared with 4.25 oz in the previous year. Nearly half of the increase was in purchases of cooked fish, and much of the remainder in purchases of convenience fish products, especially frozen varieties. The shifts in demand away from unfileted to filleted fresh or frozen white fish, from unfileted to filleted processed fat fish, and from herrings to other fresh fat fish, all continued.

12 *Eggs.* Demand for eggs weakened further in 1979 when consumption averaged 3.88 eggs per person per week compared with 3.96 in the previous year. Averaged over the year their price *in real terms* was about 2½ per cent higher than in 1978, but as demand is very inelastic to changes in price (or in income) and the underlying trend is only very slightly downward, the percentage decrease in the average quantity purchased was less than the percentage increase in price; in consequence the total expenditure incurred by buyers

(and therefore the remuneration of vendors) rose *in real terms* notwithstanding the cut-back in purchases (sales to private households).

13 Fats. Average consumption of butter fell slightly in 1979 to 4.45 oz per person per week but the fall was almost exactly compensated by an increase to 3.63 oz in consumption of margarine, the whole of the latter increase being in consumption of soft margarine which continued to displace not only butter but also other margarine. Although the shift from butter to soft margarine was rather less than might have been expected after taking into account the change in the relative prices of the two commodities and the offsetting effect associated with the rise in real incomes, it seems unlikely that this was due to any real diminution in the rate at which consumer preferences are moving away from butter to soft margarine. Purchases of vegetable and salad oils, and of cooking fat, during the summer of 1979 were less than during the previous summer, but some increase in consumption was noted for the group of "other" fats which includes low-fat spreads and synthetic cream.

14 Sugar and preserves. Household purchases of sugar still appear to be following a slightly downward trend and averaged only 11.55 oz per person per week in 1979 compared with 12.20 oz in 1976. Purchases of preserves and of syrup and treacle also failed to make any growth, while the increase in consumption of honey can be associated with a fall in its real (ie deflated) price.

15 Potatoes. Although the average price of potatoes was about 24 per cent higher in real terms in 1979 than in 1978, average consumption at 43.59 oz per person per week was only very slightly less than in the previous year. The normal overall reaction by consumers to the higher price was more than offset by some households reverting to commercial supplies of potatoes in lieu of self-supplied potatoes from their own gardens and allotments. Indeed, garden and allotment supplies contributed only 2.76 oz of the overall average consumption of 43.59 oz per person per week, almost exactly the same as in 1975, but appreciably less than the amounts in 1976 (3.46 oz), 1977 (4.86 oz) and 1978 (3.53 oz) when the high prices demanded (and obtained) for the limited commercial supplies from the 1975 and 1976 crops had given a stimulus to growing one's own. The decline in self-supplied potatoes since 1977 was widespread and took the form not only of a decrease in the number of households growing their own potatoes, but also a decrease in the average quantity grown per self-supplier. Purchases of cooked chips, frozen chips, crisps and most other potato products were more than fully maintained.

16 Other vegetables. Supplies of fresh green vegetables in the first half of 1979 were adversely affected by poor weather conditions during their growing season. The effect on consumption was exacerbated in the first quarter of the year by industrial disputes, particularly in the road haulage industry, which caused some disruption to distribution of the available supplies. In consequence, average consumption in the first two quarters was at such exceptionally low levels that, despite improvement later on, the average for the year of 10.88 oz per person per week was the lowest ever recorded. Consumption of root and other fresh vegetables was less affected by these factors, and the average of 15.48 oz was only slightly less than the high level recorded in the previous year. The contribution made by garden and allotment supplies to average consumption of greens and other fresh vegetables, like that for potatoes, declined appreciably in 1979, and averaged 4.54 oz per person per week compared with 4.92 oz in

1975, 5·72 oz in 1976, 6·80 oz in 1977 and 6·38 oz in 1978. Purchases of canned vegetables rose to 9·53 oz compared with 8·81 oz in the previous year and those of frozen vegetables continued their upward trend, averaging 4·12 oz compared with 3·59 oz.

17 Fruit. Average consumption of fresh fruit was at its highest level since 1973 principally because of greater supplies and lower prices (in real terms) of apples, pears, stone fruit and grapes. Demand for fruit juices continued to strengthen, and purchases reached a new high level of 2·20 fl. oz per person per week, but consumption of canned fruit continued its downward trend.

18 Bread. Household purchases of bread fell to a new low level of 31·38 oz per person per week, the further decline for white bread, particularly large sliced white loaves, not being fully offset by the continued growth in demand for other kinds of bread, notably brown, wholemeal and wholewheat bread.

19 Flour, flour confectionery and other cereal foods. Purchases of flour fell further to 5·75 oz per person per week in 1979 but the decrease was offset by increased purchases of flour confectionery. The long-term upward trend in consumption of ready-to-eat breakfast cereals was interrupted by a shortfall in supplies caused by an industrial dispute during the summer. Purchases of rice attained a new high level and those of other cereal convenience foods continued their upward trend.

20 Beverages. Tea and instant coffee were on sale in 1979 in imperial packs (whole numbers of ounces) and in metric packs (multiples of 125 g for tea but of 100 g for instant coffee). Because the quantities in each metric transaction had to be rounded to the nearest ounce in order to be compatible with the requirements of the data-processing system used by the Survey, this has caused some understatement in the recorded averages of consumption of tea with some overstatement of its average price, and some overstatement of the recorded averages of consumption of instant coffee but understatement of its average price. Although the *exact* margin of error this has introduced is not known, it is appreciably less than might have been involved if all the transactions had been in respect of 100 g or 125 g packings, and does not invalidate the conclusion to be drawn from the data that consumption both of tea and of instant coffee increased in 1979 and that in real terms their average prices declined.

Averages for social, economic and other groups

21 Regions and type of area (Tables 11, 12 and 35). Two separate geographical analyses of National Food Survey data are made. The analysis according to region is in terms of the standard regions as defined in Table 1 of Appendix A to this Report except that the very small sample from East Anglia has been combined with the sample from the South East region. The analysis according to type of area distinguishes six categories:—(i) Greater London, (ii) the Metropolitan counties 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.

22 The Survey is designed to be representative of Great Britain as a whole and practical considerations limit the number of localities which can be included

from each region in any one year.¹ The localities selected in a single year from any one region may not therefore be fully representative of that region. The regional estimates given in Tables 11 and 12 should therefore be treated with some reserve. Moreover, direct comparisons with data for earlier years should be avoided for this reason and also because of the changes to regional boundaries which have been made from time to time. An indication of the variation which occurs from year to year may be obtained from the regional averages for each year from 1970 to 1975 which are shown in Table 17 of the Annual Report for 1975. Further details of the samples of responding households are given in Table 2-4 of Appendix A.

23 Income groups (Tables 13-15 and 36). The income groups³ in this analysis continue to be defined in terms of the gross weekly income of (in most cases the head of the household, and the income ranges for each group are revised annually in order to allow for prospective inflation and changes in gross earnings during the following twelve months. This revision must take place in advance of the fieldwork for the year. Further details of the procedure were given in paragraph 53 of the Annual Report for 1975.² The income range used in 1979 and the distribution of households in the effectively responding sample are shown below. Further details of the sample of households in each group are given in Tables 3, 4 and 5 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:</i>					
A1	£200 or more	225	3.1	4.1	3
A2	£145 but less than £200	438	6.0	8.0	7
B	£90 but less than £145	2,168	29.8	39.7	40
C	£56 but less than £90	1,992	27.4	36.5	40
D	Less than £56	638	8.8	11.7	10
<i>Total A to D</i>		5,461	75.0	100	100
<i>Households without an earner:</i>					
E1	£56 or more	244	3.4		
E2	Less than £56	539	7.4		
Pensioner households (b)	n.a.	1,033	14.2		
<i>Total all households</i>		7,277	100		

(a) Or of the principal earner if the income of the head of the household was below £56 (the upper limit for group D). See "Income groups" in Glossary.

(b) See Glossary.

¹Details of the sampling scheme are given in Appendix A.

²Household Food Consumption and Expenditure: 1975, HMSO, 1977.

³See Glossary.

24 The distribution of households in the sample according to income differs from the target distribution by different amounts (usually small) each year. In 1979 there were rather too many households classified in groups A and D at the expense of those classified in group C. 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 may be different. However, in so far as this is a *classification* problem the overall averages for all households are not affected.

25 Household composition groups (Tables 16–20, 37 and 38). The classification of households according to their composition in terms of numbers of adults and children is fully comparable with that used in the four previous years. The increase in the number of single-adult households included in the sample in 1979 restores satisfactory representation of that group. In the previous year, owing to an error, the sample selection procedure normally used by the Office of Population Censuses and Surveys was not wholly complied with, and this resulted in some single-adult households being systematically excluded. If adjustment had been made for this, the national average estimate of household food expenditure in 1978 would have increased to £5.66 per person per week instead of £5.61, a difference of less than 1 per cent. The national average estimates of quantities of individual foods also would have been only barely affected. When comparing the averages for households of different composition cross-classified by income group (as shown in Tables 19, 20 and 38) with those for earlier years the qualifications mentioned in paragraph 24 should also be borne in mind.

26 Age of housewife groups (Tables 21–23 and 39). This classification is now included regularly in Annual Reports because of requests from users of the data. The averages for the various groups differ appreciably but, as with other classifications according to a single characteristic, they are purely descriptive and do not directly give a measure of the effect that age of housewife has on food consumption patterns; for this latter purpose, it would be necessary to standardise the data in each group to allow for differences between the groups in income, family composition and other factors.

27 Housing tenure groups (Tables 24–26 and 40). This classification, which now also features regularly in Annual Reports, 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 last few years, particularly in the growth of home ownership and the decrease in relative importance of privately rented unfurnished property.

Special analyses

28 Freezer-owning and other households (Tables 27–29 and 41). Households owning deep-freezers suitable for freezing fresh produce and for its long-term storage accounted for 41 per cent of the responding sample in 1979 compared with a revised estimate of 37 per cent in 1978 after correction for the under-representation of single-adult households in the selected sample for that year (see paragraph 25 above). Ownership of refrigerators is much more extensive, and rose to 95 per cent of survey households in 1979 compared with a revised estimate of 94 per cent in the previous year. Details of the distributions of

ownership of deep-freezers and of refrigerators are given in Table 3 of Appendix A.

29 The increase in ownership of deep-freezers has been accompanied by an increase in the standard errors of the averages of expenditure and consumption (defined as purchases plus free supplies) for some foods because of the concomitant increase in bulk buying. Such bulk buying occurs not only in the initial stocking of newly acquired freezers but also in their normal usage: it is particularly prevalent in the case of purchases of carcase meat. The estimates of consumption throughout this Report (except in the last two columns of Table 28) have all been based on acquisitions of food measured at the time it is acquired (in the case of purchases) or at the time it is used (in the case of garden and allotment produce)¹. However, for freezer-owning households, estimates of consumption have also been made which, in the case of food that was explicitly purchased to put into the freezer, measures it at the time and in the quantity it is removed from the freezer. These estimates are much less affected by sampling and other variation, and therefore in the short run give a more accurate representation of actual consumption. Estimates thus derived are shown in the penultimate column of Table 28, while the final column of that table has used these estimates, in conjunction with the conventional estimates for households not owning a freezer, to derive alternative national averages. It should be noted that the alternative estimates are not obtained by actually measuring the change in households' freezer stocks: indeed, the measurements which are made do not in all cases enable the change in stocks to be ascertained. For example, the weight recorded at the time a bulk purchase of carcase meat is made is the weight which is used for pricing purposes and which will, in some cases, include fat, bone or other trimmings which have been removed at the purchaser's request before delivery.

30 *Meals eaten outside the home* (Tables 30 and 31). A small increase in the number of meals out per head was recorded in 1979. However, the average number of school meals per child aged 5-14 years barely changed but there were further very small increases in the number of other mid-day meals eaten out and in the number of packed meals taken to school by this age group. Changes in the numbers recorded in different types of household appear erratic and are probably largely due to sampling variation.

31 *Household purchases of soft drinks* (Table 32). The averages presented in Table 32 are from an interim extension of the normal Survey recording procedure 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 food supply are excluded from all other tables of National Food Survey data presented in this Report.

Nutritional Value

32 *Introduction*. The nutritional value of the food obtained in different categories of household in Great Britain is shown in Tables 33 to 41, and was determined by the methods described in Appendix A, paragraphs 12 and 13

¹See Glossary.

These estimated intakes are based on the quantities of food recorded by the Survey and may therefore differ from actual intakes in a number of respects. The two most important of these are, firstly, that the estimated intakes exclude the nutrients provided by meals and snacks eaten outside the home, the contributions—mainly energy (calories)—made by alcoholic drinks, soft drinks and sweets (but see paragraph 35), and the vitamins from pharmaceutical preparations. Secondly, these estimates have not been abated in respect of any potentially edible food which is wasted or fed to pets (although allowance has been made for wastage of inedible food such as bones in meat, outer leaves or skins of vegetables etc).

33 In families with several children, the average nutrient intakes *per person* are generally less than in wholly-adult households, but this may simply reflect the smaller food requirements of children. Therefore, to facilitate nutritional interpretation, the estimated nutrient intakes are also shown as percentages of amounts currently recommended for groups of people by the Department of Health and Social Security (DHSS)¹. For these comparisons only, allowance is made for the age, sex and occupational activity of each household member, the proportion of meals not taken from the household supply and for wastage of potentially edible food (Appendix A, paragraph 14). The results obtained provide a valuable yardstick for assessing trends over time and differences between groups of households. However, the DHSS, in discussing the purpose of the new recommendations and their use in interpreting surveys of food supplies, explains that these results cannot be used to show the presence or absence of malnutrition. The recommendations are defined as “the amount of [each] nutrient which should be provided per head in a group of people if the needs of practically all members of the group are to be met”¹; they are, therefore, greater than the actual requirements of most, though not all, individuals. Hence, the intakes of a substantial proportion of people within a group, or even the average for the group as a whole, may be below the recommended level whilst at the same time being more than sufficient to meet their needs. Nevertheless, it remains true that “on present knowledge, the greater the proportion of people with intakes below those recommended, the greater the possibility that some individuals may be under-nourished with respect to the nutrient or nutrients in question”¹.

34 The amounts of nutrients recommended in 1979 differ in certain respects from those which were recommended in 1969² and used in the interpretation of National Food Survey results between 1968 and 1978. In particular, recommendations are no longer made about *dietary* vitamin D: the needs of most individuals can be met from the action of sunlight on bare skin and not from the diet, since most foods contain little vitamin D. The recommendation that protein should provide 10 per cent of the dietary energy continues, but is no longer accompanied by “minimum requirement” values; however, values have been derived for use in the Survey from United Nations recommendations.³ Tentative recommendations for an additional B-vitamin, folic acid, have not been used in this Report. It has been estimated that the adoption in the Survey of the new recommendations has the effect of producing the following changes

¹Department 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.

²Department of Health and Social Security. *Recommended Intakes of Nutrients for the United Kingdom*. Reports on Public Health and Medical Subjects No. 120, HMSO, 1969.

³D H Buss, *Journal of Human Nutrition* 33, 325–328, 1979.

in the *apparent* nutritional adequacy of an unchanged diet: energy +6 per cent protein (recommended) +6 per cent; protein (minimum requirement) -6 per cent; calcium -2 per cent; iron, thiamin and riboflavin, each +2 per cent and nicotinic acid equivalent -1 per cent. These breaks in series do not of course affect comparisons with earlier years of the estimates of average nutrient consumption per person per day. A change has also been made in the method of calculating retinol equivalents which has resulted in an apparent reduction of about 6 per cent in the vitamin A content of the average diet.¹

35 *National averages.* The nutritional value of the food brought into the home in each quarter of 1979 is summarised in Table 33, and the contributions made by major groups of foods to the intake of each nutrient during the year are shown in Table 34. The average energy content of the diet was 2250 kcal (9.5 MJ) per person per day, which, after allowance for wastage and for meals not eaten at home, exactly met the new DHSS recommendation. In addition an average of 19 kcal per person per day was obtained from soft drinks (Table 32), and up to a further 141 kcal and 174 kcal per person per day respectively was available from the total UK supplies of sweets and alcohol (Appendix C). Slightly less food energy was derived from carbohydrate in 1979 than in 1978 (44.6 per cent compared with 45.1 per cent) because the reduced contributions from white bread and, to a lesser extent, from sugar were not fully offset by increases from brown, wholemeal and other breads. The proportions of energy derived from animal protein, vegetable protein and fat all increased.

36 The calcium, iron, riboflavin and nicotinic acid contents of the diet were slightly less than in 1978; this was mainly due to decreases in the consumption of bread and of liquid milk which were not fully offset by the increased consumption of meat. The recorded intake of vitamin D rose, however, following the continued shift from butter to soft margarine and an increase in the consumption of fat fish. The total intake of vitamin C was the same as in 1978 although the proportion derived from fruit increased (35.6 per cent compared with 33.0 per cent) and that from vegetables decreased (51.7 per cent compared with 54.9 per cent).

37 The average costs of the nutrients obtained from a variety of important foods in 1979 are compared in Tables 42 and 43.

38 *Nutrient intake according to region and type of area, income group, household composition, age of housewife, housing tenure and freezer ownership.* Table 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 21 to 29.

39 Table 36 shows that households without an earner again recorded the highest intakes of energy and of most nutrients. However, the simultaneous assessment of the effects of income and household composition given in Table 38 demonstrates that, in Britain, the composition of the family continues to be a more important determinant of nutrient intake than the income of the head of the household. Variations in income and family composition will also

¹See Footnote 3 to paragraph 34.

exist between the groups of households nominally classified according to age of housewife, to housing tenure and to freezer ownership; such variations may well account for many of the differences between the nutrient intakes of the groups of households shown in Tables 39 to 41.

III Tables

TABLE 1

*Changes in incomes, prices and
consumers' expenditure, 1975-1979*

	1975	1976	1977	1978	1979
Index of personal disposable income per head (a) (b):					
In money terms	100	114.9	129.5	152.4	180.6
In real terms (c)	100	99.4	97.4	105.4	111.4
Index of average weekly earnings per head (a) (d)	100	113.4	123.1	140.1	162.5
General Index of Retail Prices (a):					
All items	100	116.5	135.0	146.2	165.8
Food	100	120.0	142.8	152.9	171.3
Indices of consumers' expenditure per head (e):					
Household food expenditure (f)					
At current prices	100	117.0	134.4	149.2	170.4
At 1975 prices	100	101.1	99.9	102.2	104.3
Catering expenditure on food (g)					
At current prices	100	119.1	135.0	148.6	171.3
At 1975 prices	100	100.5	99.5	103.0	106.1
Total food expenditure (h)					
At current prices	100	117.3	134.4	149.1	170.5
At 1975 prices	100	101.0	99.8	102.3	104.5
Total consumers' expenditure					
At current prices	100	116.1	132.8	152.9	178.2
At 1975 prices	100	100.4	99.8	105.8	110.0
Total food expenditure as percentage of total consumers' expenditure on goods and services (e):					
At current prices	21.4	21.7	21.7	20.9	20.5
At 1975 prices	21.4	21.6	21.4	20.7	20.4

(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, 98.6, 96.0, 104.2 and 108.9 respectively.

(d) Estimated average weekly earnings as measured by the Department of Employment's monthly enquiry into the total wage and salary bills of manufacturing and some other industries and services in Great Britain.

(e) Derived from data in *National Income and Expenditure 1980 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 and £53 million in 1979.

(f) 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.

(g) 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 (e) above).

(h) 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, 1979

(per person per week)

	Expenditure on food			Value of garden and allotment produce, etc (a)		Value of consumption (b)		
	1978	1979	Per-centage change	1978	1979	1978	1979	Per-centage change
	£	£		£	£	£	£	
1st quarter	5.39	5.99	+11.1	.12	.09	5.51	6.08	+10.4
2nd quarter	5.49	6.32	+15.1	.10	.10	5.59	6.42	+14.9
3rd quarter	5.81	6.67	+14.8	.21	.21	6.01	6.88	+14.3
4th quarter	5.76	6.71	+16.5	.18	.13	5.93	6.84	+15.2
Yearly average	5.61	6.42	+14.4	.15	.13	5.76	6.56	+13.8

(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

	1979 on 1978	1979 on 1978 Quarters			
		1	2	3	4
<i>Expenditure</i>					
Seasonal foods (a)	+17.5	+ 8.2	+17.4	+18.7	+29.1
Convenience foods (a)					
Canned	+11.8	+ 7.4	+ 7.6	+14.5	+18.6
Frozen	+28.7	+40.1	+32.0	+17.9	+25.4
Other convenience foods	+14.9	+ 8.6	+14.6	+16.3	+18.0
Total convenience foods	+15.7	+11.8	+15.0	+16.1	+19.1
All other foods (b)	+13.5	+11.5	+14.6	+13.3	+12.9
All foods (b)	+14.7	+11.1	+15.2	+14.8	+16.5
<i>Food prices</i>					
Seasonal foods (a)	+15.1	+17.9	+11.3	+14.7	+22.7
Convenience foods (a)					
Canned	+ 8.2	+ 4.8	+ 7.2	+ 9.2	+10.9
Frozen	+14.3	+11.8	+15.0	+17.3	+11.7
Other convenience foods	+ 9.4	+ 6.4	+ 6.7	+10.6	+12.8
Total convenience foods	+ 9.7	+ 6.7	+ 7.8	+11.0	+12.2
All other foods (b)	+11.4	+11.5	+10.9	+11.0	+11.3
All foods (b)	+11.5	+11.2	+10.2	+11.6	+13.0
<i>Real value of food purchased</i>					
Seasonal foods (a)	+ 2.1	- 8.2	+ 5.5	+ 3.5	+ 5.2
Convenience foods (a)					
Canned	+ 3.4	+ 2.5	+ 0.3	+ 4.8	+ 6.9
Frozen	+12.7	+25.3	+14.8	+ 0.5	+12.3
Other convenience foods	+ 5.0	+ 2.0	+ 7.4	+ 5.2	+ 4.7
Total convenience foods	+ 5.6	+ 4.8	+ 6.6	+ 4.5	+ 6.1
All other foods (b)	+ 1.9	+ 0.0	+ 3.3	+ 2.1	+ 1.5
All foods (b)	+ 2.8	- 0.1	+ 4.5	+ 3.0	+ 3.1

(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, 1975-1979

(1975 = 100)

	Food codes (1979)	Indices of expenditure			
		1976	1977	1978	1979
<i>Main food groupings</i>					
Liquid milk	4	134.3	160.2	179.8	200.0
Other milk and cream	9-17	115.7	130.0	157.5	198.1
Milk and cream	4-17	131.5	155.7	176.5	199.7
Cheese	22, 23	116.0	145.8	160.3	194.5
Beef and veal	31	110.0	132.2	151.7	172.0
Mutton and lamb	36	117.3	130.1	148.2	173.9
Pork	41	117.5	145.7	172.2	199.2
Carcase meat	31-41	113.0	134.0	154.4	177.1
Bacon and ham, uncooked	55	118.2	132.0	142.7	159.8
Poultry, uncooked	73, 77	118.5	145.8	158.4	197.1
Other meat and meat products	46-51, 58-71, 78-88, 94	115.8	132.8	150.6	172.0
All meat	31-94	115.1	134.5	152.1	175.2
Fish, fresh and processed	100-117	115.6	134.4	155.8	176.2
Fish, convenience	118-127	114.9	124.2	146.8	176.4
Fish	100-127	115.2	129.2	151.2	176.3
Eggs	129	112.1	122.8	123.7	141.9
Butter	135	126.9	144.6	158.4	185.9
Margarine	138	118.9	170.3	178.8	190.6
Other fats	139-148	91.0	113.9	128.6	132.3
Fats	135-148	116.7	142.9	155.7	174.3
Sugar	150	94.3	96.9	101.7	113.0
Preserves	151-154	97.4	111.8	115.2	125.7
Potatoes (raw)	156-161	158.1	121.9	91.2	121.8
Fresh green vegetables	162-171	106.2	117.8	127.9	152.6
Other fresh vegetables	172-183	112.0	126.0	135.8	158.9
Other vegetables	184-208	121.8	132.3	135.5	164.3
Vegetables	156-208	127.4	126.0	122.4	149.8
Fresh fruit	210-231	108.6	133.5	145.4	162.2
Other fruit	233-248	109.7	133.2	148.2	163.6
Fruit	210-248	109.0	133.4	146.5	162.7
Bread	251-263	110.2	131.3	150.4	170.1
Cereals, other than bread	264-301	108.9	128.7	143.6	164.5
Cereals	251-301	109.4	129.7	146.3	166.7
Beverages	304-313	125.4	204.2	221.0	227.0
Miscellaneous foods (a)	315-334, 339	115.7	126.7	140.9	161.2
<i>Seasonal, convenience and other foods</i>					
Seasonal foods	(b)	119.9	125.8	126.8	149.0
Convenience foods	(b)				
Canned		111.4	118.5	126.5	141.5
Frozen		133.6	167.1	171.7	221.0
Other convenience foods		114.1	132.4	155.0	178.0
Total convenience foods		115.3	132.0	148.7	172.1
All other foods (a)		116.3	140.0	155.7	176.8
ALL FOODS (a)	4-339	116.7	135.5	148.9	170.7

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

(b) Foods included in these categories are itemised in Appendix A, Table 9.

TABLE 5

Indices of prices for main food groups, 1975-1979

(1975 = 100)

	Food codes (1979)	Indices of prices			
		1976	1977	1978	1979
I Main food groupings					
Liquid milk	4	134.8	170.0	192.5	219.4
Other milk and cream	9-17	116.5	129.5	143.9	161.3
Milk and cream	4-17	132.1	163.8	184.7	209.4
Cheese	22, 23	116.4	146.0	164.5	193.3
Beef and veal	31	119.7	134.0	153.1	172.6
Mutton and lamb	36	118.3	139.4	161.0	172.6
Pork	41	112.4	119.9	141.0	148.7
Carcass meat	31-41	118.1	132.5	152.6	167.9
Bacon and ham, uncooked	55	116.8	121.4	132.0	146.7
Poultry, uncooked	73, 77	113.4	135.9	147.2	166.9
Other meat and meat products	46-51, 58-71, 78-88, 94	114.2	127.5	140.0	158.4
All meat	31-94	116.2	129.8	145.4	162.1
Fish, fresh and processed	100-117	113.8	142.2	157.5	175.3
Fish, convenience	118-127	116.7	146.2	160.1	174.6
Fish	100-127	115.3	144.2	158.8	174.9
Eggs	129	112.9	128.6	128.6	149.0
Butter	135	138.2	173.5	196.0	235.5
Margarine	138	101.2	127.3	131.5	136.3
Other fats	139-148	96.2	117.1	120.0	126.1
Fats	135-148	119.7	148.4	160.8	182.8
Sugar	150	87.0	90.3	96.6	109.9
Preserves	151-154	103.4	117.4	127.7	139.8
Potatoes (raw)	156-161	196.2	134.5	87.6	119.1
Fresh green vegetables	162-171	110.4	127.9	117.4	154.8
Other fresh vegetables	172-183	113.8	126.0	128.3	145.2
Other vegetables	184-208	121.6	136.6	134.2	148.7
Vegetables	156-208	137.6	132.3	117.7	140.6
Fresh fruit	210-231	103.0	133.5	141.0	141.4
Other fruit	233-248	109.1	139.3	153.9	166.3
Fruit	210-248	105.2	135.6	145.6	150.0
Bread	251-263	110.6	133.0	155.0	176.1
Cereals, other than bread	264-301	108.1	127.4	142.6	158.5
Cereals	251-301	109.1	129.6	147.4	165.3
Beverages	304-313	123.6	236.6	247.2	228.9
Miscellaneous foods (a)	315-334, 339	110.2	124.5	133.9	146.7
II Seasonal, convenience and other foods					
Seasonal foods	(b)	126.7	131.5	124.3	143.2
Convenience foods	(b)				
Canned		111.0	128.4	136.5	147.8
Frozen		120.3	139.4	145.6	166.0
Other convenience foods		116.0	140.4	153.5	168.1
Total convenience foods		115.1	137.0	148.1	162.4
All other foods (a)		116.5	139.1	155.5	173.3
III ALL FOODS (a)					
	4-339	117.9	137.3	148.1	165.3

(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, 1975-1979
(1975=100)

	Food codes (1979)	Indices of real value of purchases			
		1976	1977	1978	1979
I Main food groupings					
Liquid milk	4	99.6	94.3	93.4	91.2
Other milk and cream	9-17	99.3	100.4	109.4	122.9
Milk and cream	4-17	99.6	95.1	95.6	95.4
Cheese	22, 23	99.7	99.9	97.4	100.6
Beef and veal	31	91.9	98.7	99.1	99.6
Mutton and lamb	36	99.1	93.3	92.0	100.8
Pork	41	104.6	121.5	122.1	133.9
Carcase meat	31-41	95.7	101.1	101.2	105.5
Bacon and ham, uncooked	55	101.2	108.7	108.1	108.9
Poultry, uncooked	73, 77	104.5	107.3	107.6	118.1
Other meat and meat products	46-51, 58-71, 78-88, 94	101.4	104.2	107.6	108.6
All meat	31-94	99.0	103.6	104.6	108.1
Fish, fresh and processed	100-117	101.6	94.6	99.0	100.5
Fish, convenience	118-127	98.5	85.0	91.7	101.1
Fish	100-127	100.0	89.6	95.2	100.8
Eggs	129	99.3	95.5	96.2	95.3
Butter	135	91.9	83.3	80.8	79.0
Margarine	138	117.4	133.8	136.0	139.9
Other fats	139-148	94.6	97.3	107.2	105.0
Fats	135-148	97.5	96.3	96.9	95.3
Sugar	150	108.4	107.3	105.3	102.8
Preserves	151-154	94.2	95.3	90.2	90.0
Potatoes (raw)	156-161	80.6	90.6	104.1	102.2
Fresh green vegetables	162-171	96.2	92.1	109.0	98.5
Other fresh vegetables	172-183	98.4	100.0	105.9	109.5
Other vegetables	184-208	100.1	96.8	101.0	110.5
Vegetables	156-208	92.6	95.2	104.0	106.5
Fresh fruit	210-231	105.4	100.0	103.2	114.7
Other fruit	233-248	100.6	95.6	96.3	98.3
Fruit	210-248	103.6	98.4	100.6	108.5
Bread	251-263	99.7	98.7	97.1	96.6
Cereals, other than bread	264-301	100.7	101.0	100.7	103.8
Cereals	251-301	100.3	100.1	99.3	100.9
Beverages	304-313	101.4	86.3	89.4	99.2
Miscellaneous foods (a)	315-334, 339	105.0	101.8	105.2	109.9
II Seasonal, convenience and other foods					
Seasonal foods	(b)	94.6	95.6	102.1	104.0
Convenience foods	(b)				
Canned		100.4	92.3	92.7	95.8
Frozen		111.1	119.9	118.0	133.1
Other convenience foods		98.4	94.3	101.0	105.9
Total convenience foods		100.2	96.3	100.4	105.9
All other foods (a)		99.8	100.7	100.1	102.0
III ALL FOODS (a)					
	4-339	99.0	98.7	100.5	103.3

(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 7

Household consumption of individual foods
(a): quarterly and annual national averages, 1979
(oz per person per week, except where otherwise stated)

	Consumption					Purcha
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Year average
MILK AND CREAM:						
Liquid milk						
Full price (pt)	4.38	4.31	4.13	4.11	4.23	4.1
Welfare (pt)	0.02	0.03	0.03	0.01	0.02	—
School (pt)	0.07	0.06	0.03	0.05	0.05	...
<i>Total liquid milk</i> (pt)	<i>4.47</i>	<i>4.40</i>	<i>4.19</i>	<i>4.17</i>	<i>4.31</i>	<i>4.1</i>
Condensed milk (eq pt)	0.11	0.14	0.13	0.12	0.13	0.1
Dried milk, branded (eq pt)	0.05	0.05	0.06	0.10	0.07	0.0
Instant milk (eq pt)	0.12	0.11	0.11	0.09	0.11	0.1
Yoghurt (pt)	0.06	0.08	0.08	0.06	0.07	0.0
Other milk (pt)	0.03	0.02	0.03	0.03	0.03	0.0
Cream (pt)	0.03	0.03	0.03	0.03	0.03	0.0
<i>Total milk and cream</i> ... (pt or eq pt)	<i>4.87</i>	<i>4.83</i>	<i>4.63</i>	<i>4.60</i>	<i>4.74</i>	<i>4.6</i>
CHEESE:						
Natural	3.45	3.87	3.54	3.59	3.61	3.6
Processed	0.23	0.23	0.27	0.20	0.23	0.2
<i>Total cheese</i>	<i>3.67</i>	<i>4.10</i>	<i>3.81</i>	<i>3.79</i>	<i>3.84</i>	<i>3.8</i>
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal... ..	8.94	7.45	8.49	8.21	8.27	8.2
Mutton and lamb	3.85	3.98	4.50	4.77	4.28	4.2
Pork	3.58	2.91	4.15	3.89	3.63	3.6
<i>Total carcase meat</i>	<i>16.36</i>	<i>14.34</i>	<i>17.14</i>	<i>16.87</i>	<i>16.18</i>	<i>16.1</i>
Other meat and meat products						
Liver	0.81	0.66	0.79	0.67	0.73	0.7
Offals, other than liver	0.43	0.23	0.28	0.30	0.31	0.3
Bacon and ham, uncooked	4.53	4.28	4.43	4.15	4.35	4.3
Bacon and ham, cooked, including canned	0.87	1.24	1.22	1.09	1.11	1.1
Cooked poultry, not purchased in cans	0.24	0.33	0.29	0.23	0.27	0.2
Corned meat	0.74	0.71	0.64	0.55	0.66	0.6
Other cooked meat, not purchased in cans	0.41	0.57	0.54	0.45	0.49	0.4
Other canned meat and canned meat products	1.56	1.45	1.60	1.33	1.49	1.4
Broiler chicken, uncooked, including frozen	4.34	3.77	4.58	4.54	4.31	4.3
Other poultry, uncooked, including frozen	1.42	2.47	2.06	3.01	2.24	2.2
Rabbit and other meat	0.10	0.09	0.05	0.08	0.08	0.0
Sausages, uncooked, pork	1.89	1.82	1.89	1.80	1.85	1.8
Sausages, uncooked, beef	1.77	1.38	1.73	1.66	1.64	1.6
Meat pies and sausage rolls, ready- to-eat	0.64	0.77	0.81	0.71	0.73	0.7
Frozen convenience meats or frozen convenience meat products	1.28	1.28	1.29	1.37	1.31	1.3
Other meat products	2.33	2.56	2.75	2.49	2.53	2.5
<i>Total other meat and meat products</i>	<i>23.37</i>	<i>23.60</i>	<i>24.95</i>	<i>24.42</i>	<i>24.09</i>	<i>23.9</i>
<i>Total meat and meat products</i>	<i>39.73</i>	<i>37.94</i>	<i>42.09</i>	<i>41.29</i>	<i>40.27</i>	<i>40.0</i>
FISH:						
White, filleted, fresh	0.91	1.03	0.84	0.90	0.92	0.9
White, unfileted, fresh	0.16	0.20	0.30	0.24	0.23	0.2
White, uncooked frozen	0.42	0.45	0.44	0.47	0.45	0.4
Herrings, filleted, fresh	—	—	0.01	0.02	0.01	0.0
Herrings, unfileted, fresh	0.02	0.02	0.02	0.03	0.02	0.0
Fat, fresh, other than herrings	0.12	0.10	0.27	0.23	0.18	0.1
White, processed	0.16	0.22	0.19	0.27	0.21	0.2
Fat, processed, filleted	0.09	0.11	0.13	0.14	0.12	0.1
Fat, processed, unfileted	0.04	0.05	0.08	0.07	0.06	0.0
Shellfish	0.06	0.09	0.09	0.10	0.09	0.0
Cooked fish	0.63	0.74	0.87	0.76	0.75	0.7
Canned salmon	0.08	0.16	0.21	0.18	0.16	0.1
Other canned or bottled fish	0.32	0.36	0.44	0.39	0.38	0.3
Fish products, not frozen	0.10	0.16	0.18	0.14	0.15	0.1
Frozen convenience fish products	0.87	0.82	0.76	0.79	0.81	0.8
<i>Total fish</i>	<i>3.98</i>	<i>4.51</i>	<i>4.82</i>	<i>4.71</i>	<i>4.51</i>	<i>4.5</i>
EGGS (no)	3.97	3.91	3.94	3.69	3.88	3.8

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	4-47	4-51	4-34	4-46	4-45	4-45
Margarine	3-58	3-57	3-54	3-83	3-63	3-63
Lard and compound cooking fat	2-02	1-80	1-73	1-89	1-86	1-86
Vegetable and salad oils... .. (fl oz)	0-67	0-60	0-69	0-90	0-72	0-72
All other fats	0-39	0-33	0-37	0-47	0-39	0-39
Total fats	11-13	10-82	10-66	11-55	11-04	11-04
SUGAR AND PRESERVES:						
Sugar	11-29	10-92	12-18	11-79	11-55	11-55
Jams, jellies and fruit curds	1-05	1-05	1-00	0-99	1-02	0-99
Marmalade	0-68	0-72	0-69	0-74	0-71	0-71
Syrup, treacle	0-23	0-24	0-16	0-27	0-23	0-23
Honey	0-17	0-22	0-18	0-25	0-21	0-20
Total sugar and preserves	13-43	13-16	14-21	14-04	13-71	13-68
VEGETABLES:						
Old potatoes						
January-August						
not prepacked	39-50	22-68	0-49	—	15-67	14-99
prepacked	7-16	3-75	0-06	—	2-74	2-74
New potatoes						
January-August						
not prepacked	0-35	12-25	23-42	—	9-01	8-09
prepacked	0-02	1-03	2-65	—	0-93	0-93
Potatoes						
September-December						
not prepacked	—	—	12-57	40-00	13-14	11-98
prepacked	—	—	1-97	6-46	2-11	2-11
Total fresh potatoes	47-03	39-71	41-15	46-46	43-59	40-83
Other fresh green vegetables						
Cabbages, fresh	3-42	3-98	4-99	3-97	4-09	3-40
Brussels sprouts, fresh	2-67	0-37	0-30	3-64	1-75	1-48
Cauliflowers, fresh	0-31	1-55	2-79	2-81	1-87	1-69
Leafy salads, fresh	0-44	1-85	2-29	0-79	1-34	1-11
Peas, fresh	0-15	0-16	1-07	0-22	0-40	0-19
Beans, fresh	0-40	0-34	3-62	0-91	1-32	0-39
Other fresh green vegetables	0-01	0-25	0-14	0-10	0-13	0-05
Total fresh green vegetables	7-40	8-50	15-20	12-42	10-88	8-30
Other fresh vegetables						
Carrots, fresh	4-04	2-99	3-16	4-37	3-64	3-30
Turnips and swedes, fresh	1-96	0-50	0-69	1-91	1-27	1-08
Other root vegetables, fresh	0-93	0-68	0-73	1-02	0-84	0-63
Onions, shallots, leeks, fresh	3-47	3-38	2-91	3-58	3-34	3-04
Cucumbers, fresh	0-39	1-30	1-43	0-55	0-92	0-84
Mushrooms, fresh	0-50	0-53	0-46	0-53	0-51	0-50
Tomatoes, fresh	1-84	3-83	6-33	3-39	3-85	3-24
Miscellaneous fresh vegetables	0-59	0-87	1-97	1-06	1-12	0-90
Total other fresh vegetables	13-72	14-09	17-69	16-42	15-48	13-52
Processed vegetables						
Tomatoes, canned or bottled	1-56	1-27	1-05	1-20	1-27	1-27
Canned peas	2-82	2-69	2-75	2-43	2-67	2-67
Canned beans	4-31	4-05	4-10	3-90	4-09	4-09
Canned vegetables, other than pulses, potatoes or tomatoes	1-35	1-36	1-20	1-09	1-25	1-25
Dried pulses, other than air-dried	0-41	0-26	0-23	0-33	0-31	0-31
Air-dried vegetables	0-02	0-02	0-03	0-01	0-02	0-02
Vegetable juices (fl oz)	0-13	0-13	0-09	0-10	0-11	0-11
Chips, excluding frozen	0-79	1-16	1-16	0-94	1-01	1-01
Instant potato	0-06	0-09	0-10	0-09	0-09	0-09
Canned potato	0-15	0-13	0-15	0-11	0-14	0-14
Chips and other potato products, not frozen	0-54	0-67	0-64	0-63	0-62	0-62
Other vegetable products	0-27	0-41	0-37	0-32	0-34	0-34
Frozen peas	1-96	2-02	1-46	1-56	1-75	1-75
Frozen beans	0-70	0-66	0-43	0-44	0-56	0-55
Frozen chips and other frozen convenience potato products	0-63	0-75	0-86	0-97	0-80	0-80
All frozen vegetables and frozen vegetable products, not specified elsewhere	1-14	1-27	0-75	0-86	1-01	1-01
Total processed vegetables	16-85	16-96	15-37	14-98	16-04	16-03
Total vegetables	85-00	79-26	89-41	90-28	85-99	78-68

TABLE 7—continued

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

	Consumption					Purc
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average	Ye ave.
FRUIT:						
Fresh						
Oranges	4.23	4.06	2.25	2.01	3.14	3
Other citrus fruit	2.34	2.10	0.77	2.27	1.87	1
Apples	7.54	7.60	7.33	9.06	7.88	7
Pears	0.74	0.70	0.90	1.48	0.96	0
Stone fruit	0.08	0.29	2.99	0.39	0.94	0
Grapes	0.15	0.15	0.60	0.63	0.38	0
Soft fruit, other than grapes	0.11	0.31	2.24	0.16	0.71	0
Bananas	2.33	3.19	2.96	3.04	2.88	2
Rhubarb	0.13	1.32	0.45	0.11	0.50	0
Other fresh fruit	0.05	0.21	0.83	0.41	0.38	0
<i>Total fresh fruit</i>	<i>17.69</i>	<i>19.91</i>	<i>21.33</i>	<i>19.56</i>	<i>19.62</i>	<i>18</i>
Canned peaches, pears and pineapples	1.27	1.44	1.57	1.58	1.47	1
Other canned or bottled fruit	1.44	1.35	1.30	1.37	1.37	1
Dried fruit and dried fruit products	0.65	0.74	0.74	1.46	0.90	0
Frozen fruit and frozen fruit products	0.06	0.12	0.04	0.08	0.08	0
Nuts and nut products	0.29	0.30	0.26	0.68	0.38	0
Fruit juices (fl oz)	1.87	2.02	2.53	2.37	2.20	2
<i>Total other fruit and fruit products</i>	<i>5.57</i>	<i>5.97</i>	<i>6.45</i>	<i>7.53</i>	<i>6.38</i>	<i>6</i>
<i>Total fruit</i>	<i>23.26</i>	<i>25.88</i>	<i>27.78</i>	<i>27.09</i>	<i>26.00</i>	<i>24</i>
CEREALS:						
White bread, large loaves, unsliced	6.20	5.33	5.77	5.29	5.65	5
White bread, large loaves, sliced	14.91	14.95	15.95	14.23	15.01	15
White bread, small loaves, unsliced	1.97	1.71	1.78	1.87	1.83	1
White bread, small loaves, sliced	0.49	0.53	0.64	0.77	0.61	0
Brown bread	3.22	3.71	3.85	4.17	3.74	3
Wholewheat and wholemeal bread	0.88	1.29	1.15	1.15	1.12	1
Other bread	3.09	3.41	3.71	3.51	3.43	3
<i>Total bread</i>	<i>30.76</i>	<i>30.93</i>	<i>32.85</i>	<i>30.99</i>	<i>31.38</i>	<i>31</i>
Flour	5.78	6.75	5.31	5.15	5.75	5
Buns, scones and teacakes	1.37	1.12	0.89	1.23	1.15	1
Cakes and pastries	2.44	2.81	3.09	3.08	2.86	2
Crispbread	0.24	0.28	0.19	0.17	0.22	0
Biscuits, other than chocolate biscuits	3.91	4.26	4.34	4.16	4.17	4
Chocolate biscuits	1.28	1.23	0.98	1.11	1.15	1
Oatmeal and oat products	0.68	0.31	0.33	0.47	0.45	0
Breakfast cereals	3.32	3.50	3.31	3.40	3.38	3
Canned milk puddings	1.28	1.34	1.15	1.07	1.21	1
Other puddings	0.22	0.11	0.12	0.31	0.19	0
Rice	0.65	0.62	1.04	0.59	0.73	0
Cereal-based, invalid foods (including "slimming" foods)	—	0.01	0.02	0.01	0.01	0
Infant cereal foods	0.11	0.10	0.10	0.11	0.11	0
Frozen convenience cereal foods	0.36	0.39	0.43	0.56	0.44	0
Cereal convenience foods, including canned, not specified elsewhere	2.25	2.12	2.30	2.29	2.24	2
Other cereal foods	0.48	0.29	0.39	0.38	0.39	0
<i>Total cereals</i>	<i>55.12</i>	<i>56.17</i>	<i>56.84</i>	<i>55.08</i>	<i>55.81</i>	<i>55</i>
BEVERAGES:						
Tea	2.09	2.08	2.19	2.08	2.11	2
Coffee, bean and ground	0.09	0.09	0.08	0.10	0.09	0
Coffee, instant	0.47	0.47	0.55	0.55	0.51	0
Coffee, essences (fl oz)	0.01	0.02	0.03	0.02	0.02	0
Cocoa and drinking chocolate	0.15	0.12	0.10	0.15	0.13	0
Branded food drinks	0.23	0.18	0.25	0.15	0.20	0
<i>Total beverages</i>	<i>3.05</i>	<i>2.95</i>	<i>3.19</i>	<i>3.04</i>	<i>3.06</i>	<i>3</i>
MISCELLANEOUS:						
Baby foods, canned or bottled	0.30	0.22	0.30	0.37	0.30	0
Soups, canned	3.76	2.55	2.35	3.24	2.98	2
Soups, dehydrated and powdered	0.20	0.12	0.12	0.13	0.14	0
Accelerated freeze-dried foods (excluding coffee)	—	—	—	—	—	—
Spreads and dressings	0.19	0.45	0.52	0.23	0.35	0
Pickles and sauces	1.62	1.92	1.74	2.03	1.83	1
Meat and yeast extracts	0.19	0.17	0.14	0.21	0.18	0
Table jelly, squares and crystals	0.25	0.36	0.38	0.25	0.31	0
Ice-cream (served as part of a meal), mousse (fl oz)	1.29	2.50	2.65	2.12	2.14	2
All frozen convenience foods, not specified elsewhere	0.01	0.01	0.01	...	0.01	0
Salt	1.22	0.61	0.81	0.82	0.87	0
Novel protein foods	0.03	0.02	0.04	0.01	0.03	0

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

TABLE 8
Household expenditure on individual foods (a): quarterly and
annual national averages, 1979
(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	58.91	60.11	61.47	61.40	60.47	97
Welfare	...	—	0.01	—	...	n.a.
School	0.02	0.04	—	0.04	0.03	n.a.
<i>Total liquid milk</i>	<i>58.93</i>	<i>60.15</i>	<i>61.48</i>	<i>61.44</i>	<i>60.50</i>	<i>97</i>
Condensed milk	1.51	1.88	1.78	1.72	1.72	16
Dried milk, branded	0.72	0.74	1.03	1.63	1.03	2
Instant milk	1.07	1.01	1.00	0.95	1.01	5
Yoghurt	2.47	3.13	3.08	2.49	2.79	20
Other milk	0.63	0.77	0.79	0.81	0.75	4
Cream	2.69	2.88	3.57	3.39	3.13	19
<i>Total milk and cream</i>	<i>68.02</i>	<i>70.56</i>	<i>72.73</i>	<i>72.44</i>	<i>70.94</i>	<i>99</i>
CHEESE:						
Natural	16.90	19.43	18.78	19.97	18.77	68
Processed	1.29	1.36	1.66	1.26	1.39	12
<i>Total cheese</i>	<i>18.18</i>	<i>20.79</i>	<i>20.45</i>	<i>21.23</i>	<i>20.16</i>	<i>71</i>
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal	57.13	48.91	57.95	59.06	55.76	64
Mutton and lamb	19.85	21.30	24.92	25.04	22.78	34
Pork	18.51	15.66	20.39	21.47	19.01	33
<i>Total carcase meat</i>	<i>95.50</i>	<i>85.86</i>	<i>103.27</i>	<i>105.58</i>	<i>97.55</i>	<i>79</i>
Other meat and meat products						
Liver	3.42	2.76	3.35	3.04	3.14	18
Offals, other than liver	1.29	0.77	0.88	1.11	1.01	6
Bacon and ham, uncooked	24.98	23.48	25.31	25.35	24.78	66
Bacon and ham, cooked, including canned	6.55	9.13	10.06	9.10	8.71	40
Cooked poultry, not purchased in cans	1.45	2.28	2.02	1.69	1.86	5
Corned meat	3.88	4.23	4.20	3.78	4.02	22
Other cooked meat, not purchased in cans	2.84	4.13	4.13	3.55	3.66	20
Other canned meat and canned meat products	4.92	4.63	5.32	4.60	4.87	23
Broiler chicken, uncooked, includ- ing frozen	14.48	13.32	16.44	16.40	15.16	27
Other poultry, uncooked, includ- ing frozen	4.27	7.83	7.05	10.41	7.39	7
Rabbit and other meat	0.37	0.35	0.19	0.23	0.29	1
Sausages, uncooked, pork	6.32	6.31	6.71	6.65	6.50	31
Sausages, uncooked, beef	5.48	4.33	5.66	5.75	5.31	26
Meat pies and sausage rolls, ready-to-eat	2.52	3.10	3.35	2.96	2.98	18
Frozen convenience meats or frozen convenience meat pro- ducts	5.88	5.91	6.15	6.81	6.19	18
Other meat products	10.88	12.64	14.01	12.85	12.60	46
<i>Total other meat and meat products</i>	<i>99.52</i>	<i>105.20</i>	<i>114.82</i>	<i>114.27</i>	<i>108.45</i>	<i>95</i>
<i>Total meat and meat products</i>	<i>195.02</i>	<i>191.06</i>	<i>218.09</i>	<i>219.85</i>	<i>206.00</i>	<i>97</i>
FISH:						
White, filleted, fresh	5.43	5.98	5.09	5.74	5.56	16
White, unfileted, fresh	0.78	0.76	1.11	1.22	0.97	3
White, uncooked, frozen	2.62	2.84	2.95	3.04	2.86	8
Herrings, filleted, fresh	—	0.01	0.04	0.09	0.04	...
Herrings, unfileted, fresh	0.06	0.07	0.06	0.11	0.08	...
Fat, fresh, other than herrings	0.45	0.30	1.04	1.12	0.73	2
White, processed	0.98	1.49	1.21	1.81	1.37	4
Fat, processed, filleted	0.50	0.66	0.77	0.78	0.68	3
Fat, processed, unfileted	0.15	0.20	0.32	0.39	0.27	1
Shellfish	0.69	0.92	1.07	1.22	0.98	2
Cooked fish	4.25	4.93	6.15	5.50	5.21	17
Canned salmon	0.73	1.54	2.05	1.87	1.55	6
Other canned or bottled fish	1.64	1.99	2.23	2.11	1.99	13
Fish products, not frozen	0.62	0.91	1.30	0.91	0.94	9
Frozen convenience fish products	4.70	4.28	4.30	4.63	4.48	17
<i>Total fish</i>	<i>23.60</i>	<i>26.86</i>	<i>29.73</i>	<i>30.54</i>	<i>27.68</i>	<i>64</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	18·20	17·45	17·29	18·07	17·75	76
FATS:						
Butter	18·69	19·17	17·61	18·37	18·46	61
Margarine	7·28	7·26	7·34	7·84	7·43	46
Lard and compound cooking fat	3·04	2·77	2·74	3·06	2·90	34
Vegetable and salad oils	1·46	1·23	1·42	1·92	1·51	6
All other fats	1·15	1·09	1·18	1·55	1·24	10
<i>Total fats</i>	<i>31·62</i>	<i>31·52</i>	<i>30·28</i>	<i>32·75</i>	<i>31·54</i>	<i>84</i>
SUGAR AND PRESERVES:						
Sugar	9·86	9·72	11·31	11·49	10·60	59
Jams, jellies and fruit curds	2·03	2·05	2·02	2·07	2·04	16
Marmalade	1·23	1·29	1·29	1·43	1·31	11
Syrup, treacle	0·43	0·41	0·29	0·51	0·41	3
Honey	0·67	0·60	0·65	1·03	0·74	3
<i>Total sugar and preserves</i>	<i>14·21</i>	<i>14·07</i>	<i>15·56</i>	<i>16·52</i>	<i>15·09</i>	<i>67</i>
VEGETABLES:						
Old potatoes						
January-August						
not prepacked	10·95	7·71	0·22	—	4·72	} n.a.
prepacked	2·70	1·65	0·03	—	1·10	
New potatoes						
January-August						
not prepacked	0·33	9·78	9·27	—	4·85	
prepacked	0·02	0·80	1·36	—	0·55	
Potatoes						
September-December						
not prepacked	—	—	4·24	13·04	4·32	
prepacked	—	—	0·85	2·74	0·90	
<i>Total fresh potatoes</i>	<i>13·99</i>	<i>19·93</i>	<i>15·98</i>	<i>15·78</i>	<i>16·42</i>	<i>65</i>
Cabbages, fresh	2·94	3·89	2·61	2·03	2·87	31
Brussels sprouts, fresh	2·50	0·41	0·36	2·63	1·48	16
Cauliflowers, fresh	0·44	1·95	2·56	2·36	1·83	16
Leafy salads, fresh	1·65	4·53	2·92	1·73	2·71	33
Peas, fresh	—	0·04	0·71	0·02	0·19	(b)
Beans, fresh	0·02	0·16	1·41	0·27	0·47	(b)
Other fresh green vegetables	0·01	0·24	0·06	0·02	0·08	1
<i>Total fresh green vegetables</i>	<i>7·56</i>	<i>11·22</i>	<i>10·63</i>	<i>9·07</i>	<i>9·62</i>	<i>65</i>
Carrots, fresh	2·64	2·31	1·89	1·98	2·21	37
Turnips and swedes, fresh	1·10	0·32	0·34	0·84	0·65	11
Other root vegetables, fresh	0·76	0·62	0·64	0·69	0·68	11
Onions, shallots, leeks, fresh	2·55	2·85	2·78	2·50	2·67	38
Cucumbers, fresh	0·96	2·56	1·85	1·06	1·61	22
Mushrooms, fresh	2·29	2·28	2·07	2·61	2·31	20
Tomatoes, fresh	4·93	10·80	7·94	4·54	7·05	51
Miscellaneous fresh vegetables	1·23	1·97	2·13	1·38	1·68	14
<i>Total other fresh vegetables</i>	<i>16·45</i>	<i>23·70</i>	<i>19·63</i>	<i>15·61</i>	<i>18·85</i>	<i>80</i>
Tomatoes, canned or bottled	1·71	1·44	1·22	1·32	1·42	18
Canned peas	2·90	2·77	3·01	2·68	2·84	32
Canned beans	4·20	3·95	4·26	4·19	4·15	43
Canned vegetables, other than pulses, potatoes or tomatoes	2·02	2·00	1·89	1·75	1·92	20
Dried pulses, other than air-dried	0·75	0·44	0·54	0·65	0·60	7
Air-dried vegetables	0·21	0·23	0·25	0·13	0·21	2
Vegetable juices	0·34	0·31	0·26	0·26	0·29	3
Chips, excluding frozen	2·41	3·36	3·73	3·12	3·16	20
Instant potato	0·28	0·35	0·44	0·40	0·37	3
Canned potato	0·20	0·17	0·19	0·16	0·18	2
Crisps and other potato products, not frozen	3·31	3·97	4·23	4·34	3·96	29
Other vegetable products	0·89	1·32	1·22	1·15	1·15	11
Frozen peas	3·52	3·92	2·89	2·88	3·30	19
Frozen beans	1·41	1·48	0·99	0·94	1·21	7
Frozen chips and other frozen convenience potato products	0·97	1·17	1·44	1·51	1·27	6
All frozen vegetables and frozen vegetable products, not specified elsewhere	2·55	2·92	2·03	2·08	2·40	11
<i>Total processed vegetables</i>	<i>27·66</i>	<i>29·80</i>	<i>28·59</i>	<i>27·55</i>	<i>28·40</i>	<i>82</i>
<i>Total vegetables</i>	<i>65·66</i>	<i>84·65</i>	<i>74·83</i>	<i>68·01</i>	<i>73·29</i>	<i>96</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	4.60	4.63	2.86	2.61	3.68	27
Other citrus fruit	2.97	2.27	1.11	3.49	2.46	20
Apples	7.24	8.54	7.68	7.87	7.83	54
Pears	0.99	1.00	1.15	1.30	1.11	10
Stone fruit	0.18	0.88	4.45	0.43	1.49	10
Grapes	0.54	0.59	1.34	1.37	0.96	6
Soft fruit, other than grapes	0.01	0.74	3.44	0.08	1.07	4
Bananas	3.13	4.45	4.31	4.39	4.07	34
Rhubarb	0.12	0.35	0.05	0.01	0.13	2
Other fresh fruit	0.10	0.44	1.27	0.77	0.65	4
<i>Total fresh fruit</i>	<i>19.86</i>	<i>23.88</i>	<i>27.64</i>	<i>22.33</i>	<i>23.43</i>	<i>74</i>
Canned peaches, pears and pine-apples	2.30	2.61	2.82	2.86	2.65	21
Other canned or bottled fruit	2.83	2.62	2.54	2.82	2.70	20
Dried fruit and dried fruit products	1.91	2.76	2.61	4.53	2.95	13
Frozen fruit and frozen fruit products	0.14	0.36	0.14	0.34	0.25	1
Nuts and nut products	1.45	1.49	1.28	3.45	1.92	10
Fruit juices	2.61	2.86	3.60	3.75	3.21	15
<i>Total other fruit and fruit products</i>	<i>11.24</i>	<i>12.70</i>	<i>12.98</i>	<i>17.75</i>	<i>13.67</i>	<i>53</i>
<i>Total fruit</i>	<i>31.10</i>	<i>36.58</i>	<i>40.62</i>	<i>40.08</i>	<i>37.10</i>	<i>83</i>
CEREALS:						
White bread, large loaves, unsliced	6.61	5.89	6.56	6.10	6.29	27
White bread, large loaves, sliced	14.43	14.75	16.58	15.04	15.20	48
White bread, small loaves, unsliced	2.75	2.44	2.64	2.89	2.68	19
White bread, small loaves, sliced	0.67	0.76	0.95	1.17	0.89	8
Brown bread	4.09	4.70	5.06	5.68	4.88	33
Wholewheat and wholemeal bread	1.15	1.72	1.58	1.63	1.52	9
Other bread	5.82	6.57	7.51	7.29	6.80	42
<i>Total bread</i>	<i>35.52</i>	<i>36.82</i>	<i>40.87</i>	<i>39.79</i>	<i>38.25</i>	<i>95</i>
Flour	3.72	4.27	3.39	3.34	3.68	24
Buns, scones and teacakes	3.40	3.10	2.49	3.20	3.05	25
Cakes and pastries	9.37	11.04	12.18	12.83	11.36	47
Crispbread	0.72	0.87	0.61	0.49	0.67	8
Biscuits, other than chocolate biscuits	9.64	10.82	11.55	11.81	10.96	64
Chocolate biscuits	6.45	6.22	5.57	6.52	6.19	33
Oatmeal and oat products	0.90	0.44	0.50	0.67	0.63	5
Breakfast cereals	7.67	8.38	7.89	8.81	8.19	40
Canned milk puddings	1.39	1.51	1.33	1.29	1.38	14
Other puddings	0.69	0.38	0.40	1.15	0.66	4
Rice	1.12	1.04	1.88	1.08	1.28	7
Cereal-based invalid foods (including "slimming" foods)	—	0.04	0.20	0.04	0.07	...
Infant cereal foods	0.68	0.73	0.71	0.89	0.75	2
Frozen convenience cereal foods	1.43	1.90	2.12	2.71	2.04	8
Cereal convenience foods, including canned, not specified elsewhere	5.09	5.12	5.91	5.96	5.52	38
Other cereal foods	0.89	0.53	0.73	0.76	0.73	6
<i>Total cereals</i>	<i>88.68</i>	<i>93.21</i>	<i>98.33</i>	<i>101.35</i>	<i>95.39</i>	<i>99</i>
BEVERAGES:						
Tea	12.31	12.20	12.93	12.33	12.44	58
Coffee, bean and ground	1.11	1.07	1.03	1.26	1.12	3
Coffee, instant	10.19	10.10	11.10	11.74	10.78	29
Coffee, essences	0.11	0.15	0.22	0.16	0.16	1
Cocoa and drinking chocolate	0.89	0.77	0.62	0.93	0.80	4
Branded food drinks	1.03	0.79	1.10	0.66	0.90	4
<i>Total beverages</i>	<i>25.64</i>	<i>25.08</i>	<i>27.01</i>	<i>27.07</i>	<i>26.20</i>	<i>70</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	
MISCELLANEOUS:						
Baby foods, canned or bottled	0.83	0.65	0.88	1.16	0.88	2
Soups, canned	4.55	3.26	3.21	4.29	3.83	27
Soups, dehydrated and powdered	1.40	0.82	0.85	1.12	1.05	9
Accelerated freeze-dried foods (excluding coffee)	—	—	—	—	—	—
Spreads and dressings	0.70	1.49	1.80	0.89	1.22	9
Pickles and sauces	3.64	4.15	3.96	4.68	4.11	27
Meat and yeast extracts	1.67	1.48	1.33	1.89	1.59	15
Table jelly, squares and crystals	0.59	0.88	0.95	0.64	0.77	12
Ice-cream (served as part of a meal), mousse	2.18	4.20	4.95	4.04	3.84	16
All frozen convenience foods, not specified elsewhere	0.03	0.03	0.03	0.01	0.03	...
Salt	0.60	0.33	0.40	0.45	0.45	8
Artificial sweeteners (expenditure only)	0.15	0.15	0.11	0.13	0.14	1
Miscellaneous (expenditure only)	2.80	2.65	3.14	3.69	3.07	27
Novel protein foods	0.11	0.11	0.12	0.04	0.10	1
<i>Total miscellaneous</i>	<i>19.25</i>	<i>20.21</i>	<i>21.72</i>	<i>23.03</i>	<i>21.06</i>	<i>67</i>
<i>Total expenditure</i>	<i>£5.99</i>	<i>£6.32</i>	<i>£6.67</i>	<i>£6.71</i>	<i>£6.42</i>	<i>100</i>

(a) See Appendix A, Table 7 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.

TABLE 9

*Household food prices (a): quarterly and annual national averages,
individual foods (b), 1979*

	Average prices paid in 1979				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
MILK AND CREAM:					
Liquid milk, full price	13-64	14-07	15-17	15-16	14-50
Condensed milk	13-28	13-06	13-59	14-17	13-51
Dried milk, branded	15-82	15-80	16-26	16-80	16-30
Instant milk	8-70	9-12	8-77	10-52	9-18
Yoghurt	39-24	39-15	41-00	43-60	40-59
Other milk	28-73	44-08	31-88	30-12	32-87
Cream	102-87	107-20	105-81	114-54	107-60
CHEESE:					
Natural	78-43	80-93	84-86	89-31	83-36
Processed	91-29	95-82	100-35	99-44	96-85
MEAT AND MEAT PRODUCTS:					
Carcase meat					
Beef and veal	102-82	105-85	109-53	115-39	108-32
Mutton and lamb	82-98	86-38	88-88	84-30	85-75
Pork	82-89	86-31	79-40	83-77	84-02
Other meat and meat products					
Liver	67-39	67-08	63-73	72-89	68-91
Offals, other than liver	48-00	55-06	49-69	60-09	52-45
Bacon and ham, uncooked	88-45	88-71	91-50	97-77	91-49
Bacon and ham, cooked, including canned	120-95	118-25	131-80	134-31	126-58
Cooked poultry, not purchased in cans	98-73	110-25	111-16	120-18	109-99
Corned meat	84-16	95-22	104-42	109-09	97-29
Other cooked meat, not purchased in cans	109-95	116-51	121-86	127-85	119-16
Other canned meat and canned meat products	50-36	51-18	53-23	55-40	52-45
Broiler chicken, uncooked, including frozen	53-40	56-72	57-67	58-11	56-50
Other poultry, uncooked, including frozen	50-58	51-87	54-97	56-01	53-80
Rabbit and other meat	64-95	60-63	66-29	64-00	63-65
Sausages, uncooked pork	53-48	55-63	56-93	59-12	56-25
Sausages, uncooked, beef	49-66	50-63	52-61	55-39	52-09
Meat pies and sausage rolls, ready-to-eat	62-95	64-36	66-20	66-45	65-08
Frozen convenience meats or frozen convenience meat products	73-41	73-88	76-43	79-46	75-85
Other meat products	75-05	79-03	82-26	82-58	79-88
FISH:					
White, filleted, fresh	95-93	94-17	96-99	102-46	97-26
White, unfileted, fresh	78-82	64-27	63-14	84-47	71-77
White, uncooked, frozen	98-99	101-44	106-56	104-60	103-00
Herrings, filleted, fresh	—	70-00	86-04	72-26	76-35
Herrings, unfileted, fresh	52-75	59-67	56-49	59-87	57-59
Fat, fresh, other than herrings	65-46	53-48	72-44	86-03	72-94
White, processed	95-55	109-82	103-77	105-75	104-29
Fat, processed, filleted	91-04	99-78	94-40	86-21	92-51
Fat, processed, unfileted	65-25	65-45	68-30	88-71	73-19
Shellfish	182-83	185-71	192-41	200-61	191-42
Cooked fish	107-82	106-01	114-56	116-76	111-61
Canned salmon	146-96	151-34	157-75	164-40	156-65
Other canned or bottled fish	81-57	87-89	80-25	87-06	83-97
Fish products, not frozen	102-75	93-72	112-36	107-11	104-67
Frozen convenience fish products	86-44	83-11	91-11	93-94	88-54
EGGS					
	4-72	4-56	4-52	5-00	4-69
FATS:					
Butter	66-89	67-93	64-97	65-95	66-42
Margarine	32-57	32-53	33-21	32-78	32-78
Lard and compound cooking fat	24-13	24-62	25-30	25-89	24-97
Vegetable and salad oils	43-40	41-30	41-07	42-54	42-12
All other fats	47-70	52-30	51-51	52-88	51-12
SUGAR AND PRESERVES:					
Sugar	13-97	14-23	14-85	15-59	14-67
Jams, jellies and fruit curds	31-93	32-07	33-04	34-70	32-90
Marmalade	29-12	28-61	29-88	30-96	29-65
Syrup, treacle	29-31	27-74	28-89	30-66	29-22
Honey	61-29	45-51	61-81	65-31	58-58

TABLE 9—continued

	Average prices paid in 1979				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
VEGETABLES:					
Old potatoes					
January-August					
not prepacked	4-65	5-65	7-41	—	5-03
prepacked	6-03	7-04	7-62	—	6-38
New potatoes					
January-August					
not prepacked	15-28	12-93	7-45	—	9-47
prepacked	15-09	12-34	8-23	—	9-33
Potatoes					
September-December					
not prepacked	—	—	6-28	5-62	5-78
prepacked	—	—	6-94	6-79	6-83
Fresh					
Cabbages	14-44	17-47	11-46	10-39	13-46
Brussels sprouts	18-13	24-69	19-43	13-39	16-02
Cauliflowers	26-49	22-50	16-25	14-57	17-27
Leafy salads	60-45	43-88	28-73	38-62	38-83
Peas	—	31-14	15-74	15-60	16-15
Beans	85-00	58-79	17-13	24-25	19-12
Other green vegetables	75-00	26-99	31-64	26-00	28-48
Carrots	10-96	13-06	11-30	8-25	10-71
Turnips and swedes	9-58	11-85	10-43	8-82	9-65
Other root vegetables	15-50	18-80	22-47	14-87	17-33
Onions, shallots, leeks	12-78	14-38	17-29	12-43	14-11
Cucumbers	39-52	31-54	25-25	33-81	30-46
Mushrooms	73-99	69-26	72-96	80-99	74-28
Tomatoes	43-82	45-69	25-56	29-99	34-51
Miscellaneous	34-27	43-34	24-44	24-99	29-82
Processed					
Tomatoes, canned or bottled	17-57	18-13	18-59	17-80	17-98
Canned peas	16-46	16-45	17-49	17-69	17-01
Canned beans	15-56	15-61	16-62	17-17	16-22
Canned vegetables, other than pulses, potatoes or					
or tomatoes	24-00	23-53	25-20	25-63	24-52
Dried pulses, other than air-dried	28-98	27-24	37-42	31-34	30-91
Air-dried vegetables	190-07	200-98	171-82	188-86	186-09
Vegetable juices	51-42	48-97	55-97	51-19	51-70
Chips, excluding frozen	48-95	46-24	51-47	53-08	49-89
Instant potato	73-56	61-65	70-14	69-78	68-46
Canned potato	20-39	20-07	19-91	23-12	20-71
Crisps and other potato products, not frozen	97-62	94-58	106-07	110-49	102-28
Other vegetable products	52-98	51-48	54-04	57-21	53-80
Frozen peas	28-77	31-00	31-62	29-55	30-19
Frozen beans	32-70	35-63	36-68	34-76	34-76
Frozen chips and other frozen convenience					
potato products	24-78	25-05	26-87	24-81	25-44
All frozen vegetables and frozen vegetable					
products, not specified elsewhere	35-69	36-74	43-41	38-77	38-18
FRUIT:					
Fresh					
Oranges	17-37	18-25	21-44	20-77	18-92
Other citrus fruit	20-41	17-32	23-70	24-62	21-17
Apples	16-67	18-63	18-75	15-67	17-39
Pears	21-53	23-06	21-75	15-78	19-83
Stone fruit	56-90	53-84	27-22	27-74	29-74
Grapes	55-45	64-00	36-46	35-31	40-52
Soft fruit, other than grapes	26-48	75-29	39-34	66-40	42-91
Bananas	21-51	22-34	23-25	23-07	22-61
Rhubarb	26-21	13-27	14-48	19-00	15-23
Other fresh fruit	33-47	32-91	24-43	29-84	27-25
Canned peaches, pears and pineapples	29-14	28-93	28-64	29-00	28-91
Other canned or bottled fruit	32-16	31-44	31-51	33-62	32-17
Dried fruit and dried fruit products	47-12	59-67	56-00	49-72	52-64
Frozen fruit and frozen fruit products	36-35	48-03	57-38	68-94	52-23
Nuts and nut products	78-84	80-03	78-61	81-14	80-02
Fruit juices	27-97	28-40	28-52	31-68	29-20

TABLE 9—continued

	Average prices paid in 1979				
	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
CEREALS:					
White bread, large loaves, unsliced	17-06	17-66	18-32	18-61	17-88
White bread, large loaves, sliced	15-52	15-79	16-63	16-91	16-21
White bread, small loaves, unsliced	22-35	22-84	23-71	24-67	23-38
White bread, small loaves, sliced	22-10	22-71	23-69	24-08	23-28
Brown bread	20-29	20-30	20-99	21-76	20-88
Wholewheat and wholemeal bread	20-79	21-22	21-93	22-82	21-73
Other bread	30-13	30-83	32-50	33-24	31-74
Flour	10-29	10-12	10-22	10-37	10-24
Buns, scones and teacakes	39-87	44-14	44-92	41-54	42-35
Cakes and pastries	61-45	62-86	63-43	66-65	63-71
Crispbread	47-53	50-41	52-13	47-30	49-42
Biscuits, other than chocolate biscuits	39-47	40-62	42-63	45-45	42-07
Chocolate biscuits	80-29	80-86	90-49	94-08	85-96
Oatmeal and oat products	21-44	22-97	24-00	22-85	22-56
Breakfast cereals	36-91	38-36	38-15	41-50	38-71
Canned milk puddings	17-34	17-97	18-50	19-28	18-22
Other puddings	49-29	55-38	55-46	59-66	55-27
Rice	27-46	26-65	28-77	29-13	28-11
Cereal-based invalid foods (including "slimming" foods)	—	90-97	136-44	64-36	113-32
Infant cereal foods	103-26	114-97	117-24	128-09	115-94
Frozen convenience cereal foods	63-98	78-27	78-10	77-81	75-12
Cereal convenience foods, including canned, not specified elsewhere	36-24	38-69	41-17	41-72	39-49
Other cereal foods	29-90	28-63	29-97	31-61	30-09
BEVERAGES:					
Tea	94-15	93-97	94-58	94-66	94-34
Coffee, bean and ground	210-42	196-64	211-29	200-05	204-41
Coffee, instant	344-53	341-06	325-69	343-87	338-24
Coffee, essences	148-16	141-54	143-71	164-06	148-34
Cocoa and drinking chocolate	95-80	105-10	103-55	101-76	101-12
Branded food drinks	71-27	71-67	70-22	71-69	71-08
MISCELLANEOUS:					
Baby foods, canned or bottled	43-50	48-07	47-63	49-67	47-26
Soups, canned	19-33	20-44	21-82	21-18	20-57
Soups, dehydrated and powdered	114-37	114-50	113-65	134-98	118-94
Accelerated freeze-dried foods (excluding coffee)	n.a.	n.a.	n.a.	n.a.	n.a.
Spreads and dressings	59-10	53-37	55-00	63-35	56-35
Pickles and sauces	36-20	34-58	36-79	37-06	36-16
Meat and yeast extracts	139-97	143-22	148-42	144-95	143-95
Table jelly, squares and crystals	38-64	39-07	39-68	40-39	39-45
Ice-cream (served as part of a meal), mousse	27-21	26-89	29-88	30-39	28-76
All frozen convenience foods, not specified elsewhere	53-07	55-79	82-40	75-20	63-13
Salt	7-90	8-73	8-00	8-72	8-25
Novel protein foods	53-37	92-87	47-13	66-67	59-14

(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, Table 7 for further details of the classification of foods.

TABLE 10

Percentages of all households purchasing seasonal types of food during Survey week, 1979

	Jan/ March	April/ June	July/ Sept	Oct/ Dec
FISH:				
White, fresh, filleted	16	18	16	16
White, fresh, unfileted	3	3	3	3
Herrings, fresh, filleted . . . . .	—	...	...	...
Herrings, fresh, unfileted . . . . .	...	...	...	1
Fat, fresh, other than herrings	2	1	2	2
White, processed	3	5	4	5
Fat, processed, filleted	2	3	3	3
Fat, processed, unfileted	1	1	1	1
Shell	2	2	2	3
EGGS	75	76	75	76
VEGETABLES:				
Potatoes, raw	58	72	70	61
Cabbages, fresh	29	35	31	27
Brussels sprouts, fresh	26	4	4	33
Cauliflower, fresh	3	14	24	23
Leafy salads, fresh	19	48	39	24
Peas, fresh	—	...	7	...
Beans, fresh . . . . .	...	1	11	2
Other fresh green vegetables . . . . .	...	1	1	...
Carrots, fresh	45	35	31	38
Turnips and swedes, fresh	19	6	6	15
Other root vegetables, fresh	13	10	9	12
Onions, shallots, leeks, fresh	39	39	40	36
Cucumbers, fresh	12	33	28	14
Mushrooms, fresh	21	21	19	20
Tomatoes, fresh	36	63	65	39
Miscellaneous fresh vegetables	10	13	17	15
FRUIT:				
Oranges, fresh	34	33	21	20
Other citrus fruit, fresh	25	20	11	26
Apples, fresh	53	55	53	53
Pears, fresh	9	8	11	13
Stone fruit, fresh	1	5	28	4
Grapes, fresh	3	3	10	10
Soft fruit, fresh, other than grapes . . . . .	...	4	12	...
Bananas, fresh	29	37	35	35
Rhubarb, fresh	1	4	1	...
Other fresh fruit	1	2	7	4

**Regional and type of area averages of consumption,
expenditure and relative food 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, 1979

	Region											Type of area				All household												
	Yorkshire and Humber-side		North West		East Midlands		West Midlands		South West		South East (a)/ East Anglia		England		Wales		Scotland		Greater London		Metropolitan counties and Clydeside conurbation		Non-metropolitan counties					
	Wards with electorate per acre of—				7 or more		3 but less than 7		0.5 but less than 3		Less than 0.5																	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£		£	£	£	£	£	£	£	£	£	£	£	£
(i) Expenditure and value of garden and allotment produce, etc.																												
Expenditure on:																												
Seasonal foods	0.99	0.92	0.94	0.87	0.91	0.87	1.06	0.97	0.92	1.01	1.29	0.99	0.92	0.92	0.94	0.97	0.92	1.01	1.29	0.99	0.92	0.92	0.94	0.97	0.92	0.92	0.94	0.97
Convenience foods																												
Canned	0.48	0.37	0.39	0.37	0.37	0.32	0.35	0.37	0.43	0.44	0.36	0.40	0.40	0.38	0.37	0.37	0.43	0.44	0.36	0.40	0.40	0.38	0.37	0.37	0.38	0.37	0.33	0.38
Frozen	0.18	0.16	0.19	0.21	0.20	0.23	0.25	0.21	0.24	0.16	0.27	0.19	0.22	0.22	0.22	0.21	0.24	0.16	0.27	0.19	0.22	0.22	0.22	0.21	0.22	0.22	0.17	0.21
Other convenience foods	1.26	1.08	1.02	1.05	0.98	1.02	1.05	1.05	1.01	1.06	1.05	1.04	1.12	1.07	1.04	1.05	1.01	1.06	1.05	1.04	1.12	1.07	1.04	1.04	1.05	0.92	0.92	1.05
Total convenience foods																												
All other foods	1.92	1.62	1.60	1.63	1.54	1.57	1.64	1.64	1.68	1.65	1.68	1.63	1.74	1.67	1.63	1.64	1.68	1.65	1.68	1.63	1.74	1.67	1.63	1.64	1.64	1.42	1.64	3.82
All other foods	3.61	3.68	3.67	3.71	3.84	3.72	4.02	3.82	3.71	3.90	4.16	3.85	3.80	3.73	3.77	3.82	3.71	3.90	4.16	3.85	3.80	3.73	3.77	3.77	3.82	3.73	3.82	6.42
Total expenditure																												
Value of garden and allotment produce, etc.	0.08	0.12	0.07	0.13	0.12	0.23	0.16	0.14	0.15	0.08	0.09	0.06	0.09	0.12	0.15	0.14	0.15	0.08	0.09	0.06	0.09	0.12	0.15	0.14	0.15	0.33	0.13	0.13
Value of consumption	6.61	6.34	6.29	6.34	6.41	6.39	6.88	6.56	6.46	6.63	7.21	6.53	6.55	6.45	6.49	6.56	6.46	6.63	7.21	6.53	6.55	6.45	6.49	6.56	6.49	6.33	6.55	6.55
(ii) Comparative indices																												
(b) of expenditure, prices and purchases (all foods)																												
Expenditure	101.7	96.9	96.8	96.7	97.9	95.9	104.7	99.9	98.3	102.1	110.9	100.7	100.5	98.6	98.7	99.9	98.3	102.1	110.9	100.7	100.5	98.6	98.7	99.9	93.4	100	100	100
Value of consumption	100.9	96.7	95.8	96.7	97.8	97.4	105.0	100.0	98.6	101.2	110.1	99.6	98.9	98.4	99.0	99.9	98.4	101.2	110.1	99.6	98.9	98.4	99.0	99.9	96.5	100	100	100
Prices	98.3	99.4	100.9	99.3	98.4	99.3	100.7	99.7	99.7	104.5	103.6	98.9	98.9	100.0	99.9	99.9	100.0	104.5	103.6	98.9	98.9	100.0	99.9	99.9	101.1	100	100	100
Index of value of consumption deflated by index of food prices																												
Food purchases	102.7	97.3	95.0	97.4	99.4	98.2	104.2	100.3	98.8	96.8	106.2	100.7	101.0	98.3	99.1	99.9	98.3	96.8	106.2	100.7	101.0	98.3	99.1	99.9	95.5	100	100	100
"Price of energy"	94.7	97.2	96.2	96.6	96.7	96.3	103.9	100.3	98.9	97.6	106.9	102.1	98.0	98.2	98.6	99.2	98.2	97.6	106.9	102.1	101.4	98.2	98.6	99.2	92.2	100	100	100
Food purchases	94.7	97.2	96.2	96.6	96.7	96.3	103.9	100.3	98.9	97.6	106.9	102.1	98.0	98.2	98.6	99.2	98.2	97.6	106.9	102.1	101.4	98.2	98.6	99.2	92.2	100	100	100
"Price of energy"	94.7	97.2	96.2	96.6	96.7	96.3	103.9	100.3	98.9	97.6	106.9	102.1	98.0	98.2	98.6	99.2	98.2	97.6	106.9	102.1	101.4	98.2	98.6	99.2	92.2	100	100	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), 1979
(oz per person per week, except where otherwise stated)

	Region										Type of area					
	All household	Yorkshire and Humber-side	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties and Clydeside conurbation	Non-metropolitan counties			
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5
MILK AND CREAM:																
Liquid milk	4.23	4.11	4.21	4.73	4.31	4.54	4.24	4.24	4.28	4.15	3.93	4.13	4.35	4.09	4.39	4.43
Full price	0.02	0.04	0.03	0.02	0.01	0.03	0.01	0.02	0.02	0.01	0.01	0.03	0.03	0.02	0.02	0.02
Welfare	0.05	0.04	0.05	0.04	0.07	0.03	0.05	0.05	0.08	0.09	0.05	0.06	0.04	0.06	0.06	0.06
School																
Total liquid milk	4.31	4.19	4.29	4.79	4.40	4.59	4.30	4.31	4.38	4.24	3.98	4.22	4.42	4.17	4.47	4.50
Condensed milk (eq pt)	0.13	0.14	0.11	0.07	0.12	0.15	0.14	0.13	0.16	0.09	0.09	0.11	0.16	0.13	0.13	0.12
Dried milk, branded, (eq pt)	0.07	0.08	0.07	0.03	0.05	0.08	0.05	0.07	0.06	0.06	0.04	0.10	0.08	0.06	0.05	0.02
Instant milk (eq pt)	0.11	0.13	0.12	0.10	0.09	0.09	0.11	0.11	0.13	0.09	0.07	0.12	0.11	0.13	0.11	0.10
Yoghurt	0.07	0.07	0.06	0.06	0.05	0.08	0.09	0.07	0.06	0.06	0.08	0.06	0.07	0.08	0.07	0.05
Other milk	0.03	0.01	0.02	0.03	0.02	0.03	0.04	0.02	0.03	0.02	0.04	0.02	0.02	0.03	0.02	0.03
Cream	0.03	0.03	0.03	0.03	0.02	0.04	0.03	0.03	0.03	0.02	0.04	0.02	0.03	0.03	0.03	0.04
Total milk and cream (pt or eq pt)	4.74	4.67	4.71	5.09	4.75	5.05	4.76	4.74	4.85	4.56	4.35	4.64	4.89	4.63	4.88	4.86
CHEESE:																
Natural	3.61	2.94	3.06	4.08	3.52	4.05	4.26	3.66	3.15	3.48	3.95	3.23	3.49	3.67	3.67	4.03
Processed	0.23	0.24	0.21	0.23	0.16	0.20	0.22	0.22	0.27	0.33	0.20	0.21	0.25	0.24	0.23	0.23
Total cheese	3.84	2.82	3.16	4.31	3.68	4.25	4.48	3.88	3.42	3.82	4.16	3.44	3.74	3.91	3.90	4.26
MEAT AND MEAT PRODUCTS:																
Carcass meat	8.27	8.29	8.02	7.72	8.06	7.87	8.40	8.16	5.65	11.57	8.60	8.49	8.66	8.14	8.08	7.87
Beef and veal	4.28	3.19	4.21	3.02	5.66	3.27	5.47	4.44	5.21	1.86	6.82	5.08	3.60	3.60	4.10	3.22
Mutton and lamb	3.63	3.37	2.47	3.81	4.02	3.46	4.80	3.84	3.14	1.79	4.59	3.53	3.23	3.66	3.69	3.39
Pork																
Total carcass meat	16.18	15.12	14.68	14.55	17.74	14.60	18.67	16.44	14.01	15.22	20.01	17.10	15.48	15.40	15.87	14.48

	Region										Type of area						
	All household-holds	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (b) East Anglia	England	Wales	Scotland	Greater London	Metropolitan counties and Clyde conurbation	Non-metropolitan counties			
														Wards with electorate per acre of—			
													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	0.70	0.88	0.77	0.65	0.61	0.86	0.78	0.76	0.54	0.61	0.66	0.73	0.78	0.71	0.74	0.69
Liver	0.31	0.14	0.23	0.29	0.24	0.49	0.31	0.34	0.31	0.31	0.35	0.43	0.39	0.31	0.22	0.30	0.22
Offals, other than liver	4.35	5.07	4.61	4.85	4.32	4.55	4.11	3.93	4.35	5.05	3.77	4.00	4.81	4.26	4.32	4.24	4.35
Bacon and ham, uncooked	1.11	1.30	1.10	1.17	1.18	1.20	0.87	1.06	1.11	1.14	1.01	1.15	1.25	1.10	0.99	1.12	0.97
Bacon and ham, cooked, including canned	0.27	0.47	0.19	0.39	0.14	0.21	0.21	0.23	0.26	0.49	0.26	0.27	0.28	0.23	0.23	0.30	0.34
Cooked poultry, not purchased in cans	0.66	1.00	0.68	0.61	0.54	0.80	0.51	0.54	0.64	0.78	0.86	0.61	0.75	0.70	0.64	0.67	0.50
Corned meat	0.49	0.73	0.44	0.71	0.40	0.45	0.29	0.35	0.46	0.53	0.87	0.43	0.66	0.52	0.44	0.42	0.43
Other cooked meat, not purchased in cans	1.49	3.10	1.60	1.69	1.21	1.27	1.22	0.92	1.39	2.66	1.54	0.78	1.62	1.64	1.54	1.53	1.39
Other canned meat and canned meat products	4.31	4.41	3.58	3.20	4.33	5.33	4.73	4.99	4.49	3.53	2.96	5.67	4.26	4.41	4.46	3.90	3.27
Broiler chicken, uncooked, including frozen	2.24	2.11	2.37	1.78	1.32	2.26	2.41	2.81	2.32	2.39	1.27	2.92	2.17	2.12	2.10	2.04	2.52
Other poultry, uncooked, including frozen	0.08	0.25	0.10	0.04	0.07	0.03	0.09	0.10	0.09	0.02	0.02	0.07	0.08	0.13	0.10	0.06	0.03
Rabbit and other meat	1.85	1.68	2.13	1.13	2.08	2.51	1.56	2.21	1.96	1.52	0.91	2.09	2.05	1.70	1.78	1.85	1.71
Sausages, uncooked, pork	1.64	1.86	1.94	1.75	1.14	0.62	1.98	1.36	1.46	1.39	3.67	1.25	1.25	2.05	1.92	1.48	1.68
Sausages, uncooked, beef	0.73	0.63	1.10	0.35	1.27	1.04	0.54	0.68	0.75	0.83	0.43	0.59	0.82	0.73	0.87	0.69	0.64
Meat pies and sausage rolls, ready-to-eat	1.31	1.30	1.10	1.39	1.23	1.11	1.53	1.34	1.30	1.69	1.07	1.41	1.18	1.37	1.42	1.43	0.88
Frozen convenience meats or frozen convenience meat products	2.53	4.25	2.02	2.94	1.84	1.90	2.31	2.29	2.42	2.27	3.85	2.58	2.91	2.70	2.48	2.40	1.78
Other meat products	24.09	28.99	24.08	23.06	21.95	24.37	23.52	23.94	24.05	25.17	23.45	24.90	25.20	24.76	24.22	23.17	21.40
Total other meat and meat products	40.27	44.11	38.76	37.75	36.50	42.11	38.12	42.61	40.49	39.18	38.67	44.91	42.30	39.62	39.04	35.68	

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

	Region											Type of area				
	All household	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties and Clyde-side conurbation	Non-metropolitan counties			
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5
FISH:																
White, filleted, fresh	0.92	1.19	0.87	0.84	0.85	0.59	0.75	0.83	0.90	1.80	1.02	1.15	0.94	0.84	0.75	0.84
White, unfileted, fresh	0.23	0.07	0.20	0.15	0.16	0.19	0.40	0.24	0.12	0.08	0.30	0.23	0.33	0.22	0.12	0.14
White, uncooked, frozen	0.45	0.41	0.36	0.48	0.52	0.53	0.56	0.48	0.40	0.11	0.64	0.39	0.45	0.44	0.44	0.38
Herrings, unfileted, fresh	0.01	...	...	...	...	0.02	...	0.01	0.01	0.01	0.01	...	...	...	0.02	0.02
Fat, fresh, other than herrings	0.02	...	0.03	0.03	0.01	0.05	0.03	0.02	0.01	—	0.05	0.01	0.01	0.02	0.02	0.04
White, processed	0.18	0.12	0.14	0.10	0.13	0.34	0.28	0.19	0.09	0.15	0.34	0.16	0.22	0.13	0.12	0.15
Fat, processed, filleted	0.21	0.14	0.18	0.19	0.13	0.20	0.24	0.19	0.21	0.39	0.30	0.18	0.22	0.21	0.17	0.23
Fat, unfileted	0.12	0.08	0.08	0.11	0.09	0.11	0.18	0.12	0.09	0.08	0.23	0.09	0.10	0.09	0.11	0.17
Shellfish	0.06	0.03	0.05	0.02	0.03	0.04	0.08	0.06	0.05	0.03	0.11	0.06	0.02	0.05	0.06	0.06
Cooked fish	0.09	0.08	0.08	0.10	0.09	0.05	0.13	0.09	0.02	0.03	0.19	0.08	0.08	0.07	0.05	0.06
Canned salmon	0.75	1.46	0.53	0.81	0.81	0.56	0.73	0.80	0.73	0.24	0.75	0.92	0.83	0.75	0.60	0.55
Other canned or bottled fish	0.16	0.21	0.18	0.18	0.19	0.08	0.13	0.16	0.25	0.12	0.17	0.16	0.17	0.20	0.14	0.08
Fish products, not frozen	0.38	0.45	0.37	0.46	0.43	0.30	0.39	0.39	0.39	0.23	0.35	0.43	0.34	0.46	0.34	0.37
Frozen convenience fish products	0.15	0.21	0.13	0.16	0.16	0.12	0.09	0.14	0.17	0.12	0.10	0.19	0.17	0.13	0.13	0.08
Total fish	0.81	0.74	0.67	0.79	0.77	0.92	0.83	0.83	1.04	0.46	0.63	0.69	0.83	0.90	0.94	0.75
	4.51	5.19	3.88	4.14	4.37	4.08	4.84	4.57	4.49	3.86	5.18	4.74	4.71	4.51	4.02	3.93
EGGS:																
(Eggs purchased) (no)	3.88	4.15	3.52	3.59	3.60	3.61	3.90	3.84	3.73	4.44	4.09	3.86	3.82	3.71	3.77	4.21
	3.78	4.00	3.43	3.50	3.52	3.46	3.80	3.74	3.66	4.36	4.07	3.83	3.79	3.65	3.67	3.75
FATS:																
Butter	4.45	3.55	3.71	4.61	4.80	4.39	4.54	4.36	5.19	4.73	4.79	4.44	4.33	4.26	4.40	4.81
Margarine	3.63	4.38	4.38	3.94	3.49	3.60	3.08	3.65	3.89	3.30	2.58	3.84	3.85	3.51	3.91	3.56
Lard and compound cooking fat	1.86	2.20	1.79	2.30	1.97	1.92	1.38	1.85	2.58	1.44	1.25	2.00	1.92	1.94	1.89	1.87
Vegetable and salad oils (fl oz)	0.72	0.45	0.51	0.65	0.85	0.80	0.97	0.74	0.61	0.53	1.42	0.72	0.66	0.59	0.66	0.47
All other fats	0.39	0.41	0.34	0.39	0.34	0.41	0.42	0.39	0.35	0.44	0.28	0.29	0.48	0.50	0.35	0.37
Total fats	11.04	10.99	10.73	11.88	11.45	11.11	10.37	10.99	12.61	10.44	10.32	11.29	11.23	10.80	11.21	11.08

CO₂ per person per week, except where otherwise stated

	Region										Type of area							
	All householders	North	Yorkshire and Humber-side	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties (not Clydeside conurbation)	Non-metropolitan counties				
		Wards with electorate per acre of—	7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5												
SUGAR AND PRESERVES:																		
Sugar, jellies and fruit curds	11.55	11.66	12.08	12.54	11.09	12.55	11.02	10.50	11.45	13.02	11.47	9.77	12.39	11.77	10.90	11.61	12.27	
Marmalade	0.71	0.77	0.82	0.62	0.63	0.49	0.58	0.88	0.72	1.01	1.21	0.79	0.98	1.08	1.11	1.11	0.92	
Syrup, treacle	0.23	0.28	0.34	0.30	0.23	0.13	0.27	0.20	0.24	0.57	0.66	0.78	0.67	0.83	0.70	0.62	0.67	
Honey	0.21	0.09	0.41	0.21	0.17	0.14	0.29	0.19	0.21	0.19	0.22	0.27	0.21	0.27	0.15	0.21	0.20	
Total sugar and preserves	13.71	13.97	14.89	15.02	13.03	13.96	13.12	12.68	13.63	14.89	13.74	11.75	14.41	14.16	13.14	13.76	14.38	
VEGETABLES:																		
Old potatoes:																		
January-August not prepacked	15.67	20.48	15.26	19.56	11.73	17.57	12.31	14.75	15.79	18.69	11.87	14.44	15.93	16.12	14.68	15.46	16.80	
New potatoes	2.74	1.53	1.13	2.46	2.71	1.14	2.16	2.41	2.00	7.76	6.72	2.71	2.42	2.21	2.47	4.45	1.58	
January-August not prepacked	9.01	14.92	9.79	9.72	7.26	8.76	6.06	8.18	8.89	10.85	9.20	10.08	10.47	8.15	8.20	8.23	9.35	
September-December not prepacked	0.93	0.78	0.04	0.85	0.89	0.24	0.63	0.72	0.61	0.45	4.71	0.72	0.51	1.09	1.16	0.83	1.35	
Potatoes	13.14	17.45	14.72	14.46	14.18	12.52	11.41	12.62	13.48	14.05	8.99	11.41	13.43	13.44	14.02	12.68	12.83	
not prepacked	2.11	2.43	0.18	1.66	2.49	1.12	1.09	1.51	1.46	5.31	6.32	1.36	1.87	1.61	2.80	2.70	1.90	
prepacked	43.59	57.59	41.12	48.70	39.26	41.35	33.65	40.19	42.24	57.12	47.81	40.72	44.62	42.62	43.34	44.35	43.82	
Total fresh potatoes	4.09	3.90	4.16	2.95	3.41	4.25	4.28	5.22	4.28	3.62	2.39	5.73	4.51	3.59	3.66	3.93	3.75	
Cabbages, fresh	1.75	1.08	2.08	1.24	2.37	2.40	1.76	2.04	1.87	1.40	0.74	1.72	1.79	1.87	1.46	1.82	1.80	
Brussels sprouts, fresh	1.87	1.21	1.93	1.92	1.77	1.94	2.16	2.05	1.92	2.10	1.10	1.98	1.93	1.71	1.89	2.12	1.60	
Cauliflower, fresh	1.34	0.73	1.34	1.21	1.22	1.65	1.44	1.61	1.41	1.16	0.80	1.67	1.34	1.20	1.40	1.36	1.24	
Leafy salads, fresh	0.40	0.21	0.67	0.18	0.41	0.50	0.48	0.45	0.42	0.51	0.11	0.35	0.30	0.30	0.24	0.49	0.86	
Peas, fresh	1.32	0.22	0.79	0.20	1.46	1.91	3.06	1.80	1.43	1.45	0.05	0.88	0.64	1.13	1.50	1.68	2.41	
Beans, fresh	0.13	—	0.06	0.01	0.14	0.21	0.24	0.20	0.14	0.04	—	0.18	0.13	0.09	0.06	0.16	0.18	
Other fresh green vegetables	10.88	7.35	11.03	7.72	10.77	12.88	13.42	13.37	11.47	10.30	5.18	12.52	10.65	9.89	10.21	11.57	11.84	
Total fresh green vegetables	3.64	3.46	4.19	4.75	3.62	2.54	4.01	3.36	3.63	4.31	3.32	2.84	3.53	3.72	4.13	3.75	3.52	
Carrots, fresh	1.27	3.36	1.55	0.96	0.62	0.64	1.58	0.76	1.15	1.46	2.33	0.66	1.41	1.22	1.55	1.22	1.22	
Turnips and swedes, fresh	0.84	0.45	0.65	0.37	0.95	1.09	1.07	1.24	0.92	0.67	0.18	1.24	0.71	0.86	0.68	0.84	0.92	
Other root vegetables, fresh																		

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

	Region										Type of area						
	All households	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (b) East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties and Clydeside conurbation	Non-metropolitan counties			
														Wards with electorate per acre of—			
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5	
VEGETABLES—continued																	
Onions, shallots, leeks, fresh	3.34	3.69	3.26	3.49	2.35	3.80	2.86	3.35	3.33	3.23	3.50	3.55	4.07	3.09	3.17	3.17	3.02
Cucumbers, fresh	0.92	0.59	0.74	0.47	0.93	0.94	0.98	1.40	0.98	0.64	0.39	1.59	0.74	0.83	0.93	0.85	0.84
Mushrooms, fresh	0.51	0.45	0.46	0.46	0.65	0.49	0.54	0.60	0.54	0.39	0.26	0.62	0.49	0.54	0.46	0.46	0.48
Tomatoes, fresh	3.85	3.47	3.76	3.32	3.66	3.90	4.18	4.50	3.97	3.22	3.07	5.04	3.74	3.59	3.79	3.84	3.65
Miscellaneous fresh vegetables	1.12	0.59	0.94	0.75	0.97	1.38	1.23	1.65	1.23	0.65	0.33	1.76	0.94	0.92	0.86	1.27	1.41
Total other fresh vegetables	15.48	16.06	15.56	14.57	13.75	14.79	16.45	16.87	15.75	14.56	13.39	17.29	15.63	14.72	15.64	15.39	15.07
Tomatoes, canned or bottled	1.27	1.19	1.19	1.02	1.98	1.72	1.14	1.27	1.33	1.36	0.61	1.52	1.48	1.24	1.24	1.16	0.99
Canned peas	2.67	4.09	2.91	3.56	2.48	2.34	2.28	1.81	2.61	3.10	2.95	1.73	3.33	2.94	2.81	2.59	1.89
Canned beans	4.09	5.44	3.94	4.06	4.22	3.81	4.02	3.75	4.02	4.04	4.84	3.43	4.03	4.69	4.07	3.95	3.88
Canned vegetables, other than pulses, potatoes or tomatoes	1.25	1.68	1.30	1.48	1.26	1.06	0.93	1.10	1.22	1.37	1.51	1.10	1.37	1.42	1.22	1.24	0.95
Dried pulses, other than air-dried	0.31	0.50	0.36	0.47	0.27	0.27	0.15	0.19	0.29	0.28	0.49	0.39	0.41	0.23	0.36	0.26	0.23
Air-dried vegetables	0.02	0.02	0.01	0.03	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.02	0.01	0.02	0.03
Vegetable juices (R oz)	0.11	0.05	0.06	0.10	0.12	0.14	0.08	0.16	0.12	0.02	0.16	0.24	0.15	0.08	0.12	0.08	0.05
Chips, excluding frozen	1.01	1.63	1.67	1.17	0.79	1.38	0.65	0.73	1.06	1.24	0.41	0.63	1.49	1.05	0.94	1.00	0.67
Instant potato	0.09	0.13	0.06	0.08	0.09	0.11	0.08	0.08	0.09	0.13	0.03	0.07	0.10	0.09	0.09	0.09	0.05
Canned potato	0.14	0.12	0.21	0.12	0.19	0.08	0.17	0.15	0.15	0.13	0.03	0.17	0.07	0.22	0.14	0.11	0.08
Crisps and other potato products, not frozen	0.62	0.73	0.44	0.56	0.70	0.69	0.76	0.54	0.60	0.68	0.74	0.45	0.58	0.68	0.71	0.64	0.54
Other vegetable products	0.34	0.69	0.24	0.32	0.38	0.21	0.32	0.39	0.36	0.23	0.28	0.47	0.34	0.33	0.41	0.33	0.20
Frozen peas	1.75	0.55	1.22	1.03	2.25	2.04	2.09	2.53	1.87	1.85	0.34	2.52	1.43	1.78	1.81	1.81	1.67
Frozen beans	0.56	0.17	0.30	0.27	0.47	0.53	0.60	0.90	0.57	0.82	0.17	0.94	0.50	0.52	0.46	0.63	0.39
Frozen chips and other frozen convenience potato products	0.80	0.59	0.60	0.67	0.94	1.01	0.87	0.89	0.82	0.58	0.81	0.76	0.82	1.01	0.99	0.63	0.47
All frozen vegetables and frozen vegetable products, not specified elsewhere	1.01	0.97	0.92	0.87	0.94	0.78	1.18	1.20	1.03	0.99	0.78	1.51	0.84	1.16	1.03	0.93	0.59

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

	Region										Type of area							
	All households	North	Yorkshire and Humber-side	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties and Clydeside conurbation			Non-metropolitan counties		
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5		
FRUIT:																		
Fresh	3.14	3.18	3.44	2.93	2.99	2.63	2.75	3.71	3.22	2.83	2.42	4.84	2.90	2.75	2.89	3.17	3.12	
Oranges	1.87	1.40	1.90	1.65	1.52	1.71	1.91	2.37	1.93	1.59	1.41	2.86	1.63	1.60	1.83	1.78	2.25	
Other citrus fruit	7.88	6.18	7.57	6.64	8.08	8.10	9.52	8.99	8.14	7.33	5.55	9.65	7.64	7.38	7.56	7.80	8.31	
Apples	0.96	0.80	1.02	0.68	0.76	0.86	0.86	1.28	0.98	0.88	0.66	1.51	0.80	0.90	0.79	1.17	0.71	
Pears	0.94	0.50	0.61	0.57	1.02	1.22	0.92	1.36	1.01	0.56	0.45	1.74	0.72	0.72	1.01	0.90	0.88	
Stone fruit	0.38	0.35	0.44	0.32	0.30	0.26	0.40	0.55	0.41	0.20	0.22	0.87	0.35	0.34	0.31	0.31	0.33	
Grapes																		
Soft fruit, other than grapes	0.71	0.44	0.63	0.42	0.43	0.80	1.10	0.84	0.71	0.83	0.55	0.59	0.52	0.44	0.54	1.11	1.16	
Bananas	2.88	2.62	2.57	2.42	3.25	2.42	2.75	3.53	2.94	2.53	2.48	4.14	2.50	2.75	2.94	2.85	2.61	
Rhubarb	0.50	0.22	0.55	0.40	0.55	0.31	0.99	0.54	0.50	0.46	0.52	0.33	0.23	0.49	0.81	0.47	0.76	
Other fresh fruit	0.38	0.20	0.28	0.39	0.24	0.47	0.28	0.50	0.39	0.17	0.38	0.79	0.41	0.21	0.37	0.33	0.35	
Total fresh fruit	19.62	15.90	19.01	16.44	19.13	18.80	21.49	23.66	20.25	17.41	14.65	27.31	17.70	17.57	19.06	19.88	20.47	
Canned peaches, pears and pineapples	1.47	1.32	1.26	1.43	1.58	1.32	1.39	1.45	1.41	1.51	2.01	1.40	1.31	1.65	1.42	1.48	1.51	
Other canned or bottled fruit	1.37	1.14	1.21	1.18	1.41	1.30	1.57	1.58	1.39	1.35	1.10	1.41	1.14	1.67	1.30	1.37	1.23	
Dried fruit and dried fruit products	0.90	0.67	1.14	0.79	0.89	0.74	1.09	1.01	0.93	0.89	0.56	0.76	0.74	0.94	0.85	0.95	1.23	
Frozen fruit and frozen fruit products	0.08	0.04	0.07	0.02	0.03	0.04	0.05	0.16	0.08	0.02	0.04	0.14	0.04	0.10	0.08	0.06	0.03	
Nuts and nut products	0.38	0.23	0.34	0.35	0.34	0.31	0.48	0.52	0.41	0.17	0.30	0.55	0.29	0.33	0.41	0.37	0.46	
Fruit juices (fl oz)	2.20	1.05	1.44	1.54	2.07	1.56	2.28	3.50	2.28	1.53	1.79	4.15	1.53	2.05	1.87	2.54	1.72	
Total other fruit and fruit products	6.38	4.45	5.47	5.30	6.33	5.27	6.86	8.22	6.50	5.48	5.81	8.40	5.05	6.73	5.93	6.76	6.19	
Total fruit	26.00	20.35	24.48	21.74	25.46	24.07	28.35	31.88	26.75	22.89	20.46	35.71	22.75	24.30	24.99	26.64	26.66	

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

	All households	Region										Type of area							
		North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metro-politan counties and Clyde-side conurbation			Non-metropolitan counties			
													7 or more	3 but less than 7	0·5 but less than 3	Less than 0·5	Wards with electorate per acre of—		
CEREALS:																			
White bread, large loaves, unsliced	5·65	4·31	3·59	3·08	4·62	6·50	6·26	7·15	5·48	9·61	4·62	6·53	4·67	4·54	5·01	6·38	8·13		
White bread, large loaves, sliced	15·01	19·28	13·25	17·15	14·87	18·75	10·93	10·58	14·06	17·90	22·68	10·17	19·35	15·64	14·50	13·93	13·42		
White bread, small loaves, unsliced	1·83	2·25	2·54	3·27	1·69	1·47	1·56	1·53	1·96	2·05	0·37	1·69	2·00	1·79	1·98	1·88	1·58		
White bread, small loaves, sliced	0·61	0·90	1·06	1·33	0·52	0·38	0·32	0·38	0·64	0·71	0·24	0·57	0·75	0·73	0·58	0·57	0·35		
Brown bread	3·74	4·05	4·27	3·97	4·19	2·98	3·72	3·92	3·84	2·85	3·38	3·87	3·68	4·09	3·65	3·72	3·44		
Wholemeal and other bread	1·12	0·55	0·81	0·96	1·30	0·81	1·66	1·41	1·14	1·29	0·77	1·47	0·73	0·93	1·13	1·35	1·43		
	3·43	3·59	3·61	2·80	3·76	3·33	3·06	2·91	3·16	2·56	6·93	3·38	3·88	3·77	3·39	3·22	2·51		
Total bread	31·38	34·93	29·13	32·56	30·94	34·21	27·52	27·86	30·27	36·96	38·99	27·67	35·06	31·48	30·24	31·04	30·86		
Flour	5·75	7·50	7·96	4·22	6·31	6·00	6·68	5·58	6·10	4·86	2·73	4·55	6·14	5·67	5·52	5·54	7·19		
Buns, scones and tea-cakes	1·15	1·76	1·12	2·32	0·95	0·65	0·76	0·85	1·17	0·92	1·18	0·82	0·93	1·30	1·32	1·28	1·09		
Cakes and pastries	2·86	2·84	2·82	2·75	2·91	2·56	3·27	2·97	2·88	2·69	2·75	2·84	2·73	3·32	2·98	2·59	2·31		
Crispbread	0·22	0·19	0·27	0·23	0·24	0·16	0·21	0·22	0·22	0·25	0·21	0·16	0·19	0·28	0·24	0·20	0·20		
Biscuits, other than chocolate biscuits	4·17	5·05	4·40	3·75	4·11	3·79	4·16	4·28	4·18	4·15	4·03	4·01	3·83	4·58	4·44	4·05	3·89		
Chocolate biscuits	1·15	1·86	0·96	1·24	1·05	0·84	1·14	0·96	1·08	1·33	1·75	0·80	0·99	1·26	1·30	1·24	1·14		
Oatmeal and oat products	0·45	0·31	0·42	0·55	0·31	0·39	0·46	0·39	0·41	0·26	0·96	0·32	0·45	0·47	0·33	0·47	0·62		
Breakfast cereals	3·38	3·14	3·21	3·33	3·79	3·37	3·98	3·53	3·47	3·24	2·55	2·88	3·08	3·75	3·38	3·63	3·24		
Canned milk puddings	1·21	1·28	1·60	1·44	1·13	1·46	1·10	0·96	1·21	0·95	1·32	0·71	1·55	1·38	1·15	0·99	1·28		
Other puddings	0·19	0·19	0·21	0·25	0·35	0·14	0·11	0·14	0·18	0·26	0·23	0·12	0·21	0·23	0·23	0·18	0·11		
Rice	0·73	0·49	0·41	0·39	0·49	0·87	0·45	1·18	0·76	0·29	0·69	2·11	0·81	0·44	0·46	0·51	0·56		
Cereal-based invalid foods (including "slimming" foods)	0·01	0·02	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·01	0·02	0·01	0·01	0·01	0·02	0·01	0·01		
Infant cereal foods	0·11	0·10	0·05	0·14	0·09	0·14	0·11	0·11	0·11	0·09	0·09	0·12	0·11	0·10	0·08	0·13	0·08		
Frozen convenience cereal foods	0·44	0·28	0·19	0·45	0·33	0·33	0·45	0·55	0·42	0·34	0·61	0·66	0·41	0·44	0·36	0·41	0·41		
Cereal convenience foods, including canned, not specified elsewhere	2·24	2·29	2·35	2·18	2·11	1·99	2·05	2·33	2·21	1·74	2·88	2·07	2·22	2·46	2·25	2·01	2·37		
Other cereal foods	0·39	0·25	0·30	0·27	0·23	0·27	0·60	0·51	0·39	0·15	0·58	0·67	0·39	0·36	0·27	0·31	0·46		

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

	Region										Type of area						
	All households	North	Yorkshire and Humberside	North West	East Midlands	West Midlands	South West	South East (b)/ East Anglia	England	Wales	Scotland	Greater London	Metropolitan counties and Clydeside conurbation	Non-metropolitan counties			
														Wards with electorate per acre of—			
													7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5	
BEVERAGES:																	
Tea	2.11	2.30	2.12	2.08	2.13	2.15	2.01	2.07	2.10	2.57	1.87	2.28	2.35	2.15	1.95	2.07	1.83
Coffee, bean and ground	0.09	0.03	0.04	0.09	0.06	0.09	0.17	0.10	0.09	0.07	0.07	0.09	0.08	0.05	0.07	0.12	0.15
Coffee, instant	0.51	0.58	0.57	0.53	0.53	0.46	0.52	0.52	0.52	0.37	0.46	0.50	0.46	0.54	0.56	0.51	0.50
Coffee, essences (fl oz)	0.02	0.01	0.01	0.02	0.01	0.04	0.04	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.06
Cocoa and drinking chocolate	0.13	0.08	0.10	0.07	0.15	0.16	0.14	0.13	0.12	0.12	0.19	0.12	0.13	0.15	0.10	0.12	0.17
Branded food drinks	0.20	0.11	0.21	0.22	0.29	0.21	0.27	0.22	0.22	0.12	0.08	0.25	0.21	0.19	0.23	0.18	0.18
Total beverages	3.06	3.11	3.06	3.01	3.17	3.10	3.14	3.06	3.08	3.27	2.68	3.25	3.23	3.10	2.91	3.02	2.88
MISCELLANEOUS:																	
Baby foods, canned or bottled	0.30	0.29	0.20	0.35	0.06	0.45	0.26	0.23	0.27	0.73	0.24	0.29	0.42	0.30	0.20	0.26	0.28
Soups, canned	2.98	4.17	2.59	3.34	2.69	2.54	1.86	2.35	2.68	3.23	5.94	2.27	3.35	3.12	3.20	2.85	2.50
Soups, dehydrated and powdered	0.14	0.10	0.15	0.14	0.11	0.10	0.15	0.16	0.14	0.17	0.15	0.17	0.14	0.16	0.11	0.14	0.13
Accelerated freeze-dried foods (excluding coffee)	0.35	0.20	0.35	0.21	0.42	0.29	0.37	0.45	0.35	0.27	0.35	0.43	0.26	0.38	0.33	0.35	0.38
Spreads and dressings	1.83	1.96	1.70	1.52	1.67	1.73	1.62	1.96	1.78	2.02	2.12	2.07	1.75	1.86	1.78	1.85	1.67
Pickles and sauces	0.18	0.10	0.21	0.18	0.20	0.14	0.23	0.20	0.18	0.15	0.15	0.19	0.16	0.20	0.16	0.16	0.20
Meat and yeast extracts	0.31	0.21	0.30	0.29	0.41	0.27	0.31	0.32	0.31	0.40	0.31	0.32	0.24	0.37	0.31	0.33	0.28
Table jelly, squares and crystals																	
Ice-cream (served as part of a meal)	2.14	1.70	1.66	1.54	1.75	1.49	2.22	3.19	2.21	1.78	1.63	3.44	1.46	2.26	2.01	2.33	1.76
Mousse (if oz)																	
All frozen convenience foods, not specified elsewhere	0.01	0.87	0.85	0.78	0.01	1.09	0.02	0.01	0.01	0.89	0.95	0.01	1.12	0.01	0.81	0.80	0.81
Salt	0.87	0.01	0.02	0.02	0.02	0.02	0.05	0.03	0.03	0.03	0.01	0.03	0.03	0.03	0.01	0.03	0.01
Novel protein foods	0.03																

(a) See Appendix A Table 7 for details of the classification of foods.

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

**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, 1979

	Income group													All households
	Gross weekly income of head of household												OAP	
	Households with one or more earners						Households without an earner			OAP				
	£200 and over	£145 and over	£90 and under £145	£56 and under £90	Less than £56	£56 or more	£56 or more	Less than £56	£1	£2	£	£		
A1	A2	All A	B	C	D	E1	E2	£			£			
(per person per week)														
(i) Expenditure and value of garden and allotment produce, etc.	£	£	£	£	£	£	£	£	£	£	£	£	£	£
Expenditure on:														
Seasonal foods	1.13	1.00	1.05	0.93	0.91	0.94	1.39	1.08	1.11	0.97				
Convenience foods														
Canned	0.33	0.38	0.36	0.37	0.40	0.40	0.32	0.38	0.38	0.38				
Frozen	0.26	0.28	0.27	0.23	0.20	0.19	0.16	0.17	0.13	0.13				
Other convenience foods	1.09	1.06	1.07	1.06	1.07	1.02	0.99	1.06	0.95	1.05				
Total convenience foods	1.69	1.71	1.71	1.65	1.66	1.61	1.48	1.62	1.47	1.64				
All other foods	3.89	3.87	3.89	3.72	3.68	3.63	4.56	3.96	4.56	3.82				
Total expenditure	6.72	6.59	6.64	6.30	6.25	6.19	7.43	6.66	7.13	6.42				
Value of garden and allotment produce etc.	0.23	0.16	0.18	0.14	0.12	0.09	0.24	0.13	0.11	0.13				
Value of consumption	6.95	6.75	6.82	6.44	6.37	6.28	7.67	6.79	7.24	6.55				
(all households = 100)														
(ii) Comparative indices (a) of expenditure, prices and purchases (all foods)														
Expenditure	104.6	102.6	103.5	98.1	97.4	96.3	115.7	103.8	111.1	100				
Value of consumption	105.9	103.0	104.1	98.2	97.2	95.7	117.0	103.6	110.6	100				
Prices	104.7	103.2	103.7	99.8	99.1	98.8	102.3	100.4	100.2	100				
Index of value of consumption deflated by index of food prices	101.2	99.7	100.5	98.4	98.1	96.9	114.4	103.2	110.3	100				
Food purchases	102.1	100.0	100.8	98.7	97.9	96.6	113.1	102.9	111.0	100				
"Price of energy"	116.9	108.3	111.1	101.5	97.7	93.9	107.0	95.6	95.3	100				

(a) See Glossary.

TABLE 14
Household food consumption according to income group: main food groups, annual averages, 1979
 (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				
		£200 and over	£145 and under £200	£145 and over	£90 and under £145	£56 and under £90	Less than £56	£56 or more	Less than £56	E2			
MILK AND CREAM:													
Liquid milk—full price	4	4.10	4.42	4.32	4.26	4.10	3.87	4.51	4.17	4.88	4.23		
welfare and school	5, 6	0.06	0.09	0.08	0.07	0.06	0.14	0.01	0.21	0.01	0.07		
Total liquid milk	4-6	4.15	4.52	4.40	4.33	4.16	4.01	4.52	4.38	4.89	4.37		
Condensed milk	9	0.07	0.09	0.08	0.12	0.13	0.12	0.16	0.17	0.19	0.13		
Dried and other milk	11-14	0.26	0.35	0.32	0.28	0.23	0.25	0.54	0.31	0.24	0.28		
Cream	17	0.07	0.04	0.05	0.03	0.02	0.02	0.05	0.03	0.02	0.03		
Total milk and cream	4-17	4.54	5.00	4.85	4.76	4.54	4.39	5.28	4.89	5.34	4.74		
CHEESE:													
Natural	22	4.45	4.54	4.51	3.71	3.27	3.04	4.66	3.34	3.69	3.61		
Processed	23	0.21	0.26	0.24	0.23	0.25	0.21	0.30	0.26	0.17	0.23		
Total cheese	22, 23	4.66	4.80	4.75	3.94	3.52	3.25	4.96	3.60	3.87	3.84		
MEAT:													
Beef and veal	31	7.25	8.36	8.00	8.49	8.35	7.37	8.10	6.99	9.07	8.27		
Mutton and lamb	36	4.48	3.79	4.04	4.05	4.08	4.29	6.75	4.70	5.37	4.28		
Pork	41	2.94	3.30	3.19	4.16	3.30	2.82	3.52	2.68	4.73	3.63		
Total carcass meat	31-41	14.67	15.45	15.23	16.69	15.72	14.47	18.37	14.38	19.16	16.18		
Bacon and ham, uncooked	55	4.58	4.21	4.34	4.09	4.30	4.32	5.59	4.89	5.07	4.35		
Poultry, uncooked	73, 77	9.59	7.16	8.05	6.70	5.92	5.89	7.95	6.27	5.95	6.55		
Other meat and meat products	46-51 58-71 78-88, 94	11.13	12.05	11.72	12.33	14.40	14.67	12.15	13.26	12.98	13.20		
Total meat	31-94	39.99	38.85	39.35	39.84	40.36	39.35	44.05	38.79	43.15	40.27		
FISH:													
Fresh	100, 105	2.11	1.15	1.49	1.12	1.25	1.32	2.81	1.76	2.26	1.36		
Processed and shell	111-113	0.47	0.52	0.51	0.46	0.39	0.60	0.69	0.64	0.51	0.48		
Prepared, including fish products	114-117	1.26	1.24	1.26	1.40	1.51	1.61	1.02	1.53	1.42	1.44		
Frozen, including fish products	118-123	1.41	1.38	1.38	1.27	1.20	1.20	1.07	1.31	1.25	1.26		
	110, 127												

TABLE 14—continued
 (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		
	£200 and over	£145 and under £200	£145 and over	A1	A2	All A	£90 and under £145	B	C	£56 and under £90	D	Less than £56	£56 or more	E1		E2		Less than £56
EGGS: (Eggs purchased) (no) (no)	3-58 3-40	3-69 3-56	3-66 3-50		3-60 3-47		3-89 3-80		3-89 3-80	4-29 4-25	4-44 4-42	4-49 4-46	3-88 3-78				
FATS: Butter Margarine Lard and compound cooking fat All other fats	4-72 2-32 1-20 1-26	4-54 2-99 1-26 1-28	4-61 2-76 1-25 1-28		4-23 3-44 1-59 1-09		4-39 3-61 2-06 0-99		4-39 3-61 2-06 0-99	4-13 4-08 2-37 0-96	4-98 4-04 2-15 1-65	5-46 5-00 2-48 1-14	4-45 3-63 1-86 1-11				
Total fats	9-50	10-08	9-90		10-36		11-04		11-04	11-53	12-82	14-08	11-04				
SUGAR AND PRESERVES: Sugar Honey, preserves, syrup and treacle	7-57 1-89	8-97 2-11	8-49 2-04		10-03 1-89		11-42 1-82		11-42 1-82	13-45 1-84	13-59 3-22	18-09 4-32	11-55 2-17				
Total sugar and preserves	9-45	11-08	10-53		11-91		13-24		13-24	15-30	16-80	22-41	13-71				
VEGETABLES: Potatoes Fresh green Other fresh Frozen, including vegetable products Other processed, including vegetable products	34-65 11-10 18-96 5-34	41-11 11-88 15-09 6-20	38-98 11-67 16-47 5-89		39-73 9-99 15-34 4-78		47-63 10-19 14-50 3-63		47-63 10-19 14-50 3-63	48-08 9-81 14-91 2-94	38-21 19-25 24-00 4-00	44-06 14-87 16-55 2-49	43-59 10-88 15-48 4-12				
Total vegetables	77-33	84-29	82-12		81-62		89-51		89-51	90-80	91-52	86-47	85-99				
FRUIT: Fresh Other, including fruit products	29-62 10-77	23-04 9-53	25-43 9-96		19-78 6-63		16-29 5-10		16-29 5-10	15-13 4-76	37-04 8-93	23-02 6-39	19-62 6-38				
Total fruit	40-39	32-57	35-39		26-41		21-39		21-39	19-89	45-97	29-41	26-00				

TABLE 14—continued
(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											
	£200 and over		£145 and under £200		£145 and over		£90 and under £145		£56 and under £90		Less than £56			OAP				
A1		A2		All A		B		C		D		E1		E2				
CEREALS:																		
Brown bread	4.61	3.30	3.75	3.32	3.45	3.41	6.25	5.60	5.59	3.74								
White bread (standard loaves)	15.91	17.65	17.09	21.79	26.09	28.85	14.08	22.20	21.29	23.10								
Wholewheat and wholemeal bread	1.32	1.66	1.55	1.19	0.84	0.84	2.41	1.19	1.26	1.12								
Other bread	3.37	3.58	3.51	3.24	3.32	3.26	2.81	3.53	5.07	3.43								
Total bread	25.20	26.20	25.91	29.55	33.70	36.37	25.53	32.51	33.21	31.38								
Flour	4.40	4.61	4.57	5.59	5.03	5.46	11.37	6.60	9.72	5.75								
Cakes	3.71	3.95	3.88	3.77	3.92	4.39	4.08	4.91	4.89	4.01								
Biscuits	5.00	4.97	4.98	5.60	5.45	5.08	6.64	6.39	5.95	5.54								
Oatmeal and oat products	281	0.45	0.45	0.36	0.38	0.37	0.84	0.55	1.06	0.45								
Breakfast cereals	3.36	3.97	3.78	3.61	3.18	2.87	3.26	3.27	3.11	3.38								
Other cereals	4.31	4.91	4.71	5.49	5.05	5.68	3.95	5.65	5.95	5.32								
Total cereals	46.45	49.06	48.28	53.95	56.72	60.23	55.67	59.88	63.92	55.81								
BEVERAGES:																		
Tea	1.26	1.55	1.45	1.79	2.13	2.29	2.41	3.03	3.69	2.11								
Coffee	0.86	0.74	0.78	0.60	0.59	0.54	0.80	0.58	0.62	0.62								
Cocoa and drinking chocolate	0.12	0.08	0.10	0.11	0.16	0.14	0.13	0.07	0.15	0.13								
Branded food drinks	0.08	0.11	0.10	0.19	0.14	0.12	0.61	0.39	0.55	0.20								
Total beverages	2.32	2.49	2.44	2.68	3.02	3.09	3.94	4.07	5.01	3.06								

(pence per person per week)

	Food codes	Income group												OAP	All households	
		Gross weekly income of head of household														
		Households with one or more earners						Households without an earner								
		£200 and over	£145 and under £200	£145 and over	£90 and under £145	£56 and under £90	Less than £56	£56 or more	E1	E2	Less than £56	E1	E2			
MILK AND CREAM:		A1	A2	All A	B	C	D	E1	E2							
Liquid milk—full price	4	58.55	62.45	61.20	60.35	58.57	56.15	65.75	60.63	70.99	70.99	70.99	70.99	60.47	60.47	60.47
weifaie and school	5, 6	0.14	0.05	0.09	0.03	0.03	0.01	—	—	—	—	—	—	0.03	0.03	0.03
Total liquid milk	4-6	58.69	62.50	61.29	60.38	58.60	56.16	65.75	60.63	70.99	70.99	70.99	70.99	60.50	60.50	60.50
Condensed milk	9	1.00	1.26	1.16	1.58	1.79	1.55	2.13	2.34	2.75	2.75	2.75	2.75	1.72	1.72	1.72
Dried and other milk	11-14	6.95	7.76	7.49	6.11	4.72	4.75	8.29	5.93	5.81	5.81	5.81	5.81	5.38	5.38	5.38
Cream	17	7.86	4.64	5.76	3.45	2.12	1.67	5.61	3.23	2.46	2.46	2.46	2.46	3.13	3.13	3.13
Total milk and cream	4-17	74.49	76.17	75.70	71.52	67.34	64.14	81.78	72.13	80.01	80.01	80.01	80.01	70.94	70.94	70.94
CHEESE:																
Natural	22	24.76	24.07	24.32	19.01	16.88	15.67	24.33	17.61	19.34	19.34	19.34	19.34	18.77	18.77	18.77
Processed	23	1.35	1.58	1.50	1.39	1.51	1.26	1.52	1.52	0.96	0.96	0.96	0.96	1.39	1.39	1.39
Total cheese	22, 23	26.11	25.65	25.81	20.39	18.38	16.93	25.85	19.12	20.30	20.30	20.30	20.30	20.16	20.16	20.16
MEAT:																
Beef and veal	31	51.94	58.04	55.99	57.74	54.97	48.86	58.11	47.40	60.51	60.51	60.51	60.51	55.76	55.76	55.76
Mutton and lamb	36	24.26	21.52	22.47	21.19	21.33	22.50	38.60	25.73	30.17	30.17	30.17	30.17	22.78	22.78	22.78
Pork	41	17.17	17.90	17.68	20.75	17.93	15.88	20.52	14.53	23.64	23.64	23.64	23.64	19.01	19.01	19.01
Total carcase meat	31-41	93.38	97.45	96.14	99.68	94.23	87.25	117.23	87.65	114.33	114.33	114.33	114.33	97.55	97.55	97.55
Bacon and ham, uncooked	55	25.56	25.87	25.78	23.45	24.43	23.79	32.30	27.76	27.94	27.94	27.94	27.94	24.78	24.78	24.78
Poultry, uncooked	73, 77	35.32	24.86	28.66	22.81	19.98	19.97	28.29	22.18	21.98	21.98	21.98	21.98	22.55	22.55	22.55
Other meat and meat products	46-51, 58-71, 78-88, 94	58.28	59.44	59.05	57.29	65.72	65.34	56.33	61.09	61.00	61.00	61.00	61.00	61.14	61.14	61.14
Total meat	31-94	212.53	207.62	209.63	203.34	204.34	196.34	234.13	198.66	225.27	225.27	225.27	225.27	206.00	206.00	206.00
FISH:																
Fresh	100, 105, 111-113, 114-117	8.55	6.26	7.08	6.14	6.88	6.76	16.79	9.60	12.77	12.77	12.77	12.77	7.38	7.38	7.38
Prepared and shell fish products, including fish	118-123	4.42	3.50	3.82	3.31	2.78	3.71	4.88	3.94	3.35	3.35	3.35	3.35	3.30	3.30	3.30
Frozen, including fish products	110, 127	8.96	9.00	9.05	9.60	10.07	10.50	6.90	10.52	9.41	9.41	9.41	9.41	9.69	9.69	9.69
Total fish	100-127	29.76	27.00	28.00	26.16	26.81	28.04	35.31	32.24	33.53	33.53	33.53	33.53	27.68	27.68	27.68

TABLE 15—continued
(pence per person per week)

Food codes	Income group													All households
	Gross weekly income of head of household												OAP	
	Households with one or more earners						Households without an earner							
	£200 and over	£145 and under £200	£145 and over	£90 and under £145	£56 and under £90	Less than £56	£56 or more	E1	E2	Less than £56	E2			
A1	A2	All A	B	C	D	E1	E2	E1	E2	E1	E2			
EGGS:	17.00	16.75	16.86	16.25	17.58	19.65	23.30	21.58	23.30	21.58	21.32	17.75		
FATS:														
Butter	19.88	19.10	19.40	17.39	18.14	17.11	19.82	21.04	19.82	21.04	23.20	18.46		
Margarine	4.98	6.21	5.79	6.98	7.28	8.21	9.86	8.47	9.86	8.47	10.55	7.43		
Lard and compound cooking fat	1.91	2.09	2.04	2.49	3.17	3.59	2.32	3.40	2.32	3.40	4.03	2.90		
Other fats	2.95	3.30	3.18	2.62	2.52	2.55	3.78	4.10	3.78	4.10	2.78	2.75		
Total fats	29.72	30.69	30.42	29.48	31.11	31.47	35.78	37.02	35.78	37.02	40.55	31.54		
SUGAR AND PRESERVES:														
Sugar	7.42	8.40	8.07	9.19	10.37	12.02	12.75	14.79	12.75	14.79	16.84	10.60		
Honey, preserves, syrup and treacle	4.44	4.84	4.71	3.82	3.62	3.92	6.98	7.33	6.98	7.33	9.17	4.50		
Total sugar and preserves	11.87	13.24	12.78	13.01	13.99	15.95	19.74	22.12	19.74	22.12	26.01	15.09		
VEGETABLES:														
Potatoes	12.77	14.47	13.91	14.90	17.80	18.73	14.18	19.50	14.18	19.50	17.08	16.42		
Fresh green	9.99	10.55	10.42	8.97	8.93	9.20	14.70	10.76	14.70	10.76	12.64	9.62		
Other fresh	25.32	20.32	22.06	19.10	17.67	17.39	26.19	18.62	26.19	18.62	17.67	18.85		
Frozen, including vegetable products	10.72	12.00	11.56	9.10	7.24	6.07	8.27	5.50	8.27	5.50	5.94	8.18		
Other processed, including vegetable products	15.42	17.87	17.09	20.55	22.51	23.37	11.38	18.11	11.38	18.11	13.73	20.25		
Total vegetables	74.24	75.21	75.06	72.61	74.15	74.75	74.71	72.49	74.71	72.49	67.08	73.29		
FRUIT:														
Fresh	35.32	28.38	30.90	23.84	19.63	18.91	39.42	24.44	39.42	24.44	25.87	23.43		
Other, including fruit products	22.15	19.28	20.29	13.84	11.34	10.36	20.23	12.65	20.23	12.65	14.33	13.67		

Food codes	(pence per person per week)													All households	
	Income group														
	Gross weekly income of head of household														
	Households with one or more earners						Households without an earner			OAP					
£200 and over	£145 and under £200	£145 and over	£90 and under £145	£56 and under £90	Less than £56	A1	A2	All A	B	C	D	Households without an earner		OAP	
												E1	E2		
CEREALS:															
Brown bread	5.86	4.32	4.86	4.30	4.35	4.33	8.68	7.65	7.78	4.88					
White bread (standard loaves)	17.78	19.31	18.83	23.35	28.01	30.83	16.71	24.73	25.27	25.06					
Wholewheat and wholemeal bread	1.97	2.15	2.10	1.62	1.12	1.14	3.43	1.56	1.81	1.52					
Other bread	7.01	7.24	7.16	6.55	6.49	6.65	5.64	6.89	9.32	6.80					
Total bread	37.61	33.02	32.94	35.82	39.96	43.14	36.46	40.83	44.17	38.25					
Flour	2.82	2.92	2.91	3.45	3.25	3.42	7.73	4.35	6.61	3.68					
Cakes	13.43	14.64	14.27	13.76	13.97	15.41	15.71	16.94	16.84	14.41					
Biscuits	17.61	16.88	17.16	18.52	17.43	15.84	20.48	19.34	16.92	17.82					
Oatmeal and oat products	0.63	0.60	0.60	0.48	0.55	0.47	1.25	0.91	1.57	0.63					
Breakfast cereals	7.82	9.82	9.17	8.74	7.67	6.82	7.86	7.93	7.69	8.19					
Other cereals	12.51	12.33	12.41	13.73	11.89	11.70	8.31	11.78	10.53	12.43					
Total cereals	87.42	90.20	89.46	94.50	94.71	96.79	95.80	102.08	104.33	95.39					
BEVERAGES:															
Tea	7.71	9.44	8.86	10.54	12.50	13.66	14.55	17.66	21.39	12.44					
Coffee	17.22	14.95	15.73	11.70	11.66	10.33	14.60	11.58	11.40	12.06					
Cocoa and drinking chocolate	0.72	0.56	0.63	0.68	0.99	0.79	0.71	0.51	1.10	0.80					
Branded food drinks	0.37	0.54	0.48	0.81	0.64	0.53	2.35	1.75	2.51	0.90					
Total beverages	26.02	23.49	25.69	23.73	25.80	25.30	32.21	31.50	36.40	26.20					
MISCELLANEOUS:															
Soups, canned, dehydrated and powdered	3.91	4.05	4.01	4.40	5.33	5.18	5.58	5.59	5.35	4.88					
Other foods	21.25	18.99	19.87	17.05	14.97	14.86	19.06	14.79	13.03	16.20					
Total miscellaneous	25.16	23.04	23.87	21.44	20.31	20.04	24.65	20.39	18.37	21.06					
TOTAL EXPENDITURE	£6.72	£6.59	£6.64	£6.30	£6.25	£6.19	£7.43	£6.66	£7.13	£6.42					

**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, 1979

	Households with											All households	
	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		0
	£	£	£	£	£	£	£	£	£	£	£	£	£
	(per person per week)												
(i) Expenditure and value of garden and allotment produce, etc.	1.29	0.79	1.24	0.90	0.82	0.72	0.67	1.16	0.87	0.75	0.93	0.97	
Expenditure on:													
Seasonal foods	0.49	0.35	0.42	0.45	0.34	0.32	0.33	0.36	0.34	0.28	0.40	0.38	
Convenience foods	0.19	0.18	0.22	0.28	0.20	0.20	0.14	0.22	0.21	0.14	0.22	0.21	
Canned	1.23	1.04	1.12	1.13	1.05	0.95	0.86	1.06	0.98	0.73	1.08	1.05	
Frozen													
Other convenience foods	1.91	1.57	1.76	1.85	1.59	1.47	1.32	1.64	1.53	1.15	1.69	1.64	
Total convenience foods	4.65	2.97	4.81	3.65	3.26	2.97	2.78	4.48	3.52	2.73	4.31	3.82	
All other foods	7.85	5.34	7.81	6.41	5.66	5.15	4.76	7.28	5.92	4.63	6.94	6.42	
Total expenditure	0.08	0.08	0.17	0.12	0.14	0.10	0.09	0.17	0.11	0.09	0.16	0.13	
Value of garden and allotment produce, etc.	7.93	5.42	7.98	6.53	5.80	5.25	4.85	7.45	6.03	4.72	7.10	6.55	
Value of consumption													
	(all households = 100)												
(ii) Comparative indices (a) of expenditure, prices and purchases (all foods)	122.3	83.1	121.7	99.8	88.2	80.3	74.2	113.4	92.1	72.1	108.0	100	
Expenditure	121.1	82.7	121.7	99.5	88.5	80.2	74.0	113.7	92.0	72.0	108.3	100	
Value of consumption	103.8	100.1	101.8	100.9	98.6	96.4	95.2	101.1	98.4	96.0	101.7	100	
Prices													
Index of value of consumption deflated by index of food prices	116.7	82.6	119.6	98.7	89.7	83.2	77.7	112.4	93.4	75.0	106.5	100	
Food purchases	118.1	83.1	119.4	98.8	89.5	84.3	78.1	112.2	93.7	74.4	105.9	100	
"Price of energy"	103.9	92.8	105.6	103.3	97.7	90.2	83.1	105.9	94.8	84.5	108.4	100	

(a) See Glossary.

TABLE 17
Household food consumption according to household composition: main food groups, annual averages, 1979
(oz per person per week, except where otherwise stated)

	Households with														
	No. of adults			1			2			3			4 or more		
	No. of children	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more	4 or more	0		
MILK AND CREAM:															
Liquid milk—full price		4-97	3-83	4-46	4-36	4-19	3-97	3-57	4-20	4-04	3-95	3-95			
welfare and school		—	0-35	...	0-08	0-13	0-17	0-24	—	0-04	0-06	—			
(pt)															
(pt)															
Total liquid milk		4-97	4-17	4-46	4-44	4-32	4-14	3-81	4-20	4-08	4-01	3-95			
Condensed milk		0-21	0-15	0-17	0-10	0-10	0-09	0-06	0-14	0-14	0-08	0-12			
(pt)															
(eq pt)															
Dried and other milk		0-32	0-25	0-31	0-36	0-25	0-27	0-20	0-22	0-20	0-18	0-21			
(pt or eq pt)															
Cream		0-03	0-01	0-04	0-03	0-03	0-02	0-01	0-05	0-02	0-01	0-04			
(pt)															
Total milk and cream		5-53	4-58	4-99	4-94	4-69	4-51	4-07	4-60	4-43	4-29	4-31			
(pt or eq pt)															
CHEESE:															
Natural		4-74	2-51	4-56	3-43	3-27	2-94	2-02	4-28	3-07	2-38	3-71			
Processed		0-26	0-27	0-23	0-27	0-23	0-23	0-17	0-21	0-26	0-12	0-21			
Total cheese		4-99	2-78	4-79	3-70	3-50	3-18	2-20	4-49	3-33	2-51	3-92			
MEAT:															
Beef and veal		7-85	4-69	11-06	7-37	6-93	7-29	5-30	10-77	6-58	5-92	12-13			
Mutton and lamb		5-31	2-11	5-77	3-76	3-62	2-87	1-84	6-40	3-81	2-40	4-38			
Pork		3-55	2-81	4-63	3-03	3-51	1-71	3-39	4-66	3-34	2-12	4-84			
Total carcass meat		16-71	9-60	21-46	14-15	14-07	11-87	10-53	21-83	13-73	10-44	21-35			
Bacon and ham, uncooked		5-46	2-76	5-71	4-04	3-60	2-95	2-70	5-43	4-43	2-63	4-85			
Poultry, uncooked		6-23	7-10	7-75	7-02	6-26	5-37	4-53	6-88	6-45	3-56	5-94			
46-51															
58-71															
78-88, 94															
Other meat and meat products		14-65	11-86	14-54	14-47	11-63	11-37	12-88	13-94	13-49	9-97	14-43			
Total meat		43-06	31-32	49-46	39-68	35-56	31-56	30-65	48-08	38-12	26-62	46-58			
FISH:															
Fresh		2-01	0-57	2-31	1-08	0-86	0-58	0-68	2-13	0-92	1-01	1-17			
111-113															
114-117															
Prepared, including fish products		0-70	0-15	0-78	0-46	0-32	0-23	0-19	0-69	0-33	0-22	0-45			
118-123															
Frozen, including fish products		1-91	1-26	1-63	1-51	1-28	0-98	1-04	1-51	1-51	0-84	1-74			
110, 127															
1-39															
Total fish		6-00	2-95	6-13	4-62	3-73	2-97	3-05	5-60	3-73	2-51	4-50			
FOODS: MEAT AND FISH		5-02	3-30	4-40	3-44	3-44	3-44	3-44	3-44	3-44	3-44	3-44			

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

	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	3 or more	0	1 or 2	3 or more	4 or more
FATS:														
Butter	5-67	2-49	5-79	4-29	3-45	2-91	3-13	5-20	4-64	4-12	5-36	4-64	4-12	5-36
Margarine	4-35	3-53	4-39	3-08	3-24	3-73	3-76	3-63	3-13	3-40	3-29	3-13	3-40	3-29
Lard and compound cooking fat	2-08	1-76	2-17	1-80	1-60	1-79	1-56	2-32	1-73	1-45	1-70	1-73	1-45	1-70
Other fats	1-03	0-92	1-54	0-96	1-02	0-84	0-76	1-42	1-01	0-44	0-62	1-01	0-44	0-62
Total fats	13-14	8-69	13-89	10-13	9-31	9-27	9-21	12-57	10-50	9-42	10-97	10-50	9-42	10-97
SUGAR AND PRESERVES:														
Sugar	17-34	11-69	13-46	9-87	9-49	10-51	10-24	11-61	11-86	10-80	12-00	11-86	10-80	12-00
Honey, preserves, syrup and treacle	4-18	1-53	3-09	1-61	1-57	1-84	1-59	2-28	1-75	1-57	1-78	1-75	1-57	1-78
Total sugar and preserves	21-51	13-22	16-55	11-48	11-07	12-34	11-83	13-89	13-61	12-37	13-78	13-61	12-37	13-78
VEGETABLES:														
Potatoes	38-35	41-00	45-99	40-79	38-93	46-29	43-64	46-72	49-50	50-35	38-12	49-50	50-35	38-12
Fresh green	13-72	7-40	15-67	10-12	8-50	7-40	6-28	14-37	8-89	6-31	11-73	8-89	6-31	11-73
Other fresh	19-12	11-98	20-08	15-31	12-54	10-50	12-73	18-57	15-02	11-68	14-30	15-02	11-68	14-30
Frozen, including vegetable products	3-06	2-07	4-84	4-82	3-48	3-56	2-11	5-14	4-47	3-31	5-17	4-47	3-31	5-17
Other processed, including vegetable products	10-25	14-84	11-00	14-01	12-07	12-56	12-69	10-76	11-89	11-81	11-43	11-89	11-81	11-43
Total vegetables	84-49	77-28	97-57	85-05	75-51	80-32	77-44	95-56	89-77	83-48	80-76	89-77	83-48	80-76
FRUIT:														
Fresh	27-34	13-91	24-95	17-13	17-47	14-96	13-53	22-94	17-50	15-46	18-67	17-50	15-46	18-67
Other, including fruit products	8-20	5-36	8-35	6-71	5-97	4-41	3-60	6-51	5-74	3-15	5-80	5-74	3-15	5-80
Total fruit	35-54	19-27	33-30	23-84	23-44	19-37	17-13	29-45	23-24	18-61	24-47	23-24	18-61	24-47
CEREALS:														
Brown bread	7-64	3-04	5-43	3-29	2-42	2-31	1-52	4-80	3-03	2-19	3-87	3-03	2-19	3-87
White bread (standard loaves)	19-87	25-42	21-01	23-06	21-48	24-07	30-20	23-81	26-32	25-91	26-04	26-32	25-91	26-04
Wholewheat and wholemeal bread	1-52	0-55	1-93	0-95	0-96	0-46	0-43	1-47	0-68	0-25	1-07	0-68	0-25	1-07
Other bread	4-99	1-82	4-41	3-39	2-88	2-79	2-09	4-01	3-13	2-04	3-36	3-13	2-04	3-36
Total bread	34-02	30-83	32-77	30-68	27-75	29-62	34-24	34-10	33-16	30-40	34-34	33-16	30-40	34-34
Flour	6-76	3-33	8-07	3-99	4-72	3-64	7-91	6-40	5-86	5-56	4-64	5-86	5-56	4-64
Cakes	6-07	3-81	4-68	3-86	3-68	3-37	2-07	4-27	3-60	2-35	4-86	3-60	2-35	4-86
Biscuits	267-270	5-53	5-72	5-59	5-63	5-63	5-15	4-98	4-91	4-41	4-61	4-91	4-41	4-61
Oatmeal and oat products	281	0-90	0-65	0-23	0-23	0-19	0-56	0-53	0-43	1-11	0-25	0-43	1-11	0-25
Breakfast cereals	3-68	3-86	2-95	3-37	3-94	4-31	4-18	2-66	2-66	3-27	2-51	2-66	3-27	2-51
Other cereals	6-24	6-29	6-08	5-85	5-17	4-97	5-14	4-42	4-59	4-13	3-32	4-59	4-13	3-32
Total cereals	64-57	54-21	60-94	53-56	51-37	51-75	59-24	57-33	55-22	51-23	54-52	55-22	51-23	54-52
BEVERAGES:														
Tea	3-69	1-69	2-92	1-86	1-39	1-35	1-44	2-81	1-96	1-28	2-25	1-96	1-28	2-25
Coffee	0-83	0-58	0-77	0-62	0-55	0-47	0-40	0-65	0-52	0-30	0-88	0-52	0-30	0-88
Cocoa and drinking chocolate	312	0-20	0-15	0-16	0-08	0-11	0-16	0-11	0-12	0-10	0-14	0-12	0-10	0-14
Branded food drinks	313	0-38	0-35	0-14	0-13	0-16	0-11	0-24	0-12	0-18	0-06	0-12	0-18	0-06
Total beverages	5-06	2-61	4-20	2-78	2-15	2-08	2-10	3-81	2-71	1-87	3-34	2-71	1-87	3-34

TABLE 18
Household food expenditure according to household composition: main food groups, annual averages, 1979
 (pence per person per week)

	No. of adults	Households with										4 or more									
		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								
	No. of children																				
	Food codes																				
MILK AND CREAM:																					
Liquid milk—full price	4	72.30	55.47	64.45	62.20	59.41	56.59	50.75	60.35	57.15	55.62	53.51									
welfare and school	5, 6		0.01		0.05	0.08	0.03														
Total liquid milk																					
Condensed milk	4-6	72.30	55.47	64.45	62.25	59.49	56.62	50.75	60.35	57.15	55.62	53.51									
Dried and other milk	9	2.98	1.98	2.36	1.42	1.32	1.16	0.86	1.88	1.76	1.04	1.49									
Cream	11-14	6.26	5.05	5.67	8.55	5.83	5.18	3.42	4.39	4.30	3.90	4.98									
	17	3.47	1.37	4.65	2.72	2.81	1.83	0.69	4.77	2.10	1.43	4.33									
Total milk and cream	4-17	85.01	63.88	77.12	74.95	69.44	64.79	55.73	71.39	65.30	61.98	64.31									
CHEESE:																					
Natural	22	24.94	12.94	24.30	17.74	16.57	15.40	10.30	22.40	15.43	12.01	19.31									
Processed	23	1.51	1.51	1.36	1.58	1.39	1.32	1.08	1.32	1.65	0.78	1.27									
Total cheese	22, 23	26.46	14.45	25.65	19.32	17.96	16.72	11.38	23.72	17.08	12.79	20.58									
MEAT:																					
Beef and veal	31	55.45	29.39	77.99	51.00	43.51	44.68	33.79	74.18	44.28	35.47	88.45									
Mutton and lamb	36	29.48	10.47	32.48	20.39	17.84	14.11	10.12	34.24	19.55	10.98	26.64									
Pork	41	20.46	15.38	24.97	16.53	16.86	8.85	14.91	24.80	18.05	11.26	26.32									
Total carcase meat	31-41	105.40	55.24	135.44	87.92	78.21	67.64	58.82	133.21	81.88	57.71	141.42									
Bacon and ham, uncooked	55	31.80	16.09	33.47	23.82	19.84	16.02	14.94	30.66	24.82	14.02	28.61									
Poultry, uncooked	73, 77	23.82	24.45	27.45	24.23	20.89	17.03	13.65	24.70	22.11	11.51	21.68									
Other meat and meat products	46, 51 58-71 78-88, 94	74.38	53.06	68.93	65.68	53.68	49.63	54.30	66.54	61.56	42.61	67.62									
Total meat	31-94	235.39	148.84	265.29	201.66	172.62	150.33	141.70	255.11	190.39	125.83	259.34									
FISH:																					
Fresh	100, 105 111-113	11.53	3.02	12.39	5.75	4.74	3.24	2.78	11.54	5.75	4.63	6.73									
Processed and shell	114-117	4.80	1.02	5.51	3.17	2.25	1.92	0.84	4.72	2.41	1.35	2.91									
Prepared, including fish products	118-123	13.16	8.28	11.33	9.94	8.37	6.95	6.95	11.00	10.18	5.45	12.49									
Frozen, including fish products	110, 127	9.10	5.58	8.54	9.13	6.99	6.46	6.06	7.44	5.59	2.54	7.47									
Total fish	100-127	38.59	17.91	37.79	27.99	22.36	18.18	16.64	34.70	23.92	13.98	29.60									

TABLE 18—continued
 (pence per person per week)

	No. of adults	Households with											
		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	3 or more	0	
EGGS		24-44	16-14	21-35	16-61	15-13	13-94	13-96	20-41	16-14	16-55	18-66	
FATS:													
Butter	135	24-25	10-34	24-15	17-67	14-13	11-95	12-84	21-83	19-26	17-03	22-11	
Margarine	138	9-79	6-94	9-40	6-24	6-32	7-06	7-16	7-76	6-53	6-23	6-65	
Lard and compound cooking fat	139	3-33	2-72	3-46	2-76	2-43	2-38	2-38	3-70	2-68	2-27	2-75	
Other fats	143, 148	2-92	2-41	3-86	2-29	2-53	1-89	1-81	3-86	2-27	1-15	1-80	
Total fats	135-148	40-29	22-42	40-86	28-96	25-41	23-59	24-19	37-15	30-75	26-68	33-30	
SUGAR AND PRESERVES:													
Sugar	150	16-12	10-38	12-58	9-02	8-70	9-56	9-07	10-88	10-51	9-69	11-09	
Honey, preserves, syrup and treacle	151-154	9-45	3-32	6-44	3-41	3-17	3-67	3-07	4-70	3-47	3-26	4-33	
Total sugar and preserves	150-154	25-57	13-69	19-01	12-43	11-87	13-22	12-15	15-58	13-98	12-94	15-42	
VEGETABLES:													
Potatoes	156-161	16-39	17-20	17-35	16-17	15-21	15-95	15-64	17-36	17-55	16-72	13-81	
Fresh	162-171	14-02	7-47	13-64	8-87	7-42	5-89	5-40	12-76	7-92	6-19	8-85	
Other fresh	172-183	24-29	15-64	24-36	18-60	15-90	13-77	13-94	21-83	16-92	12-45	18-05	
Frozen, including vegetable products	203-208	7-72	4-88	10-07	9-21	6-68	6-65	4-10	10-35	8-04	5-85	10-67	
Other processed, including vegetable products	184-202	18-02	24-99	18-75	24-10	21-52	20-43	20-21	17-53	19-75	17-37	18-98	
Total vegetables	156-208	80-44	70-17	84-18	76-97	66-75	62-68	59-30	79-85	70-18	58-60	70-33	
FRUIT:													
Fresh	210-231	33-96	18-49	29-66	21-12	21-08	16-98	14-13	27-06	20-30	17-07	23-74	
Other	233-248	17-43	11-27	17-71	14-11	12-82	9-57	7-99	14-03	12-48	6-77	13-38	
Total fruit	210-248	51-39	29-76	47-37	35-23	33-90	26-55	22-12	41-09	32-78	23-84	37-12	
CEREALS:													
Brown bread	255	10-64	3-96	7-31	4-26	3-02	2-83	1-81	6-16	3-81	2-82	5-15	
White bread (standard loaves)	251-254	24-27	26-91	23-97	24-55	22-65	25-11	30-97	26-47	27-80	27-33	28-47	
Wholemeal and wholemeal bread	256	2-20	0-72	2-68	1-28	1-29	0-60	0-56	1-92	0-90	0-31	1-43	
Other bread	263	10-11	3-89	8-53	6-98	5-87	5-31	4-22	7-74	5-85	4-20	6-94	
Total bread	251-263	47-24	35-47	42-49	37-06	32-83	33-85	37-57	42-27	38-37	34-35	41-99	

TABLE 18—continued
(pence per person per week)

	No. of adults	Households with													
		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	3 or more	0			
	No. of children														
	Food codes														
Flour	264	4.61	2.07	5.27	2.57	2.95	2.12	5.35	4.12	3.64	3.53	2.87			
Cakes	267-270	21.58	14.21	17.21	14.55	12.72	11.98	6.86	15.91	12.41	8.30	17.87			
Biscuits	271-277	20.88	17.40	18.27	18.93	19.31	17.66	14.02	16.05	15.91	13.76	16.07			
Oatmeal and oat products	281	1.37	0.58	0.90	0.35	0.33	0.24	0.74	0.76	0.58	1.45	0.36			
Breakfast cereals	282	9.00	9.41	7.26	8.18	9.55	10.26	9.60	6.51	6.44	7.61	6.14			
Other cereals	285-301	12.12	14.27	13.23	15.85	12.86	11.87	9.99	10.44	10.78	9.58	9.55			
<i>Total cereals</i>	251-301	116.80	93.41	104.64	97.49	90.55	87.97	84.15	96.07	88.12	78.56	94.87			
BEVERAGES:															
Tea	304	22.31	10.72	17.21	10.73	8.18	7.63	8.96	16.35	11.71	7.48	12.92			
Coffee	307-309	15.96	9.99	15.11	12.82	10.87	8.51	7.60	12.78	10.22	6.05	17.28			
Cocoa and drinking chocolate	312	1.04	1.16	1.04	0.95	0.46	0.65	0.95	0.74	0.80	0.58	0.90			
Branded food drinks	313	1.82	0.72	1.50	0.64	0.59	0.64	0.50	1.11	0.52	0.69	0.30			
<i>Total beverages</i>	304-313	41.12	22.58	34.86	25.14	20.11	17.43	18.02	30.98	23.24	14.79	31.41			
MISCELLANEOUS:															
Soups, canned, dehydrated and powdered	318, 319	7.41	5.12	5.28	5.40	4.06	4.23	4.36	4.55	4.76	3.77	5.30			
Other foods	315, 320-339	12.18	15.11	17.85	18.58	16.31	15.81	12.54	17.47	14.92	12.55	13.36			
<i>Total miscellaneous</i>	315-339	19.60	20.23	23.11	23.99	20.35	20.04	16.89	22.01	19.67	16.32	18.64			
TOTAL EXPENDITURE		£7.85	£5.34	£7.81	£6.41	£5.66	£5.15	£4.76	£7.28	£5.92	£4.63	£6.94			

TABLE 19
 Total household food expenditure by certain household composition groups within income groups, 1979

	Income group						All house-holds			Income group													
	Gross weekly income of head of household						House-holds with or without an earner			Gross weekly income of head of household													
	Households with one or more earners			Households with or without an earner			Less than £56			Households with one or more earners			Households with or without an earner										
	£145 and over	£90 and under £145	£56 and under £90	All A	B	C	D & E2	£145 and over	£90 and under £145	£56 and under £90	All A	B	C	D & E2	£145 and over	£90 and under £145	£56 and under £90	All A	B	C	D & E2		
Households with:	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	£	per head	
adults only	8.04		7.51		7.74		7.51		7.74		7.51		7.74		18.82		18.82		18.82		18.82		18.82
1 adult, 1 or more children	*		5.19		5.33		5.19		5.33		5.19		5.33		18.01		18.01		18.01		18.01		18.01
2 adults, 1 child	7.63		5.99		6.40		5.99		6.40		5.99		6.40		(15.53)		(15.53)		(15.53)		(15.53)		(15.53)
2 adults, 2 children	6.03		5.18		5.67		5.18		5.67		5.18		5.67		18.75		18.75		18.75		18.75		18.75
2 adults, 3 children	6.03		4.46		5.23		4.46		5.23		4.46		5.23		22.86		22.86		22.86		22.86		22.86
2 adults, 4 or more children	(5.82)		(3.75)		4.76		(3.75)		4.76		(3.75)		4.76		30.14		30.14		30.14		30.14		30.14
3 or more adults, 1 or or more children	5.77		5.22		5.59		5.22		5.59		5.22		5.59		26.35		26.35		26.35		26.35		26.35
All households	6.71		6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		30.02		30.02		30.02		30.02		30.02
			5.45		5.76		5.45		5.76		5.45		5.76		29.14		29.14		29.14		29.14		29.14
			6.23		6.33		6.23		6.33		6.23		6.33		21.34		21.34		21.34		21.34		21.34
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		23.09		23.09		23.09		23.09		23.09
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		30.46		30.46		30.46		30.46		30.46
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		27.41		27.41		27.41		27.41		27.41
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		16.92		16.92		16.92		16.92		16.92
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		15.26		15.26		15.26		15.26		15.26
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		18.62		18.62		18.62		18.62		18.62
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		21.93		21.93		21.93		21.93		21.93
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		25.66		25.66		25.66		25.66		25.66
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		30.77		30.77		30.77		30.77		30.77
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		27.52		27.52		27.52		27.52		27.52
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		13.07		13.07		13.07		13.07		13.07
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		15.46		15.46		15.46		15.46		15.46
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		17.96		17.96		17.96		17.96		17.96
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		20.73		20.73		20.73		20.73		20.73
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		22.28		22.28		22.28		22.28		22.28
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		(24.24)		(24.24)		(24.24)		(24.24)		(24.24)
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		28.51		28.51		28.51		28.51		28.51
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		16.32		16.32		16.32		16.32		16.32
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		15.34		15.34		15.34		15.34		15.34
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		19.21		19.21		19.21		19.21		19.21
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		22.68		22.68		22.68		22.68		22.68
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		30.15		30.15		30.15		30.15		30.15
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		28.51		28.51		28.51		28.51		28.51
			6.31		6.42 (a)		6.31		6.42 (a)		6.31		6.42 (a)		18.24 (a)		18.24 (a)		18.24 (a)		18.24 (a)		18.24 (a)

(a) Including household types not shown in this table.

* Fewer than 10 households in the sample.

Figures in brackets are averages based on samples of more than 9 but fewer than 20 households; details of the number of households in each sub-group are shown in Table 5 of Appendix A.

TABLE 20
Household consumption of main foods by certain household composition groups within income groups: annual averages 1979
 (oz per person per week, except where otherwise stated)

	Food codes	Income group A												Income group B															
		Households (a) with						Households with						1 adult, 1 or more children				2 adults and 3 children				4 or more children				3 or more adults, 1 or more children			
		Adults only	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	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children	1 adult, 1 or more children	1 child	2 children	3 children	4 or more children						
MILK AND CREAM:																													
Liquid milk—full price	4	4-24	4-65	4-27	4-68	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12					
Liquid milk—full price	5, 6	—	0-05	0-14	0-17	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05					
welfare and school					(b)																								
					3-86	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28	4-12	4-28						
					0-25	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05	...	0-05					
Total liquid milk	4-6	4-24	4-70	4-40	4-85	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28	4-17	4-28						
Condensed milk	9	0-14	0-10	0-06	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06	0-05	0-06						
Dried and other milk	11-14	0-40	0-41	0-28	0-25	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34	0-21	0-34						
Cream	17	0-06	0-06	0-04	0-05	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06	0-04	0-06						
Total milk and cream	4-17	4-83	5-26	4-79	5-21	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85	4-47	4-85						
CHEESE:																													
Natural	22	5-67	4-46	3-60	5-74	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04	4-40	5-04						
Processed	23	0-14	0-46	0-21	0-19	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23	0-23						
Total cheese	22, 23	5-81	4-91	3-80	5-93	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27	4-63	5-27						
MEAT:																													
Beef and veal	31	11-01	7-06	7-34	5-96	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42	6-76	13-42						
Mutton and lamb	36	5-12	5-14	4-78	0-68	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29	2-48	6-29						
Pork	41	5-10	3-32	2-17	2-13	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17	3-04	5-17						
Total carcass meat	31-41	21-23	15-52	4-28	8-77	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87	11-58	24-87						
Bacon and ham, uncooked	55	5-89	5-74	3-32	3-15	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59	3-23	5-59						
Poultry, uncooked	73, 77	7-60	10-11	8-88	10-32	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23	6-02	9-23						
Other meat and meat products	46, 51, 78-88, 94	15-09	12-72	10-05	11-31	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19	11-47	14-19						
Total meat	31-94	49-81	44-09	36-53	33-55	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87	33-76	53-87						

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

Food codes	Income group A							Income group B						
	Households (a) with							Households with						
	Adults only	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	
FISH:														
Fresh	3-30	1-24	0-77	0-78	0-22	1-11	(b)	0-31	0-85	0-51	1-14	1-05		
Processed and shell	0-85	0-65	0-42	0-55	0-26	0-16	0-86	—	0-31	0-21	0-12	0-41		
Prepared, including fish products	1-61	1-04	0-93	1-57	1-33	1-38	1-90	1-85	1-54	0-76	1-16	1-23		
Frozen, including fish products	1-66	1-99	1-17	0-74	3-07	0-95	1-39	1-02	1-48	1-27	0-87	0-69		
Total fish	7-41	4-92	3-29	3-63	4-86	3-60	5-79	3-18	4-70	3-90	3-31	3-38		
EGGS	4-49	4-01	3-10	3-29	2-03	3-45	4-34	3-06	3-29	3-30	3-15	3-51		
(Eggs purchased)	4-31	3-89	3-00	3-01	2-03	3-24	4-25	3-06	3-21	3-13	3-08	3-39		
FATS:														
Butter	5-48	5-58	4-06	3-39	3-15	4-40	5-81	2-04	3-93	3-63	2-76	4-49		
Margarine	2-85	3-14	2-53	3-65	2-59	2-25	3-67	5-47	2-84	3-34	4-07	3-22		
Lard and compound cooking fat	1-63	1-51	1-17	0-77	1-08	0-96	1-81	1-25	1-59	1-43	1-78	1-43		
All other fats	1-32	1-18	1-38	2-61	0-23	0-76	1-45	0-35	0-93	1-14	0-86	0-97		
Total fats	11-28	11-41	9-14	10-41	7-05	8-37	12-75	9-12	9-30	9-54	8-78	10-10		
SUGAR AND PRESERVES:														
Sugar	10-51	7-90	8-26	7-90	5-95	7-76	10-68	14-02	8-72	9-28	10-63	11-61		
Honey, preserves, syrup and treacle	2-69	1-87	1-80	1-58	1-63	2-31	2-28	1-22	1-61	1-58	1-95	1-94		
Total sugar and preserves	13-19	9-76	10-05	9-48	7-57	10-08	12-96	15-24	10-33	10-87	12-59	13-55		
VEGETABLES:														
Potatoes	35-79	45-96	38-05	42-51	27-03	42-03	41-83	21-80	38-27	35-99	42-67	45-33		
Fresh green	16-30	13-08	11-16	9-57	5-03	8-71	14-18	7-61	10-74	8-36	8-03	9-19		
Other fresh	19-83	19-22	15-30	12-64	15-55	15-14	20-06	14-86	15-40	12-50	10-65	16-70		
Frozen, including vegetable products	6-63	8-49	4-16	8-22	4-75	5-70	6-66	3-21	5-35	3-97	3-36	4-13		
Other processed, including vegetable products	8-47	11-24	8-64	9-16	7-06	9-36	11-38	12-85	12-84	11-58	12-70	11-14		
Total vegetables	87-01	97-99	77-29	82-09	59-42	80-95	94-13	60-35	82-61	72-40	77-40	86-49		

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

	Food codes	Income group A										Income group B																	
		Households (a) with										Households with																	
		Adults only	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															
FRUIT:																													
Fresh	210-231	29.87	24.96	23.73	24.87	20.82	25.30	25.15	17.67	18.04	18.24	15.90	14.46	19.66	Other, including fruit products	233-248	11.43	11.53	9.97	7.99	7.74	9.27	9.20	9.18	6.06	6.17	5.24	3.24	5.72
Total fruit	210-248	41.30	36.49	33.70	32.86	28.56	34.57	34.35	26.85	24.10	24.41	21.14	17.70	25.38															
CERIALS:																													
Brown bread	255	5.61	3.40	3.12	2.96	2.78	3.34	5.08	3.69	3.78	2.46	2.33	0.96	3.07	White bread (standard loaves)	251-254	15.69	21.66	15.97	19.94	24.22	15.64	21.43	20.89	20.43	22.91	22.91	28.86	23.91
Wholewheat and wholemeal bread	256	2.43	1.85	1.22	0.13	1.14	1.42	1.98	0.27	0.90	1.20	0.68	—	0.76	Other bread	263	3.93	2.93	3.31	3.92	4.68	3.50	4.28	3.29	2.84	2.86	2.46	2.90	
Total bread	251-263	27.66	29.84	23.62	26.95	32.81	23.91	32.77	26.63	28.86	26.93	28.79	32.29	30.65	Flour	264	4.90	3.17	5.12	4.63	2.39	4.50	5.45	6.24	3.57	5.28	3.80	11.23	6.96
Cakes	267-270	4.06	4.67	3.71	3.21	2.56	3.66	4.91	5.33	3.59	3.61	3.06	2.05	3.25	Biscuits	271-277	4.45	4.97	5.28	5.99	5.62	4.57	5.39	3.45	5.63	6.12	5.60	4.86	5.14
Oatmeal and oat products	281	0.83	0.03	0.38	0.54	0.22	0.30	0.38	1.02	0.27	0.19	0.12	0.27	0.86	Breakfast cereals	282	2.77	4.73	4.03	5.02	4.91	3.17	3.21	1.96	3.20	3.86	4.74	4.04	3.30
Other cereals	285-301	4.84	5.33	4.35	4.47	5.40	5.12	6.18	6.54	6.04	5.10	5.69	5.00	4.75	Total cereals	251-301	49.50	52.74	46.50	50.81	53.90	45.24	58.28	51.78	51.17	51.10	51.80	59.75	54.90
BEVERAGES:																													
Tea	304	2.03	1.84	1.01	1.41	1.46	1.05	2.64	1.41	1.75	1.41	1.24	1.22	1.77	Coffee and drinking chocolate	307-309	0.99	0.68	0.85	0.61	0.64	0.59	0.82	1.00	0.59	0.55	0.47	0.41	0.50
Cocoa and drinking chocolate	312	0.17	0.08	0.09	0.04	—	0.10	0.09	0.18	0.17	0.06	0.21	0.16	0.10	Branded food drinks	313	0.09	0.15	0.10	0.04	—	0.09	0.33	0.31	0.16	0.14	0.10	0.08	0.12
Total beverages	304-313	3.29	2.75	2.04	2.09	2.09	1.82	3.88	2.90	2.66	2.16	2.01	1.87	2.49	EXPENDITURE—ALL FOODS		£8.04	£7.63	£6.03	£6.03	£5.82	£5.77	£8.15	£5.80	£6.25	£5.71	£5.27	£4.77	£5.76

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

Food codes	Income group C										Income groups D & E2									
	Households with										Households with									
	Adults only	1 adult, 1 or more children	2 children	2 adults and 1 child	3 children	4 or more children	3 or more adults, 1 or more children	Adults only	1 adult, 1 or more children	2 children	2 adults and 1 child	3 children	4 or more children	3 or more adults, 1 or more children						
MILK AND CREAM: Liquid milk—full price welfare and school (pt)	4.27	4.46	4.08	4.24	3.92	3.50	3.97	4.49	3.55	3.90	3.01	3.14	3.07							
	—	0.10	0.13	0.07	0.14	0.21	0.03	—	0.47	0.31	0.27	0.56	0.10							
Total liquid milk (pt)	4.27	4.56	4.22	4.32	4.06	3.70	3.99	4.49	4.02	4.22	3.28	3.71	3.17							
Condensed milk (eq pt)	0.16	0.15	0.13	0.11	0.08	0.08	0.14	0.15	0.18	0.04	0.09	0.02	0.20							
Dried and other milk (pt or eq pt)	0.19	0.23	0.23	0.34	0.29	0.22	0.18	0.29	0.29	0.34	0.14	0.23	0.16							
Cream (pt)	0.04	0.01	0.01	0.02	0.01	0.01	0.01	0.03	0.01	0.01	...	—	0.01							
Total milk and cream (pt or eq pt)	4.65	4.95	4.61	4.79	4.45	4.00	4.32	4.96	4.50	4.61	3.51	3.96	3.54							
CHEESE:																				
Natural	4.39	3.00	2.66	3.02	2.43	1.66	2.66	3.97	2.21	2.81	1.87	1.39	2.25							
Processed	0.27	0.60	0.23	0.23	0.24	0.23	0.22	0.21	0.19	0.22	0.26	0.07	0.26							
Total cheese	4.66	3.60	2.89	3.25	2.68	1.90	2.87	4.18	2.40	3.03	2.13	1.46	2.51							
MEAT:																				
Beef and veal	10.21	4.84	8.05	7.41	9.04	4.87	6.69	9.73	4.61	6.01	4.18	2.91	4.23							
Mutton and Lamb	4.94	1.59	4.23	3.86	3.72	2.09	2.95	6.53	2.54	1.39	2.27	0.79	2.64							
Pork	4.74	1.88	2.05	3.11	1.52	2.90	2.63	3.30	2.18	2.57	1.77	2.69	2.26							
Total carcass meat	19.88	8.31	14.34	14.39	14.28	9.86	12.27	19.56	9.33	9.97	8.22	6.39	9.12							
Bacon and ham, uncooked	5.62	2.09	3.43	3.70	2.96	2.88	4.22	5.56	2.95	3.10	3.69	2.21	4.48							
Poultry, uncooked	6.68	6.57	5.69	6.63	4.90	5.18	4.70	6.05	6.74	6.45	3.61	2.02	7.19							
Other meat and meat products	15.70	12.99	12.69	15.71	11.18	15.34	13.96	14.68	11.98	12.87	14.29	10.70	14.97							
Total meat	47.87	29.95	36.16	40.45	33.33	33.27	35.17	45.86	31.02	32.40	29.80	21.32	33.75							
FISH:																				
Fresh	1.94	0.53	1.01	0.73	0.62	0.66	0.80	2.21	0.52	0.46	0.64	0.33	0.76							
Processed and shell	0.60	0.26	0.29	0.24	0.18	0.11	0.28	0.84	0.17	0.19	0.12	0.36	0.17							
Prepared, including fish products	1.75	1.48	1.31	1.52	1.09	1.12	1.36	1.62	1.13	1.51	1.21	0.75	1.97							
Frozen, including fish products	1.25	0.67	1.09	1.61	1.47	0.96	0.96	0.51	1.09	1.22	0.80	0.51	0.72							
Total fish	5.54	2.95	3.68	4.10	3.35	2.85	3.39	6.17	2.91	3.40	2.77	1.96	3.62							

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									
		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:	129	4-50	3-00	3-69	3-59	3-04	3-33	3-66	4-74	3-47	4-69	4-00	3-60	3-29	4-50						
(Eggs purchased)		4-44	3-00	3-60	3-46	3-03	3-31	3-51	4-70	3-47	4-60	4-00	3-57	3-03	4-47						
FATS:	135	5-62	2-75	4-33	2-93	2-96	3-25	4-53	5-68	2-35	3-57	3-02	2-97	3-28	4-34						
Butter	138	3-97	2-91	3-13	3-32	3-46	4-51	3-36	4-28	3-62	3-64	3-89	3-57	3-86	4-00						
Margarine	139	2-28	1-23	1-84	2-01	1-99	1-69	2-06	2-48	2-02	2-75	2-38	2-40	1-07	1-68						
Lard and compound cooking fat	143, 148	1-23	1-63	1-00	0-72	0-34	1-23	0-82	1-72	0-84	0-55	0-51	0-47	0-70	0-70						
All other fats																					
Total fats	135-148	13-10	8-53	10-30	8-97	8-75	10-67	10-78	14-15	8-82	10-51	9-81	9-40	8-91	10-72						
SUGAR AND PRESERVES:	150	12-07	9-23	10-09	10-29	10-89	11-43	12-70	16-27	12-19	15-53	10-69	11-90	12-70	11-77						
Sugar	151-154	2-35	2-02	1-44	1-52	1-73	1-53	1-43	3-47	1-41	1-67	1-11	1-61	0-72	0-75						
Honey, preserves, syrup and treacle																					
Total sugar and preserves	150-154	14-42	11-25	11-54	11-80	12-61	12-96	14-13	19-74	13-60	17-21	11-81	13-51	13-42	12-51						
VEGETABLES:	156-161	46-56	29-29	42-41	44-04	52-89	54-72	55-77	49-03	46-75	37-76	50-45	54-17	32-82	50-28						
Potatoes	162-171	14-14	10-49	8-34	7-64	7-40	5-24	7-42	14-20	6-24	9-37	6-77	5-14	3-92	7-47						
Fresh green	172-183	18-78	11-47	14-06	11-36	10-38	9-87	12-05	19-19	11-91	13-76	11-29	8-65	7-11	11-15						
Other fresh	203-208	4-51	4-68	3-24	2-79	2-76	1-74	4-27	3-74	1-35	3-21	0-89	1-84	0-45	2-02						
Frozen, including vegetable products																					
Other processed, including vegetable products	184-202	13-27	14-15	15-93	13-57	12-90	14-54	12-62	11-44	16-01	16-37	17-53	14-60	12-83	15-40						
Total vegetables	156-208	97-24	70-08	84-00	79-42	86-33	86-10	92-13	97-60	82-24	80-49	86-93	84-42	57-13	86-33						
FRUIT:	210-231	21-45	15-46	13-56	13-73	12-03	12-55	13-09	23-04	13-03	12-98	10-60	10-26	9-35	11-04						
Fresh	233-248	6-50	7-86	5-71	4-16	3-18	2-51	3-74	6-78	3-91	5-77	2-58	1-74	3-28	2-35						
Other, including fruit products																					
Total fruit	210-248	27-95	23-32	19-27	17-89	15-21	15-06	16-83	29-82	16-94	18-75	13-18	12-00	12-63	13-39						

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

Food codes	Income group C										Income groups D & E2					
	Households with						Households with				Households with			Households with		
	Adults only	1 adult, 1 or more children	1 child	2 children	2 adults and 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:																
Brown bread	5.12	2.89	2.98	2.17	2.17	1.89	2.38	2.78	1.78	1.28	1.73	0.14	2.77			
White bread (standard loaves)	24.72	26.25	25.01	24.49	25.76	30.76	30.76	26.17	27.32	31.95	30.66	36.95	32.71			
Whole wheat and wholemeal bread	1.51	1.54	0.60	0.50	0.25	0.76	0.21	0.35	1.03	0.11	0.40	—	0.11			
Other bread	4.19	1.97	3.70	2.89	2.42	1.32	2.72	1.81	3.47	2.14	2.16	1.12	2.22			
Total bread	35.54	32.66	32.29	30.03	30.60	34.72	36.07	31.10	33.60	35.48	34.96	38.22	37.80			
Flour	6.49	2.82	4.43	3.70	3.65	3.44	5.38	3.61	3.99	2.88	2.19	14.75	4.45			
Cakes	4.60	3.71	3.81	3.85	3.77	1.76	3.19	3.56	3.82	3.59	3.86	2.10	3.50			
Biscuits	5.52	6.29	5.99	5.70	5.67	5.42	4.64	6.11	4.74	5.83	5.31	3.79	4.03			
Oatmeal and oat products	0.41	0.93	0.21	0.23	0.13	1.06	0.49	0.63	0.41	0.27	0.21	0.43	0.36			
Breakfast cereals	2.60	3.94	3.45	4.14	4.18	4.32	2.34	2.96	1.97	3.41	2.62	3.70	2.42			
Other cereals	4.90	5.86	6.04	5.74	4.73	5.40	4.05	4.21	5.25	4.64	3.57	4.28	4.03			
Total cereals	60.05	56.20	56.22	53.40	52.72	56.13	56.16	54.81	53.77	56.10	52.72	67.28	56.58			
BEVERAGES:																
Tea	2.79	1.32	1.94	1.49	1.44	1.58	2.15	1.80	1.98	1.75	1.49	1.28	1.36			
Coffee	0.78	0.79	0.66	0.45	0.47	0.33	0.40	0.46	0.52	0.38	0.32	0.37	0.56			
Cocoa and drinking chocolate	0.21	0.42	0.15	0.10	0.02	0.25	0.14	0.14	0.17	0.14	0.06	—	0.08			
Branded food drinks	0.16	0.07	0.11	0.08	0.14	0.15	0.19	0.17	0.16	0.32	0.41	0.08	0.06			
Total beverages	3.94	2.60	2.86	2.12	2.08	2.32	2.88	2.57	2.82	2.59	2.28	1.73	2.07			
EXPENDITURE—ALL FOODS.	£7.45	£5.72	£6.21	£5.48	£5.13	£4.82	£5.45	£7.51	£5.99	£5.18	£4.46	£3.75	£5.22			

(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 a sample 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, 1979

	Age of housewife								All households
	Under 25	25-34	35-44	45-54	55-64	65-74	75 and over		
	£ (per person per week)								
(i) <i>Expenditure and value of garden and allotment produce, etc.</i>									
Expenditure on:									
Seasonal foods	0.75	0.82	0.89	1.05	1.28	1.17	1.07	0.97	
Convenience foods									
Canned	0.46	0.37	0.35	0.39	0.41	0.36	0.36	0.38	
Frozen	0.26	0.21	0.20	0.24	0.22	0.16	0.14	0.21	
Other convenience foods	1.04	1.02	1.05	1.11	1.12	0.98	0.96	1.05	
Total convenience foods	1.77	1.60	1.60	1.73	1.75	1.49	1.46	1.64	
All other foods	3.07	3.17	3.53	4.25	4.95	4.53	4.25	3.82	
Total expenditure	5.59	5.60	6.02	7.03	7.98	7.19	6.77	6.42	
Value of garden and allotment produce, etc.	0.07	0.12	0.13	0.14	0.14	0.15	0.12	0.13	
Value of consumption	5.66	5.72	6.15	7.17	8.12	7.34	6.89	6.55	
(ii) <i>Comparative indices (a) of expenditure, prices and purchases (all foods)</i>									
Expenditure	87.0	87.2	93.8	109.5	124.3	111.9	105.5	100	
Value of consumption	86.3	87.3	93.9	109.5	123.9	111.9	105.2	100	
Prices	101.9	99.7	98.8	100.1	100.6	100.9	102.1	100	
Index of value of consumption deflated by index of food prices	84.6	87.6	95.0	109.4	123.2	110.8	103.0	100	
Food purchases	85.2	87.6	94.7	109.4	123.3	111.1	103.7	100	
"Price of energy"	100.9	99.7	97.6	100.5	103.9	98.7	98.1	100	

(a) See Glossary.

TABLE 22
Household food consumption according to age of housewife: main food groups, annual averages, 1979
 (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		
MILK AND CREAM:										
Liquid milk—full price welfare and school	(pt) (pt) 4 5, 6	3.78 0.17	3.94 0.17	4.17 0.05	4.45 0.01	4.50 ...	4.71 ...	4.66 —	4.23 0.07	
Total liquid milk	(pt) (pt) 4-6	3.96	4.12	4.23	4.46	4.57	4.77	4.66	4.31	
Condensed milk	(pt) (teq pt) 9	0.07	0.09	0.11	0.13	0.22	0.16	0.16	0.13	
Dried and other milk	(pt or eq pt) (pt) 11-14	0.51	0.28	0.19	0.22	0.35	0.22	0.27	0.28	
Cream	(pt) (pt or eq pt) 17	0.02	0.02	0.03	0.03	0.04	0.03	0.03	0.03	
Total milk and cream	(pt or eq pt) 4-17	4.56	4.53	4.56	4.84	5.12	5.12	5.12	4.74	
CHEESE:										
Natural	(pt) (pt) 22	2.91	3.23	3.41	3.89	4.67	3.93	3.33	3.61	
Processed	(pt) (pt) 23	0.27	0.23	0.25	0.21	0.26	0.17	0.21	0.23	
Total cheese	(pt) (pt) 22, 23	3.18	3.46	3.65	4.09	4.93	4.11	3.54	3.84	
MEAT:										
Beef and veal	(pt) (pt) 31	5.44	6.97	7.57	9.47	11.68	9.08	8.08	8.27	
Mutton and lamb	(pt) (pt) 36	2.48	3.39	3.31	4.77	6.92	5.72	5.12	4.28	
Pork	(pt) (pt) 41	2.86	2.88	3.53	3.99	5.17	3.75	3.79	3.63	
Total carcass meat	(pt) (pt) 31-41	10.78	13.25	14.42	18.23	23.77	18.55	17.00	16.18	
Bacon and ham, uncooked	(pt) (pt) 55	2.21	3.22	4.08	5.09	6.15	5.44	4.59	4.35	
Poultry, uncooked	(pt) (pt) 73, 77	5.85	5.80	7.12	7.08	7.26	6.51	5.11	6.55	
Other meat and meat products	(pt) (pt) 46-51 58-71 78-88, 94	14.54	11.94	12.45	14.67	14.91	13.23	11.83	13.20	
Total meat	(pt) (pt) 31-94	34.37	34.21	38.08	45.07	52.09	43.74	38.53	40.27	
FISH:										
Fresh	(pt) (pt) 100, 105 111-113	0.45	0.86	1.00	1.31	2.82	2.38	2.13	1.36	
Processed and shell	(pt) (pt) 114-117	0.26	0.33	0.37	0.57	0.79	0.59	0.73	0.48	
Prepared, including fish products	(pt) (pt) 118-123	1.39	1.21	1.48	1.66	1.64	1.30	1.40	1.44	
Frozen, including fish products	(pt) (pt) 110, 127	1.26	1.40	1.02	1.19	1.32	1.31	1.40	1.26	
Total fish	(pt) (pt) 100-127	3.35	3.81	3.87	4.74	6.58	5.59	5.67	4.51	
EGGS (Eggs purchased)	(no) (no) 129	3.34 3.27	3.33 3.24	3.66 3.53	4.13 4.02	4.90 4.85	4.57 4.50	4.19 4.15	3.88 3.78	

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

	Food codes	Age of housewife						75 and over	All households
		Under 25	25-34	35-44	45-54	55-64	65-74		
FATS:									
Butter	135	3.33	3.42	3.97	5.44	5.79	5.49	5.70	4.45
Margarine	138	2.81	3.14	3.50	3.68	4.56	4.52	4.23	3.63
Lard and compound cooking fat	139	1.79	1.57	1.66	2.10	2.32	2.36	1.66	1.86
All other fats	143, 148	0.70	1.00	1.08	1.19	1.36	1.27	1.13	1.11
Total fats	135-148	8.64	9.13	10.21	12.41	14.04	13.64	12.73	11.04
SUGAR AND PRESERVES:									
Sugar	150	8.41	8.62	10.81	12.72	14.60	16.19	17.73	11.55
Honey, preserves, syrup and treacle	151-154	1.04	1.47	1.95	2.13	3.01	4.03	3.92	2.17
Total sugar and preserves	150-154	9.45	10.07	12.77	14.85	17.62	20.22	21.66	13.71
VEGETABLES:									
Potatoes	156-161	43.10	38.96	42.36	49.34	49.14	44.11	41.68	43.59
Fresh green	162-171	6.27	8.09	9.60	12.05	16.23	15.87	13.64	10.88
Other fresh	172-183	11.07	13.55	14.63	16.63	19.78	19.06	15.13	15.48
Frozen, including vegetable products	203-208	3.96	3.58	3.87	5.40	5.16	2.99	2.42	4.12
Other processed, including vegetable products	184-202	16.30	13.31	11.53	12.40	10.41	8.46	6.60	11.92
Total vegetables	156-208	80.69	17.48	81.99	95.81	100.72	90.48	79.47	85.99
FRUIT:									
Fresh	210-231	11.31	16.24	19.53	21.36	24.43	25.02	24.52	19.62
Other, including fruit products	233-248	4.89	5.96	6.16	7.10	7.48	6.74	5.97	6.38
Total fruit	210-248	16.20	22.20	25.69	28.46	31.91	31.76	30.49	26.00
CEREALS:									
Brown bread	255	2.53	2.61	3.10	4.15	5.72	5.63	5.61	3.74
White bread (standard loaves)	251-254	22.97	20.73	24.60	26.62	23.11	21.10	18.90	23.10
Wholewheat and wholemeal bread	256	0.53	0.88	1.04	1.32	1.62	1.45	1.28	1.12
Other bread	263	2.62	2.69	3.34	3.57	4.40	4.78	3.90	3.43
Total bread	251-263	28.65	26.92	32.08	35.65	34.87	32.94	29.70	31.38
Flour	264	2.97	4.24	4.73	6.62	8.49	8.68	8.84	5.75
Cakes	267, 270	3.07	3.25	3.67	4.56	5.18	4.80	5.06	4.01
Biscuits	271-277	4.92	5.51	5.61	5.42	5.63	5.85	5.85	5.54
Oatmeal and oat products	281	0.15	0.26	0.37	0.56	0.60	0.93	0.87	0.45
Breakfast cereals	282	3.06	3.77	3.72	2.97	3.05	2.87	2.93	3.38
Other cereals	285-301	6.58	5.33	5.33	4.77	5.31	5.47	5.23	5.32
Total cereals	251-301	49.37	49.28	55.50	60.55	63.12	61.54	58.48	55.81
BEVERAGES:									
Tea	304	1.54	1.40	1.61	2.54	3.24	3.17	3.37	2.11
Coffee	307-309	0.47	0.54	0.64	0.67	0.74	0.67	0.63	0.62
Cocoa and drinking chocolate	312	0.00	0.07	0.16	0.15	0.17	0.10	0.19	0.13
Branded food drinks	313	0.08	0.14	0.12	0.23	0.35	0.31	0.54	0.20
Total beverages	304-313	2.18	2.14	2.54	3.58	4.52	4.24	4.74	3.06

TABLE 23
Household food expenditure according to age of housewife: main food groups, annual averages, 1979
(pence per person per week)

	Food codes	Age of housewife								All households
		Under 25	25-34	35-44	45-54	55-64	65-74	75 and over		
MILK AND CREAM:										
Liquid milk—full price	4	54.40	56.10	59.48	62.69	64.95	68.51	67.49	60.47	
welfare and school	5, 6	0.04	0.06	0.03	0.01	—	—	—	0.03	
Total liquid milk	4-6	54.44	56.16	59.51	62.70	64.95	68.51	67.49	60.50	
Condensed milk	9	0.97	1.29	1.51	1.68	3.07	2.20	2.28	1.72	
Dried and other milk	11-14	9.95	6.47	4.40	4.81	6.03	3.97	4.24	5.58	
Cream	17	2.51	2.54	3.03	3.62	4.24	3.43	2.82	3.13	
Total milk and cream	4-17	67.86	66.46	68.45	72.81	78.28	78.11	76.83	70.94	
CHEESE:										
Natural	22	15.06	16.88	17.39	20.29	24.29	20.67	17.74	18.77	
Processed	23	1.67	1.39	1.46	1.30	1.48	1.06	1.40	1.39	
Total cheese	22, 23	16.73	18.27	18.86	21.58	25.77	21.73	19.14	20.16	
MEAT:										
Beef and veal	31	37.38	45.62	49.57	65.04	80.81	62.45	57.58	55.76	
Mutton and lamb	36	13.23	17.44	17.62	25.23	36.85	32.89	28.45	22.78	
Pork	41	16.13	15.02	17.37	21.59	27.06	20.23	20.63	19.01	
Total carcass meat	31-41	66.74	78.07	84.57	111.86	144.72	115.57	106.66	97.55	
Bacon and ham, uncooked	55	18.86	18.23	22.94	29.39	35.44	30.57	26.17	24.78	
Poultry, uncooked	73, 77	19.95	19.27	23.96	24.73	25.67	24.27	18.92	22.55	
Other meat and meat products	46-51 58-71 78-88, 94	67.48	54.76	57.06	68.33	69.77	62.35	57.23	61.14	
Total meat	31-94	173.06	170.34	188.52	234.29	275.61	232.76	209.00	206.00	

TABLE 25—continued

(pence per person per week)

	Food codes	Age of housewife							All households
		Under 25	25-34	35-44	45-54	55-64	65-74	75 and over	
FISH:									
Fresh	100, 105 } 111-113 }	2-29	4-54	5-48	7-75	14-48	13-36	12-34	7-38
Processed and shell Prepared, including fish products	114-117 }	2-09	2-30	2-90	3-90	5-37	3-68	5-06	3-30
Frozen, including fish products	118-123 }	9-61	8-10	9-57	11-62	11-50	8-73	9-75	9-69
	110, 127 }	7-52	7-91	5-66	7-19	8-18	7-83	9-29	7-34
Total fish	100-127	21-48	22-85	23-60	30-46	39-53	33-60	36-43	27-68
EGGS	129	15-17	14-89	16-40	18-89	23-27	21-81	20-19	17-75
FATS:									
Butter	135	13-67	14-09	16-44	22-40	24-20	23-33	23-99	18-46
Margarine	138	5-81	6-20	6-94	7-62	9-81	9-60	9-07	7-43
Lard and compound cooking fat	139	2-74	2-38	2-57	3-32	3-70	3-85	2-55	2-90
All other fats	143, 148	1-78	2-42	2-66	2-86	3-72	3-16	2-83	2-75
Total fats	135-148	23-99	25-08	28-61	36-21	41-43	39-94	38-44	31-54
SUGAR AND PRESERVES:									
Sugar	150	7-67	7-84	9-93	11-54	13-46	15-20	16-48	10-60
Honey, preserves, syrup and treacle	151-154	2-17	3-02	4-01	4-54	6-38	8-28	8-29	4-50
Total sugar and preserves	150-154	9-84	10-87	13-94	16-08	19-83	23-47	24-77	15-09
VEGETABLES:									
Potatoes	156-161	17-36	15-39	15-32	17-72	18-99	16-53	14-85	16-42
Fresh green	162-171	6-33	7-88	7-92	10-82	13-81	13-42	11-04	9-62
Other fresh	172-183	16-11	17-72	17-73	20-39	22-85	20-14	15-77	18-85
Frozen, including vegetable products	203-208	8-76	7-01	7-45	10-28	10-34	6-59	6-05	8-18
Other processed, including vegetable products	184-202	27-70	22-28	20-55	20-53	17-25	14-10	11-75	20-25
Total vegetables	156-208	76-28	70-26	68-99	79-72	83-24	70-77	59-47	73-29
FRUIT:									
Fresh	210-231	15-35	19-63	23-57	25-36	29-40	27-69	27-26	23-43
Other, including fruit products	233-248	10-08	12-70	12-79	15-21	16-76	14-94	12-94	13-67
Total fruit	210-248	25-43	32-33	36-36	40-57	46-16	42-63	40-20	37-10

TABLE 23—continued
(pence per person per week)

	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	3.14	3.33	3.90	5.40	7.70	7.65	7.81	4.88
White bread (standard loaves)	251-254	24.43	21.87	25.97	29.09	26.06	24.55	22.94	25.06
Wholewheat and wholemeal bread	256	0.72	1.17	1.40	1.80	2.21	1.98	1.90	1.52
Other bread	263	5.21	5.38	6.78	7.08	8.67	8.94	7.56	6.80
<i>Total bread</i>	251-263	33.50	31.75	38.05	43.36	44.64	43.14	40.21	38.25
Flour	264	1.97	2.70	2.88	4.20	5.52	5.78	5.97	3.68
Cakes	267, 270	11.05	11.72	13.01	16.73	18.93	16.40	18.29	14.41
Biscuits	271-277	16.37	17.91	18.56	17.88	17.37	17.34	17.32	17.82
Oatmeal and oat products	281	0.22	0.35	0.53	0.73	0.86	1.35	1.35	0.63
Breakfast cereals	282	7.36	9.14	8.85	7.27	7.47	6.99	7.63	8.19
Other cereals	285-301	16.68	13.47	12.59	11.39	11.70	10.18	8.81	12.43
<i>Total cereals</i>	251-301	87.15	87.04	94.48	101.57	106.48	101.19	99.57	95.39
BEVERAGES:									
Tea	304	9.37	8.25	9.59	15.01	18.86	18.68	19.52	12.44
Coffee	307-309	9.29	10.55	12.75	12.81	14.89	12.09	12.26	12.06
Cocoa and drinking chocolate	312	0.58	0.43	1.02	0.94	1.14	0.67	1.28	0.80
Branded food drinks	313	0.38	0.61	0.52	0.97	1.54	1.48	2.38	0.90
<i>Total beverages</i>	304-313	19.63	19.85	23.88	29.72	36.24	32.92	35.44	26.20
MISCELLANEOUS:									
Soups, canned, dehydrated and powdered	318, 319	5.89	4.71	4.67	4.56	4.96	5.43	5.98	4.88
Other foods	315	16.02	16.94	15.61	16.82	17.21	14.33	11.77	16.20
<i>Total miscellaneous</i>	315-339	21.92	21.64	20.29	21.37	22.18	19.76	17.75	21.06
TOTAL EXPENDITURE		£5.59	£5.60	£6.02	£7.03	£7.98	£7.19	£6.77	£6.42

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

TABLE 24
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, 1979

	Type of dwelling										All households
	Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage					
	Council	Other rented					£	£	£	£	
(i) <i>Expenditure and value of garden and allotment produce, etc.</i>	£	£	£	£	£	£	£	£	£	£	£
Expenditure on:											
Seasonal foods	0.93	1.00	0.91	0.85	1.13	0.92					0.97
Convenience foods											
Canned	0.41	0.37	0.41	0.34	0.36	0.37					0.38
Frozen	0.20	0.19	0.13	0.23	0.19	0.24					0.21
Other convenience foods	1.03	1.09	0.84	0.80	1.05	1.07					1.05
<i>Total convenience foods</i>	1.64	1.66	1.38	1.37	1.60	1.67					1.64
All other foods	3.73	3.86	3.34	3.64	4.47	3.58					3.82
<i>Total expenditure</i>	6.29	6.51	5.64	5.86	7.21	6.16					6.42
Value of garden and allotment produce, etc.	0.08	0.19	0.06	0.20	0.20	0.12					0.13
Value of consumption	6.37	6.70	5.70	6.06	7.41	6.28					6.55
(ii) <i>Comparative indices (a) of expenditure, prices and purchases (all foods)</i>	(all households = 100)										
Expenditure	98.0	101.4	87.8	91.2	112.2	96.0					100
Value of consumption	97.3	102.2	87.0	92.4	113.0	95.8					100
Prices	99.4	101.4	103.8	100.7	100.8	99.8					100
Index of value of consumption deflated by index of food prices	97.9	100.8	83.8	91.8	112.1	96.0					100
Food purchases	98.7	99.8	84.1	89.2	111.4	96.2					100
"Price of energy"	94.9	102.0	105.0	95.2	104.1	101.6					100

(a) See Glossary.

TABLE 25
Household food consumption according to housing tenure: main food groups, annual averages, 1979
 (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					
MILK AND CREAM:								
Liquid milk—full price	4	3.93	4.32	3.73	4.78	4.65	4.23	
welfare and school	5, 6	0.10	0.05	0.11	0.09	0.03	0.07	
Total liquid milk	4-6	4.03	4.37	3.83	4.87	4.68	4.31	
Condensed milk	9	0.14	0.12	0.13	0.10	0.14	0.13	
Dried and other milk	11-14	0.26	0.22	0.31	0.18	0.29	0.28	
Cream	17	0.01	0.03	0.02	0.05	0.04	0.03	
Total milk and cream	4-17	4.45	4.74	4.27	5.19	5.16	4.74	
CHEESE:								
Natural	22	3.00	3.75	4.06	3.65	4.29	3.61	
Processed	23	0.23	0.19	0.35	0.20	0.22	0.23	
Total cheese	22, 23	3.24	3.93	4.41	3.85	4.51	3.84	
MEAT:								
Beef and veal	31	8.02	8.27	7.60	6.31	10.39	8.27	
Mutton and lamb	36	4.30	3.74	3.70	2.87	5.71	4.28	
Pork	41	3.56	3.67	2.40	2.94	4.26	3.63	
Total carcass meat	31-41	15.88	15.68	13.70	12.13	20.36	16.18	
Bacon and ham, uncooked	55	4.36	4.39	2.82	4.25	5.32	4.35	
Poultry, uncooked	73, 77	6.10	6.17	5.40	4.46	7.00	6.55	
Other meat and meat products	46-51, 58-71, 78-88, 94	14.86	14.03	11.59	13.10	12.40	13.20	
Total meat	31-94	41.21	40.27	33.49	33.95	45.08	40.27	
FISH:								
Fresh	100, 105, 111-113	1.25	1.50	0.89	1.34	2.21	1.36	
Processed and shell	114-117	0.46	0.55	0.22	0.37	0.61	0.48	
Prepared, including fish products	118-123	1.53	1.60	0.50	0.93	1.37	1.44	
Frozen, including fish products	110, 127	1.18	1.26	0.78	1.14	1.19	1.26	
Total fish	100-127	4.43	4.93	2.39	3.79	5.38	4.51	
EGGS								
(Eggs purchased)	129	4.05	4.01	3.64	4.44	4.19	3.88	
		4.02	3.76	3.74	4.15	4.04	3.55	

(% 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					
FATS:								
Butter	135	4-32	5-00	3-63	4-71	5-24	4-07	4-45
Margarine	138	3-74	3-42	2-38	3-56	4-04	3-41	3-63
Lard and compound cooking fat	139	2-41	1-91	1-22	1-69	1-77	1-48	1-86
All other fats	143, 148	0-97	0-95	1-97	0-90	1-36	1-10	1-11
Total fats	135-148	11-44	11-28	9-20	10-87	12-41	10-06	11-04
SUGAR AND PRESERVES:								
Sugar	150	13-11	11-97	8-02	12-01	13-16	9-54	11-55
Honey, preserves, syrup and treacle	151-154	1-79	2-46	1-20	2-49	3-16	1-92	2-17
Total sugar and preserves	150-154	14-90	14-44	9-22	14-49	16-31	11-46	13-71
VEGETABLES:								
Potatoes	156-161	53-22	44-33	35-15	38-28	38-72	38-42	43-59
Fresh green	162-171	9-82	12-09	6-49	8-54	14-92	9-71	10-88
Other fresh	172-183	13-56	15-25	19-31	14-15	18-94	15-35	15-48
Frozen, including vegetable products	203-208	3-26	3-55	2-26	4-48	4-10	4-89	4-12
Other processed, including vegetable products	184-202	14-62	11-95	12-30	10-70	8-75	11-37	11-92
Total vegetables	156-208	94-48	87-18	75-49	76-14	85-43	79-73	85-99
FRUIT:								
Fresh	210-231	14-27	19-52	13-00	17-18	26-86	20-55	19-62
Other, including fruit products	233-248	4-15	5-97	7-21	6-33	7-90	7-48	6-38
Total fruit	210-248	18-42	25-49	20-21	23-51	34-76	28-03	26-00
CEREALS:								
Brown bread	255	3-10	3-43	4-13	4-57	5-03	3-68	3-74
White bread (standard loaves)	251-254	29-92	23-52	15-88	24-28	20-05	19-23	23-10
Wholewheat and wholemeal bread	256	0-50	1-12	2-17	0-98	1-67	1-33	1-12
Other bread	263	3-42	3-53	3-49	2-88	3-81	3-24	3-43
Total bread	251-263	36-94	31-60	25-66	32-71	30-56	27-48	31-38
Flour	264	4-94	5-28	3-66	4-31	7-92	5-52	5-75
Cakes	267-270	4-00	4-19	2-16	2-17	4-53	3-83	4-01
Biscuits	271-277	5-48	5-57	4-17	4-85	5-76	5-53	5-54
Oatmeal and oat products	281	0-40	0-23	0-22	1-24	0-74	0-38	0-45
Breakfast cereals	282	2-91	2-83	2-91	3-21	3-49	3-80	3-38
Other cereals	285-301	5-26	5-22	6-90	5-16	5-13	5-42	5-32
Total cereals	251-301	59-91	54-93	45-67	53-64	58-10	51-95	55-81
BEVERAGES:								
Tea	304	2-51	2-40	1-44	2-40	2-45	1-58	2-11
Coffee	307-309	0-50	0-65	0-70	0-55	0-78	0-63	0-62
Cocoa and drinking chocolate	312	0-15	0-08	0-10	0-46	0-13	0-11	0-13
Branded food drinks	313	0-21	0-17	0-09	0-04	0-30	0-16	0-20
Total beverages	304-313	3-37	3-31	2-33	3-46	3-66	2-48	3-06

TABLE 26
Household food expenditure according to housing tenure: main food groups, annual averages, 1979
(pence per person per week)

	Food codes	Type of dwelling				All households	
		Unfurnished		Rent free	Owned outright		Owned with mortgage
		Council	Other rented				
MILK AND CREAM:							
Liquid milk—full price	4	56.94	59.02	63.14	66.11	60.89	
welfare and school.	5, 6	0.03	0.01	—	0.02	0.04	
Total liquid milk							
Condensed milk	4-6	56.97	59.03	63.14	66.12	60.93	
Dried and other milk	9	1.84	1.58	1.51	2.02	1.51	
Cream	11-14	4.84	4.63	3.07	5.49	4.46	
	17	1.39	3.25	4.79	4.74	3.13	
Total milk and cream	4-17	65.04	68.48	72.35	78.38	70.94	
CHEESE:							
Natural	22	15.48	19.62	18.51	22.56	19.37	
Processed	23	1.35	1.18	1.31	1.30	1.48	
Total cheese	22, 23	16.83	20.80	19.82	23.86	20.85	
MEAT:							
Beef and veal	31	53.89	56.58	42.67	70.53	50.21	
Mutton and lamb	36	22.05	20.52	16.05	32.10	19.57	
Pork	41	18.71	19.73	17.21	21.98	17.90	
Total carcase meat	31-41	94.66	96.84	75.93	124.61	87.67	
Bacon and ham, uncooked	55	24.51	25.89	24.56	29.85	22.62	
Poultry, uncooked	73-77	21.05	20.26	16.49	25.04	23.05	
Other meat and meat products	46-51, 58-71, 78-88, 94	66.97	66.75	56.46	59.07	56.91	
Total meat	31-94	207.18	209.74	173.41	238.56	190.27	
FISH:							
Fresh	100-105	6.94	8.73	6.68	11.50	5.55	
Processed and shell	111-113	2.95	4.03	1.88	4.06	3.12	
Prepared, including fish products	114-117	10.56	10.40	5.56	9.49	9.20	
Frozen, including fish products	118-123	6.94	8.17	6.51	7.15	7.64	
Total fish	100-127	27.40	31.32	20.62	32.21	25.51	

Tables

(pence per person per week)

	Food codes	Unfurnished				Type of dwelling			All households
		Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage		
		Council	Other rented						
EGGS	129	18-91	17-75	16-99	19-54	19-28	16-10	17-75	
FATS:									
Butter	135	17-99	20-70	14-80	19-84	22-00	16-76	18-46	
Margarine	138	7-51	6-84	5-14	6-85	8-64	6-97	7-43	
Lard and compound cooking fat	139	3-78	3-03	1-90	2-70	2-81	2-27	2-90	
All other fats	143, 148	2-45	2-30	4-70	2-07	3-64	2-61	2-75	
Total fats	135-148	31-72	32-86	26-55	31-47	37-09	28-60	31-54	
SUGAR AND PRESERVES:									
Sugar	150	11-78	11-14	7-87	11-13	12-38	8-75	10-60	
Honey, preserves, syrup and treacle	151-154	3-67	5-10	3-19	5-73	6-60	4-00	4-50	
Total sugar and preserves	150-154	15-46	16-23	11-06	16-84	18-99	12-75	15-09	
VEGETABLES:									
Potatoes	156-161	21-15	16-30	12-66	11-07	13-93	14-12	16-42	
Fresh green	162-171	9-10	10-35	7-31	7-61	12-05	8-85	9-62	
Other fresh	172-183	16-44	18-99	30-80	18-46	21-57	19-22	18-85	
Frozen, including vegetable products	203-208	6-65	7-81	6-13	8-17	8-46	9-26	8-18	
Other processed, including vegetable products	184-202	23-23	19-88	19-23	17-44	15-70	20-22	20-25	
Total vegetables	156-208	76-57	73-33	76-12	62-74	71-71	71-69	73-29	
FRUIT:									
Fresh	210-231	17-38	23-65	17-86	19-69	31-05	24-67	23-43	
Other, including fruit products	233-248	9-04	13-19	14-60	11-88	17-09	15-82	13-67	
Total fruit	210-248	26-42	36-84	32-46	31-57	48-14	40-49	37-10	
CEREALS:									
Brown bread	255	4-05	4-67	5-43	6-12	6-78	4-66	4-88	
White bread (standard loaves)	251-254	32-15	26-39	17-79	25-98	22-58	20-53	25-06	
Wholewheat and wholemeal bread	256	0-66	1-48	2-83	1-41	2-27	1-82	1-52	
Other bread	263	6-88	7-30	7-25	6-13	7-20	6-45	6-80	
Total bread	251-263	43-74	39-84	33-30	39-65	38-82	33-46	38-25	

TABLE 26—continued
(pence per person per week)

	Food codes	Unfurnished				Type of dwelling				All households
		Council		Other rented		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
CEREALS—continued										
Flour	264	3.22	3.49	2.30	2.70	5.34	3.34	3.68		
Cakes	267, 270	14.05	15.11	8.08	7.68	16.35	13.96	14.41		
Biscuits	271-277	17.11	17.65	13.24	15.70	18.35	18.32	17.82		
Oatmeal and oat products	281	0.58	0.31	0.24	1.59	1.07	0.50	0.63		
Breakfast cereals	282	7.13	7.03	7.33	7.37	8.52	9.08	8.19		
Other cereals	285-301	11.56	12.46	14.18	12.50	11.17	13.65	12.43		
Total cereals.	251-301	97.38	95.88	78.69	87.19	99.62	92.31	95.39		
BEVERAGES:										
Tea	304	14.97	14.33	8.69	13.36	14.45	9.20	12.44		
Coffee and drinking chocolate	307-309	9.73	12.53	12.87	11.77	14.86	12.51	12.06		
Cocoa and drinking chocolate	312	0.90	0.60	0.49	3.32	0.82	0.69	0.80		
Branded food drinks	313	0.94	0.83	0.31	0.25	1.33	0.69	0.90		
Total beverages	304-313	26.54	28.29	22.36	28.71	31.47	23.11	26.20		
MISCELLANEOUS:										
Soups, canned, dehydrated and powdered	318, 319	5.45	4.63	7.54	5.19	4.82	4.42	4.88		
Other foods	315 } 320-319 }	14.48	15.04	13.42	16.05	16.46	17.67	16.20		
Total miscellaneous	315-319	19.94	19.69	20.95	21.23	21.29	22.09	21.06		
TOTAL EXPENDITURE		£6.29	£6.51	£5.64	£5.86	£7.21	£6.16	£6.42		

Special Analyses

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, 1979

	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 food:	0.96	0.97	0.97
Convenience foods			
Canned	0.34	0.41	0.38
Frozen	0.26	0.17	0.21
Other convenience foods	1.03	1.06	1.05
<i>Total convenience foods</i>	<i>1.64</i>	<i>1.64</i>	<i>1.64</i>
All other foods	3.83	3.80	3.82
<i>Total expenditure</i>	<i>6.43</i>	<i>6.41</i>	<i>6.42</i>
Value of garden allotment produce, etc.	0.17	0.09	0.13
Value of consumption	6.60	6.50	6.55
(ii) <i>Comparative indices (a) of expenditure, prices and purchases (all foods)</i>	(all households = 100)		
Expenditure	100.2	99.9	100
Value of consumption	100.8	99.2	100
Prices	98.5	101.6	100
Index of value of consumption deflated by			
index of food prices	102.3	97.7	100
Food purchases	101.8	98.2	100
"Price of energy"	102.4	97.8	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, 1979*
 (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
MILK AND CREAM:						
Liquid milk—full price	4 (pt)	4.29	4.18	4.23	4.29	4.23
welfare and school	5, 6 (pt)	0.07	0.08	0.07	0.07	0.08
<i>Total liquid milk</i>	4-6 (pt)	4.35	4.27	4.31	4.36	4.31
Condensed milk	9 (eq pt)	0.13	0.13	0.13	0.13	0.13
Dried and other milk	11-14 (pt or eq pt)	0.28	0.26	0.28	0.28	0.27
Cream	17 (pt)	0.04	0.02	0.03	0.04	0.03
<i>Total milk and cream</i>	4-17 (pt or eq pt)	4.79	4.68	4.74	4.81	4.74
CHEESE:						
Natural	22	3.94	3.32	3.61	3.95	3.61
Processed	23	0.21	0.25	0.23	0.21	0.23
<i>Total cheese</i>	22, 23	4.15	3.57	3.84	4.16	3.85
MEAT:						
Beef and veal	31	9.06	7.59	8.27	8.69	8.11
Mutton and lamb	36	4.69	3.91	4.28	4.35	4.11
Pork	41	4.10	3.22	3.63	4.04	3.60
<i>Total carcass meat</i>	31-41	17.84	14.72	16.18	17.08	15.83
Bacon and ham, uncooked	55	4.25	4.43	4.35	4.19	4.32
Poultry, uncooked	73, 77	7.45	5.74	6.55	6.67	6.17
Frozen convenience meats or frozen convenience meat products	88	1.74	0.93	1.31	1.58	1.23
Other meat and meat products	46, 51, 58-71, 78-83, 94	10.94	12.74	11.89	11.03	11.94
<i>Total meat</i>	31-94	42.22	38.56	40.27	40.53	39.47

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
MEAT:						
Fresh	100, 105 } 111-113 } 114-117 }	1.31 0.48 1.34 1.45	1.40 0.45 1.51 1.08	1.36 0.48 1.44 1.26	1.28 0.49 1.37 1.55	1.34 0.47 1.44 1.31
Processed and shell Prepared, including fish products	118-123					
Frozen, including fish products	110, 127	4.59	4.44	4.51	4.68	4.55
Total fish	100-127	3.76 3.60	3.98 3.94	3.88 3.78	3.75 3.58	3.87 3.77
EGGS:	129					
(Eggs purchased)	(no) (no)					
FATS:						
Butter	135	4.32	4.55	4.45	4.25	4.41
Margarine	138	3.52	3.72	3.63	3.39	3.57
Lard and compound cooking fat	139	1.64	2.06	1.86	1.62	1.85
Other fats	143, 148	1.13	1.09	1.11	1.08	1.09
Total fats	135-148	10.61	11.42	11.04	10.34	10.92
SUGAR AND PRESERVES:						
Sugar	150	10.02	12.89	11.55	10.00	11.54
Honey, preserves, syrup and treacle	151-154	1.93	2.36	2.17	1.96	2.17
Total sugar and preserves	150-154	11.95	15.26	13.71	11.95	13.71
VEGETABLES:						
Potatoes	156-161	41.00	45.81	43.59	40.54	43.38
Fresh green	162-171	11.67	10.19	10.88	11.73	10.91
Other fresh	172-183	16.38	14.67	15.48	16.24	15.41
Frozen beans	203	2.37	1.20	1.75	2.35	1.74
Frozen peas	204	0.79	0.35	0.56	0.77	0.55
Frozen chips and other frozen convenience potato products	205	1.21	0.44	0.80	0.90	0.65
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	1.52	0.55	1.01	1.30	0.90
Other processed, including vegetable products	184-202	10.29	13.37	11.92	10.23	11.90
Total vegetables	156-208	85.24	86.57	85.99	84.05	85.43

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	22.23	17.33	19.62	22.19	19.60
Frozen fruit and frozen fruit products	241	0.14	0.02	0.08	0.10	0.05
Other, including fruit products, not frozen	233-240 } 245-248 }	7.12	5.58	6.32	7.08	6.30
<i>Total fruit</i>	210-248	29.49	22.93	26.00	29.36	25.94
CEREALS:						
Brown bread	255	3.53	3.92	3.74	3.45	3.70
White bread (standard loaves)	251-254	20.78	25.13	23.10	19.85	22.65
Wholewheat and wholemeal bread	256	1.21	1.05	1.12	1.17	1.10
Other bread	263	3.39	3.47	3.43	3.27	3.38
<i>Total bread</i>	251-263	28.91	33.56	31.38	27.73	30.83
Flour	264	5.85	5.67	5.75	5.67	5.67
Cakes	267-270	3.62	4.36	4.01	3.62	4.01
Biscuits	271-277	5.43	5.63	5.54	5.42	5.53
Oatmeal and oat products	281	0.41	0.48	0.45	0.42	0.45
Breakfast cereals	282	3.54	3.24	3.38	3.52	3.37
Frozen convenience cereal foods	284	0.67	0.23	0.44	0.54	0.37
Other cereals	285-291 } 299-301 }	4.36	5.32	4.88	4.36	4.87
<i>Total cereals</i>	251-301	52.78	58.48	55.81	51.27	55.10
BEVERAGES:						
Tea	304	1.82	2.37	2.11	1.82	2.11
Coffee and drinking chocolate	307-309	0.67	0.58	0.62	0.68	0.62
Cocoa	312	0.14	0.12	0.13	0.14	0.13
Branded food drinks	313	0.18	0.22	0.20	0.18	0.20
<i>Total beverages</i>	304-313	2.80	3.28	3.06	2.80	3.06

(a) See paragraphs 8 and 29.

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 1979

(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	60.72	60.26	60.47
welfare and school	5, 6	0.04	0.02	0.03
<i>Total liquid milk</i>	4-6	60.76	60.28	60.50
Condensed milk	9	1.73	1.73	1.72
Dried and other milk	11-14	5.83	5.38	5.58
Cream	17	3.97	2.40	3.13
<i>Total milk and cream</i>	4-17	72.29	69.79	70.94
CHEESE:				
Natural	22	20.47	17.29	18.77
Processed	23	1.27	1.50	1.39
<i>Total cheese</i>	22, 23	21.74	18.79	20.16
MEAT:				
Beef and veal	31	58.87	53.05	55.76
Mutton and lamb	36	23.35	22.30	22.78
Pork	41	19.98	18.16	19.01
<i>Total carcass meat</i>	31-41	102.20	93.51	97.55
Bacon and ham, uncooked	55	24.17	25.32	24.78
Poultry, uncooked	73, 77	24.91	20.44	22.55
Frozen convenience meats or frozen convenience meat products	88	7.59	4.96	6.19
Other meat and meat products	46, 51 58-71, 78-83 94	50.73	58.73	54.95
<i>Total meat</i>	31-94	209.61	202.93	206.00
FISH:				
Fresh	100, 105 111-113	6.59	8.07	7.38
Processed and shell	114-117	3.68	2.95	3.30
Prepared, including fish products	118-123	9.07	10.23	9.69
Frozen, including fish products	110, 127	7.93	6.79	7.34
<i>Total fish</i>	100-127	27.29	28.02	27.68
EGGS				
	129	16.81	18.60	17.75
FATS:				
Butter	135	17.80	19.03	18.46
Margarine	138	7.12	7.71	7.43
Lard and compound cooking fat	139	2.55	3.22	2.90
Other fats	143, 148	2.85	2.66	2.75
<i>Total fats</i>	135-148	30.32	32.62	31.54
SUGAR AND PRESERVES:				
Sugar	150	9.26	11.77	10.60
Honey, preserves, syrup and treacle	151-154	4.05	4.89	4.50
<i>Total sugar and preserves</i>	150-154	13.31	16.66	15.09
VEGETABLES				
Potatoes	156-161	14.27	18.29	16.42
Fresh green	162-171	9.17	10.01	9.62
Other fresh	172-183	19.69	18.14	18.85
Frozen peas	203	4.09	2.60	3.30
Frozen beans	204	1.54	0.91	1.21
Frozen chips and other frozen convenience potato products	205	1.75	0.85	1.27
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	3.28	1.62	2.40
Other processed, including vegetable products	184-202	18.11	22.10	20.25
<i>Total vegetables</i>	156-208	71.88	74.53	73.29

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
FRUIT:				
Fresh	210-231	25.74	21.42	23.43
Frozen fruit and frozen fruit products	241	0.41	0.10	0.25
Other, including fruit products, not frozen	233-240 } 245-248 }	14.96	12.04	13.43
<i>Total fruit</i>	210-248	41.12	33.55	37.10
CEREALS:				
Brown bread	255	4.50	5.20	4.88
White bread (standard loaves)	251-254	22.19	27.57	25.06
Wholewheat and wholemeal bread	256	1.61	1.44	1.52
Other bread	263	6.80	6.81	6.80
<i>Total bread</i>	251-263	35.10	41.03	38.27
Flour	264	3.69	3.67	3.68
Cakes	267, 270	13.15	15.55	14.41
Biscuits	271-277	17.70	17.94	17.82
Oatmeal and oat products	281	0.56	0.69	0.63
Breakfast cereals	282	8.55	7.86	8.19
Frozen convenience cereal foods	294	3.14	1.07	2.04
Other cereals	285-291 } 299-301 }	9.68	11.01	10.39
<i>Total cereals</i>	251-301	91.57	98.80	95.39
BEVERAGES:				
Tea	304	10.68	13.98	12.44
Coffee	307-309	12.93	11.30	12.06
Cocoa and drinking chocolate	312	0.84	0.78	0.80
Branded food drinks	313	0.79	0.98	0.90
<i>Total beverages</i>	304-313	25.26	27.05	26.20
MISCELLANEOUS:				
Soups, canned, dehydrated and powdered	318, 319 } 315 }	4.11	5.55	4.88
Other foods	320-339 }	18.18	14.42	16.20
<i>Total miscellaneous</i>	315-339	22.29	19.96	21.06
TOTAL EXPENDITURE		£6.43	£6.41	£6.42

TABLE 30

Meals eaten outside the home, 1979

(per person per week)

	Meals not from the household supply		Net balance (a)		
	Mid-day meals	All meals out	Persons	Visitors	
All households	1.81	3.20	.88	.04	
<i>Analysis by region</i>					
<i>English regions:</i>					
North	1.74	2.76	.89	.04	
Yorkshire and Humberside	1.69	2.88	.89	.04	
North West	2.08	3.33	.87	.03	
East Midlands	1.74	3.03	.88	.04	
West Midlands	1.65	2.89	.89	.04	
South West	1.61	3.08	.88	.04	
South East (b)/East Anglia	1.96	3.65	.86	.04	
England	1.83	3.24	.88	.04	
Wales	1.65	2.80	.89	.04	
Scotland	1.69	3.08	.88	.04	
<i>Analysis by type of area</i>					
Greater London	2.25	4.22	.84	.04	
Metropolitan counties and Clydeside conurbation	1.91	3.11	.88	.04	
<i>Non-metropolitan counties:</i>					
<i>Wards with electorate per acre of—</i>					
7 or more	1.59	2.97	.89	.04	
3 but less than 7	1.83	3.16	.88	.04	
0.5 but less than 3	1.80	3.12	.88	.04	
less than 0.5	1.65	2.99	.89	.04	
<i>Analysis by income group</i>					
A1	2.48	4.89	.82	.05	
A2	2.39	4.40	.84	.05	
B	2.06	3.51	.87	.04	
C	1.79	3.13	.88	.04	
D	1.66	2.75	.90	.04	
E1	0.85	1.69	.94	.07	
E2	1.26	2.45	.91	.05	
OAP (households containing one adult)	0.91	2.11	.91	.05	
OAP (households containing one male and one female)	0.27	0.69	.97	.04	
OAP ("Other" households)	0.90	1.67	.94	.02	
OAP (all)	0.59	1.37	.95	.04	
<i>Analysis by household composition</i>					
No. of adults	No. of children				
1	0	1.47	3.22	.88	.07
1	1 or more	2.79	4.43	.83	.03
2	0	1.34	2.70	.90	.06
2	1	1.87	3.41	.87	.04
2	2	1.98	3.18	.88	.03
2	3	2.07	3.14	.88	.03
2	4 or more	2.11	3.12	.88	.01
3	0	1.55	3.15	.89	.04
3 or more	1 or 2	2.00	3.52	.87	.03
3 or more	3 or more	2.02	3.19	.88	.02
4 or more	0	2.22	4.21	.84	.03

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	2.09	3.99	.85	-.04
25-34	2.12	3.61	.86	-.03
35-44	2.20	3.58	.86	-.03
45-54	1.86	3.30	.88	-.05
55-64	1.24	2.55	.91	-.06
65-74	0.67	1.57	.94	-.05
75 and over	0.74	1.59	.94	-.03
<i>Analysis by housing tenure</i>				
Unfurnished: Council	1.77	2.98	.89	-.04
Other rented	1.62	2.98	.89	-.04
Furnished, rented	2.81	5.97	.77	-.05
Rent free	1.57	3.38	.88	-.07
Owned outright	1.32	2.56	.90	-.05
Owned with mortgage	2.10	3.65	.86	-.04
<i>Analysis by ownership of deep-freezer</i>				
Households owning a deep-freezer	1.94	3.47	.87	-.04
Households not owning a deep-freezer	1.69	2.95	.89	-.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, 1979

	Meals not from the household supply		Meals from the household supply		
	School meals	Other meals out	Packed meals	Other	
All households	2.63	0.15	0.68	3.54	
<i>Analysis by region</i>					
<i>English regions:</i>					
North	2.48	0.15	0.25	4.12	
Yorkshire and Humberside	2.37	0.12	0.54	3.97	
North West	2.93	0.14	0.55	3.38	
East Midlands	2.62	0.07	0.60	3.71	
West Midlands	2.74	0.12	0.77	3.37	
South West	2.79	0.08	0.89	3.24	
South East (a)/East Anglia	2.78	0.18	0.95	3.09	
England	2.71	0.14	0.72	3.43	
Wales	2.49	0.21	0.75	3.55	
Scotland	1.94	0.27	0.27	4.52	
<i>Analysis by type of area</i>					
Greater London	2.94	0.27	0.77	3.02	
Metropolitan counties and Clydeside conurbation	2.89	0.13	0.54	3.44	
<i>Non-metropolitan counties:</i>					
<i>Wards with electorate per acre of—</i>					
7 or more	2.11	0.14	0.80	3.95	
3 but less than 7	2.57	0.16	0.58	3.69	
0.5 but less than 3	2.70	0.12	0.68	3.50	
less than 0.5	2.81	0.17	0.79	3.23	
<i>Analysis by income group</i>					
A1	2.42	0.18	1.19	3.21	
A2	2.94	0.29	1.01	2.76	
B	2.64	0.13	0.71	3.52	
C	2.44	0.15	0.66	3.75	
D	2.81	0.11	0.20	3.88	
E1	3.86	0.29	0.29	2.56	
E2	2.94	0.19	0.28	3.59	
<i>Analysis by household composition</i>					
<i>No. of adults</i>		<i>No. of children</i>			
1	1 or more	3.03	0.18	0.60	3.19
2	1	2.44	0.22	0.74	3.60
2	2	2.66	0.13	0.74	3.47
2	3	2.50	0.15	0.71	3.64
2	4 or more	2.63	0.15	0.26	3.96
3 or more	1 or 2	2.64	0.15	0.90	3.31
3 or more	3 or more	2.56	0.18	0.69	3.57
<i>Analysis by age of housewife</i>					
Under 25 years		2.57	0.06	0.20	4.17
25-34		2.67	0.13	0.44	3.76
35-44		2.55	0.17	0.90	3.38
45-54		2.74	0.15	1.03	3.08
55-64		2.69	0.33	0.33	3.65
65-74		3.23	0.23	0.15	3.39
75 and over		—	—	—	—

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	2.68	0.17	0.42	3.73
Other rented	2.75	0.17	0.52	3.56
Furnished, rented	2.25	0.50	—	4.25
Rent free	2.40	0.19	0.47	3.94
Owned outright	2.63	0.20	0.73	3.44
Owned with mortgage	2.59	0.13	0.88	3.40
<i>Analysis by ownership of deep-freezer</i>				
Households owning a deep-freezer	2.62	0.17	0.82	3.39
Households not owning a deep-freezer	2.64	0.14	0.52	3.70

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

Corrigendum

The averages of packed meals from the household supply which were given in Table 31 of the Report for 1978 were incorrect and should have been exactly twice the values given. Consequently, the values of other meals from the household supply should be reduced.

Soft drinks, purchases, expenditure and prices, annual averages, 1979

	Concentrated			Unconcentrated			Low-calorie			All soft drinks	
	(a) Purchase quantity	(a) Expenditure	Price per pint	(a) Purchase quantity	(a) Expenditure	Price per pint	(a) Purchase quantity	(a) Expenditure	Price per pint	(a) Purchase quantity	(b) Energy value
	fl oz	pence	pence	fl oz	pence	pence	fl oz	pence	pence	equivalent fl oz (c)	kcal
All households	3.01	3.36	22.38	4.09	3.45	16.88	0.27	0.24	17.57	19.41	19
Analysis by region											
English regions:											
North	2.82	3.04	21.34	4.49	3.84	17.11	0.16	0.17	21.19	18.75	19
Yorkshire and Humberside	2.46	3.00	24.40	3.10	2.60	16.78	0.11	0.11	19.90	15.51	15
North West	2.92	3.32	24.21	3.60	2.89	16.16	0.33	0.35	21.10	18.53	18
East Midlands	2.94	3.21	21.88	4.67	3.64	15.48	0.10	0.09	16.85	19.47	19
West Midlands	2.62	2.90	22.00	4.75	3.78	16.18	0.21	0.15	14.40	18.06	18
South West	3.57	3.95	22.09	2.64	2.29	17.25	0.42	0.29	13.94	20.91	20
South East	3.49	3.83	21.95	4.16	3.70	17.79	0.33	0.30	18.01	21.94	21
/East Anglia (d)	3.08	3.46	22.43	3.97	3.35	16.90	0.27	0.24	17.74	19.64	19
England	2.97	3.11	20.99	3.32	2.89	17.45	0.36	0.29	16.11	18.53	18
Wales	2.21	2.50	22.91	6.10	5.10	16.52	0.23	0.19	17.20	17.38	18
Scotland	3.07	3.44	22.48	4.66	4.15	17.83	0.15	0.16	21.04	20.16	20
Analysis by type of area											
Greater London	2.46	2.95	23.91	4.68	3.70	15.87	0.26	0.24	18.65	17.24	17
Metropolitan counties and Clydeside conurbation											
Non-metropolitan counties:											
Wards with electorate per acre of—											
7 or more	3.09	3.47	22.37	3.97	3.31	16.69	0.35	0.32	17.84	19.77	19
3 but less than 7	3.40	3.68	21.62	4.01	3.39	17.02	0.19	0.15	15.92	21.20	21
0.5 but less than 3	3.02	3.38	22.36	3.87	3.32	17.11	0.31	0.27	17.76	19.28	19
Less than 0.5	3.07	3.30	21.55	3.23	2.84	17.67	0.28	0.21	14.96	18.86	18
Analysis by income group											
A1	4.39	4.86	22.43	4.95	4.20	17.15	0.71	0.55	15.51	27.61	27
A2	3.31	3.76	22.96	4.42	3.79	17.19	0.39	0.41	20.85	21.36	21
All A	3.70	4.16	22.74	4.66	3.98	17.17	0.51	0.46	18.11	23.67	23
B	3.53	3.92	22.26	4.93	4.02	16.36	0.28	0.26	18.24	22.86	23
C	2.96	3.30	22.25	4.03	3.44	16.98	0.23	0.20	17.38	19.06	19
D	2.13	2.52	23.54	3.73	3.19	17.30	0.32	0.23	14.31	14.70	15
E1	1.68	1.77	21.00	2.95	2.40	17.00	0.27	0.26	19.53	11.62	12
E2	2.23	2.36	21.19	2.08	1.92	18.82	0.12	0.10	15.42	13.35	13
OAP	1.42	1.65	23.09	1.71	1.64	19.15	0.04	0.04	20.00	8.85	9

TABLE 32—continued

		Concentrated				Unconcentrated				Low-calorie			All soft drinks			
		(a) Purchase quantity	(a) Expenditure	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity	(a) Expenditure	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity	(a) Expenditure	Price per pint	Percentage of all households purchasing during Survey week	(a) Purchase quantity	(b) Energy value	
		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	No. of children															
1	0	1.66	1.99	24.05	5	1.93	1.87	19.33	5	0.19	0.20	20.63	1	10.42	10	
2	0	3.48	3.97	22.86	28	4.92	4.30	17.73	24	0.36	0.27	15.47	4	22.68	22	
3	0	1.62	1.89	23.32	9	3.58	3.09	17.27	13	0.30	0.29	19.30	1	11.98	12	
4	1	3.40	3.81	22.40	26	5.87	4.77	16.28	26	0.34	0.34	20.20	3	23.21	23	
5	2	4.53	5.09	22.50	40	5.25	4.09	15.60	29	0.33	0.24	14.83	3	28.23	28	
6	3	4.10	4.49	21.91	40	4.24	3.53	16.55	27	0.08	0.06	15.36	1	24.82	24	
7	4 or more	3.63	3.67	20.23	38	2.71	2.19	16.19	23	0.06	0.04	15.33	2	20.92	20	
8	0	2.30	2.46	21.38	17	2.93	2.60	17.78	14	0.41	0.34	16.54	2	14.84	14	
9	1 or 2	2.94	3.31	22.56	29	4.05	3.85	18.92	23	0.17	0.16	18.67	1	18.92	19	
10	3 or more	2.72	3.02	21.74	43	2.58	2.36	17.98	23	0.32	0.29	17.80	1	16.18	16	
11	4 or more	1.64	1.80	21.92	16	2.46	2.30	18.72	17	0.32	0.29	17.80	2	10.98	11	
<i>Analysis by age of housewife</i>																
Under 25 years		3.50	4.03	23.00	23	5.64	4.37	15.50	22	0.37	0.31	16.58	3	23.51	23	
25-34		3.88	4.28	22.09	32	4.84	4.01	16.56	26	0.31	0.29	18.50	3	24.55	24	
35-44		3.89	4.35	22.45	31	4.96	4.06	16.36	27	0.22	0.18	15.62	2	24.63	24	
45-54		2.28	2.57	22.51	17	3.91	3.60	18.43	17	0.39	0.36	18.57	2	15.70	16	
55-64		1.64	1.86	22.65	9	2.37	2.06	17.30	9	0.24	0.18	15.51	1	10.81	11	
65-74		1.60	1.71	21.40	7	2.19	1.97	18.01	7	0.03	0.05	33.02	1	10.22	10	
75 and over		1.48	1.82	22.65	6	1.19	1.19	19.95	4	0.03	0.03	14.29	...	8.64	8	
<i>Analysis by housing tenure</i>																
Unfurnished:																
Council		2.52	2.77	21.99	18	3.58	3.07	17.14	14	0.21	0.18	17.28	2	16.39	16	
Other rented		2.52	2.75	21.85	14	3.69	3.39	18.53	13	0.37	0.30	16.13	2	16.66	16	
Furnished, rented		2.30	2.64	22.56	11	4.49	4.17	18.36	17	0.35	0.26	16.17	2	16.34	16	
Rent free		2.15	2.12	19.84	17	3.69	3.51	18.72	18	0.35	0.26	16.17	2	14.44	15	
Owned outright		2.20	2.50	22.77	12	3.12	2.76	17.75	12	0.14	0.13	18.64	1	14.26	14	
Owned with mortgage		3.89	4.39	22.58	29	5.03	4.06	16.16	26	0.36	0.32	17.82	3	24.84	24	
<i>Analysis by ownership of deep-freezer</i>																
Households owning a deep-freezer		3.54	3.96	22.38	24	4.49	3.69	16.43	21	0.31	0.27	17.73	2	22.50	22	
Households not owning a deep-freezer		2.53	2.84	22.36	17	3.73	3.24	17.35	15	0.23	0.20	17.39	1	16.61	16	

**Average nutritional value of
household food**

TABLE 33

Nutritional value of household food: national averages, 1979

	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Yearly average
<i>(i) Consumption per person per day</i>					
Energy (kcal)	2,230	2,220	2,280	2,280	2,250
. (MJ)	9.4	9.3	9.6	9.6	9.5
Total protein (g)	72.8	72.4	75.0	73.4	73.4
Animal protein (g)	46.9	46.6	48.3	47.2	47.2
Fat (g)	106	104	107	109	106
Fatty acids:					
Saturated (g)	47.8	47.1	47.6	48.6	47.8
Monounsaturated (g)	39.5	38.7	39.8	40.7	39.7
Polyunsaturated (g)	10.4	10.4	10.7	11.3	10.7
Carbohydrate (a) (g)	264	265	273	271	268
Calcium (mg)	960	990	960	940	960
Iron (mg)	10.8	10.8	11.4	11.0	11.0
Thiamin (mg)	1.20	1.21	1.24	1.22	1.22
Riboflavin (mg)	1.92	1.89	1.91	1.88	1.90
Nicotinic acid (mg)	15.6	15.2	16.3	16.3	15.9
Nicotinic acid equivalent (mg)	30.3	29.8	31.4	31.1	30.6
Vitamin C (mg)	47	52	66	53	54
Vitamin A:					
Retinol (μ g)	990	930	1,010	940	970
β -carotene (μ g)	2,450	2,190	2,010	2,640	2,320
Total (retinol equivalent) (μ g)	1,400	1,300	1,340	1,380	1,350
Vitamin D (C) (μ g)	2.57	2.65	2.82	2.82	2.72
<i>(ii) as a percentage of recommended intake (b)</i>					
Energy	99	99	100	103	100
Protein	128	128	131	132	130
(as a percentage of minimum requirement)	176	176	180	182	178
Calcium	174	179	171	172	174
Iron	99	100	104	103	102
Thiamin	129	131	132	134	132
Riboflavin	138	137	137	139	138
Nicotinic acid equivalent	192	190	197	202	195
Vitamin C	162	178	224	186	188
Vitamin A (retinol equivalent)	199	186	189	201	194
<i>(iii) Percentage of energy derived from protein, fat and carbohydrate</i>					
Protein	13.0	13.0	13.1	12.8	13.0
Fat	42.6	42.2	42.1	42.8	42.4
Carbohydrate	44.3	44.7	44.8	44.4	44.6
<i>(iv) Animal protein as a percentage of total protein</i>					
	64.4	64.3	64.4	64.3	64.4

TABLE 33—continued

	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Year average
	(v) Consumption of nutrients per 1,000 kcal				
Total protein (g)	32.6	32.6	32.9	32.2	32.
Animal protein (g)	21.0	21.0	21.2	20.7	21.
Fat (g)	47	47	47	48	47
Fatty acids:					
saturated (g)	21.4	21.2	20.9	21.3	21.
monounsaturated (g)	17.7	17.4	17.5	17.8	17.
polyunsaturated (g)	4.7	4.7	4.7	4.9	4.
Carbohydrate (g)	118	119	120	119	119
Calcium (mg)	432	445	421	413	428
Iron (mg)	4.8	4.9	5.0	4.8	4.
Thiamin (mg)	0.54	0.55	0.54	0.54	0.
Riboflavin (mg)	0.86	0.85	0.84	0.82	0.
Nicotinic acid equivalent (mg)	13.6	13.4	13.8	13.6	13.
Vitamin C (mg)	21.0	23.2	28.8	23.2	24.
Vitamin A (retinol equivalent) (μg)	625	584	589	604	600
Vitamin D (C) (μg)	1.15	1.19	1.24	1.24	1.

(a) As monosaccharide.

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

(c) Contributions from pharmaceutical sources of this (or any other) vitamin are recorded by the Survey. Furthermore, most adults need no dietary vitamin D since obtain all they need from the action of sunlight on the skin.

TABLE 34
Contributions made by groups of foods to the nutritional value of household food: national averages, 1979
(per person per day)

	Energy		Protein		Fat		Fatty acids				Carbo- hydrate		Calcium		Iron			
	kcal	MJ	g	Per cent of total	g	Per cent of total	g	Per cent of total	Saturated		Mono-unsaturated		Poly-unsaturated		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	234	0.98	11.7	15.9	14.0	13.2	8.3	17.4	4.4	11.2	0.4	3.5	17	6.4	431	0.2	44.7	1.7
Dried milk	4	0.02	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.1	...	0.1	...	0.2	3	...	0.3	0.4
Other milk and cream	25	0.11	1.0	1.4	1.3	1.2	0.8	1.6	0.4	1.0	...	0.4	...	0.9	35	...	3.6	0.3
Cheese	60	0.25	3.8	5.2	4.9	4.6	2.9	6.1	1.6	4.0	0.1	1.3	...	...	112	0.1	11.6	0.5
Total milk, cream and cheese	322	1.35	16.7	22.7	20.4	19.2	12.1	25.4	6.5	16.3	0.6	5.2	20	7.5	581	0.3	60.3	2.9
Beef and veal	69	0.29	5.9	8.1	5.1	4.8	2.1	4.4	2.4	6.0	0.2	1.9	...	...	2	0.3	0.7	6.0
Mutton and lamb	43	0.18	2.2	3.0	3.8	3.6	1.8	3.9	1.4	3.6	0.2	1.7	...	...	1	0.1	0.2	1.6
Pork	38	0.16	2.1	2.8	3.4	3.2	1.3	2.8	1.5	3.8	0.3	2.4	...	...	1	0.1	0.1	0.9
Bacon and ham, uncooked	55	0.23	2.5	2.8	5.2	4.9	2.1	4.4	2.3	5.9	0.4	3.5	...	...	1	0.1	0.2	1.4
Liver	5	0.02	0.6	0.8	0.3	0.3	0.2	0.1	0.2	0.1	0.1	0.5	...	...	...	...	0.4	3.2
Poultry, uncooked	26	0.11	3.6	5.0	1.3	1.2	0.4	0.9	0.6	1.5	0.2	2.0	...	...	...	0.2	0.2	2.1
Sausages	47	0.20	2.1	2.0	4.0	3.8	1.6	3.4	1.9	4.7	0.3	2.5	...	0.6	6	0.7	0.7	1.6
Other meat and meat products	92	0.38	4.1	5.6	6.3	5.9	2.6	5.4	2.7	6.9	0.5	4.3	...	1.3	11	1.1	1.1	8.1
Total meat	376	1.56	23.5	32.1	29.3	27.6	12.1	25.2	12.8	32.4	2.0	18.7	5	1.9	25	2.6	2.7	24.9
Fat fish	7	0.03	0.7	0.9	0.4	0.4	0.1	0.2	0.2	0.5	0.1	0.9	...	...	5	0.6	0.1	0.6
Other fish and fish products	18	0.07	0.8	3.1	0.6	0.6	0.1	0.2	0.2	0.5	0.3	2.5	...	0.3	7	0.7	0.1	1.0
Total fish	24	0.10	1.1	4.0	1.1	1.0	0.2	0.4	0.4	1.0	0.4	3.4	1	0.3	12	1.3	0.2	1.6
Eggs	41	0.17	3.4	4.6	3.0	2.8	0.9	2.0	1.2	3.0	0.3	3.1	...	...	15	1.6	0.6	5.1
Butter	133	0.55	0.1	0.1	14.8	13.9	8.8	18.4	4.7	11.8	0.4	3.8	...	...	3	0.3	...	0.3
Margarine	107	0.44	...	...	11.9	11.2	4.1	8.6	5.1	12.8	2.2	20.3	...	...	1	0.1	...	0.4
Other fats	102	0.42	...	...	11.3	10.6	4.1	8.6	4.6	11.5	2.0	18.6	...	0.1	...	...	...	0.1
Total fats	343	1.41	0.1	0.1	38.0	35.7	17.0	35.5	14.3	36.1	4.6	42.7	...	0.1	3	0.3	0.1	0.8
Sugar and preserves	208	0.88	...	...	...	...	...	...	...	...	...	...	55	20.6	4	0.5	0.1	0.9

TABLE 34—continued
(per person per day)

	Energy		Protein		Fat		Fatty acids			Carbo- hydrate		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
Potatoes	114	0.47	2.6	3.6	—	—	—	—	—	27	10.0	12	1.3	0.7	6.7
Cabbage, brussels sprouts and cauliflower	5	0.02	0.7	0.9	—	—	—	—	—	1	0.2	9	1.0	0.1	1.2
Leafy salads	...	...	0.1	0.1	...	...	...	...	...	...	...	1	0.1	...	0.4
Fresh legumes, including frozen	6	0.03	0.6	0.8	...	...	...	...	...	...	0.3	4	0.4	...	1.3
Other fresh green vegetables	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fresh tomatoes	2	0.01	0.2	0.2	...	...	...	...	...	...	0.2	2	0.2	...	0.1
Carrots	3	0.01	0.1	0.1	...	...	...	...	...	...	0.2	2	0.2	...	0.6
Other root vegetables	2	0.01	0.1	0.1	...	...	...	...	...	...	0.1	3	0.3	...	0.2
Other vegetables and vegetable products	57	0.24	2.4	3.3	1.7	1.6	0.5	1.1	0.6	...	3.2	21	2.2	0.8	7.0
<i>Total vegetables</i>	188	0.79	6.7	9.2	1.7	1.6	0.5	1.1	0.6	38	14.3	60	6.2	2.0	18.1
Oranges	3	0.01	0.1	0.1	...	...	...	...	...	...	0.3	4	0.4	...	0.2
Other citrus fruit	1	...	...	...	...	...	...	...	...	...	0.1	1	0.1	...	0.1
Apples and pears	11	0.05	0.1	0.2	...	...	...	...	...	...	0.1	1	0.1	...	0.8
Soft fruit	2	0.01	0.1	0.1	...	...	...	...	...	...	0.2	1	0.1	...	0.3
Bananas	5	0.02	0.1	0.1	...	...	...	...	...	...	0.5	...	...	...	0.3
Other fresh fruit	2	0.01	0.1	0.1	...	...	...	...	...	...	0.1	...	...	...	0.2
Other fruit and fruit products	36	0.15	0.4	0.5	0.8	0.7	0.5	0.7	0.2	...	2.7	5	0.6	...	2.0
<i>Total fruit</i>	60	0.26	0.8	1.1	0.8	0.8	0.5	0.3	0.2	13	5.0	16	1.6	0.4	3.8
White bread (standard loaves)	228	0.97	7.6	10.3	1.6	1.6	0.3	0.7	0.5	48	18.0	89	9.2	1.5	13.2
Other bread	78	0.33	3.0	4.0	0.7	0.6	0.1	0.3	0.2	16	6.0	27	2.8	0.7	6.4
Flour	78	0.33	2.3	3.1	0.3	0.3	0.1	0.1	0.1	18	6.6	53	5.5	0.5	4.7
Cakes and pastries	54	0.23	1.0	1.3	1.7	1.6	0.6	1.6	0.2	19	3.5	14	1.5	0.2	2.0
Biscuits	105	0.44	1.6	2.2	4.6	4.4	5.0	3.7	0.5	15	5.7	23	2.4	0.4	4.0
Other cereals and cereal products	104	0.44	2.4	3.3	1.5	1.4	1.1	0.5	0.4	22	8.0	16	1.7	0.8	6.8
<i>Total cereals</i>	647	2.75	17.8	24.3	10.5	9.9	8.7	3.0	2.0	128	47.8	222	23.0	4.1	37.0
Tea	7	0.03	0.5	0.6	0.1	0.1	0.1	...	...	...	...	3	0.3	...	...
Other beverages	...	...	...	...	...	...	...	...	...	...	...	5	0.5	...	1.3
<i>Total beverages</i>	7	0.03	0.5	0.6	0.1	0.1	0.1	...	...	...	...	8	0.8	...	1.3
Other foods	38	0.16	1.0	1.4	1.4	1.3	1.1	0.5	0.3	6	2.2	18	1.9	0.4	3.6
<i>TOTAL ALL FOODS</i>	2,254	9.47	73.4	100	106.4	100	47.8	39.7	10.7	268	100	964	100	11.0	100

TABLE 34—continued
 (per person per day)

	Thiamin (a)		Riboflavin		Total nicotinic acid		Tryptophan		Nicotinic acid equivalent		Vitamin C (b)		Retinol		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	µg	Per cent of total	µg	Per cent of total
Liquid milk	0.14	11.1	0.68	36.0	0.3	1.9	168.6	18.0	3.1	10.1	3.7	6.8	110	11.4	70	3.0	121	0.07
Dried milk	0.3	0.3	0.3	0.3	...	0.3	1.5	1.5	0.2	0.1	0.3	0.6	4	0.5	0.1	0.1	5	0.4
Other milk and cream	0.01	0.9	0.05	2.8	...	0.2	13.7	1.5	0.3	0.9	0.2	0.4	10	1.0	7	0.3	11	0.8
Cheese	0.01	0.5	0.07	3.8	...	0.1	52.4	5.6	0.9	2.9	...	...	45	4.6	29	1.3	50	3.7
<i>Total milk, cream and cheese</i>	<i>0.16</i>	<i>12.8</i>	<i>0.81</i>	<i>42.9</i>	<i>0.4</i>	<i>2.6</i>	<i>236.2</i>	<i>25.2</i>	<i>4.3</i>	<i>14.0</i>	<i>4.3</i>	<i>7.8</i>	<i>170</i>	<i>17.5</i>	<i>108</i>	<i>4.6</i>	<i>187</i>	<i>0.27</i>
Beef and veal	0.01	0.8	0.07	3.8	1.8	11.2	75.3	8.0	3.0	9.9	...	...	...	...	...	...	...	...
Mutton and lamb	0.01	0.7	0.03	1.4	0.6	4.1	27.8	3.0	1.1	3.6	...	...	...	...	...	...	...	...
Pork	0.05	4.0	0.02	1.2	0.5	3.4	23.0	2.5	0.9	3.0	...	...	...	...	...	...	...	...
Bacon and ham, uncooked	0.04	3.6	0.02	1.3	0.5	2.9	22.5	2.4	0.8	2.7	...	...	...	...	...	...	...	...
Liver	0.01	0.5	0.09	4.9	0.4	2.7	7.8	0.8	0.6	1.8	0.3	0.6	459	47.5	10	0.4	461	0.02
Poultry, uncooked	0.01	0.7	0.03	1.6	1.2	7.5	36.2	3.9	2.0	6.5	...	...	...	...	...	...	...	...
Sausages	0.01	0.1	0.02	0.9	0.6	3.7	18.3	2.0	0.9	2.9	...	...	...	...	...	...	...	...
Other meat and meat products	0.06	4.8	0.07	3.9	1.0	6.6	66.5	7.1	2.1	7.0	0.8	1.5	36	3.8	3	0.1	37	2.7
<i>Total meat</i>	<i>0.18</i>	<i>15.1</i>	<i>0.36</i>	<i>19.0</i>	<i>6.6</i>	<i>41.9</i>	<i>277.4</i>	<i>29.6</i>	<i>11.5</i>	<i>37.5</i>	<i>1.1</i>	<i>2.0</i>	<i>496</i>	<i>51.2</i>	<i>13</i>	<i>0.6</i>	<i>498</i>	<i>0.03</i>
Fat fish	0.01	0.2	0.01	0.4	0.2	1.3	6.8	0.7	0.3	1.1	...	...	1	0.1	...	...	1	0.1
Other fish and fish products	0.01	0.8	0.01	0.6	0.3	1.8	24.8	2.6	0.7	2.3	...	...	...	...	...	...	...	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>3.1</i>	<i>31.6</i>	<i>3.4</i>	<i>1.0</i>	<i>3.3</i>	...	...	2	0.2	...	...	2	0.1
Eggs	0.02	1.7	0.13	6.9	...	0.1	60.9	6.5	1.0	3.4	...	...	39	4.0	...	...	39	2.9
Butter . . . . .	...	...	...	...	...	...	1.1	0.1	...	0.1	...	...	135	14.0	84	3.6	149	0.14
Margarine . . . . .	...	...	...	...	...	...	0.1	...	...	...	...	...	106	10.9	70	3.0	118	1.17
Other fats . . . . .	...	...	...	...	...	...	0.1	...	...	...	...	...	3	0.3	...	...	3	0.2
<i>Total fats</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>...</i>	<i>1.3</i>	<i>0.1</i>	<i>...</i>	<i>0.1</i>	...	...	244	25.2	155	6.7	270	0.03
Sugar and preserves . . . . .	...	...	...	...	...	...	0.2	...	...	...	0.7	1.3	...	...	2	0.1	...	...
Potatoes	0.12	9.7	0.05	2.7	1.6	10.1	46.2	4.9	2.4	7.7	13.0	24.0	...	...	...	...	...	...
Cabbage, brussels sprouts and cauliflower	0.01	0.9	0.02	1.0	0.1	0.7	7.6	0.8	0.2	0.8	3.6	6.6	...	...	...	...	10	0.7
Leafy salads	0.03	2.3	0.01	0.2	0.1	0.1	0.5	0.1	0.1	0.1	0.8	1.4	...	...	...	...	8	0.6
Fresh legumes, including frozen	0.02	1.9	0.01	0.7	0.2	1.5	5.6	0.6	0.3	1.1	1.3	2.5	...	...	...	...	7	0.5

TABLE 34—continued
(per person per day)

	Thiamin (a)		Riboflavin		Total 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	µg	Per cent of total	µg	Per cent of total		
Other fresh green vegetables	0.01	0.8	0.01	0.1	0.1	0.7	0.1	0.1	0.1	0.4	0.1	0.2	14	0.6	2	0.2	—	—		
Fresh tomatoes	0.01	0.5	0.01	0.3	0.1	0.5	0.1	0.1	0.1	0.3	0.4	3.1	93	4.0	15	1.1	—	—		
Carrots	—	0.2	—	0.2	—	0.3	0.1	0.1	0.1	0.2	0.5	1.0	1,332	57.4	222	16.4	—	—		
Other root vegetables	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Other vegetables and vegetable products	0.05	3.8	0.04	2.3	0.6	4.0	2.9	2.9	1.1	3.5	5.2	9.5	329	14.2	55	4.1	—	0.1		
Total vegetables	0.22	17.9	0.15	7.7	2.8	17.8	9.5	9.5	4.3	14.0	28.1	51.7	1,915	82.5	319	23.6	—	—		
Oranges	0.01	0.8	—	—	—	—	0.4	—	—	—	4.8	8.8	5	0.2	1	0.1	—	—		
Other citrus fruit	—	—	—	—	—	—	0.2	—	—	—	1.6	3.0	8	0.4	—	—	—	—		
Apples and pears	0.01	0.9	0.01	0.3	—	0.2	0.9	0.1	—	—	2.4	4.5	2	0.1	—	—	—	—		
Soft fruit	—	—	—	—	—	—	0.3	—	—	—	1.3	2.4	2	0.1	—	—	—	—		
Bananas	—	—	—	—	—	—	0.3	—	—	—	0.7	1.3	14	0.6	—	—	—	—		
Other fresh fruit	—	—	—	—	—	—	0.2	—	—	—	0.5	0.9	19	0.8	3	0.2	—	—		
Other fruit and fruit products	0.01	1.0	0.01	0.5	0.2	1.3	4.4	0.5	0.3	0.9	8.0	14.7	24	1.0	4	0.3	—	—		
Total fruit	0.04	3.3	0.03	1.4	0.3	2.2	7.2	0.8	0.5	1.5	19.3	35.6	74	3.2	12	0.9	—	—		
White bread (standard loaves)	0.18	14.9	0.02	1.0	0.5	3.3	93.1	9.9	2.1	6.8	—	—	—	—	—	—	—	—		
Other bread	0.07	5.9	0.01	0.7	0.2	1.3	35.9	3.8	0.8	2.5	—	—	—	—	—	—	—	—		
Flour	0.06	4.7	0.01	0.4	0.2	1.1	28.3	3.0	0.7	2.1	—	—	—	—	—	—	—	—		
Cakes and pastries	0.03	2.3	0.01	0.7	0.1	0.7	11.6	1.2	0.2	0.8	—	—	—	—	—	—	—	—		
Biscuits	0.03	2.2	0.02	1.1	0.3	1.6	19.4	2.1	0.4	1.4	—	—	—	—	—	—	—	—		
Other cereals and cereal products	0.18	15.0	0.18	9.4	2.3	14.4	28.4	3.0	2.0	6.6	0.1	0.1	3	0.1	4	0.3	—	0.06		
Total cereals	0.55	45.1	0.25	13.4	3.6	22.5	216.7	23.1	6.2	20.2	0.1	0.1	12	1.2	4	0.2	12	0.9	0.14	
Tea	—	—	0.08	4.1	0.5	3.2	—	—	0.5	1.7	—	—	—	—	—	—	—	—	—	
Other beverages	0.01	0.9	0.01	0.7	0.6	4.0	5.8	0.6	0.7	2.4	—	—	—	—	—	—	—	—	0.09	
Total beverages	0.01	0.9	0.09	4.7	1.1	7.2	5.8	0.6	1.2	4.1	—	—	—	—	—	—	—	—	0.09	
Other foods	0.03	2.3	0.06	3.0	0.4	2.7	11.7	1.3	0.6	2.0	0.7	1.3	4	0.4	52	2.2	12	0.9	0.1	
TOTAL ALL FOODS	1.22	100	1.90	100	15.9	100	938.4	100	30.6	100	54.3	100	967	100	2,322	100	1,353	100	2.72	100

TABLE 27
 Geographical variations in nutritional value of household food, 1979

	Region										Type of area							
	All household	North	Yorkshire & Humberside	North West	East Midlands	West Midlands	South West	South East Anglia	England	Wales	Scotland	Greater London	Metropolitan counties and Clydeside conurbation	Non-metropolitan counties				
														Wards with electorate per acre of—				
														7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5	
Energy (kcal)	2,250	2,400	2,240	2,210	2,250	2,280	2,200	2,230	2,250	2,370	2,250	2,190	2,300	2,300	2,210	2,250	2,230	2,230
Total protein (g)	73.4	77.4	72.3	70.5	72.0	74.3	71.6	74.7	73.4	73.5	73.6	74.7	75.2	74.3	72.1	72.5	71.4	71.4
Animal protein (g)	47.2	47.9	46.2	44.6	46.1	47.7	46.6	49.5	47.4	45.9	46.5	47.8	49.9	47.8	46.4	46.6	45.4	45.4
Fat (g)	106	111	105	102	109	108	106	107	106	111	103	106	108	108	105	107	104	104
Fatty acids: saturated (g)	47.8	49.3	46.1	45.5	49.2	48.4	47.9	48.0	47.7	50.4	46.8	47.3	47.9	48.4	47.3	47.9	47.5	47.5
monounsaturated (g)	39.7	42.1	39.5	38.3	40.5	40.2	39.4	39.6	39.7	41.5	38.3	39.3	40.4	40.3	39.3	39.7	38.7	38.7
polyunsaturated (g)	10.7	11.3	10.9	10.4	10.8	11.0	10.6	10.7	10.8	11.0	9.8	11.0	11.0	10.9	10.4	10.7	10.0	10.0
Carbohydrate (g)	268	292	271	271	263	269	258	259	266	286	275	251	276	275	262	267	270	270
Calcium (mg)	960	920	950	930	1,010	960	1,000	980	970	970	940	920	960	980	950	980	990	990
Iron (mg)	11.0	12.2	11.0	10.8	10.7	10.8	10.8	11.0	11.0	11.1	11.3	10.9	11.3	11.3	10.8	10.9	10.6	10.6
Thiamin (mg)	1.22	1.28	1.20	1.20	1.24	1.23	1.21	1.23	1.22	1.26	1.15	1.19	1.24	1.24	1.20	1.22	1.20	1.20
Riboflavin (mg)	1.90	1.82	1.88	1.85	1.94	1.87	1.98	1.96	1.91	1.88	1.80	1.88	1.88	1.95	1.86	1.92	1.88	1.88
Nicotinic acid (mg)	15.9	16.7	15.5	15.3	15.3	15.9	15.8	16.5	16.0	15.6	15.0	16.5	16.0	16.2	15.7	15.7	15.0	15.0
Nicotinic acid equivalent (mg)	30.6	32.3	30.1	29.5	29.7	30.9	30.1	31.5	30.7	30.5	30.1	31.5	31.2	31.1	30.2	30.3	29.5	29.5
Vitamin C (mg)	54	53	51	49	52	51	53	62	55	54	48	67	52	52	52	56	52	52
Vitamin A: retinol (µg)	970	960	1,040	990	930	890	1,050	990	980	870	910	900	970	1,010	940	980	950	950
β-carotene (µg)	2,320	2,240	2,460	2,660	2,350	1,920	2,440	2,280	2,330	2,560	2,120	2,120	2,280	2,360	2,470	2,370	2,210	2,210
total (retinol equivalent) (µg)	1,350	1,340	1,450	1,430	1,320	1,200	1,460	1,370	1,370	1,300	1,260	1,250	1,350	1,400	1,350	1,370	1,320	1,320
Vitamin D (µg)	2.72	2.94	2.94	2.88	2.74	2.61	2.72	2.64	2.74	2.76	2.47	2.55	2.77	2.78	2.66	2.75	2.68	2.68

(i) Consumption per person per day

(ii) As a percentage of recommended intake

Energy	100	104	100	100	98	99	97	101	100	102	99	102	102	102	99	99	98	98
Protein	130	133	128	127	125	129	126	135	130	126	129	138	133	131	128	127	124	124
Calcium	178	186	174	175	172	177	172	184	179	175	178	188	182	179	176	175	171	171
Iron	102	111	101	102	97	98	99	103	102	100	103	105	104	104	100	100	97	97
Thiamin	132	135	129	131	131	130	130	135	132	132	123	134	133	133	130	131	128	128
Riboflavin	138	131	135	137	139	133	141	144	139	133	130	141	136	141	135	139	134	134
Nicotinic acid equivalent	195	204	190	193	187	193	189	203	196	190	191	208	198	197	193	192	185	185
Vitamin C	188	180	175	174	178	176	181	216	190	183	166	239	179	177	181	192	179	179
Vitamin A (retinol equivalent)	194	190	205	210	187	170	205	198	196	182	180	185	192	199	195	196	186	186

TABLE 35—continued

	Region										Type of area				
	Yorkshire & Humberside					South East(a)/ East Anglia					Metropolitan counties and Clydeside		Non-metropolitan counties		
	North	North West	East Midlands	West Midlands	South West	South East	England	Wales	Scotland	Greater London	7 or more	3 but less than 7	0.5 but less than 3	Less than 0.5	
Protein	12.9	12.9	12.7	13.0	13.0	13.4	13.0	12.4	13.1	13.6	12.9	13.0	12.9	12.9	2.8
Fat	41.7	41.9	41.5	42.6	43.5	43.0	42.6	42.3	41.2	43.5	42.3	42.0	42.3	42.6	42.0
Carbohydrate	44.6	45.2	45.8	44.3	43.8	43.6	44.4	45.3	45.8	42.9	44.8	44.3	44.5	44.5	45.3
	64.4	61.9	64.0	64.3	64.0	66.3	64.6	62.4	63.1	66.8	64.3	64.3	64.3	64.3	63.6
	(iii) Percentage of energy derived from protein, fat and carbohydrate														
	(iv) Animal protein as a percentage of total protein														
Total protein	32.2	32.2	31.9	32.6	32.5	33.6	32.7	31.1	32.7	34.1	32.4	32.6	32.3	32.3	32.0
Animal protein	19.9	20.6	20.2	21.0	21.2	22.2	21.1	19.4	20.6	22.8	20.8	20.9	20.7	20.7	20.3
Fat	46	47	46	47	48	48	47	47	46	48	47	47	47	47	47
Fatty acids:															
saturated	20.5	20.6	20.6	21.3	21.7	21.6	21.2	21.3	20.8	21.6	21.1	21.3	21.3	21.3	21.3
monounsaturated	17.5	17.6	17.3	17.7	17.9	17.8	17.7	17.5	17.0	18.0	17.6	17.8	17.7	17.7	17.3
polyunsaturated	4.7	4.9	4.7	4.8	4.8	4.8	4.8	4.6	4.3	5.1	4.8	4.7	4.7	4.5	
Carbohydrate	121	121	117	118	117	116	119	121	122	115	120	118	119	121	
Calcium	35.4	42.4	42.1	42.2	45.3	43.9	43.0	41.1	41.9	42.0	41.4	42.8	43.0	43.4	
Iron	4.9	4.9	4.9	4.8	4.9	4.9	4.9	4.7	5.0	5.0	4.9	4.9	4.8	4.8	
Thiamin	0.54	0.53	0.54	0.54	0.55	0.55	0.54	0.53	0.51	0.54	0.54	0.54	0.54	0.54	
Riboflavin	0.84	0.76	0.84	0.82	0.90	0.88	0.85	0.79	0.80	0.86	0.85	0.84	0.85	0.84	
Nicotinic acid equivalent	13.6	13.4	13.4	13.6	13.7	14.1	13.7	12.9	13.4	14.4	13.5	13.6	13.5	13.5	
Vitamin C	24.1	21.9	22.3	22.6	24.2	27.7	24.4	22.7	21.4	30.5	22.6	23.5	24.8	23.4	
Vitamin A	600	555	647	529	587	614	608	548	559	572	611	609	611	590	
Vitamin D	1.21	1.22	1.30	1.15	1.22	1.19	1.22	1.17	1.10	1.16	1.21	1.20	1.22	1.20	

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

TABLE 36
 Nutritional value of household food in different income groups, 1979

	Income group											All households
	Gross weekly income of head of household											
	Households with one or more earners					Households without an earner						
	£200 and over	£145 and under £200	£145 and over	£90 and under £145	£56 and £90	Less than £56	D	E1	E2	OAP		
A1	A2	All A	B	C								
	(i) Consumption per person per day											
Energy	2,040	2,140	2,110	2,180	2,240	2,300	2,460	2,440	2,620	2,440	2,250	
Protein	8.6	9.0	8.9	9.2	9.4	9.7	10.3	10.3	11.0	10.3	9.5	
Total protein	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	
Animal protein	69.9	72.0	71.4	72.0	73.0	73.4	81.4	74.9	81.1	74.9	73.4	
Fat	47.0	47.7	47.6	46.7	46.3	45.5	54.0	47.4	52.6	47.4	47.2	
Fatty acids:	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	
saturated	101	104	103	104	106	105	116	113	121	113	106	
monounsaturated	45.6	46.9	46.6	46.7	47.3	46.7	52.3	50.3	54.7	50.3	47.8	
polyunsaturated	37.0	38.4	38.0	38.7	39.5	39.6	43.1	42.0	45.3	43.1	39.7	
Carbohydrate	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	(g)	
Calcium	230	247	241	256	267	282	294	302	322	302	268	
Iron	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	
Thiamin	10.2	10.5	10.4	10.7	11.1	11.4	12.0	11.4	12.0	11.4	11.0	
Riboflavin	1.14	1.20	1.18	1.20	1.21	1.21	1.34	1.26	1.35	1.26	1.22	
Nicotinic acid	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	(mg)	
Nicotinic acid equivalent	15.7	15.9	15.9	15.6	15.8	15.4	17.3	15.9	17.0	15.9	15.9	
Vitamin C	29.7	30.3	30.1	30.0	30.5	30.3	33.8	31.0	33.5	31.0	30.6	
Vitamin A:	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	(µg)	
retinol	70	65	67	54	50	49	72	55	55	55	54	
β-carotene	970	830	880	870	1,000	1,080	1,040	950	1,280	1,040	970	
total (retinol equivalent)	2,290	2,290	2,300	2,320	2,280	2,430	3,270	2,060	2,330	2,060	2,320	
Vitamin D	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	(µB)	
	1,350	1,210	1,260	1,260	1,380	1,480	1,580	1,290	1,660	1,290	1,350	
	2.21	2.53	2.42	2.61	2.66	2.81	3.35	3.18	3.42	3.18	2.72	
	(ii) As a percentage of recommended intake											
Energy	97	100	99	98	97	100	106	112	118	112	100	
Protein	132	133	133	129	126	127	139	136	146	136	130	
(as a percentage of minimum requirement)	181	183	182	179	176	174	177	178	181	178	178	
Calcium	175	184	181	173	169	164	198	178	197	178	174	
Iron	98	100	100	100	102	102	105	103	109	103	102	
Thiamin	131	135	134	131	127	127	138	138	146	138	132	
Riboflavin	143	147	145	139	134	130	139	138	142	138	138	
Nicotinic acid equivalent	203	203	203	198	193	188	189	191	191	191	195	
Vitamin C	263	238	247	193	172	165	217	183	167	183	188	
Vitamin A (retinol equivalent)	209	184	193	188	197	206	193	174	203	174	194	

TABLE 36—continued

	Income group											All household	
	Gross weekly income of head of household						Households without an earner						OAP
	Households with one or more earners			Households without an earner			£56 or more	E1	E2	Less than £56			
	£200 and over	£145 and under £200	All A	£145 and over	£90 and under £145	£56 and under £90					D			Less than £56
Protein	13.7	13.4	13.5	13.2	13.0	12.8	12.2	13.2	12.4	13.0	12.4	13.0	
Fat	44.2	43.5	43.7	42.8	42.3	41.2	42.1	41.5	41.6	42.4	41.6	42.4	
Carbohydrate	42.1	43.1	42.8	44.0	44.7	46.0	44.7	46.3	46.0	44.6	46.0	44.6	
	67.3	66.3	66.6	66.6	63.5	62.0	66.4	63.3	64.9	64.4	64.9	64.4	
	(ii) Animal protein as a percentage of total protein												
	34.2	33.6	33.8	33.0	32.5	31.9	33.0	30.6	31.0	32.6	31.0	32.6	
Animal protein	23.0	22.3	22.5	21.4	20.7	19.8	21.9	19.4	20.1	21.0	20.1	21.0	
Fat	49	48	49	48	47	46	47	46	46	47	46	47	
Fatty acids:													
saturated	22.4	21.9	22.0	21.4	21.1	20.3	21.2	20.6	20.9	21.2	20.9	21.2	
monounsaturated	18.1	17.9	18.0	17.8	17.6	17.2	17.5	17.2	17.3	17.6	17.3	17.6	
polyunsaturated	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.9	4.5	4.8	4.5	4.8	
Carbohydrate	113	115	114	117	119	123	119	124	123	119	123	119	
Calcium	457	462	460	439	416	403	457	409	416	428	416	428	
Iron	5.0	4.9	4.9	4.9	5.0	4.9	4.9	4.7	4.6	4.9	4.6	4.9	
Thiamin	0.36	0.36	0.36	0.35	0.34	0.33	0.35	0.32	0.32	0.34	0.32	0.34	
Riboflavin	0.90	0.90	0.90	0.85	0.83	0.80	0.88	0.80	0.83	0.84	0.83	0.84	
Nicotinic acid equivalent	14.5	14.1	14.3	13.8	13.6	13.2	13.7	12.7	12.8	13.6	12.8	13.6	
Vitamin C	34	30	32	25	22	21	29	21	21	24	21	24	
Vitamin A (retinol equivalent)	660	564	597	578	615	646	643	528	636	600	636	600	
Vitamin D	1.08	1.18	1.15	1.20	1.19	1.22	1.36	1.30	1.31	1.21	1.31	1.21	
	(v) Consumption of nutrients per 1,000 kcal												
Total protein	34.2	33.6	33.8	33.0	32.5	31.9	33.0	30.6	31.0	32.6	31.0	32.6	
Animal protein	23.0	22.3	22.5	21.4	20.7	19.8	21.9	19.4	20.1	21.0	20.1	21.0	
Fat	49	48	49	48	47	46	47	46	46	47	46	47	
Fatty acids:													
saturated	22.4	21.9	22.0	21.4	21.1	20.3	21.2	20.6	20.9	21.2	20.9	21.2	
monounsaturated	18.1	17.9	18.0	17.8	17.6	17.2	17.5	17.2	17.3	17.6	17.3	17.6	
polyunsaturated	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.9	4.5	4.8	4.5	4.8	
Carbohydrate	113	115	114	117	119	123	119	124	123	119	123	119	
Calcium	457	462	460	439	416	403	457	409	416	428	416	428	
Iron	5.0	4.9	4.9	4.9	5.0	4.9	4.9	4.7	4.6	4.9	4.6	4.9	
Thiamin	0.36	0.36	0.36	0.35	0.34	0.33	0.35	0.32	0.32	0.34	0.32	0.34	
Riboflavin	0.90	0.90	0.90	0.85	0.83	0.80	0.88	0.80	0.83	0.84	0.83	0.84	
Nicotinic acid equivalent	14.5	14.1	14.3	13.8	13.6	13.2	13.7	12.7	12.8	13.6	12.8	13.6	
Vitamin C	34	30	32	25	22	21	29	21	21	24	21	24	
Vitamin A (retinol equivalent)	660	564	597	578	615	646	643	528	636	600	636	600	
Vitamin D	1.08	1.18	1.15	1.20	1.19	1.22	1.36	1.30	1.31	1.21	1.31	1.21	

TABLE 37

Nutritional value of food in households of different composition, 1979

	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	
Energy	2,630	2,010	2,600	2,170	2,040	2,000	2,010	2,420	2,190	1,920	2,260	(i) Consumption per person per day
Total protein	111.1	8.4	10.9	9.1	8.6	8.4	8.4	10.1	9.2	8.1	9.5	
Animal protein	83.6	63.1	85.3	72.1	66.6	63.2	62.5	81.3	70.0	59.5	76.4	
Fat	54.9	38.6	56.3	46.8	42.9	39.2	35.6	53.6	43.7	34.9	50.5	
Fatty acids:	122	88	126	104	95	91	86	119	100	84	110	
saturated	55.7	38.5	56.7	46.7	43.1	40.4	37.9	53.3	45.1	38.2	49.7	
monounsaturated	45.3	32.7	47.3	38.5	35.9	34.0	32.3	44.5	37.4	31.0	41.3	
polyunsaturated	11.7	6.7	12.5	10.3	9.9	9.6	9.4	11.7	10.1	8.4	10.3	
Carbohydrate	320	238	300	254	243	249	262	274	268	247	257	
Calcium	1,130	870	1,080	960	910	870	840	1,000	920	830	920	
Iron	12.5	9.9	12.6	10.8	9.9	9.7	10.1	11.9	10.6	9.3	11.2	
Thiamin	1.38	1.11	1.35	1.18	1.14	1.12	1.16	1.29	1.17	1.09	1.18	
Riboflavin	2.28	1.70	2.15	1.89	1.77	1.70	1.59	2.03	1.75	1.59	1.87	
Nicotinic acid	17.5	13.6	18.4	15.6	14.6	14.1	13.6	17.4	14.8	12.5	16.5	
Nicotinic acid equivalent	34.3	26.2	35.6	30.1	27.9	26.7	25.9	34.0	29.0	24.5	32.1	
Vitamin C	63	46	65	55	49	46	40	59	51	43	51	
Vitamin A: retinol	1,340	740	1,190	930	800	740	810	1,090	890	840	1,100	
β-carotene	2,530	2,240	2,840	2,430	2,080	1,760	1,900	2,590	2,180	1,650	2,060	
total (retinol equivalent)	1,760	1,120	1,660	1,330	1,150	1,030	1,130	1,520	1,250	1,110	1,440	
Vitamin D	3.38	2.41	3.31	2.71	2.38	2.48	2.33	2.85	2.35	2.28	2.50	
Energy	124	98	110	98	95	91	93	102	93	85	97	(ii) As a percentage of recommended intake
Protein	156	121	144	129	124	117	115	137	118	104	132	
(as a percentage of minimum requirement)	198	173	188	180	176	167	165	183	164	147	180	
Calcium	214	153	200	171	159	148	141	194	169	144	189	
Iron	115	91	114	102	94	90	94	110	96	85	107	
Thiamin	155	132	138	129	130	127	133	132	121	117	124	
Riboflavin	158	139	141	142	141	135	127	136	122	117	132	
Nicotinic acid equivalent	207	189	205	200	195	187	182	201	178	159	200	
Vitamin C	200	182	204	191	184	174	154	192	177	155	176	
Vitamin A (retinol equivalent)	224	183	210	197	186	169	185	198	174	165	199	

TABLE 37—continued

	Households with									
	No. of adults		1		2		3		4 or more	
	0	1 or more	0	1	2	3	4 or more	0	1 or 2	3 or more
Protein	12.7	12.6	13.1	13.3	13.0	12.6	12.4	12.8	12.4	13.5
Fat	41.7	39.3	43.7	42.9	42.4	40.9	38.7	41.3	39.4	43.9
Carbohydrate	45.6	48.1	43.2	43.9	44.6	46.5	48.9	45.9	48.2	42.6
	65.7	61.2	66.1	64.9	64.4	62.1	57.1	62.4	58.7	66.1
	(iii) Percentage of energy derived from protein, fat and carbohydrate									
Total protein	31.8	31.4	32.8	33.2	32.6	31.5	31.1	33.6	31.0	33.9
Animal protein	20.9	19.3	21.7	21.6	21.0	19.6	17.7	22.2	18.2	22.4
Fat	46	44	49	48	47	45	43	49	44	49
Fatty acids:										
saturated	21.2	19.2	21.8	21.5	21.1	20.2	18.9	22.0	19.9	22.1
monounsaturated	17.2	16.3	18.2	17.8	17.6	17.0	16.1	18.4	16.1	18.3
polyunsaturated	4.4	4.8	4.8	4.7	4.8	4.8	4.7	4.9	4.4	4.6
Carbohydrate	122	129	115	117	119	124	131	113	123	114
Calcium	431	433	415	443	445	436	418	414	432	408
Iron	4.7	4.9	4.9	5.0	4.9	4.8	5.0	4.9	4.9	5.0
Thiamin	0.52	0.56	0.52	0.54	0.56	0.56	0.58	0.53	0.57	0.52
Riboflavin	0.87	0.85	0.83	0.87	0.87	0.85	0.79	0.84	0.83	0.83
Nicotinic acid equivalent	13.0	13.1	13.7	13.9	13.7	13.3	12.9	14.1	12.8	14.2
Vitamin C	24	23	25	25	24	23	20	25	22	23
Vitamin A (retinol equivalent)	669	556	639	613	562	516	562	630	577	640
Vitamin D	1.28	1.20	1.27	1.25	1.17	1.24	1.16	1.18	1.19	1.11
	(iv) Animal protein as a percentage of total protein									
	(v) Consumption of nutrients per 1,000 kcal									
Total protein	31.8	31.4	32.8	33.2	32.6	31.5	31.1	33.6	31.0	33.9
Animal protein	20.9	19.3	21.7	21.6	21.0	19.6	17.7	22.2	18.2	22.4
Fat	46	44	49	48	47	45	43	49	44	49
Fatty acids:										
saturated	21.2	19.2	21.8	21.5	21.1	20.2	18.9	22.0	19.9	22.1
monounsaturated	17.2	16.3	18.2	17.8	17.6	17.0	16.1	18.4	16.1	18.3
polyunsaturated	4.4	4.8	4.8	4.7	4.8	4.8	4.7	4.9	4.4	4.6
Carbohydrate	122	129	115	117	119	124	131	113	123	114
Calcium	431	433	415	443	445	436	418	414	432	408
Iron	4.7	4.9	4.9	5.0	4.9	4.8	5.0	4.9	4.9	5.0
Thiamin	0.52	0.56	0.52	0.54	0.56	0.56	0.58	0.53	0.57	0.52
Riboflavin	0.87	0.85	0.83	0.87	0.87	0.85	0.79	0.84	0.83	0.83
Nicotinic acid equivalent	13.0	13.1	13.7	13.9	13.7	13.3	12.9	14.1	12.8	14.2
Vitamin C	24	23	25	25	24	23	20	25	22	23
Vitamin A (retinol equivalent)	669	556	639	613	562	516	562	630	577	640
Vitamin D	1.28	1.20	1.27	1.25	1.17	1.24	1.16	1.18	1.19	1.11

Nutritional value of food in households of different composition within income groups, 1979

	Income group	Households with					3 or more adults, 1 or more children		
		Adults only	1 adult, 1 or more children	1 child	2 children	2 adults and 3 children		4 or more children	
Energy	(kcal)			(i) Consumption per person per day					
				2,340	2,010	2,140	(1,860)	1,920	
		2,520	(2,020)	2,080	2,060	2,030	2,010	2,170	
		2,490	2,050	2,190	2,050	2,010	2,070	2,160	
		2,650	2,020	2,220	2,070	1,950	(1,960)	2,080	
(MJ)	A	9.8	*	9.8	8.4	9.0	(7.8)	8.1	
	B	10.6	(8.5)	8.7	8.6	8.5	8.4	9.1	
	C	10.5	8.6	9.2	8.6	8.5	8.7	9.1	
	D & E2	11.1	8.5	9.3	8.7	8.2	(8.3)	8.7	
(g)	A	82.4	*	78.5	66.1	70.4	(64.2)	63.4	
	B	86.7	(64.8)	69.9	66.7	63.5	63.8	69.0	
	C	82.7	65.7	72.0	66.9	64.2	62.7	67.6	
	D & E2	83.4	62.6	71.2	66.7	58.1	(56.5)	66.0	
(g)	A	57.2	*	51.8	43.5	45.8	(39.7)	41.0	
	B	58.9	(43.1)	45.7	43.2	39.6	36.6	42.9	
	C	53.9	39.8	46.1	42.6	39.9	36.5	41.0	
	D & E2	53.7	37.7	46.2	40.5	33.8	(28.1)	39.1	
(g)	A	118	*	116	95	103	(84)	89	
	B	126	(90)	100	99	92	86	98	
	C	122	90	103	95	89	93	98	
	D & E2	125	87	102	93	87	(76)	94	
Fatty acids: saturated	(g)	A	53.6	*	52.6	43.2	44.7	(37.8)	41.1
		B	56.6	(38.7)	45.1	44.1	40.8	37.8	44.1
		C	54.8	39.8	46.4	42.1	40.1	40.0	43.9
		D & E2	55.8	38.1	45.6	41.4	38.1	(33.3)	41.3

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	
Fatty acids—continued monounsaturated (g)	A	44.2	(34.2)	42.9	35.1	37.7	(31.2)
	B	47.0	(34.2)	37.0	36.6	34.6	32.0
	C	45.8	33.3	38.4	35.5	33.5	35.0
	D & E2	46.7	32.5	38.5	35.0	32.6	(27.8)
polyunsaturated (g)	A	11.2	*	11.6	9.8	12.6	(8.2)
	B	12.2	(10.4)	9.7	10.1	9.9	9.0
	C	11.9	10.3	10.4	9.6	8.7	10.6
	D & E2	12.6	9.6	10.1	9.6	9.0	(8.3)
Carbohydrate (g)	A	250	*	262	235	248	(226)
	B	278	(254)	242	241	251	262
	C	284	260	259	249	253	270
	D & E2	317	261	271	257	249	(281)
Calcium (mg)	A	1,030	*	1,050	920	1,060	(850)
	B	1,050	(890)	950	920	880	870
	C	1,030	940	940	880	850	790
	D & E2	1,060	850	940	900	730	(850)
Iron (mg)	A	11.9	*	11.6	9.7	10.2	(9.5)
	B	12.6	(9.6)	10.4	9.8	9.8	10.1
	C	12.4	10.4	11.0	10.2	9.9	10.4
	D & E2	12.6	9.9	10.8	10.3	9.5	(9.5)
Thiamin (mg)	A	1.25	*	1.33	1.11	1.22	(1.12)
	B	1.34	(0.99)	1.13	1.14	1.12	1.18
	C	1.31	1.14	1.17	1.14	1.12	1.17
	D & E2	1.34	1.12	1.09	1.14	1.04	(1.12)

(i) Consumption per person per day—continued

	Income group	Households with						3 or more adults, 1 or more children
		Adults only	1 adult, 1 or more children	2 adults and				
				1 child	2 children	3 children	4 or more children	
				(i) Consumption per person per day—continued				
Riboflavin (mg)	A B C D & E2	2.12 2.15 2.04 2.12	(1.62) 1.76 1.70	2.11 1.84 1.87 1.82	1.78 1.77 1.78 1.71	1.93 1.73 1.69 1.47	(1.63) 1.58 1.64 (1.36)	1.66 1.76 1.71 1.58
Nicotinic acid (mg)	A B C D & E2	18.0 19.1 17.6 17.6	* (13.0) 13.7 13.9	18.1 15.1 15.7 14.0	15.2 14.5 14.9 13.8	15.5 14.4 14.7 12.4	(14.5) 13.6 14.4 (10.9)	13.4 14.7 14.1 13.9
Nicotinic acid equivalent (mg)	A B C D & E2	34.7 36.6 34.4 34.6	* (26.3) 26.6 26.3	33.7 29.1 30.2 28.6	28.4 27.7 28.3 27.4	29.4 26.9 27.6 24.2	(26.8) 26.2 26.7 (22.1)	26.2 28.6 27.9 27.4
Vitamin C (mg)	A B C D & E2	76 69 59 60	* (54) 46 46	76 54 49 48	63 48 44 43	66 48 42 37	(50) 39 41 (34)	65 52 44 41
Vitamin A: retinol (µg)	A B C D & E2	1,340 1,140 1,140 1,170	* (750) 530 830	910 840 980 1,060	720 800 860 750	730 710 750 990	(550) 690 1,060 (570)	570 770 1,030 1,080
β-carotene (µg)	A B C D & E2	2,510 2,690 2,780 2,620	* 3,510 2,020 1,980	2,640 2,420 2,340 2,320	2,380 2,080 1,870 2,070	2,290 1,750 1,900 1,310	(1,590) 2,820 1,530 (1,030)	1,780 2,250 1,920 1,780

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>(i) Consumption per person per day—continued</i>				
Vitamin A—continued total (retinol equivalent) (μg)	A	1,760	*	1,360	1,120	1,120	860	
	B	1,590	(1,340)	1,240	1,150	1,010	1,150	
	C	1,610	870	1,370	1,170	1,070	1,350	
	D & E2	1,610	1,160	1,450	1,090	1,210	1,380	
Vitamin D	A	2.95	*	2.80	2.19	2.48	1.98	
	B	3.09	(2.97)	2.63	2.39	2.58	2.35	
	C	2.97	2.10	2.58	2.45	2.71	2.38	
	D & E2	3.17	2.51	3.38	2.60	2.32	2.66	
				<i>(ii) As a percentage of recommended intake</i>				
Energy	A	106	*	108	98	100	88	
	B	107	(97)	94	96	95	94	
	C	103	100	97	93	93	91	
	D & E2	114	98	101	95	88	87	
Protein	A	148	*	144	128	132	116	
	B	147	(123)	127	124	118	119	
	C	136	127	127	121	118	112	
	D & E2	143	121	129	123	105	109	
(as a percentage of minimum requirement)	A	197	*	198	180	186	158	
	B	199	(174)	175	177	170	168	
	C	185	179	180	174	169	157	
	D & E2	185	173	178	172	148	153	
Calcium	A	212	*	192	166	179	171	
	B	205	(165)	170	162	151	168	
	C	196	176	166	153	145	160	
	D & E2	192	152	152	132	132	132	

	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>(ii) As a percentage of recommended intake—continued</i>						
Iron.	A B C D & E2	115 116 113 113	* (92) 100 90	110 98 103 100	94 93 95 94	94 92 92 86	(90) 94 95 (86)	87 95 93 91	
Thiamin	A B C D & E2	136 138 131 138	* (117) 136 133	149 125 127 119	132 131 126 129	140 128 126 115	(134) 134 131 (125)	119 126 116 113	
Riboflavin	A B C D & E2	152 147 137 139	* (130) 143 141	160 139 140 136	145 142 140 133	154 140 134 113	(132) 126 130 (105)	124 126 118 110	
Nicotinic acid equivalent	A B C D & E2	218 221 202 198	* (186) 189 191	225 194 200 188	204 195 195 187	206 191 192 163	(191) 183 186 (151)	172 179 171 166	
Vitamin C	A B C D & E2	262 226 189 185	* (219) 185 178	271 189 169 166	243 182 163 154	251 183 157 136	(197) 151 159 (127)	240 184 149 139	
Vitamin A (retinol equivalent)	A B C D & E2	244 211 208 200	* (219) 142 190	204 184 203 211	187 187 187 170	181 166 173 190	(137) 190 215 (120)	129 164 188 189	

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	
Protein	A	14.1	(iii) *	13.4	13.2	13.2	13.2
	B	13.8	(12.8)	13.4	13.0	12.5	12.7
	C	13.3	12.8	13.2	13.0	12.8	12.5
	D & E2	12.6	12.4	12.8	12.9	11.9	12.7
Fat	A	45.4	*	44.6	42.8	43.3	41.9
	B	44.9	(40.1)	43.1	43.1	41.1	40.8
	C	44.1	39.6	42.5	41.4	40.0	40.7
	D & E2	42.5	38.9	41.4	40.5	40.1	40.7
Carbohydrate	A	40.5	*	42.0	44.0	43.5	44.9
	B	41.3	(47.0)	43.5	43.9	46.4	46.5
	C	42.7	47.6	44.4	45.6	47.3	46.8
	D & E2	44.9	48.7	45.8	46.6	48.0	46.6
		(iv) Animal protein as a percentage of total protein					
Total protein	A	69.5	*	66.0	65.7	65.1	64.7
	B	67.9	(66.5)	65.4	64.7	62.3	62.1
	C	65.1	60.5	64.1	63.7	62.1	58.3
	D & E2	64.4	60.2	64.9	60.7	58.2	59.2
		(v) Consumption of nutrients per 1,000 kcal					
Total protein	A	35.1	*	33.5	32.9	33.0	33.0
	B	34.4	(32.1)	33.6	32.4	31.4	31.8
	C	33.2	32.0	32.9	32.5	31.9	31.2
	D & E2	31.5	31.0	32.0	32.2	29.8	31.8
Animal protein	A	24.4	*	22.1	21.7	21.5	21.4
	B	23.4	(21.3)	21.9	21.0	19.5	19.8
	C	21.2	19.4	21.1	20.7	19.0	19.0

	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 1,000 kcal—continued								
Fat	(g)	50	* (45)	50	48	48	(45)	47
		50	44	48	46	46	43	45
		49	43	47	44	44	45	45
		47		46			(39)	
Fatty acids: saturated	(g)	22.9	*	22.5	21.5	21.0	(20.3)	21.4
		22.5	(19.2)	21.7	21.5	20.2	18.8	20.3
		22.0	19.4	21.2	20.5	19.9	19.3	20.3
		21.1	18.9	20.5	19.9	19.6	(17.0)	19.9
monounsaturated	(g)	18.9	*	18.3	17.5	17.7	(16.8)	17.0
		18.7	(16.9)	17.8	17.8	17.1	15.9	16.8
		18.4	16.2	17.6	17.3	16.7	16.9	16.9
		17.6	16.1	17.3	16.9	16.7	(14.2)	16.9
polyunsaturated	(g)	4.8	*	5.0	4.9	5.9	(4.4)	4.5
		4.9	(5.2)	4.7	4.9	4.9	4.5	4.6
		4.8	5.0	4.7	4.7	4.4	5.1	4.5
		4.8	4.8	4.5	4.6	4.6	(4.2)	4.7
Carbohydrate	(g)	108	*	112	117	116	(121)	120
		110	(125)	116	117	124	131	124
		114	127	118	121	126	126	125
		120	130	122	124	128	(143)	124
Calcium	(mg)	440	*	448	459	495	(456)	475
		417	(442)	458	484	436	435	427
		411	456	429	428	425	380	409
		401	422	422	433	375	(433)	384

TABLE 38—continued

	Income group	Households with					Consumption of nutrients per 1,000 kcal—continued	
		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		
Iron (mg)	A B C D & E2	5.1 5.0 5.0 4.8	• (4.7) 5.1 4.9	4.9 4.8 5.0 4.9	4.9 4.8 5.0 4.9	4.8 4.8 4.9 4.9	(5.1) 5.0 5.0 (4.8)	4.8 4.8 4.8 5.1
Thiamin (mg)	A B C D & E2	0.53 0.53 0.52 0.51	• (0.49) 0.56 0.56	0.57 0.54 0.54 0.49	0.55 0.56 0.55 0.55	0.57 0.55 0.55 0.53	(0.60) 0.59 0.56 (0.57)	0.55 0.55 0.53 0.53
Riboflavin (mg)	A B C D & E2	0.91 0.85 0.82 0.80	• (0.80) 0.86 0.84	0.90 0.88 0.85 0.82	0.89 0.86 0.87 0.83	0.91 0.85 0.84 0.76	(0.88) 0.79 0.79 (0.69)	0.87 0.81 0.79 0.76
Nicotinic acid equivalent (mg)	A B C D & E2	14.8 14.5 13.8 13.1	• (13.0) 13.0 13.1	14.4 14.0 13.8 12.9	14.1 13.5 13.8 13.2	13.8 13.3 13.7 12.4	(14.4) 13.1 12.9 (11.3)	13.6 13.2 12.9 13.2
Vitamin C (mg)	A B C D & E2	32 27 24 23	• (27) 22 23	32 26 22 22	31 23 21 20	31 23 21 19	(27) 19 20 (17)	34 24 20 20
Vitamin A (retinol equivalent) (µg)	A B C D & E2	750 631 644 608	• (662) 425 574	579 597 627 649	559 560 569 527	524 496 530 621	(440) 578 636 (380)	450 530 625 663

	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	
Vitamin D (µg)	A	1.26		1.20	1.09	1.16	(0.82)	1.03
	B	1.23	(1.47)	1.26	1.16	1.27	1.10	1.08
	C	1.19	1.02	1.18	1.19	1.22	1.31	1.10
	D & E2	1.20	1.25	1.32	1.25	1.19	(1.11)	1.28
				(v) Consumption of nutrients per 1,000 kcal—continued				
			(vi) "Price of energy" index (a), all foods					
	A	122	•	114	106	100	(108)	107
	B	113	(99)	106	98	91	83	93
	C	105	97	99	94	89	81	88
	D & E2	99	90	94	87	80	(68)	88
	All income groups (b)	106	93	103	98	90	83	92

*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, 1979

	Age of housewife						All households	
	Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
	(i) Consumption per person per day							
Energy	1,930	1,970	2,170	2,460	2,690	2,560	2,420	2,250
Total protein	8.1	8.3	9.1	10.3	11.3	10.7	10.2	9.5
Animal protein	63.8	64.8	70.3	80.1	89.1	80.4	74.4	73.4
Fat	40.5	41.5	44.5	51.2	59.2	52.4	48.6	47.2
Fatty acids:								
saturated	40.5	93	101	116	130	120	111	106
monounsaturated	33.6	41.7	45.0	52.4	58.5	54.4	50.4	47.8
polyunsaturated	8.9	34.7	37.6	43.4	48.9	44.9	41.1	39.7
Carbohydrate	230	234	262	291	311	308	301	268
Calcium	850	880	930	1,020	1,110	1,070	1,020	960
Iron	9.9	9.8	10.5	12.0	13.0	12.0	11.0	11.0
Thiamin	1.07	1.10	1.19	1.31	1.41	1.31	1.24	1.22
Riboflavin	1.68	1.72	1.80	2.02	2.23	2.12	2.03	1.90
Nicotinic acid	13.9	14.3	15.3	17.2	19.0	16.8	15.6	15.9
Nicotinic acid equivalent	26.7	27.2	29.3	33.4	37.2	33.1	30.8	30.6
Vitamin C	46	50	52	59	64	58	52	54
Vitamin A:								
retinol	860	790	850	1,130	1,200	1,200	1,140	970
β-carotene	1,930	2,170	2,200	2,410	2,680	2,790	2,120	2,320
total (retinol equivalent)	1,180	1,150	1,210	1,530	1,640	1,670	1,500	1,350
Vitamin D	2.49	2.42	2.45	2.78	3.50	3.15	3.20	2.72
	(ii) As a percentage of recommended intake							
Energy	92	94	95	101	114	110	119	100
Protein	122	124	122	131	150	137	146	130
(as a percentage of minimum requirement)								
Calcium	172	177	170	180	197	177	170	178
Iron	157	158	164	188	205	193	189	174
Thiamin	100	95	95	105	120	108	100	102
Riboflavin	124	129	127	131	144	134	147	132
Nicotinic acid equivalent	137	142	131	136	146	136	135	138
Vitamin C	191	197	187	198	213	187	179	188
Vitamin A (retinol equivalent)	167	188	189	196	201	177	159	188
	187	107	177	204	207	204	162	162

TABLE 39 continued

	Age of housewife						All households
	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	13.2	13.1	13.0	13.0	13.2	12.6	12.3
Fat	42.0	42.5	41.9	42.6	43.5	42.3	41.1
Carbohydrate	44.7	44.4	45.2	44.3	43.2	45.2	46.6
	(iv) Animal protein as a percentage of total protein						
	63.6	64.0	63.4	63.9	66.4	65.2	65.3
	(v) Consumption of nutrients per 1,000 kcal						
Total protein	33.1	32.9	32.4	32.6	33.1	31.5	30.8
Animal protein	21.0	21.0	20.5	20.8	22.0	20.5	20.1
Fat	47	47	47	47	48	47	46
Fatty acids:							
saturated	21.0	21.2	20.8	21.3	21.7	21.3	20.9
monounsaturated	17.5	17.6	17.4	17.7	18.2	17.6	17.0
polyunsaturated	4.6	4.9	4.8	4.7	4.7	4.5	4.4
Carbohydrate	119	119	121	118	116	121	124
Calcium	443	447	428	417	413	418	422
Iron	5.2	5.0	4.9	4.9	4.9	4.7	4.5
Thiamin	0.56	0.56	0.55	0.54	0.53	0.51	0.51
Riboflavin	0.87	0.87	0.83	0.82	0.83	0.83	0.84
Nicotinic acid equivalent	13.9	13.8	13.5	13.6	13.8	13.0	12.7
Vitamin C	24	25	24	24	24	23	21
Vitamin A (retinol equivalent)	614	583	559	625	611	653	618
Vitamin D	1.29	1.23	1.13	1.13	1.30	1.23	1.32

TABLE 40
Nutritional value of food in households classified according to housing tenure, 1979

	Type of dwelling						All households
	Unfurnished		Furnished, rented	Rent free	Owned outright	Owned with mortgage	
	Council	Other rented					
Energy	2,310	2,260	1,860	2,180	2,450	2,130	2,250
Total protein	9.7	9.5	7.8	9.2	10.3	8.9	9.5
Animal protein	74.2	73.6	63.5	69.4	80.1	69.8	73.4
Fat	46.4	47.9	40.8	44.0	53.2	45.2	47.2
Fat acids:	107	108	89	103	118	101	106
saturated	47.5	48.7	39.2	47.2	53.2	45.4	47.8
monounsaturated	40.0	40.1	32.7	38.2	43.9	37.6	39.7
polyunsaturated	10.8	10.4	9.8	9.9	11.5	10.3	10.7
Carbohydrate	282	267	217	261	286	251	268
Calcium	930	960	850	980	1,060	950	960
Iron	11.3	11.0	9.5	10.5	11.7	10.4	11.0
Thiamin	1.23	1.20	1.02	1.15	1.30	1.18	1.22
Riboflavin	1.85	1.91	1.68	1.90	2.09	1.85	1.90
Nicotinic acid	15.9	15.8	13.5	14.2	17.2	15.3	15.9
Nicotinic acid equivalent	31.0	30.7	26.1	28.2	33.4	29.2	30.6
Vitamin C	48	54	49	53	55	62	54
Vitamin A:							
retinol	1,020	1,070	910	940	1,060	870	970
β-carotene	2,060	2,280	2,560	1,980	2,710	2,360	2,320
total (retinol equivalent)	1,360	1,450	1,340	1,270	1,510	1,260	1,350
Vitamin D	2.75	2.74	1.97	2.71	2.98	2.57	2.72
Energy	101	101	91	94	106	97	100
Protein	129	131	124	119	138	127	130
(as a percentage of minimum requirement)	179	178	167	165	182	176	178
Calcium	166	177	171	174	193	172	174
Iron	104	102	99	94	106	98	102
Thiamin	131	129	121	121	136	131	132
Riboflavin	133	137	133	135	140	140	138
			(ii) As a percentage of recommended intake				

TABLE 40 continued

	Type of dwelling				All households		
	Unfurnished		Furnished, rented	Rent free		Owned outright	Owned with mortgage
	Council	Other rented					
(ii) As a percentage of recommended intake—continued							
Nicotinic acid equivalent	196	194	182	176	197	195	
Vitamin C	168	185	177	179	198	188	
Vitamin A (retinol equivalent)	194	204	207	178	196	194	
(iii) Percentage of energy derived from protein, fat and carbohydrate							
Protein	12.8	13.0	13.6	12.7	13.1	13.0	
Fat	41.5	42.8	42.7	42.5	42.7	42.4	
Carbohydrate	45.7	44.2	43.7	44.8	43.7	44.6	
(iv) Animal protein as a percentage of total protein							
	62.5	65.0	64.2	63.4	66.3	64.4	
(v) Consumption of nutrients per 1,000 kcal							
Total protein	32.1	32.6	34.1	31.8	32.7	32.6	
Animal protein	20.1	21.2	21.9	20.1	21.7	21.0	
Fat	46	48	48	47	48	47	
Fatty acids:							
saturated	20.5	21.6	21.0	21.6	21.7	21.2	
monounsaturated	17.3	17.7	17.5	17.5	17.9	17.6	
polyunsaturated	4.7	4.6	5.3	4.5	4.7	4.8	
Carbohydrate	122	118	117	120	117	119	
Calcium	401	426	454	450	434	428	
Iron	4.9	4.9	5.1	4.8	4.8	4.9	
Thiamin	0.53	0.53	0.55	0.53	0.53	0.54	
Riboflavin	0.80	0.85	0.90	0.87	0.85	0.84	
Nicotinic acid equivalent	13.4	13.6	14.0	12.9	13.6	13.6	
Vitamin C	21	24	26	24	25	24	
Vitamin A (retinol equivalent)	587	641	718	582	616	600	
Vitamin D	1.19	1.21	1.06	1.24	1.22	1.21	

TABLE 41
Nutritional value of food in households owning a deep-freezer and in other households, 1979

	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
	(i) Consumption per person per day				
Energy	2,220	2,290	2,250	2,170	2,230
Total protein	9.3	9.6	9.5	9.1	9.4
Animal protein	74.3	72.7	73.4	72.7	72.7
Fat	48.8	45.9	47.2	47.9	46.8
Fatty acids:	107	106	106	104	105
saturated	48.0	47.6	47.8	47.0	47.3
monounsaturated	39.9	39.6	39.7	38.9	39.2
polyunsaturated	10.7	10.7	10.7	10.3	10.5
Carbohydrate	257	278	268	251	266
Calcium	980	950	960	960	960
Iron	10.9	11.1	11.0	10.7	10.9
Thiamin	1.22	1.22	1.22	1.20	1.21
Riboflavin	1.92	1.88	1.90	1.91	1.89
Nicotinic acid	16.3	15.5	15.9	15.9	15.7
Nicotinic acid equivalent	31.2	30.1	30.6	30.5	30.3
Vitamin C	58	51	54	58	54
Vitamin A:					
retinol	920	1,010	970	970	990
β-carotene	2,400	2,250	2,320	2,320	2,280
total (retinol equivalent)	1,320	1,380	1,350	1,360	1,370
Vitamin D	2.65	2.77	2.72	2.62	2.70
	(ii) As a percentage of recommended intake				
Energy	98	102	100	96	99
Protein	131	129	130	128	129
(as percentage of minimum requirement)					
Calcium	181	176	178	177	176
Iron	176	173	174	174	173
Thiamin	101	103	102	99	101
Riboflavin	131	132	132	129	131
Nicotinic acid equivalent	140	136	138	139	137
Vitamin C	200	191	195	196	193

	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
(iii) Percentage of energy derived from protein, fat and carbohydrate					
Protein	13.4	12.7	13.0	13.4	13.0
Fat	43.3	41.7	42.4	43.2	42.4
Carbohydrate	43.4	45.6	44.6	43.4	44.6
(iv) Animal protein as a percentage of total protein					
	65.8	63.1	64.4	65.9	64.4
(v) Consumption of nutrients per 1,000 kcal					
Total protein	33.5	31.8	32.6	33.5	32.6
Animal protein	22.0	20.1	21.0	22.1	21.0
Fat	48	46	47	48	47
Fatty acids:					
saturated	21.6	20.8	21.2	21.7	21.2
monounsaturated	18.0	17.3	17.6	17.9	17.6
polyunsaturated	4.8	4.7	4.8	4.8	4.7
Carbohydrate	116	122	119	116	119
Calcium	440	417	428	444	429
Iron	4.9	4.9	4.9	5.0	4.9
Thiamin	0.55	0.53	0.54	0.55	0.54
Riboflavin	0.87	0.82	0.84	0.88	0.85
Nicotinic acid equivalent	14.1	13.2	13.6	14.1	13.6
Vitamin C	26	22	24	27	24
Vitamin A (retinol equivalent)	594	605	600	627	615
Vitamin D	1.19	1.21	1.21	1.21	1.21

(a) See paragraphs 8 and 29.

TABLE 42
Nutrients obtained for one penny from selected foods, national averages, 1979 (a)

	Energy kcal	Protein g	Fat g	Carbo- hydrate g	Calcium mg	Iron mg	Thiamin mg	Riboflavin mg	Nicotinic acid equivalent mg	Vitamin C mg	Retinol equivalent µg	Vitamin D µg
All foods	24	0.8	1.1	2.9	10	0.1	0.01	0.02	0.3	1	14	0.03
Liquid milk (b)	26	1.3	1.6	1.9	48		0.02	0.08	0.3	...	14	0.01
Cheese	21	1.3	1.7		39			0.03	0.3		17	
Beef and veal	9	0.7	0.6			0.1		0.01	0.4			
Mutton and lamb	13	0.7	1.2			0.1		0.01	0.3			
Pork	14	0.4	1.2			...	0.02	0.01	0.3			
Liver	11	1.3	0.6			0.8	0.01	0.21	1.2	1	1,024	0.05
Bacon and ham, uncooked	16	0.6	1.5			...	0.01	0.01	0.2			
Bacon and ham, cooked	9	0.8	0.6			0.1	0.02	0.01	0.6			
Poultry, uncooked	8	1.1	0.4			0.1		0.01	0.5			
Sausages, uncooked	28	0.9	2.4	0.9	4	0.1		0.01	0.5			
Fat fish, including canned or bottled fish (b)	8	0.8	0.6		7	0.1		0.01	0.4			0.46
White fish, including frozen (b)	8	0.7	0.3			...			0.2			
Frozen convenience fish products	8	0.7	0.3		6	0.2	0.01	0.05	0.4		15	0.19
Eggs (b)	16	1.3	1.2								57	0.05
Butter	51		5.6								111	
Margarine	101		11.2									1.10
Sugar	122			32.5								
Potatoes, old (b)	52	1.2		12.4	6	0.3	0.05	0.02	1.1	5		
Potatoes, new (b)	32	0.8		7.5	3	0.3	0.04	0.02	0.7	6		
Fresh green vegetables (excluding peas and beans) (b)	8	0.5		1.9	7	0.1	0.01	0.02	0.2	3	13	
Carrots (b)	18	0.3		2.9	17	0.2	0.02	0.02	0.2	1	640	
Beans, canned	8	1.4		1.1	12	0.4	0.02	0.01	0.4	2	13	
Peas, frozen	8	0.8		1.1	5	0.2	0.04	0.01	0.5	3	7	
Tomatoes, including canned (b)						0.1	0.01		0.1	3	15	
Oranges (b)	7			1.5	8	0.1	0.02			9		
Fresh fruit, excluding citrus (b)	16			1.8		0.1	0.01			2		
Fruit juices				4.3		0.1	0.01			15		
Bread, white (standard loaves)	64	2.1	0.5	13.4	25	0.4	0.05	0.01	0.6			
Bread, brown and wholemeal	48	1.9	0.5	9.7	15	0.5	0.05	0.01	0.5			
Biscuits	42	0.6	1.9	6.0	9	0.2	0.01	0.14	1.5			
Breakfast cereals	41	1.1		9.1		0.5	0.14					
Soups, canned	11	0.3	0.5	1.3	5	0.1	...	0.01	0.1	...	7	
Ice-cream	26	0.6	1.2	3.5	19	...	0.01	0.02	0.1			

TABLES OF NUTRITIONAL VALUE FOR MONEY OF SELECTED FOODS, NATIONAL AVERAGES, 1915 (a)

	Energy	Protein	Fat	Carbo- hydrate	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)	109	167	138	67	469		117	377	105	71	94	100
Cheese	86	168	150		377			124	94		119	47
Beef and veal	36	94	56			70		44	116			
Mutton and lamb	54	86	102			46		39	103			
Pork	58	48	109			32	138	40	103			
Liver	46	172	51			664	95	1,020	374	120	7,089	177
Bacon and ham, uncooked	65	74	129			37	125	34	72			
Bacon and ham, cooked	39	108	53			39		45	86			
Poultry, uncooked	37	143	36			59		45	187			
Sausages, uncooked	116	109	208	31	37	88		51	161			1,580
Fat fish, including canned or bottled (b)	35	107	49		67	67		46	126			
White fish, including frozen (b)	94	94	30		67	31	62	247	77		103	641
Frozen convenience fish products	35	85	30		56	185			57		392	177
Eggs (b)	66	166	101			37			121		767	3,791
Butter	210	494	989									
Margarine	420											
Sugar	507			1,133								
Potatoes, old (b)	216	147		432	56	253	399	113	323	806		
Potatoes, new (b)	134	108		261	33	254	288	75	223	1,086		
Fresh green vegetables, excluding peas and beans (b)	63	63		65	69	102	71	77	52	506	91	
Carrots (b)	32	38		100	163	181	126	82	74	187	4,428	
Beans, canned	74	176		37	115	327	128	68	118	330	89	
Peas, frozen	33	108			46	153	315	73	138	515	51	
Tomatoes, including canned (b)						67	68		38		100	
Oranges (b)	30			53	74	43	136			1,544		
Fresh fruit, excluding citrus (b)	68			64		50	46			306		
Fruit juices				150		76	64			2,550		
Bread, white (standard loaves)	264	270	41	469	241	344	389		177			
Bread, brown and wholemeal	200	242	40	340	142	438	406	46	144			
Biscuits	173	75	166	210	91	139	78	38	48			
Breakfast cereals	172	142		317		383	1,083	683	450			
Soups, canned	45	40	48	46	45	106	37	42	43	67	48	
Ice-cream	109	71	108	121	184	38	48	118	44			

(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

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 in the Survey does so voluntarily, and without payment, for one week only. By regularly changing the households surveyed, information is obtained continuously throughout the year except for a short break at Christmas and during General Election periods. Each household is provided with a specially designed log-book in which the housewife (or other nominee) records, under supervision by an interviewer, the description, quantity and—for purchases—the cost of food intended for human consumption which enters the household during the week it participates in the survey. Ice-cream, fish and chips, and other take-away meals are excluded unless bought to eat as a meal in the home, and certain items which individual members of the family often purchase for themselves, such as chocolates, sugar confectionery, soft drinks,¹ and alcohol are also excluded. Households are also asked to record particulars of the number and type of meals obtained and consumed outside the home by each member of the family, but not of the cost or composition of such meals; however, the quantity of school milk obtained by children is recorded. Information about characteristics of the household and of its members is recorded on a separate questionnaire. The information obtained from individual households is strictly confidential.

The sample

1 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 46 Parliamentary constituencies; the second, the selection of polling districts or combinations thereof within the selected constituencies; and the third or 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.

2 *First stage.* The Parliamentary constituencies in the sampling frame are ordered into 46 strata, stratification being according to two factors:— first, according to current standard region, and second, according to 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 46 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

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

of electorate as the number of constituencies to be selected, and one constituency is selected randomly from each group with probability of selection proportional to the size of the electorate. If a constituency which has been included in the *selected* sample in either of the two preceding years is selected it is discarded and replaced by another selected at random from the stratum.

4 *Second stage.* The second-stage units are polling districts or, where 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 46 constituencies are listed in descending order of the electoral density of the wards in which they are situated; they 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 7 below).

5 *Third stage.* The design of the sample requires that a uniform over-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. Exceptionally, in the first six months of 1979, however, only 19 addresses were selected from each second-stage sampling unit so that the saving in fieldwork resources thereby achieved could be devoted to a small-scale experiment in Survey methodology.

6 A polling district may by chance be selected more than once in the sample for use during a single calendar year. When this happens, the whole sample of addresses from that polling district is drawn simultaneously and then subsampled to provide the samples for the separate periods. Of the addresses thus selected for the year, a few cannot be visited, and some are found to be ineligible (eg being institutions), but of the total number of households contained in the remainder about half complete a satisfactory log-book (response being rather greater in Scotland and northern England than in Wales and southern England and least of all in parts of London).

7 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 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 intermediate 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 46 constituencies are divided into 2 sets of 23. These two sets are used alternately, so that in one 21-day interval, one set of 23 constituencies is used covering 46 polling districts. In the next interval the other set of 23 constituencies is used covering a further 46 polling districts made up of the second pairs of each of the blocks of four selected as described in paragraph 4 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 is completely balanced, each set being used for a total of $8\frac{1}{2}$ intervals.

8 The 46 Parliamentary constituencies selected for survey in 1979 are listed in Table 1 of this Appendix. At the second stage of sampling, 782 polling districts were selected *initially*, and at the third stage, 15,226 addresses. Because fieldwork of the Survey is not allowed to be carried on during General Election periods, 874 of the addresses selected to be visited during the period from 16th April to 5th May were deleted from the selected sample, and for operational reasons it was necessary to delete a further 92 addresses (82 of them because of inaccessibility during a period of snow and bad weather early in the year). Moreover, when visited, a few of the selected addresses were found to be those of institutions or other establishments not eligible for inclusion in the Survey, or of unoccupied or demolished premises, while 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 13,700. When visited, it proved impossible within the time available to contact a number of these households and in some others the housewife was seen but refused to give any information. Furthermore, there were a number of housewives who answered a questionnaire¹ but declined to keep a week's record, while some housewives 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 6,832 households (50 per cent of the selected sample but 60 per cent of the households contacted).

Details are as follows:—

	Households	Per cent	
		households selected	households contacted
Number of households at the addresses selected in the sample	13,700	100	
Number visited, but no contact made	2,324	17	
(Number of households contacted)	11,376		(100)
Housewife seen, but refused to give any information	1,681	12	15
Housewife answered a questionnaire but declined to keep a week's record	1,626	12	14
Housewife started to keep a record but did not complete it	1,122	8	10
Completed records rejected at editing stage	115	1	1
Effective sample of responding households	6,832	50	60

To minimise the loss of information during the General Election period, interpolated estimates for those three weeks were incorporated in the data

¹The questionnaire relates to family composition, occupation, etc.

presented in the tables in this Report; these interpolations were made by replicating the results obtained during the 10 days which immediately preceded and the 10 days which immediately followed the break, and this notionally added a further 445 households to the sample, giving a total of 7,277.

Information provided by households

9 The log-book contains two pages for each day of the Survey week. On one page are entered the description, quantity and cost of each item of food bought for the household supply; food obtained from an employer, free of payment, is recorded when it enters the household, but free food from a garden or allotment or from a farm or other business owned by a member of the household is recorded only at the time it is consumed. 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. On each facing page are entered particulars of the persons present at each meal and of the foods served, so that it is possible over the week to make an approximate check between the food entering the household and the meals provided.

10 The Survey records the quantity of food entering the household, not the amount actually consumed. It cannot therefore provide frequency distributions of households classified according to levels of food consumption or nutrition. Averaged over a sufficiently large number of households, the average quantity obtained will, however, agree with the average quantity consumed (in the widest sense, including any wasted food which was discarded or fed to pets) provided purchasing habits are not upset and that there is no general accumulation or depletion of larder stocks.¹

Main analyses of Survey data

11 The Survey data of food purchases, consumption, expenditure and prices are tabulated for each of over 150 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 six 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 counties of England together with the 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 23 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

¹See "Food obtained for consumption" in Glossary.

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.

- (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.

Details of the composition of these sub-samples, and of the whole sample in 1979 are given in Tables 2 to 5 of this Appendix.

Nutritional analysis of Survey results

12 The energy value and nutrient content of the food¹ 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 processing and handling are known to have resulted in different nutrient values, or more complete information has become available, this is reflected in the representative value used. Secondly, because the Survey classification of foods is 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 made for seasonal changes in this wastage and/or the nutrient contents. The factors also make allowance 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 and 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 assessed by 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 not eaten but instead lost through wastage or spoilage in the kitchen or on the plate, or is fed to domestic pets³.

¹See paragraph 9 of this Appendix and “Food obtained for Consumption” in Glossary.

²A 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.

³Recent 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 represents 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.

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 total nicotinic acid (bound and unbound) and as nicotinic acid equivalents, the latter being the sum of the available nicotinic acid and 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, mono-unsaturated 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 5 to 20) of the amounts of food obtained, and can also be related to the nutritional value of the total food supplies in the United Kingdom (which are expressed per person in Appendix C), 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 1 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 these 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 food.²

(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 as follows. The number of persons eating each meal is calculated assuming a four-meal pattern as in the Table:

¹Department 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.

²See footnote 3 to paragraph 12 above.

	Per day	Per week
Breakfast . . . . .	.03	.21
Dinner . . . . .	.04	.28
Tea . . . . .	.02 } (a)	.14 } (a)
Supper . . . . .	.05 }	.35 }
<i>Total</i> . . . . .	.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 recommended 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 standard error. Estimates of the standard errors are not calculated each year since the variances from which they are derived do not usually change markedly from one year to the next. The following index shows the Annual Reports in which appeared *percentage* standard errors approximately applicable to the averages presented in certain tables of the present Report.

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	1979, Table 8 in Appendix A
Table 8. "All households" averages of expenditure on individual foods	1979, Table 8 in Appendix A
Table 9. "All households" averages of prices paid for individual foods	1979, Table 8 in Appendix A

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 14. Income group averages of consumption, main food groups	1974, Table 15 in Appendix A, pp 166-167
Table 15. Income group averages of expenditure on main food groups	1974, Table 16 in Appendix A, pp 168-169
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
Table 23. Age of housewife and "all households" group averages of expenditure on main food groups	1979, Table 10 in Appendix A,
Table 28. Freezer-owning and other households, averages of consumption of main food groups	1975, Table 13 in Appendix A, pp 186-188
Table 29. Freezer-owning and other households, expenditure on main food groups	1975, Table 13 in Appendix A, pp 186-188
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

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

TABLE 1
Constituencies surveyed in 1979

Region (a)	Definition of region (a)	Parliamentary constituencies (b) selected in the sample for 1979
England: North	Cleveland, Cumbria, Durham, Northumberland, Tyne and Wear	†Newcastle upon Tyne Central Whitehaven Chester-le-Street
Yorkshire and Humberside	Humberside, North Yorkshire, South Yorkshire, West Yorkshire	†Leeds East †Ripon Kingston upon Hull West Harrogate
North West	Cheshire, Lancashire, Greater Manchester, Merseyside	Burnley Accrington Clitheroe; Skipton (part) †Birkenhead †Farnworth Heywood and Royton
East Midlands	Derbyshire, Leicestershire, Lincolnshire, Northamptonshire, Nottinghamshire	Carlton Derby North Melton
West Midlands	Hereford and Worcester, Salop, Staffordshire, Warwickshire, West Midlands	†Birmingham, Perry Barr †Walsall South South Worcestershire †Wolverhampton South West †Meriden
South West	Avon, Cornwall and the Isles of Scilly, Devon, Dorset, Gloucester, Somerset, Wiltshire	Poole North Cornwall Bath Salisbury
South East	Greater London, Bedfordshire, Berkshire, Buckinghamshire, East Sussex, Essex, Hampshire, Hertfordshire, Isle of Wight, Kent, Oxfordshire, Surrey, West Sussex	†Tower Hamlets, Bethnal Green and Bow †Redbridge, Wanstead and Woodford †Barnet, Hendon North †Hackney South and Shoreditch †Wandsworth, Putney †Enfield, Southgate Thanet East Arundel Brentwood and Ongar Mid-Bedfordshire Portsmouth South Reigate Chelmsford Newbury
East Anglia	Cambridgeshire, Norfolk, Suffolk	North West Norfolk
Wales	The whole of Wales	Pontypridd Wrexham
Scotland	The whole of Scotland	†Edinburgh Central Bothwell Dunfermline South Ayrshire

(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 Counties or the Clydeside conurbation.

TABLE 2
Composition of the sample of responding households, 1979

	Jan/ March	April/ June	July/ Sept	Oct/ Dec	Year
GREATER LONDON					
Households	204	193	241	197	835
Persons	553	509	646	537	2,245
Persons per household	2.71	2.64	2.68	2.73	2.69
METROPOLITAN COUNTIES AND CLYDESIDE CONURBATION					
Households	308	326	382	352	1,368
Persons	858	951	1,094	957	3,860
Persons per household	2.79	2.92	2.86	2.72	2.82
NON-METROPOLITAN COUNTIES: WARDS WITH ELECTORATE PER ACRE OF—					
7 OR MORE					
Households	392	448	427	357	1,624
Persons	1,076	1,238	1,204	949	4,467
Persons per household	2.74	2.76	2.82	2.66	2.75
3 BUT LESS THAN 7					
Households	325	278	289	353	1,245
Persons	975	739	806	1,081	3,601
Persons per household	3.00	2.66	2.79	3.06	2.89
0.5 BUT LESS THAN 3					
Households	380	340	347	315	1,382
Persons	1,146	1,008	1,018	908	4,080
Persons per household	3.02	2.96	2.93	2.88	2.95
LESS THAN 0.5					
Households	208	187	246	182	823
Persons	594	558	713	558	2,423
Persons per household	2.86	2.98	2.90	3.07	2.94
ALL HOUSEHOLDS					
Households	1,817	1,772	1,932	1,756	7,277
Persons	5,202	5,003	5,481	4,990	20,676
Persons per household	2.86	2.82	2.84	2.84	2.84

TABLE 3

Composition of the sample of responding households: 1979

	Households		Persons		Average number of persons per household	% of households owning a:	
	No.	%	No.	%		deep-freezer	refrigerator
All households	7,277	100	20,676	100	2.84	41(b)	95(b)
<i>Analysis by regions</i>							
<i>English regions:</i>							
North	514	7.1	1,494	7.2	2.91	31	90
Yorkshire and Humberside	687	9.4	1,868	9.0	2.72	33	90
North West	901	12.4	2,586	12.5	2.87	30	92
East Midlands	502	6.9	1,492	7.2	2.97	43	98
West Midlands	813	11.2	2,401	11.6	2.95	37	94
South West	652	9.0	1,763	8.5	2.70	51	95
South East(a) /East Anglia	2,243	30.8	6,119	29.6	2.73	51	97
England	6,312	86.7	17,723	85.7	2.81	42	95
Wales	418	5.7	1,258	6.1	3.01	35	95
Scotland	547	7.5	1,695	8.2	3.10	30	96
<i>Analysis by type of area</i>							
Greater London	835	11.5	2,245	10.9	2.69	46	98
Metropolitan counties and Clydeside conurbation	1,368	18.8	3,860	18.7	2.82	27	92
Non-metropolitan counties:							
Wards with electorate per acre of—							
7 or more	1,624	22.3	4,467	21.6	2.75	39	95
3 but less than 7	1,245	17.1	3,601	17.4	2.89	41	96
0.5 but less than 3	1,382	19.0	4,080	19.7	2.95	48	95
less than 0.5	823	11.3	2,423	11.7	2.94	51	95
<i>Analysis by income group (c)</i>							
A1	225	3.1	791	3.8	3.52	79	100
A2	438	6.0	1,492	7.2	3.41	71	100
B	2,168	29.8	7,309	35.4	3.37	55	98
C	1,992	27.4	6,323	30.6	3.17	40	97
D	638	8.8	1,789	8.7	2.80	24	90
E1	244	3.4	469	2.3	1.92	48	98
E2	539	7.4	1,021	4.9	1.89	18	90
OAP	1,033	14.2	1,482	7.2	1.43	11	85
<i>Analysis by household composition(d)</i>							
No. of adults	No. of children						
1	0	1,211	16.6	1,211	5.9	1.00	10
1	1 or more	200	2.7	574	2.8	2.87	21
2	0	2,265	31.1	4,530	21.9	2.00	39
2	1	756	10.4	2,268	11.0	3.00	49
2	2	1,120	15.4	4,480	21.7	4.00	58
2	3	333	4.6	1,665	8.1	5.00	57
2	4 or more	125	1.7	791	3.8	6.33	41
3	0	548	7.5	1,644	8.0	3.00	47
3 or more	1 or 2	456	6.3	2,129	10.3	4.67	52
3 or more	3 or more	102	1.4	714	3.5	7.00	55
4 or more	0	161	2.2	670	3.2	4.16	59
<i>Analysis by age of housewife</i>							
Under 25 years		517	7.1	1,384	6.7	2.68	30
25-34		1,629	22.4	5,788	28.0	3.55	50
35-44		1,212	16.7	4,794	23.2	3.96	57
45-54		1,172	16.1	3,638	17.6	3.10	49
55-64		1,219	16.8	2,600	12.6	2.13	38
65-74		1,030	14.2	1,784	8.6	1.73	22
75 and over		498	6.8	688	3.3	1.38	9
<i>Analysis by housing tenure</i>							
Unfurnished: council		2,209	30.4	6,496	31.4	2.94	26
other rented		682	9.4	1,588	7.7	2.33	26
Furnished, rented		90	1.2	159	0.8	1.77	13
Rent free		96	1.3	261	1.3	2.72	46
Owned outright		1,753	24.1	3,953	19.1	2.25	40
Owned with mortgage		2,447	33.6	8,219	39.8	3.36	59
<i>Analysis by ownership of deep-freezer</i>							
Owning a deep-freezer		2,964	40.7	9,654	46.7	3.26	100
Not owning a deep-freezer		4,313	59.3	11,022	53.3	2.56	99

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

(b) Revised estimates of the ownership of deep-freezers and of refrigerators in the previous year (1978) are respectively 37 per cent and 94 per cent (see paragraph 28 of the Report).

(c) For definitions of income groups, see paragraph 23 in the Report.

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

TABLE 4

Average number of persons per household in the sample of responding households: 1979

	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	0.79	0.28	0.20	0.33	0.28
<i>Analysis by region</i>							
<i>English regions:</i>							
North	0.86	0.10	0.83	0.22	0.25	0.36	0.30
Yorkshire and Humberside	0.73	0.18	0.72	0.35	0.17	0.32	0.25
North West	0.80	0.13	0.81	0.25	0.23	0.37	0.28
East Midlands	0.90	0.10	0.90	0.21	0.18	0.36	0.32
West Midlands	0.86	0.16	0.78	0.27	0.20	0.36	0.33
South West	0.77	0.18	0.73	0.31	0.20	0.28	0.24
South East (a)/East Anglia	0.77	0.16	0.76	0.31	0.19	0.29	0.24
England	0.80	0.15	0.78	0.28	0.20	0.32	0.27
Wales	0.89	0.14	0.83	0.27	0.22	0.36	0.30
Scotland	0.87	0.13	0.89	0.24	0.24	0.39	0.33
<i>Analysis by type of area</i>							
Greater London	0.80	0.14	0.80	0.29	0.19	0.25	0.22
Metropolitan counties and Clydeside conurbation	0.79	0.14	0.77	0.29	0.18	0.34	0.30
<i>Non-Metropolitan counties:</i>							
<i>Wards with electorate per acre of—</i>							
7 or more	0.79	0.15	0.76	0.29	0.21	0.30	0.24
3 but less than 7	0.82	0.13	0.82	0.25	0.21	0.38	0.27
0.5 but less than 3	0.84	0.14	0.83	0.25	0.23	0.34	0.31
less than 0.5	0.82	0.19	0.78	0.30	0.18	0.36	0.31
<i>Analysis by income group(b)</i>							
A1	1.15	0.03	1.06	0.05	0.26	0.52	0.45
A2	1.10	0.03	1.05	0.07	0.30	0.45	0.42
B	1.11	0.02	1.01	0.06	0.32	0.48	0.37
C	1.07	0.07	0.99	0.14	0.22	0.36	0.33
D	0.70	0.16	0.90	0.24	0.16	0.32	0.32
E1	0.17	0.57	0.24	0.81	0.03	0.06	0.05
E2	0.22	0.29	0.40	0.56	0.09	0.21	0.17
OAP	0.02	0.47	0.04	0.90	...	...	...
<i>Analysis by household composition (c)</i>							
No. of adults	No. of children						
1	0	0.13	0.12	0.17	0.57	—	—
2	1 or more	0.13	—	0.87	—	0.23	0.89
2	0	0.64	0.32	0.58	0.45	—	—
2	1	0.97	0.01	1.01	0.01	0.46	0.24
2	2	0.99	...	1.01	...	0.62	0.90
2	3	0.99	...	1.00	...	0.63	1.47
2	4 or more	0.99	—	1.01	—	0.63	2.10
3	0	1.30	0.25	1.02	0.42	—	—
3 or more	1 or 2	1.66	0.05	1.51	0.09	0.15	0.35
3 or more	3 or more	1.59	0.07	1.61	0.14	0.43	1.34
4 or more	0	2.04	0.14	1.81	0.17	—	—
<i>Analysis by age of housewife</i>							
Under 25 years		0.95	0.01	0.97	...	0.59	0.12
25-34 "		0.96	0.01	1.00	0.01	0.61	0.83
35-44 "		1.07	0.01	1.12	0.02	0.13	0.67
45-54 "		1.23	0.04	1.20	0.03	0.02	0.13
55-64 "		0.76	0.21	0.63	0.45	0.01	0.02
65-74 "		0.15	0.56	0.08	0.93	...	0.01
75 and over		0.06	0.37	0.06	0.90	—	—
<i>Analysis by housing tenure</i>							
Unfurnished: council		0.81	0.13	0.80	0.28	0.19	0.38
other rented		0.62	0.20	0.62	0.38	0.16	0.19
Furnished, rented		0.80	0.02	0.67	0.08	0.14	0.02
Rent free		0.75	0.13	0.77	0.26	0.23	0.32
Owned outright		0.54	0.32	0.53	0.56	0.05	0.11
Owned with mortgage		1.06	0.03	1.02	0.06	0.33	0.49
<i>Analysis by ownership of deep-freezer</i>							
Owning a deep-freezer		0.99	0.10	0.97	0.17	0.25	0.41
Not owning a deep-freezer		0.69	0.18	0.67	0.36	0.18	0.27

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

(b) For definitions of income groups, see paragraph 23 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, 1979

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	252	2	106	178	42	12	71	663
B	857	19	304	566	158	59	215	2,168
C	1,009	42	273	308	90	48	222	1,992
D & E2	813	128	68	63	42	15	48	1,177
Number of persons								
A	589	5	318	712	210	74	375	2,283
B	1,896	51	912	2,264	790	308	1,088	7,309
C	2,287	112	819	1,232	450	306	1,117	6,323
D & E2	1,412	382	204	252	210	97	253	2,810

(a) For definitions of income groups, see paragraph 23 in the Report. Households in income group E1 and personer 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	Riboflavin	Nicotinic acid equivalent	Vitamin C	Vitamin A (retinol equivalent)
	MJ	kcal	(recommended intake)	(minimum requirement)							
Infants (under 1 year)	3.1	750	18.5	8	600	9	10.1	0.4	7	20	450
Children	4.8	1,150	28.5	19	600	7	0.5	0.6	7	20	300
aged 1 year	5.6	1,350	33.5	21	600	8	0.6	0.7	8	20	300
aged 3-4 years	6.4	1,530	38.0	24	600	8	0.6	0.8	9	20	300
aged 5-6 years	7.1	1,710	42.5	27	600	10	0.7	0.9	10	20	300
aged 7-8 years	8.1	1,940	48.5	30	600	10	0.8	1.0	11	20	400
aged 9-11 years	9.5	2,280	56.0	35	700	12	0.9	1.2	14	25	575
aged 12-14 years	11.0	2,640	66.0	46	700	12	1.0	1.4	16	30	725
aged 15-17 years	12.0	2,880	72.0	52	600	12	1.2	1.7	19	30	750
Females	8.5	2,050	51.0	36	700	12	0.8	1.2	14	25	575
aged 9-11 years	9.0	2,150	53.0	44	700	12	0.9	1.4	16	25	575
aged 12-14 years	9.0	2,150	53.0	43	600	12	0.9	1.7	19	30	750
aged 15-17 years	10.5	2,510	62.0	49	500	10	1.0	1.6	18	30	750
aged 18-34 years (sedentary)	12.0	2,900	72.0	49	500	10	1.2	1.6	18	30	750
aged 18-34 years (moderately active)	14.0	3,350	84.0	49	500	10	1.3	1.6	18	30	750
aged 18-34 years (very active)	10.0	2,400	60.0	49	500	10	1.0	1.6	18	30	750
aged 35-64 years (sedentary)	11.5	2,750	69.0	49	500	10	1.1	1.6	18	30	750
aged 35-64 years (moderately active)	14.0	3,350	84.0	49	500	10	1.3	1.6	18	30	750
aged 35-64 years (very active)	10.0	2,400	60.0	48	500	10	1.0	1.6	18	30	750
aged 65-74 years	9.0	2,150	54.0	48	500	10	0.9	1.6	18	30	750
aged 75 years and over	9.0	2,150	54.0	38	500	12	0.9	1.3	15	30	750
Females	10.0	2,400	60.0	49	1,200	13	1.0	1.6	18	60	750
aged 18-34 years (not pregnant)	8.0	1,900	48.0	37	500	10	0.8	1.3	15	30	750
aged 18-34 years (pregnant)	7.0	1,680	42.0	37	500	10	0.7	1.3	15	30	750
aged 55-74 years											
aged 75 years and over											

(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.

TABLE 7
Survey classification foods, 1979

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
MILK AND CREAM:			
4	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		Skimmed milk (other than instant milk), goats 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 "imitation" cream—see code 148)
CHEESE:			
22	Natural		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)
MEAT AND MEAT PRODUCTS:			
31	Beef and veal		} Any cut; fresh, chilled or frozen (but <i>not</i> frozen convenience meats—see code 88)
36	Mutton and lamb		
41	Pork		
46	Liver		Fresh, chilled or frozen
51	Offals, other than liver		eg, kidney, tongue, heart, head, sweetbread, oxtail, trotters, tripe, pig's fry, sheep's fry, cowheel; fresh, chilled or frozen
55	Bacon and ham, uncooked		Fresh, chilled or frozen
58	Bacon and ham, cooked, including canned	CO	<i>Not</i> frozen
59	Cooked poultry (not purchased in cans)	CO	Includes poultry removed from the can before sale by retailer (but <i>not</i> frozen)
52	Corned meat		Includes all corned meat, whether purchased in cans or sliced
56	Other cooked meat (not purchased in cans)	CO	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)
71	Other canned meat and canned meat products	CC	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 bottled are coded 315)
73	Broiler chicken, uncooked, including frozen		Uncooked plucked roasting fowl under 4lb each, parts of any uncooked chicken; fresh, chilled or frozen

TABLE 7—continued

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
	MEAT AND MEAT PRODUCTS: (continued)		
77	Other poultry, uncooked, including frozen		Uncooked chicken of 4lb or more dressed weight or any unplucked chicken or beef fowl; any size (or parts) of duck, geese, turkey, partridge, pheasant, grouse, ptarmigan, etc.; fresh, chilled or frozen
78	Rabbit and other meat		eg, rabbit, hare, horse, goat, venison; fresh, chilled or frozen
79	Sausages, uncooked, pork		Includes pork sausage meat; fresh, chilled or frozen
80	Sausages, uncooked, beef		Includes beef sausage meat and any mixture of pork/beef sausages; fresh, chilled or frozen
83	Meat pies and sausage rolls, ready-to-eat	CO	Sausage rolls, "cold" meat pies (eg, pork, veal and ham pies etc) complete or in part (but not steak pies—see code 94, and not frozen items—see code 88)
88	Frozen convenience meats or frozen convenience meat products	CF	eg, frozen—braised/roast beef slices, pork, beefburgers, porkburgers, steakburgers, cheeseburgers, steaklets, ready-meals, sausage rolls, meat pies, chicken pies, cooked chicken breasts/legs, faggots (but not uncooked chicken steak, etc)
94	Other meat products	CO	Meat pies (except "cold" ready-to-eat variety—see code 83) eg, steak pies, pasties, puddings, pastes, spreads, liver sausage, cooked sausages, rissoles, hashlet, black pudding, faggots, haggis, hog's pudding, polony, scotch eggs, ready-meals; (not frozen)
	FISH:		
100	White, filleted, fresh	S	eg, cod, haddock, whiting, plaice, skate, and other flat fish, hake, conger eel, red mullet
105	White, unfileted, fresh	S	
110	White, uncooked, frozen		
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, (includes frozen)
114	White, processed	S	ie, smoked, dried or salted, eg, haddock, etc (includes frozen)
115	Fat, processed, filleted	S	ie, smoked, dried or salted, eg, kipper, bloaters, soured or pickled herrings, smoked mackerel, salmon and anchovies, smoked (includes frozen)
116	Fat, processed, unfileted	S	
117	Shell	S	Fresh, prepared or frozen (but not canned or bottled—see code 120); weight without shells
118	Cooked	CO	Fried fish, fried roe, fried scampi, cooked jellied eels; (not frozen)
119	Salmon, canned	CC	
120	Other canned or bottled fish	CC	eg, sardines, pilchards, mackerel, herrings, brisling, shellfish, roe, anchovies
123	Fish products, not frozen	CO	eg, fish cakes, fish pastes, ready-meals (but "fish and chips" see codes 118 and 197)
127	Frozen convenience fish products	CF	Frozen fish fingers, fish cakes, fish pie, fish fries, cod-in-sauce or batter, "fish and chips" etc
129	EGGS	S	

TABLE 7—continued

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
135	FATS: Butter		
138	Margarine		Includes "soft" margarine and margarine containing a proportion of butter
139	Lard and compound cooking fat		
143	Vegetable and salad oils		eg, corn oil, groundnut oil, "cooking" oil, olive oil
148	All other fats		eg, suet, dripping, "imitation" cream, "substitute" cream, low fat spreads (but <i>not</i> "soft" margarine—see code 138)
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		
154	Honey		Includes honey spreads
156	VEGETABLES: <i>Old potatoes:</i> January–August, not pre-packed	S	} Includes all "old" potatoes purchased in the period January to August inclusive
157	January–August, prepacked	S	
158	<i>New potatoes:</i> January–August, not pre-packed	S	} Includes all "new" potatoes purchased in the period January to August inclusive
159	January–August, prepacked	S	
160	<i>Potatoes:</i> September–December, not prepacked	S	} Includes all potatoes purchased in the period September to December inclusive
161	September–December, pre-packed	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	Cauliflower, 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
175	Onions, shallots, leeks, fresh	S	
176	Cucumbers, fresh	S	
177	Mushrooms, fresh	S	
178	Tomatoes, fresh	S	

TABLE 7—continued

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
183	VEGETABLES—continued Miscellaneous fresh vegetables	S	eg, celery, radishes, marrow, courgette, asparagus, celeriac, sea kale, pimento, aubergines, corn-on-the-cob, salsify, pot herb, pumpkin
184	Tomatoes, canned or bottled	CC	
185	Peas, canned	CC	Garden, processed etc
188	Beans, canned	CC	Includes baked beans, broad beans, but not 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 bean, kidney beans, mixed vegetables, sweet corn, mushrooms, asparagus tips; (baby food canned or bottled, are coded 315)
192	Dried pulses, other than air-dried		eg, lentils, split peas, mixed barley, peas and lentils
195	Air-dried vegetables	CO	Air-dried peas, beans, onion flakes, mixed vegetables etc (AFD foods are coded 320)
196	Vegetable juices	CC	Includes tomato juice and purée
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, chippies, mini-chips, puffs, potato scones, pies and cakes, potato salad
202	Other vegetable products	CO	eg, vegetable salad, sauerkraut, pea and pea pudding, cheese and onion pie, 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
210	FRUIT: Oranges, fresh	S	
214	Other citrus fruit, fresh	S	eg, lemons, grapefruit, mandarins, tangerines, clementines, satsumas, limes, ortaniques etc
217	Apples, fresh	S	
218	Pears, fresh	S	
221	Stone fruit, fresh	S	eg, plums, greengages, damsons, cherries, peaches, apricots, nectarines
222	Grapes, fresh	S	
227	Soft fruit, fresh, other than grapes	S	eg, gooseberries, raspberries, strawberries, blackberries, loganberries, mulberries, bilberries, cranberries, blackcurrants, red currants
228	Bananas, fresh	S	
229	Rhubarb, fresh	S	
231	Other fresh fruit	S	eg, melons, pineapples, fresh figs, pomegranates
233	Canned peaches, pears and pineapples	CC	

TABLE 7—continued

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
236	FRUIT—continued 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	Includes frozen 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
248	Fruit juices	CC	eg, grapefruit, orange, pineapple, lemon, lime, blackcurrant, 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		} Standard loaves of 400 g
254	White bread, small loaves, sliced		
255	Brown bread		Excludes wholewheat and wholemeal bread
256	Wholewheat and wholemeal bread		
263	Other bread		eg, malt bread, fruit bread, French bread, Vienna bread, milk bread, starch-reduced bread, white or brown rolls
264	Flour		
267	Buns, scones and teacakes		Includes crumpets, muffins, tea-bread
270	Cakes and pastries	CO	eg, fruit cakes, fancy cakes, éclairs, cream cakes, iced cakes, chocolate cakes, Swiss rolls, sponge cakes, tarts, flans, shortbread, doughnuts, fruit pies
271	Crispbread	CO	
274	Biscuits, other than chocolate biscuits	CO	Includes cream-crackers, rusks, shortcake
277	Chocolate biscuits	CO	Includes marshmallows and wafers
281	Oatmeal and oat products		Porridge oats (but <i>not</i> instant porridge—see code 282), oatcakes, oatmeal, oat flakes
282	Breakfast cereals	CO	eg, cornflakes, "instant" porridge oats
285	Canned milk puddings	CC	eg, creamed rice, sago, macaroni, tapioca, semolina, custard (made-up)
286	Other puddings	CO	eg, Christmas pudding, fruit puddings, sponge puddings, syrup puddings
287	Rice		Includes ground rice, flaked rice
290	Cereal-based invalid foods (including "slimming" foods)	CO	

TABLE 7—continued

Food code no. in 1979	Description	Seasonal food (S) or convenience food (CC, CF, CO) (a)	Notes
291	CEREALS—continued Infant cereal foods	CO	Includes infant rusk and cereal preparation and dried instant baby foods (baby food canned or bottled, are coded 315)
294	Frozen convenience cereal foods	CF	eg, frozen sponges (including those with ice cream), fruit pies, éclairs, pastry, pizza
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
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		
313	Branded food drinks		eg, malted milk
315	MISCELLANEOUS: Baby foods, canned or bottled	CC	Strained foods and junior meals in glass jars or cans (other infant foods are coded 291; dried milk is coded 11)
318	Canned soups	CC	Includes broths and canned condensed soup (Note: baby food soups are coded 315)
319	Soups, dehydrated and powdered	CO	
320	Accelerated freeze-dried foods (excluding coffee)		Includes AFD peas etc (but excludes AFD instant coffee—see code 308, and any item of which only part is AFD)
323	Spreads and dressings		eg, salad cream, mayonnaise, cooking chocolate, sandwich spread, chocolate spread, instant icing
327	Pickles and sauces		Includes chutneys and continental sauces (but <i>not</i> sauce mixes—see code 299)
328	Meat and yeast extracts		eg, beef stock cubes, chicken stock cubes
329	Table jelly, squares and Crystals		
332	Ice-cream (served as part of a meal), mousse	CO	
333	All frozen convenience foods, not specified elsewhere	CF	Includes frozen dairy desserts
334	Salt		
335	Artificial sweeteners (expenditure only)		eg, saccharine
336	Miscellaneous (expenditure only)		eg, bones, gravy salts, gravy mixes, vinegar, forcemeat, mustard, pepper, made-up jellies, flavourings and colourings, gelatine, yeast, herbs, curry powders, spices, instant tea
339	Novel protein foods		eg, textured vegetable protein

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

TABLE 8

Estimates of the standard errors of the annual national averages of expenditure, purchases and prices, 1979

	Standard errors			Percentage standard errors		
	Expenditure	Purchases	Prices	Expenditure	Purchases	Prices
MILK AND CREAM:						
Liquid milk						
Full price	0.33	0.02	0.1	0.5	0.5	0.1
School	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<i>Total liquid milk</i>	<i>0.33</i>	<i>0.02</i>		<i>0.5</i>	<i>0.5</i>	
Condensed milk	0.07	0.01	0.12	4.2	4.6	0.9
Dried milk, branded	0.10	0.01	0.23	9.7	9.5	1.4
Instant milk	0.06	0.01	0.15	6.4	6.4	1.6
Yoghurt	0.09	...	0.27	3.1	3.1	0.7
Other milk	0.06	...	2.08	7.7	9.8	6.3
Cream	0.10	...	1.15	3.1	3.1	1.1
<i>Total milk and cream</i>	<i>0.39</i>	<i>0.03</i>		<i>0.6</i>	<i>0.5</i>	
CHEESE:						
Natural	0.25	0.05	0.27	1.3	1.3	0.3
Processed	0.05	0.01	1.00	3.7	3.9	1.0
<i>Total cheese</i>	<i>0.26</i>	<i>0.05</i>		<i>1.3</i>	<i>1.3</i>	
MEAT AND MEAT PRODUCTS:						
Carcase meat						
Beef and veal	1.68	0.28	0.94	3.0	3.3	0.9
Mutton and lamb	0.66	0.15	0.98	2.9	3.4	1.1
Pork	0.63	0.17	1.52	3.3	4.6	1.8
<i>Total carcase meat</i>	<i>2.19</i>	<i>0.41</i>		<i>2.2</i>	<i>2.6</i>	
Other meat and meat products						
Liver	0.10	0.02	0.80	3.1	3.2	1.2
Offals, other than liver	0.07	0.02	2.13	6.7	7.5	4.1
Bacon and ham, uncooked	0.39	0.07	0.52	1.6	1.6	0.6
Bacon and ham, cooked, including canned	0.18	0.03	1.04	2.1	2.3	0.8
Cooked poultry, not purchased in cans	0.12	0.02	2.56	6.5	7.4	2.3
Corned meat	0.11	0.02	0.88	2.7	2.9	0.9
Other cooked meat, not purchased in cans	0.11	0.01	1.64	3.1	2.9	1.4
Other canned meat and canned meat products	0.14	0.04	0.48	2.8	3.0	0.9
Broiler chicken, uncooked, including frozen	0.35	0.11	0.42	2.3	2.5	0.7
Other poultry, uncooked, including frozen	0.38	0.12	0.79	5.2	5.2	1.5
Rabbit and other meat	0.04	0.01	1.72	13.1	13.3	2.7
Sausages, uncooked, pork	0.15	0.05	0.31	2.4	2.4	0.6
Sausages, uncooked, beef	0.13	0.04	0.41	2.5	2.7	0.8
Meat pies and sausage rolls, ready-to-eat	0.09	0.02	0.62	3.0	3.1	0.9
Frozen convenience meats or frozen convenience meat products	0.22	0.05	0.93	3.6	3.9	1.2
Other meat products	0.30	0.05	0.99	2.4	2.0	1.2
<i>Total other meat and meat products</i>	<i>0.98</i>	<i>0.24</i>		<i>0.9</i>	<i>1.0</i>	
<i>Total meat and meat products</i>	<i>2.56</i>	<i>0.51</i>		<i>1.2</i>	<i>1.3</i>	
FISH:						
White, filleted, fresh	0.21	0.04	0.70	3.8	3.8	0.7
White, unfileted, fresh	0.09	0.03	4.11	9.3	11.6	5.7
White, uncooked, frozen	0.15	0.02	1.50	5.1	5.5	1.5
Herrings, filleted, fresh	0.01	...	7.66	33.4	31.5	10.0
Herrings, unfileted, fresh	0.02	0.01	3.47	21.6	22.6	6.0
Fat, fresh, other than herrings	0.11	0.02	7.47	15.1	15.3	10.2
White, processed	0.09	0.01	1.38	6.5	6.6	1.3
Fat, processed, filleted	0.06	0.01	2.67	8.4	8.5	2.9
Fat, processed, unfileted	0.03	0.01	3.49	12.7	12.6	4.8
Shellfish	0.09	0.01	7.33	9.5	9.5	3.8
Cooked fish	0.17	0.02	0.89	3.2	3.2	0.8
Canned salmon	0.08	0.01	1.91	5.4	5.5	1.2
Other canned or bottled fish	0.08	0.02	1.40	3.9	3.9	1.7
Fish products, not frozen	0.05	0.01	3.79	5.8	6.0	3.6
Frozen convenience fish products	0.16	0.03	0.96	3.6	3.7	1.1
<i>Total fish</i>	<i>0.45</i>	<i>0.08</i>		<i>1.6</i>	<i>1.8</i>	
EGGS						
	0.18	0.04	0.01	1.0	1.0	0.3

TABLE 8—continued

	Standard errors			Percentage standard errors		
	Expenditure	Purchases	Prices	Expenditure	Purchases	Prices
FATS:						
Butter	0.28	0.07	0.16	1.5	1.5	0.2
Margarine	0.14	0.07	0.17	1.8	1.8	0.5
Lard and compound cooking fat	0.06	0.04	0.13	2.0	1.9	0.5
Vegetable and salad oils	0.09	0.04	0.67	5.8	6.0	1.6
All other fats	0.06	0.02	1.29	4.5	4.9	2.5
<i>Total fats</i>	<i>0.34</i>	<i>0.12</i>		<i>1.1</i>	<i>1.1</i>	
SUGAR AND PRESERVES:						
Sugar	0.14	0.15	0.04	1.3	1.3	0.3
Jams, jellies and fruit curds	0.06	0.03	0.23	3.0	3.0	0.7
Marmalade	0.05	0.03	0.23	3.6	3.7	0.8
Syrup, treacle	0.03	0.02	0.65	7.4	7.4	2.2
Honey	0.05	0.02	3.08	7.3	8.9	5.3
<i>Total sugar and preserves</i>	<i>0.19</i>	<i>0.17</i>		<i>1.2</i>	<i>1.2</i>	
VEGETABLES:						
Old potatoes						
January-August						
not prepacked	0.14	0.54	0.07	3.0	3.6	1.4
prepacked	0.06	0.16	0.09	5.7	5.8	1.4
New potatoes						
January-August						
not prepacked	0.13	0.25	0.14	2.7	3.1	1.5
prepacked	0.05	0.08	0.29	9.4	9.1	3.1
Potatoes						
September-December						
not prepacked	0.14	0.47	0.08	3.3	4.0	1.4
prepacked	0.06	0.14	0.10	6.3	6.4	1.4
<i>Total fresh potatoes</i>	<i>0.23</i>	<i>0.74</i>		<i>1.4</i>	<i>1.8</i>	
Cabbages, fresh	0.07	0.08	0.13	2.3	2.2	1.0
Brussels sprouts, fresh	0.05	0.05	0.27	3.2	3.6	1.7
Cauliflowers, fresh	0.06	0.06	0.30	3.1	3.4	1.8
Leafy salads, fresh	0.06	0.03	0.49	2.2	2.2	1.3
Peas, fresh	0.02	0.02	0.49	11.7	12.4	3.1
Beans, fresh	0.04	0.05	1.41	9.1	13.7	7.4
Other fresh green vegetables	0.02	0.01	2.36	20.9	22.1	8.3
<i>Total fresh green vegetables</i>	<i>0.14</i>	<i>0.14</i>		<i>1.5</i>	<i>1.7</i>	
Carrots, fresh	0.05	0.08	0.15	2.0	2.4	1.4
Furnips and swedes, fresh	0.03	0.04	0.18	4.1	4.0	1.9
Other root vegetables, fresh	0.04	0.03	0.49	5.4	4.4	2.8
Onions, shallots, leeks, fresh	0.06	0.10	0.27	2.3	3.4	1.9
Cucumbers, fresh	0.04	0.02	0.29	2.5	2.6	1.0
Mushrooms, fresh	0.06	0.01	0.74	2.7	2.8	1.0
Tomatoes, fresh	0.11	0.05	0.27	1.5	1.5	0.8
Miscellaneous fresh vegetables	0.08	0.04	0.80	4.5	4.0	2.7
<i>Total other fresh vegetables</i>	<i>0.23</i>	<i>0.19</i>		<i>1.2</i>	<i>1.4</i>	
Tomatoes, canned or bottled	0.05	0.04	0.12	3.2	3.3	0.7
Canned peas	0.06	0.06	0.11	2.1	2.1	0.6
Canned beans	0.07	0.07	0.08	1.7	1.7	0.5
Canned vegetables, other than pulses, potatoes, or tomatoes	0.06	0.04	0.31	3.0	3.0	1.3
Dried pulses, other than air-dried	0.03	0.02	1.05	5.5	6.7	3.4
Air-dried vegetables	0.02	...	8.42	10.2	11.4	4.5
Vegetable juices	0.02	0.01	2.61	8.1	9.5	5.0
Chips, excluding frozen	0.09	0.03	0.43	3.0	3.1	0.9
Instant potato	0.03	0.01	2.72	8.0	9.6	4.0
Canned potato	0.02	0.02	0.48	11.2	11.1	2.3
Crisps and other potato products, not frozen	0.10	0.02	1.34	2.5	2.7	1.3
Other vegetable products	0.05	0.01	0.91	4.2	4.2	1.7
Frozen peas	0.10	0.06	0.29	3.0	3.4	0.9
Frozen beans	0.06	0.03	0.63	5.1	5.9	1.8
Frozen chips and other frozen convenience potato products	0.07	0.05	0.50	5.5	6.3	2.0
All frozen vegetables and frozen vegetable products, not specified elsewhere	0.11	0.05	0.66	4.7	5.2	1.7
<i>Total processed vegetables</i>	<i>0.33</i>	<i>0.19</i>		<i>1.2</i>	<i>1.2</i>	
<i>Total vegetables</i>	<i>0.56</i>	<i>0.86</i>		<i>0.8</i>	<i>1.1</i>	
FRUIT:						
Fresh						
Oranges	0.09	0.08	0.17	2.5	2.6	0.9
Other citrus fruit	0.08	0.06	0.29	3.1	3.4	1.4
Apples	0.13	0.14	0.15	1.6	1.9	0.9

TABLE 8—continued

	Standard errors			Percentage standard errors		
	Expenditure	Purchases	Prices	Expenditure	Purchases	Prices
FRUIT: (cont'd)						
Pears	0.06	0.06	0.53	5.0	6.3	2.7
Stone fruit	0.07	0.04	0.94	4.5	5.3	3.2
Grapes	0.05	0.02	0.85	5.5	5.2	2.1
Soft fruit, other than grapes	0.09	0.04	1.40	8.7	10.2	3.3
Bananas	0.08	0.06	0.12	2.0	2.0	0.5
Rhubarb	0.01	0.02	0.97	10.8	11.8	6.3
Other fresh fruit	0.05	0.03	0.75	7.0	7.3	2.8
<i>Total fresh fruit</i>	<i>0.33</i>	<i>0.26</i>		<i>1.4</i>	<i>1.4</i>	
Canned peaches, pears and pineapples	0.07	0.04	0.17	2.8	2.9	0.6
Other canned or bottled fruit	0.08	0.04	0.29	2.9	3.0	0.9
Dried fruit and dried fruit products	0.15	0.04	1.08	5.1	4.5	2.1
Frozen fruit and frozen fruit products	0.04	0.01	3.97	14.4	16.0	7.6
Nuts and nut products	0.09	0.02	1.29	4.6	4.7	1.6
Fruit juices	0.11	0.08	0.38	3.5	3.8	1.3
<i>Total other fruit and fruit products</i>	<i>0.27</i>	<i>0.12</i>		<i>2.0</i>	<i>1.9</i>	
<i>Total fruit</i>	<i>0.47</i>	<i>0.31</i>		<i>1.3</i>	<i>1.3</i>	
CEREALS:						
White bread, large loaves, unsliced	0.16	0.14	0.06	2.5	2.5	0.4
White bread, large loaves, sliced	0.24	0.23	0.04	1.5	1.5	0.2
White bread, small loaves, unsliced	0.09	0.06	0.08	3.2	3.2	0.3
White bread, small loaves, sliced	0.05	0.03	0.14	5.3	5.2	0.6
Brown bread	0.11	0.09	0.09	2.3	2.4	0.4
Wholewheat and wholemeal bread	0.07	0.05	0.17	4.6	4.8	0.8
Other bread	0.13	0.08	0.26	2.0	2.2	0.8
<i>Total bread</i>	<i>0.27</i>	<i>0.23</i>		<i>0.7</i>	<i>0.7</i>	
Flour	0.14	0.20	0.11	3.7	3.6	1.0
Buns, scones and teacakes	0.08	0.03	0.35	2.7	2.7	0.8
Cakes and pastries	0.22	0.05	0.42	1.9	1.8	0.7
Crispbread	0.04	0.01	1.39	5.4	4.9	2.8
Biscuits, other than chocolate biscuits	0.15	0.06	0.22	1.4	1.3	0.5
Chocolate biscuits	0.14	0.03	0.56	2.2	2.2	0.7
Oatmeal and oat products	0.04	0.03	0.39	6.0	6.4	1.7
Breakfast cereals	0.15	0.06	0.19	1.8	1.8	0.5
Canned milk puddings	0.05	0.05	0.12	3.9	4.0	0.6
Other puddings	0.04	0.01	1.27	6.5	6.4	2.3
Rice	0.16	0.08	0.54	12.5	11.5	1.9
Cereal-based invalid foods (including "slimming" foods)	0.03	...	25.98	39.5	32.5	22.9
Infant cereal foods	0.07	0.01	4.46	9.3	8.7	3.8
Frozen convenience cereal foods	0.13	0.03	2.20	6.3	6.1	2.9
Cereal convenience foods, including canned, not specified elsewhere	0.12	0.05	0.54	2.1	2.3	1.4
Other cereal foods	0.04	0.02	0.54	5.2	5.1	1.8
<i>Total cereals</i>	<i>0.61</i>	<i>0.36</i>		<i>0.06</i>	<i>0.7</i>	
BEVERAGES:						
Tea	0.18	0.03	0.36	1.4	1.4	0.4
Coffee, bean and ground	0.09	0.01	3.64	7.9	8.2	1.8
Coffee, instant	0.24	0.01	2.32	2.3	2.2	0.7
Coffee, essences	0.03	...	4.65	16.6	17.7	3.1
Cocoa and drinking chocolate	0.05	0.01	2.20	6.7	7.9	2.2
Branded food drinks	0.07	0.02	1.03	7.3	7.0	1.4
<i>Total beverages</i>	<i>0.34</i>	<i>0.04</i>		<i>1.3</i>	<i>1.3</i>	
MISCELLANEOUS:						
Baby foods, canned or bottled	0.09	0.03	0.87	10.7	10.8	1.8
Soups, canned	0.10	0.08	0.12	2.5	2.6	0.6
Soups, dehydrated and powdered	0.05	0.01	3.51	5.0	5.7	3.0
Accelerated freeze-dried foods (excluding coffee)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sprouts and dressings	0.05	0.02	0.69	4.3	4.4	1.2
Pickles and sauces	0.10	0.05	0.27	2.4	2.5	0.7
Meat and yeast extracts	0.06	0.01	2.04	3.5	3.9	1.4
Table jelly, squares and crystals	0.03	0.01	0.28	3.7	3.8	0.7
Ice-cream (served as part of a meal), mousse	0.14	0.09	0.56	3.6	4.2	1.9
All frozen convenience foods, not specified elsewhere	0.01	...	8.96	31.2	36.0	14.2
Salt	0.02	0.04	0.20	4.8	4.8	2.4
Artificial sweeteners (expenditure only)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Miscellaneous (expenditure only)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Novel protein foods	0.02	0.01	5.97	17.8	18.7	10.1
<i>Total miscellaneous</i>	<i>0.29</i>	<i>0.15</i>		<i>1.4</i>	<i>1.7</i>	
<i>Total expenditure</i>	<i>3.89</i>	<i>n.a.</i>		<i>0.6</i>	<i>n.a.</i>	

TABLE 9
Estimates of the percentage standard errors of average per caput food consumption of households according to age of housewife, 1979

	Food codes	Age of housewife							All households	
		Under 25	25-34	35-44	45-54	55-64	65-74	75 and over		
MILK AND CREAM:										
<i>Total liquid milk</i>	4-6	2.0	1.0	1.2	1.3	1.4	1.5	1.6	2.2	0.5
Condensed milk	9	16.4	9.1	8.6	9.6	12.6	12.0	12.0	15.7	4.6
Dried and other milk	11-14	11.1	6.1	8.7	8.7	10.5	16.3	16.3	19.3	3.7
Cream	17	13.2	6.1	7.2	7.1	7.3	9.2	9.2	14.6	3.1
<i>Total milk and cream</i>	4-17	2.1	1.0	1.2	1.3	1.5	1.6	1.6	2.1	0.5
CHEESE:										
Natural	22	5.1	2.8	3.3	2.9	3.2	3.9	3.9	6.0	1.4
Processed	23	13.4	7.1	7.9	9.1	13.1	13.0	13.0	18.7	3.9
<i>Total cheese</i>	22, 23	4.7	2.6	3.2	2.8	3.1	3.8	3.8	5.7	1.3
MEAT:										
Beef and veal	31	5.8	7.7	6.4	8.4	8.5	4.2	4.2	6.5	3.3
Mutton and lamb	36	9.0	8.2	8.1	8.0	7.9	5.3	5.3	9.0	3.4
Pork	41	8.1	9.8	12.4	9.7	10.8	10.8	10.8	8.9	4.6
<i>Total carcass meat</i>	31-41	4.4	5.6	5.3	6.9	6.1	3.2	3.2	4.5	2.6
Bacon and ham, uncooked	55	5.7	3.1	4.7	3.4	3.4	3.9	3.9	6.3	1.6
Poultry, uncooked	73, 77	8.5	4.7	5.3	5.5	6.2	6.3	6.3	11.3	2.4
Other meat and meat products	46-51 58-71 78-88, 94	3.4	2.2	2.3	2.4	2.6	3.0	3.0	5.0	1.0
<i>Total meat</i>	31-94	2.8	2.7	2.7	3.3	3.1	2.1	2.1	3.1	1.3
FISH:										
Fresh	100, 105	19.6	11.0	7.6	8.0	11.9	6.9	6.9	10.2	4.3
Processed and shell	111-113	19.5	10.6	10.2	10.8	10.2	12.6	12.6	16.6	4.6
Prepared, including fish products	114-117	7.9	4.5	4.8	4.8	5.8	7.0	7.0	11.9	2.2
Frozen, including fish products	118-123	10.9	6.0	7.8	8.1	8.9	9.5	9.5	12.6	3.3
<i>Total fish</i>	100-127	6.2	3.9	3.6	3.7	5.7	4.2	4.2	6.3	1.8
EGGS:										
<i>Total eggs</i>	129	3.9	2.1	2.2	2.3	2.3	2.8	2.8	4.5	1.0
FATS:										
Butter	135	5.3	3.2	3.4	4.2	3.1	3.3	3.3	4.8	1.5
Margarine	138	6.9	3.8	4.3	4.2	4.7	4.5	4.5	8.1	1.8
Lard and compound cooking fat	139	7.4	4.2	4.4	4.2	4.7	5.4	5.4	10.2	1.9
Other fats	143, 148	15.1	8.4	9.3	11.4	9.3	13.2	13.2	16.9	4.2
<i>Total fats</i>	135-148	3.4	2.2	2.3	2.7	2.5	2.6	2.6	4.1	1.1

TABLE 9—continued

	Food codes	Age of housewife						All households
		Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
SUGAR AND PRESERVES:								
Sugar	150	5.6	2.7	2.9	2.9	3.2	3.5	5.8
Honey, preserves, syrup and treacle	151-154	10.7	5.0	4.9	6.2	5.5	6.5	8.2
<i>Total sugar and preserves</i>	150-154	5.1	2.6	2.7	2.7	2.9	3.2	1.2
VEGETABLES:								
Potatoes	156-161	6.1	3.2	3.8	4.0	4.5	4.8	9.7
Fresh green	162-171	6.5	2.9	3.8	3.1	3.2	3.1	6.2
Other fresh	172-183	4.8	2.6	3.1	3.1	2.8	3.0	5.3
Frozen, including vegetable products	203-208	11.5	6.1	6.9	7.8	6.7	8.7	12.4
Other processed, including vegetable products	184-202	3.6	2.1	2.6	2.8	3.4	4.4	6.9
<i>Total vegetables</i>	156-208	3.6	1.9	2.2	2.4	2.5	2.7	5.8
FRUIT:								
Fresh	210-231	5.7	3.0	2.9	3.3	3.1	3.4	11.9
Other, including fruit products	233-248	7.6	4.2	4.2	4.7	4.3	5.0	9.1
<i>Total fruit</i>	210-248	5.0	2.6	2.6	3.0	2.8	3.0	9.8
CEREALS:								
Brown bread	255	11.9	5.4	6.2	5.7	5.0	5.3	7.8
White bread (standard loaves)	251-254	3.2	2.0	2.2	2.4	2.5	3.1	4.5
Wholewheat and wholemeal bread	256	24.6	10.4	12.0	10.8	10.2	12.0	17.5
Other bread	263	8.7	4.8	4.8	5.4	4.9	6.4	10.0
<i>Total bread</i>	251-263	2.5	1.4	1.6	1.8	1.7	1.9	2.7
Flour	264	16.4	10.1	8.9	9.0	5.5	6.6	9.2
Cakes	267-270	6.1	3.4	3.5	3.7	3.9	4.8	8.0
Biscuits	271-277	4.6	2.1	2.6	2.8	3.1	3.5	5.1
Oatmeal and oat products	281	34.2	14.5	13.7	19.4	12.2	12.1	21.8
Breakfast cereals	282	7.6	3.0	3.8	4.8	5.6	6.3	10.8
Other cereals	283-301	5.9	3.3	7.3	4.7	5.5	5.5	10.2
<i>Total cereals</i>	251-301	2.4	1.4	1.5	1.5	1.6	1.7	2.6
BEVERAGES:								
Tea	304	5.8	3.1	3.4	3.0	3.0	3.4	4.8
Coffee	307-309	8.3	4.1	4.7	5.5	5.8	7.5	11.1
Cocoa and drinking chocolate	312	36.0	15.8	12.7	15.3	17.7	26.2	28.4
Branded food drinks	313	30.9	13.7	16.3	16.9	24.7	18.0	20.8
<i>Total beverages</i>	304-313	4.7	2.6	2.8	2.7	3.4	3.3	4.7

TABLE 10
Estimates of the percentages standard errors of average per caput food expenditure of households according to age of housewife, 1979

	Food codes	Age of housewife						All households
		Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
MILK AND CREAM:								
Total liquid milk	4-6	2.1	1.1	1.2	1.4	1.4	1.5	2.2
Condensed milk	9	16.1	8.8	8.2	9.2	11.0	10.8	15.1
Dried and other milk	11-14	9.5	5.0	6.4	6.4	7.9	11.0	14.9
Cream	17	13.4	6.6	7.1	7.1	7.6	8.5	14.2
Total milk and cream	4-17	2.2	1.1	1.2	1.4	1.4	1.5	2.1
CHEESE:								
Natural	22	5.0	2.8	3.1	2.9	3.1	3.7	6.0
Processed	23	13.0	6.8	7.7	9.1	11.7	12.6	18.9
Total cheese	22, 23	4.6	2.7	3.0	2.8	3.0	3.6	5.7
MEAT:								
Beef and veal	31	6.2	7.0	6.0	8.0	6.8	4.3	7.0
Mutton and lamb	36	9.0	6.7	6.8	6.9	7.0	5.3	7.0
Pork	41	7.4	7.2	8.8	7.3	7.8	7.6	9.0
Total carcase meat	31-41	4.5	4.9	4.5	6.3	5.0	2.9	4.7
Bacon and ham, uncooked	55	5.7	3.0	4.3	3.4	3.4	6.1	1.6
Poultry, uncooked	73, 77	8.1	4.5	5.4	5.1	6.0	6.0	2.3
Other meat and meat products	46-51 58-71 78-88, 94	3.5	2.2	2.3	2.3	2.4	2.7	4.7
Total meat	31-94	2.8	2.7	2.6	3.4	2.9	1.9	3.0
FISH:								
Fresh	100-105 111-113	17.7	11.2	8.3	8.8	7.3	6.8	10.4
Processed and shell	114-117	22.9	10.5	10.2	10.7	10.6	12.2	17.4
Prepared, including fish products	118-123	8.3	4.7	4.7	4.9	5.7	6.9	12.4
Frozen, including fish products	101, 271	9.6	5.5	7.9	7.8	8.1	8.7	11.5
Total fish	100-127	6.1	3.7	3.6	3.7	3.9	3.9	6.5
EGGS								
	129	4.0	2.2	2.4	2.4	2.3	2.9	4.5
FATS:								
Butter	135	5.3	3.1	3.4	4.2	3.0	3.3	4.9
Margarine	138	7.8	3.8	4.2	4.3	4.6	4.5	8.7
Lard and compound cooking fat	139	7.6	4.2	4.5	4.5	4.7	5.6	10.1
Other fats	143, 148	14.1	7.7	8.2	9.4	9.3	11.8	15.8
Total fats	135-148	3.6	2.1	2.2	2.9	2.3	2.3	3.8

	Food codes	Age of housewife						All households
		Under 25	25-34	35-44	45-54	55-64	65-74		75 and over
SUGAR AND PRESERVES:								
Sugar	150	5.7	2.7	2.9	2.9	3.2	3.6	5.8
Honey, preserves, syrup and treacle	151-154	10.8	5.2	4.9	6.6	5.7	6.0	8.5
Total sugar and preserves	150-154	5.0	2.7	2.7	2.9	3.0	3.4	5.0
VEGETABLES:								
Potatoes	156-161	4.9	2.7	3.4	3.4	3.6	3.7	7.5
Fresh green	162-171	6.6	3.0	3.6	3.3	3.3	3.6	6.5
Other fresh	172-183	8.4	2.4	2.7	2.8	2.9	3.2	5.6
Frozen, including vegetable products	201-208	9.5	5.4	6.4	6.8	6.0	7.8	11.0
Other processed, including vegetable products	184-202	3.6	2.0	2.5	2.6	3.1	4.1	6.9
Total vegetables	156-208	2.7	1.5	1.7	1.9	1.9	2.1	4.2
FRUIT:								
Fresh	210-231	6.3	2.7	3.1	3.2	3.3	3.5	8.4
Other, including fruit products	233-248	7.2	3.9	4.0	5.6	4.5	5.0	8.7
Total fruit	210-248	5.2	2.6	2.8	3.2	2.9	3.0	6.6
CEREALS:								
Brown bread	255	11.2	5.2	6.0	5.5	4.9	5.2	7.8
White bread (standard loaves)	251-254	3.2	1.9	2.2	2.3	2.4	2.9	4.3
Wholewheat and wholemeal bread	256	23.7	10.3	11.5	10.8	9.9	11.6	17.1
Other bread	263	7.7	4.2	4.3	4.6	4.6	5.7	9.3
Total bread	251-263	2.5	1.4	1.6	1.7	1.6	1.8	2.7
Flour	264	17.7	11.8	8.6	8.7	5.6	6.8	9.2
Cakes	267, 270	6.1	3.7	3.5	3.7	4.4	4.8	8.3
Biscuits	271, 277	4.8	2.2	2.6	3.0	3.4	3.6	5.4
Oatmeal and oat products	281	32.2	13.9	13.5	17.6	12.0	11.8	21.4
Breakfast cereals	282	7.3	3.0	3.7	4.7	5.4	6.4	10.2
Other cereals	285-301	5.8	3.4	6.5	4.8	5.2	5.4	8.9
Total cereals	251-301	2.4	1.3	1.5	1.4	1.7	1.7	2.8
BEVERAGES:								
Tea	304	6.0	3.2	3.4	3.0	3.0	3.5	4.8
Coffee	307-309	8.4	4.1	4.6	5.3	5.6	6.8	10.9
Cocoa and drinking chocolate	312	35.9	15.6	12.1	14.8	16.3	24.4	27.6
Branded food drinks	313	29.9	13.4	15.8	16.3	21.3	17.4	20.5
Total beverages	304-313	5.0	2.7	3.0	3.0	3.2	3.5	5.2
MISCELLANEOUS:								
Soups, canned, dehydrated and powdered	318-319	7.4	4.4	4.9	5.5	5.8	7.4	10.0
Other foods	315, 320-339	6.2	3.2	3.5	3.7	4.2	4.5	8.9
Total miscellaneous	315-339	5.3	2.8	3.0	3.3	3.6	4.0	7.3
TOTAL EXPENDITURE		1.8	1.3	1.3	1.5	1.5	1.2	2.0

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 1979 and some earlier years, and these up-date corresponding estimates given in the Report for 1978¹. 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 and with some degree of approximation*, 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 1979. For this purpose, the analysis was confined to a sub-sample of 4,485 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 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-

¹Household Food Consumption and Expenditure: 1978, Appendix B, HMSO, 1980.

income household) will usually be at a lower price per 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 in Table 2 is to be preferred to that given in Table 1 for reasons given in paragraph 1 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 1974 to 1979. 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 movement 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 level 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 as much of it as possible being related simply to changes in its own price. Some results obtained from analysis of the monthly Survey data over the eight-year period from 1972 to 1979 are given in Table 5.

6 In a manner analogous to that described in paragraph 3, 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. In general, they are, in the instance presented, 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 1972-1979. In order to extend the analysis in this way it is necessary to use income as a

xplanatory variable at an earlier stage in the analysis, since average expenditure in some of the 16 groups is sufficiently large for a price increase to be equivalent in effect to a decrease in income such that cannot be ignored. For each group, the average cross-sectional income elasticity over the period 1972 to 1979 was specified in the demand equation in preference to a time-series estimate which has often proved unreliable.

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. Those *individual* cross-elasticities which did not attain statistical significance are 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

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, and 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 elasticity of demand may not be the same at all income levels and may decline as income increases, in practice it has been found preferable to demonstrate this by obtaining estimates of the elasticity from cross-sectional analysis of the data in each of several years during a period when real incomes are changing rather than from cross-sectional analysis of the data for a single year, since in the latter case the consequences of the income effect being confounded with occupational and other non-income effects are greater. Moreover, it has been found in practice that the fitting of demand functions which allow the elasticity to vary with income is rarely justified owing to 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 subjected 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 over-simplification 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) 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 *location*. 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 were 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 average

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 estimate of the income elasticity of total household food expenditure of 0.24 shown in Table 2 preferable to that of 0.17 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:

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

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

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 calculated by analysis of the time-series of monthly Survey data of average quantities purchased and average prices paid by housewives from 1974 to 1979. 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 for 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 expresses the relationship taking into account such shifts. This model is

$$q_{ij} = \alpha_i + \beta_j + \delta p_{ij} + \epsilon_{ij} \quad (4)$$

where q_{ij} and p_{ij} are respectively average quantities purchased and average (deflated) prices paid in the i th month of the j th year, and are expressed in logarithms as deviations from their average values during the whole period considered. The α_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 $\sum \alpha_i = 0$. Similarly, the β_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 $\sum \beta_j = 0$. δ is the price elasticity of demand and the ϵ_{ij} are random disturbances, assumed to be independent of α_i , β_j and p_{ij} , and to be normally distributed about zero.

14 The method used to estimate δ 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

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

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 α_1 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 may be because one or more of the β_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 α_1 and β 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 In the extension of the above form of analysis to the multivariate case, so as 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).

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 this case is as follows:—

$$\log q_{ijk} = \mu_k + \alpha_{ik} + \beta_{jk} + \sum_{m=1}^{16} \delta_{km} \log p_{ijm} + \eta_k \log y_{ij} + \epsilon_{ijk}$$

where

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

μ_k = a constant for commodity k .

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

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

p_{ijm} = the deflated price of commodity m in month i of year j .

δ_{km} = the elasticity of demand for commodity k with respect to the price of commodity m .

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 .

ϵ_{ijk} = an error term.

¹The rigorous form of Slutsky constraint is:

$$\frac{1}{E_m} \delta_{km} + \eta_k = \frac{1}{E_k} \delta_{mk} + \eta_m$$

where E_m and E_k are the proportions of income devoted to commodities m and k respectively and γ_{km} , η_k , etc are as defined at the end of paragraph 18 above. If commodities m and k are such that only a small fraction of consumers' incomes 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):

$$\frac{\delta_{km}}{\delta_{mk}} = \frac{E_m}{E_k}$$

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

TABLE I
Estimated income elasticity of household food expenditure, 1979
(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 55)	0.02 (0.11)	-0.11 (0.05)	0.13 (0.09)	187
1 adult only (55 and over)	0.29 (0.06)	0.00 (0.02)	0.29 (0.05)	808
2 adults only (housewife under 55)	-0.01 (0.05)	-0.10 (0.02)	0.08 (0.05)	657
2 adults only (housewife 55 or over)	0.21 (0.03)	-0.03 (0.01)	0.24 (0.03)	855
2 adults, 1 child	0.23 (0.05)	-0.05 (0.02)	0.28 (0.05)	537
2 adults, 2 children	0.21 (0.04)	-0.05 (0.01)	0.27 (0.04)	785
2 adults, 3 children	0.38 (0.08)	-0.01 (0.02)	0.39 (0.08)	234
2 adults, 4 children	0.42 (0.16)	-0.09 (0.05)	0.52 (0.16)	70
3 adults	0.01 (0.06)	-0.09 (0.02)	0.10 (0.06)	209
4 adults	0.02 (0.21)	-0.03 (0.05)	0.04 (0.20)	42
3 adults, 1 child	0.23 (0.11)	-0.07 (0.04)	0.30 (0.11)	80
4 adults, 1 child	0.30 (0.21)	0.03 (0.09)	0.27 (0.17)	21
All above households (weighted averages)	0.17 (0.02) (a)	-0.05 (0.01)	0.22 (0.02)	4485

(a) 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, 1979 (a)

	Income elasticities of expenditure	Income elasticities of quantity purchased
MILK AND CREAM:		
Liquid milk, full price	0.04 (0.03)	0.03 (0.03)
Condensed milk	-0.06 (0.24)	-0.09 (0.23)
Dried milk, branded	-2.15 (0.35)	-2.09 (0.34)
Instant milk	0.19 (0.34)	0.16 (0.35)
Yoghurt	0.91 (0.12)	0.94 (0.13)
Other milk	0.45 (0.23)	0.68 (0.51)
Cream	0.73 (0.08)	0.74 (0.08)
<i>Total milk and cream (b)</i>	<i>0.04 (0.06)</i>	<i>0.02 (0.06)</i>
CHEESE:		
Natural	0.42 (0.06)	0.40 (0.06)
Processed	0.09 (0.15)	0.01 (0.16)
<i>Total cheese</i>	<i>0.40 (0.05)</i>	<i>0.38 (0.05)</i>
MEAT AND MEAT PRODUCTS:		
Carcase meat		
Beef and veal	0.34 (0.20)	0.35 (0.23)
Mutton and lamb	0.33 (0.15)	0.30 (0.21)
Pork	0.44 (0.09)	0.45 (0.15)
<i>Total carcase meat</i>	<i>0.36 (0.14)</i>	<i>0.36 (0.16)</i>
Other meat and meat products		
Liver	-0.29 (0.08)	-0.39 (0.09)
Offals, other than liver	0.40 (0.27)	0.39 (0.37)
Bacon and ham, uncooked	0.25 (0.03)	0.20 (0.03)
Bacon and ham, cooked, including canned	0.20 (0.06)	0.13 (0.07)
Cooked poultry, not purchased in cans	0.71 (0.26)	0.72 (0.35)
Corned meat	-0.09 (0.07)	-0.21 (0.07)
Other cooked meat, not purchased in cans	-0.16 (0.14)	-0.29 (0.13)
Other canned meat and canned meat products	-0.17 (0.09)	-0.26 (0.08)
Broiler chicken, uncooked, including frozen	0.14 (0.11)	0.09 (0.13)
Other poultry, uncooked, including frozen	1.32 (0.23)	1.19 (0.23)
Rabbit and other meat	0.23 (0.49)	0.12 (0.52)
Sausages, uncooked, pork	0.27 (0.09)	0.26 (0.09)
Sausages, uncooked, beef	-0.38 (0.07)	-0.40 (0.09)
Meat pies and sausage rolls, ready-to- eat	0.33 (0.10)	0.30 (0.12)
Frozen convenience meats or frozen convenience meat products	0.43 (0.10)	0.47 (0.13)
Other meat products	0.17 (0.10)	-0.07 (0.07)
<i>Total other meat and meat products</i>	<i>0.21 (0.05)</i>	<i>0.15 (0.05)</i>
FISH:		
White, filleted, fresh	0.15 (0.16)	0.08 (0.16)
White, unfilleted, fresh	0.06 (0.22)	-0.19 (0.26)
White, uncooked, frozen	0.24 (0.15)	0.28 (0.17)
Herrings, filleted, fresh	0.67 (0.82)	0.75 (0.75)
Herrings, unfilleted, fresh	-0.43 (0.46)	-0.37 (0.50)
Fat, fresh, other than herrings	1.39 (0.52)	0.56 (0.34)
White, processed	0.45 (0.26)	0.44 (0.25)
Fat, processed, filleted	0.52 (0.36)	0.64 (0.27)
Fat, processed, unfilleted	0.48 (0.42)	0.33 (0.32)
Shellfish	1.14 (0.55)	1.06 (0.68)
Cooked fish	-0.09 (0.11)	-0.21 (0.09)
Canned salmon	0.46 (0.16)	0.51 (0.19)

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities of quantity purchased
FISH—continued		
Other canned or bottled fish	0.34 (0.13)	0.23 (0.12)
Fish products, not frozen	0.06 (0.25)	-0.25 (0.22)
Frozen convenience fish products	0.17 (0.11)	0.15 (0.15)
<i>Total fish</i>	<i>0.25 (0.05)</i>	<i>0.15 (0.06)</i>
EGGS		
	0.09 (0.05)	0.02 (0.05)
FATS:		
Butter	0.22 (0.06)	0.22 (0.05)
Margarine	-0.25 (0.09)	-0.27 (0.10)
Lard and compound cooking fat	-0.39 (0.10)	-0.45 (0.10)
Vegetable and salad oils	0.57 (0.11)	0.52 (0.13)
All other fats	-0.15 (0.24)	-0.30 (0.22)
<i>Total fats</i>	<i>0.06 (0.04)</i>	<i>-0.04 (0.05)</i>
SUGAR AND PRESERVES:		
Sugar	-0.23 (0.04)	-0.25 (0.03)
Jams, jellies and fruit curds	-0.42 (0.11)	-0.43 (0.12)
Marmalade	0.20 (0.17)	0.13 (0.17)
Syrup, treacle	0.13 (0.28)	0.17 (0.26)
Honey	0.44 (0.25)	0.36 (0.26)
<i>Total sugar and preserves</i>	<i>-0.18 (0.02)</i>	<i>-0.23 (0.03)</i>
VEGETABLES:		
Old potatoes		
January-August		
not prepacked	-0.27 (0.11)	-0.34 (0.14)
prepacked	0.09 (0.31)	0.11 (0.34)
New potatoes		
January-August		
not prepacked	-0.01 (0.04)	-0.09 (0.06)
prepacked	0.19 (0.64)	0.03 (0.65)
Potatoes		
September-December		
not prepacked	-0.08 (0.11)	-0.08 (0.10)
prepacked	0.26 (0.41)	0.23 (0.39)
<i>Total fresh potatoes</i>	<i>-0.09 (0.03)</i>	<i>-0.15 (0.06)</i>
Cabbage, fresh	0.04 (0.08)	-0.07 (0.06)
Brussels sprouts, fresh	0.24 (0.14)	0.23 (0.12)
Cauliflowers, fresh	0.38 (0.08)	0.27 (0.13)
Leafy salads, fresh	0.57 (0.07)	0.52 (0.09)
Peas, fresh	0.09 (0.25)	-0.34 (0.39)
Beans, fresh	1.00 (0.32)	0.56 (0.25)
Other fresh green vegetables	1.02 (0.61)	1.45 (1.16)
<i>Total fresh green vegetables</i>	<i>0.35 (0.04)</i>	<i>0.20 (0.06)</i>
Carrots, fresh	0.21 (0.06)	0.10 (0.06)
Turnips and swedes, fresh	-0.26 (0.21)	-0.53 (0.14)
Other root vegetables, fresh	0.52 (0.21)	0.23 (0.16)
Onions, shallots, leeks, fresh	0.21 (0.06)	0.16 (0.08)
Cucumbers, fresh	0.66 (0.11)	0.65 (0.11)
Mushrooms, fresh	0.91 (0.09)	0.86 (0.09)
Tomatoes, fresh	0.38 (0.04)	0.29 (0.05)
Miscellaneous fresh vegetables	1.17 (0.11)	0.73 (0.10)
<i>Total other fresh vegetables</i>	<i>0.48 (0.04)</i>	<i>0.22 (0.03)</i>
Tomatoes, canned or bottled	0.24 (0.16)	0.24 (0.16)
Canned peas	-0.66 (0.11)	-0.67 (0.11)

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities quantity purchase
VEGETABLES—continued		
Canned beans	-0.17 (0.10)	-0.18 (0.09)
Canned vegetables, other than pulses, potatoes or tomatoes	-0.08 (0.12)	-0.23 (0.07)
Dried pulses, other than air-dried	-0.13 (0.18)	-0.23 (0.28)
Air-dried vegetables	0.58 (0.25)	0.25 (0.36)
Vegetable juices	1.30 (0.23)	1.09 (0.38)
Chips, excluding frozen	-0.35 (0.11)	-0.40 (0.11)
Instant potato	-0.65 (0.43)	-0.51 (0.40)
Canned potato	-0.00 (0.52)	-0.03 (0.47)
Crisps and other potato products, not frozen	0.30 (0.10)	0.24 (0.14)
Other vegetable products	0.46 (0.23)	0.42 (0.23)
Frozen peas	0.72 (0.08)	0.86 (0.13)
Frozen beans	0.82 (0.20)	0.95 (0.18)
Frozen chips and other frozen con- venience potato products	1.10 (0.17)	1.41 (0.20)
All frozen vegetable and frozen vege- table products, not specified elsewhere	1.26 (0.11)	1.23 (0.16)
<i>Total processed vegetables</i>	<i>0.23 (0.06)</i>	<i>0.12 (0.06)</i>
FRUIT:		
Fresh		
Oranges	0.40 (0.07)	0.48 (0.09)
Other citrus fruit	0.96 (0.10)	1.09 (0.11)
Apples	0.50 (0.05)	0.44 (0.07)
Pears	0.57 (0.22)	0.56 (0.28)
Stone fruit	0.85 (0.10)	0.82 (0.18)
Grapes	0.52 (0.21)	0.46 (0.19)
Soft fruit, other than grapes	1.03 (0.37)	0.71 (0.34)
Bananas	0.39 (0.05)	0.35 (0.05)
Rhubarb	0.11 (0.38)	0.50 (0.18)
Other fresh fruit	0.85 (0.36)	0.74 (0.43)
<i>Total fresh fruit</i>	<i>0.57 (0.04)</i>	<i>0.53 (0.05)</i>
Canned peaches, pears and pineapples	0.26 (0.11)	0.30 (0.11)
Other canned or bottled fruit	0.35 (0.08)	0.26 (0.07)
Dried fruit and dried fruit products	0.57 (0.05)	0.40 (0.07)
Frozen fruit and frozen fruit products	2.27 (0.98)	2.38 (0.93)
Nuts and nut products	1.10 (0.18)	1.07 (0.19)
Fruit juices	1.26 (0.16)	1.50 (0.24)
<i>Total other fruit and fruit products</i>	<i>0.72 (0.06)</i>	<i>0.77 (0.08)</i>
CEREALS:		
White bread, large loaves, unsliced	-0.11 (0.07)	-0.13 (0.07)
White bread, large loaves, sliced	-0.43 (0.08)	-0.42 (0.07)
White bread, small loaves, unsliced	-0.20 (0.10)	-0.21 (0.10)
White bread, small loaves, sliced	-0.09 (0.23)	-0.06 (0.23)
Brown bread	0.34 (0.05)	0.35 (0.06)
Wholewheat and wholemeal bread	0.74 (0.18)	0.75 (0.17)
Other bread	0.23 (0.07)	0.13 (0.09)
<i>Total bread</i>	<i>-0.08 (0.04)</i>	<i>-0.15 (0.04)</i>
Flour	-0.19 (0.14)	-0.18 (0.13)
Buns, scones and teacakes	0.13 (0.10)	0.08 (0.10)
Cakes and pastries	0.25 (0.09)	0.21 (0.09)
Crispbread	0.49 (0.17)	0.42 (0.15)
Biscuits, other than chocolate biscuits	0.07 (0.05)	0.03 (0.05)
Chocolate biscuits	0.38 (0.07)	0.38 (0.08)
<i>Total cakes and biscuits</i>	<i>0.21 (0.04)</i>	<i>0.14 (0.04)</i>

TABLE 2—continued

	Income elasticities of expenditure	Income elasticities of quantity purchased
CEREALS—continued		
Oatmeal and oat products	-0.55 (0.33)	-0.51 (0.33)
Breakfast cereals	0.09 (0.06)	0.05 (0.06)
Canned milk puddings	-0.47 (0.20)	-0.48 (0.22)
Other puddings	0.24 (0.27)	0.15 (0.28)
Rice	-0.06 (0.48)	-0.04 (0.47)
Cereal-based invalid foods (including "slimming" foods)	0.42 (1.38)	1.56 (1.14)
Infant cereal foods	-1.14 (0.30)	-1.43 (0.30)
Frozen convenience cereal foods	1.46 (0.35)	1.40 (0.39)
Cereal convenience foods, including canned, not specified elsewhere	0.03 (0.12)	-0.17 (0.14)
Other cereal foods	0.59 (0.20)	0.58 (0.23)
<i>Total other cereals</i>	<i>0.09 (0.09)</i>	<i>-0.05 (0.11)</i>
BEVERAGES:		
Tea	-0.16 (0.04)	-0.19 (0.06)
Coffee, bean and ground	1.28 (0.32)	1.15 (0.30)
Coffee, instant	0.43 (0.07)	0.39 (0.07)
Coffee essences	-1.14 (0.89)	-1.34 (0.93)
Cocoa and drinking chocolate	0.26 (0.33)	0.26 (0.34)
Branded food drinks	-0.18 (0.31)	-0.11 (0.33)
<i>Total beverages</i>	<i>0.16 (0.03)</i>	<i>-0.03 (0.04)</i>
MISCELLANEOUS:		
Baby foods, canned or bottled	-1.22 (0.45)	-1.29 (0.47)
Soups, canned	-0.19 (0.09)	-0.29 (0.09)
Soups, dehydrated and powdered	0.48 (0.20)	0.45 (0.20)
Spreads and dressings	0.68 (0.19)	0.64 (0.21)
Pickles and sauces	0.33 (0.07)	0.26 (0.10)
Meat and yeast extracts	-0.11 (0.13)	-0.13 (0.13)
Table jellies, squares and crystals	0.00 (0.13)	0.01 (0.13)
Ice-cream (served as part of a meal), mousse	0.86 (0.11)	0.95 (0.14)
All frozen convenience foods, not specified elsewhere	0.47 (1.25)	0.43 (1.35)
Salt	0.08 (0.20)	0.04 (0.19)
Novel protein foods	0.32 (0.77)	0.65 (1.14)
ALL ABOVE FOODS	<i>0.24 (0.04)</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, 1974-1979

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained		Deflated prices (£)			Monthly averages			Purchases (£)		
				by the price elasticity (d)	by the price elasticity and any significant seasonal or annual shifts in demand	Mean	Range		Mean	Min	Max	Mean	Min	Max
							Min	Max						
MILK:														
Liquid milk, full price (g)	4	-0.16 (0.04)	[S] and A	0.21	0.80	2.99	2.16	3.52	4.41	3.91	4.75	4.41	3.91	4.75
Condensed milk	9	-0.36 (0.47)	S and A	0.01	0.58	3.10	2.73	3.40	0.14	0.09	0.22	0.14	0.09	0.22
Instant milk	12	-1.04 (0.33)	[S] and A	0.07	0.53	2.96	1.95	2.96	0.09	0.04	0.17	0.09	0.04	0.17
Yoghurt	13	-1.35 (0.55)	S and A	0.10	0.81	10.21	9.08	11.85	0.05	0.03	0.09	0.05	0.03	0.09
Other milk	14	-1.48 (0.17)	A	0.54	0.68	10.64	5.27	19.63	0.01	...	0.03	0.01	...	0.03
Cream	17	-0.23 (0.40)	S and A	0.01	0.61	23.21	19.73	26.23	0.03	0.02	0.05	0.03	0.02	0.05
CHEESE:														
Cheese, processed	23	-0.90 (0.36)	A	0.09	0.37	21.51	18.81	24.61	0.26	0.15	0.37	0.26	0.15	0.37
MEAT:														
Beef and veal (g)	31	-1.45 (0.24)	S and [A]	0.40	0.64	25.42	20.76	31.00	7.97	5.71	12.30	7.97	5.71	12.30
Mutton and lamb (g)	36	-1.11 (0.21)	S and A	0.33	0.61	20.41	17.61	24.31	4.07	2.80	5.65	4.07	2.80	5.65
Pork (g)	41	-1.66 (0.20)	S and A	0.36	0.74	21.04	15.96	25.52	3.16	1.76	5.23	3.16	1.76	5.23
All carcase meat	31, 36, 41	-1.17 (0.21)	S and A	0.37	0.64	23.09	20.65	28.22	15.20	12.34	19.29	15.20	12.34	19.29
Liver	46	-0.93 (0.27)	S and A	0.18	0.51	17.59	13.41	23.86	0.76	0.56	0.95	0.76	0.56	0.95
Offals, other than liver	51	-0.86 (0.31)	S and A	0.13	0.63	13.31	9.34	16.21	0.35	0.15	0.58	0.35	0.15	0.58
All offals, including liver	46, 51	-1.15 (0.29)	S and A	0.23	0.63	16.18	12.83	21.31	1.11	0.76	1.49	1.11	0.76	1.49
Bacon and ham, uncooked (g)	55	-0.41 (0.10)	[S]	0.23	0.32	23.13	20.45	27.01	4.20	3.64	4.94	4.20	3.64	4.94
Bacon and ham, cooked, including canned	58	-0.93 (0.33)	S and [A]	0.13	0.80	32.21	27.41	42.30	1.03	0.64	1.46	1.03	0.64	1.46
Poultry, cooked	59	-1.56 (0.39)	[S] and A	0.23	0.49	26.20	20.94	36.57	0.20	0.04	0.42	0.20	0.04	0.42
Corned meat	62	-1.37 (0.08)	S	0.84	0.86	26.23	20.18	37.07	0.61	0.27	0.93	0.61	0.27	0.93
Other cooked meat, not canned	66	-0.01 (0.29)	S and A	...	0.76	27.80	23.65	32.84	0.53	0.36	0.78	0.53	0.36	0.78
Other canned meat, excluding corned meat	71	-0.45 (0.36)	[S] and A	0.03	0.60	13.77	11.62	16.96	1.56	1.04	1.96	1.56	1.04	1.96
Other cooked and canned meat	66, 71	-0.71 (0.28)	S and A	0.10	0.70	17.30	15.21	20.87	2.09	1.53	2.71	2.09	1.53	2.71
Broiler chicken, uncooked, including frozen (g)	73	-0.89 (0.29)	S and A	0.15	0.55	12.98	11.56	14.00	3.93	2.79	4.97	3.93	2.79	4.97
Other poultry, uncooked, including frozen	77	-0.49 (0.63)	S and A	0.01	0.63	12.84	11.18	14.84	1.87	0.84	6.19	1.87	0.84	6.19
Sausages, uncooked, pork	79	-1.77 (0.53)	S and A	0.17	0.51	13.69	11.93	15.41	1.85	1.45	2.59	1.85	1.45	2.59
Sausages, uncooked, beef	80	-1.00 (0.56)	S and A	0.06	0.49	12.62	11.58	14.44	1.57	1.12	2.05	1.57	1.12	2.05
Sausages, pork and/or beef, uncooked	79, 80	-1.01 (0.51)	S and A	0.07	0.51	13.20	12.04	14.95	3.42	2.81	4.23	3.42	2.81	4.23

TABLE 3 continued

	Food codes (e)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained		Deflated prices (c)			Purchases (f)			
				by the price elasticity (d)	by the price elasticity and any significant seasonal or annual shifts in demand	Mean	Range		Mean	Range		
							Min	Max		Min	Max	
MEAT—continued												
Meat pies, sausage rolls, ready-to-eat	83	-0.65 (0.51)	S and [A]	0.03	0.50	15.07	13.98	16.28	0.73	0.46	1.03	
Frozen convenience meats and frozen convenience meat products	88 94	-1.18 (0.32) -0.17 (0.23)	[S] and A A	0.20 0.01	0.76 0.41	18.32 17.88	14.70 15.95	22.52 20.07	1.07 2.32	0.56 1.90	1.61 2.89	
Other meat products	83, 88, 94	-0.31 (0.30)	[S] and A	0.02	0.63	17.45	15.72	19.50	4.12	3.25	5.04	
Meat products, other than uncooked sausages	31-41 46-94	-0.61 (0.22)	S and A	0.13	0.66	19.79	18.10	23.02	37.86	33.19	45.79	
All meat and meat products												
FISH:												
Fresh white fish, filleted	100	-1.35 (0.49)	S and A	0.12	0.67	22.65	18.78	26.23	0.78	0.39	1.15	
Fresh white fish, unfileted	105	-1.69 (0.32)	[S] and A	0.35	0.77	18.85	11.10	24.37	0.41	0.05	0.84	
Frozen white fish	110	-1.79 (0.49)	[S] and A	0.20	0.60	24.27	20.12	29.49	0.40	0.20	0.60	
Processed white fish	114	-1.41 (0.41)	S and [A]	0.18	0.28	23.08	14.05	26.86	0.20	0.11	0.35	
Uncooked white fish, including smoked and frozen	100, 105, 110, 114	-0.82 (0.20)	S	0.22	0.39	22.18	19.09	24.89	1.79	1.19	2.20	
Processed fat fish, filleted	115	-0.63 (0.29)	[S] and A	0.08	0.33	21.35	13.59	30.44	0.10	0.03	0.19	
Processed fat fish, unfileted	116	-0.36 (0.37)	[S] and A	0.02	0.46	14.93	9.30	37.16	0.08	0.01	0.17	
Shellfish	117	-0.52 (0.27)	[S] and A	0.06	0.34	40.40	26.44	55.57	0.08	0.03	0.20	
Cooked fish	118	-0.73 (0.58)	[S] and A	0.03	0.58	25.87	23.55	29.05	0.66	0.36	1.04	
Canned salmon	119	-1.71 (0.64)	S and A	0.12	0.55	41.68	32.58	61.40	0.18	0.04	0.36	
Other canned or bottled fish	120	-0.50 (0.24)	S and A	0.07	0.59	18.90	14.99	21.33	0.40	0.24	0.62	
Fish products, not frozen	123	-0.76 (0.26)	[S] and [A]	0.14	0.40	26.99	19.30	36.04	0.13	0.06	0.21	
Frozen convenience fish and frozen convenience fish products	127	-0.35 (0.35)	[S] and A	0.02	0.41	20.24	16.68	23.46	0.75	0.39	0.95	
Frozen white fish and frozen convenience fish products	110, 127	-0.72 (0.46)	[S] and A	0.04	0.49	21.58	18.25	24.76	1.15	0.59	1.51	
EGGS	129	-0.14 (0.10)	S and A	0.04	0.45	1.21	0.99	1.73	3.87	3.50	4.23	

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		Monthly averages					
				by the price elasticity (d)	by the price elasticity and any significant seasonal or annual shifts in demand	Deflated prices (e)					
						Mean	Range Min	Max	Mean	Range Min	Max
FATS:											
Butter (g)	135	-0.21 (0.09)	S and A	0.08	0.84	13.18	10.30	16.81	5.02	4.14	6.12
Margarine (g)	138	-0.73 (0.19)	S and A	0.21	0.83	8.60	7.13	10.61	3.16	1.91	4.18
Lard and compound cooking fat	139	-0.12 (0.18)	S and [A]	0.01	0.56	6.85	5.36	9.16	1.89	1.48	2.63
Vegetable and salad oils	143	-0.65 (0.36)	[S] and A	0.06	0.39	12.21	8.99	18.55	0.69	0.34	1.44
All other fats	148	-0.91 (0.22)	S and A	0.23	0.69	12.74	10.31	16.85	0.33	0.17	0.51
Total fats	135, 138, 139, 143, 148	-0.02 (0.09)	S	...	0.59	10.59	9.54	11.76	10.94	9.70	12.52
SUGAR AND PRESERVES:											
Sugar	150	-0.50 (0.08)	S and A	0.42	0.64	3.76	2.54	6.32	12.03	9.29	15.84
Marmalade	152	-0.65 (0.49)	[S] and A	0.03	0.46	7.37	6.48	8.98	0.76	0.51	1.14
Syrup and treacle	153	-0.02 (0.51)	S and [A]	0.08	0.49	6.49	5.14	8.84	0.25	0.11	0.44
Honey	154	-0.85 (0.37)	[S]	0.08	0.20	15.48	6.56	19.33	0.18	0.03	0.56
VEGETABLES:											
Potatoes, excluding potato products	156-161	-0.17 (0.04)	S and A	0.29	0.85	2.05	0.86	5.29	38.89	24.31	52.74
Cabbages, fresh	162	-0.17 (0.09)	S and A	0.06	0.39	3.10	1.60	5.76	3.46	2.50	4.99
Cauliflowers, fresh	164	-2.38 (0.24)	S and A	0.65	0.85	4.19	2.42	6.87	2.12	0.13	4.40
Leafy salads, fresh	167	-0.53 (0.15)	S and A	0.19	0.96	10.80	5.31	18.15	1.02	0.27	2.20
Peas, fresh (h)	168	-3.22 (0.76)	[S] and A	0.67	0.87	4.70	2.52	8.31	0.70	0.03	1.71
Beans, fresh (i)	169	-1.65 (0.16)	S and A	0.85	0.96	5.40	3.07	13.69	0.84	0.05	1.87
Brassicac	162, 163, 164, 171	-0.70 (0.08)	S and A	0.60	0.85	3.55	2.38	5.76	7.07	4.43	10.31
Carrots, fresh	172	-0.45 (0.07)	S and A	0.44	0.92	2.99	1.43	6.73	2.90	0.94	4.85
Turnips and swedes, fresh	173	-0.64 (0.23)	S	0.12	0.92	2.59	1.31	7.47	1.09	0.04	2.42
Other root vegetables, fresh	174	-0.50 (0.22)	S and A	0.09	0.86	4.64	2.75	8.37	0.58	0.20	1.00
Onions, shallots and leeks, fresh	175	-0.44 (0.05)	S	0.52	0.86	3.89	1.86	6.05	2.72	1.86	3.99
Cucumbers, fresh	176	-0.73 (0.17)	S	0.23	0.95	8.24	5.28	13.02	0.79	0.23	1.72
Mushrooms, fresh	177	-0.10 (0.16)	S and A	0.01	0.46	16.17	12.44	35.52	0.46	0.31	0.62
Tomatoes, fresh	178	-0.36 (0.16)	S and A	0.09	0.95	9.78	4.31	15.82	3.12	1.16	5.92
Miscellaneous fresh vegetables	183	-0.86 (0.25)	[S] and A	0.18	0.81	6.89	3.14	11.70	0.82	0.22	1.88
Tomatoes, canned and bottled	184	-0.53 (0.09)	S	0.39	0.61	5.36	3.87	7.47	1.10	0.57	1.69
Canned peas	185	-0.78 (0.37)	S and A	0.08	0.50	4.29	3.79	4.88	2.69	1.97	3.61
Canned beans	188	-0.75 (0.21)	[S] and A	0.20	0.54	4.59	3.65	5.85	3.90	3.09	4.54

	Food codes (n)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly average purchases explained		Monthly averages					
				by the price elasticity (d)	by the price elasticity and any significant seasonal or annual shifts in demand	Deflated prices (e)		Purchases (f)			
						Mean	Range	Mean	Range		
Canned vegetables, other than pulses, potatoes or tomatoes	191	-1.47 (0.39)	S and A	0.21	0.55	6.08	5.17	7.11	1.22	0.70	1.89
Canned vegetables, excluding potatoes and tomatoes	185, 188, 191	-0.78 (0.28)	S and A	0.13	0.44	4.70	4.01	5.54	7.81	6.21	9.25
Dried pulses, other than air-dried	192	-1.89 (0.28)	S and A	0.47	0.75	8.51	5.59	11.38	0.33	0.11	0.67
Vegetable juices	196	-1.12 (0.17)	[S]	0.42	0.49	11.34	7.20	21.51	0.11	0.03	0.26
Chips, excluding frozen	197	-0.83 (0.19)	S and A	0.27	0.74	12.02	7.36	17.86	0.92	0.50	1.40
Instant potato	198	-0.96 (0.34)	A	0.11	0.43	20.43	11.88	29.20	0.11	0.04	0.28
Canned potato	199	-0.95 (0.71)	[S] and A	0.03	0.45	5.75	4.12	7.45	0.20	0.02	0.52
Crisps and other potato products, not frozen	200	-0.70 (0.20)	S and A	0.18	0.66	24.26	17.00	28.28	0.55	0.41	0.75
Other vegetable products	202	-0.45 (0.37)	S and A	0.04	0.61	13.57	11.17	17.25	0.28	0.12	0.47
Frozen peas	203	-0.51 (0.31)	S and A	0.05	0.62	7.42	6.10	8.51	1.57	1.10	2.36
Frozen beans	204	-0.94 (0.25)	S	0.19	0.68	9.28	6.67	11.53	0.48	0.18	0.84
Frozen chips and other frozen convenience potato products	205	-1.21 (0.35)	S and A	0.19	0.49	6.90	4.33	10.40	0.65	0.17	1.46
Processed potatoes, including frozen	197, 198, 199, 200, 205	-0.89 (0.16)	S and A	0.36	0.75	13.25	9.98	17.27	2.42	1.54	3.50
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	-2.65 (0.39)	S and A	0.46	0.75	9.88	7.74	12.22	0.72	0.16	1.58
Frozen vegetables, excluding potatoes	203, 204, 208	-0.95 (0.47)	S and A	0.07	0.65	8.32	6.87	9.55	2.78	1.69	4.34
All frozen vegetables	203, 204, 205, 208	-0.88 (0.39)	S and A	0.09	0.65	8.03	6.46	9.44	3.43	1.94	5.21
FRUIT:											
Oranges (g)	210	-0.68 (0.29)	S and A	0.09	0.93	4.68	4.03	5.77	3.17	1.40	6.26
Other citrus fruit	214	-1.52 (0.29)	S	0.32	0.90	5.22	3.44	7.24	1.69	0.42	4.03
All citrus fruit	210, 214	-0.72 (0.31)	S and [A]	0.09	0.92	4.87	3.90	6.10	4.85	2.07	7.65
Apples (g)	217	-0.57 (0.06)	S	0.60	0.78	5.18	3.31	8.15	6.32	3.05	8.38
Pears (g)	218	-1.45 (0.28)	S and A	0.34	0.81	5.51	3.30	7.34	0.77	0.20	1.65
Stone fruit, fresh (i)	221	-2.38 (0.43)	S	0.55	0.88	8.01	4.57	12.97	1.35	0.04	3.22
Grapes fresh	222	-1.85 (0.31)	S	0.38	0.87	12.26	6.51	22.88	0.29	0.02	0.91

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		Monthly averages					
				by the price elasticity (d)	by the price elasticity and any significant seasonal or annual shifts in demand	Deflated prices (e)			Purchases (f)		
						Mean	Min	Max	Mean	Min	Max
FRUIT—continued											
Soft fruit, fresh, other than grapes (h)	227	-4.96 (1.11)	S and A	0.69	0.93	11.35	8.45	18.29	1.38	0.07	4.11
Bananas	228	-0.71 (0.33)	S and [A]	0.08	0.71	5.48	4.80	6.20	2.88	2.02	3.77
Rhubarb, fresh (j)	229	-0.93 (0.49)	S and [A]	0.09	0.75	4.46	1.33	9.06	0.22	0.01	0.53
Other fresh fruit (k)	231	-1.01 (0.35)	S	0.16	0.84	7.34	4.13	18.35	0.47	0.02	1.81
Canned peaches, pears and pineapples	233	-0.93 (0.28)	S and A	0.17	0.69	7.12	6.18	8.15	1.60	1.09	2.36
Other canned and bottled fruit	236	-0.16 (0.39)	A	...	0.53	7.63	6.83	8.68	1.73	1.03	2.48
All canned and bottled fruit	233, 236	-0.36 (0.27)	S and A	0.03	0.72	7.38	6.56	8.39	3.33	2.31	4.74
Nuts and nut products	245	-0.07 (0.25)	S and A	...	0.89	18.37	14.79	23.90	0.34	0.11	1.21
Fruit juices	248	-1.34 (0.31)	A	0.22	0.66	7.41	6.30	10.55	1.51	0.74	2.90
CEREALS:											
Standard white loaves	251-254	-0.13 (0.22)	S and A	0.01	0.69	3.83	3.43	4.34	25.99	20.78	30.49
Brown bread	255	-0.81 (0.49)	[S] and A	0.05	0.79	4.85	4.39	5.83	2.92	1.68	4.45
Wholewheat and wholemeal bread	256	-2.70 (0.66)	[S] and A	0.25	0.66	4.79	4.14	5.54	0.74	0.21	1.38
Brown, wholewheat and wholemeal bread	255, 256	-0.89 (0.52)	[S] and A	0.05	0.80	4.83	4.42	5.68	3.66	1.95	5.39
All bread	251-256, 263	-0.17 (0.23)	S and [A]	0.01	0.44	4.31	3.89	4.82	32.68	24.49	35.57
Flour, other than chocolate biscuits	264	-0.15 (0.38)	S and A	...	0.36	2.55	2.00	3.36	5.85	4.34	9.84
Biscuits	274	-0.15 (0.15)	S and A	0.02	0.69	10.03	9.08	12.07	4.29	3.36	4.89
Chocolate biscuits	277	-0.67 (0.25)	S and A	0.12	0.69	19.63	16.70	21.95	1.04	0.77	1.44
All biscuits	271, 274, 277	-0.10 (0.11)	S	0.02	0.59	11.88	10.89	13.98	5.57	4.54	6.61
Oatmeal and oat products (g)	281	-1.05 (0.41)	S and A	0.11	0.74	5.95	4.72	7.85	0.49	0.14	1.01
Canned milk puddings	285	-0.81 (0.58)	[S] and A	0.04	0.57	4.22	3.81	4.63	1.41	0.90	1.99
Puddings, other than canned milk puddings	286	-1.01 (0.28)	S and A	0.19	0.88	12.48	8.90	17.30	0.23	0.06	0.64
Frozen convenience cereal foods	294	-0.37 (0.39)	[S] and A	0.02	0.64	15.48	11.62	21.04	0.32	0.07	0.79
Cereal convenience foods (including canned), not specified elsewhere	299	-0.61 (0.21)	S and A	0.14	0.51	9.23	8.09	10.32	2.07	1.65	2.57
Other cereal foods	301	-1.31 (0.19)	[S]	0.46	0.57	7.63	4.04	9.72	0.36	0.17	1.10

TABLE 3—CONTINUED

	Food codes (a)	Estimated price elasticity (b)	Significant seasonal and annual shifts in demand (c)	Proportion of variation in monthly purchases explained		Monthly averages						
				by the price elasticity and any seasonal or annual shifts in demand (d)	by the price elasticity and any seasonal or annual shifts in demand	Deflated prices (e)		Purchases (f)				
						Mean	Range	Mean	Range			
BEVERAGES:												
Tea (r)	304	-0.43 (0.10)	[S] and A	0.27	0.51	21.66	15.47	33.77	2.14	1.70	2.89	
Coffee, bean and ground	307	-0.51 (0.14)	S	0.19	0.26	45.79	25.41	81.68	0.09	0.02	0.20	
Instant coffee (g)	308	-0.63 (0.15)	S and A	0.25	0.72	76.72	49.89	126.27	0.47	0.27	0.65	
Cocoa and drinking chocolate (g)	312	-0.74 (0.46)	S and [A]	0.05	0.53	19.08	12.43	30.52	0.14	0.07	0.27	
Branded food drinks	313	-0.92 (0.66)	S and [A]	0.04	0.47	16.99	14.14	20.70	0.17	0.06	0.30	
MISCELLANEOUS:												
Baby food, canned or bottled	315	-0.70 (0.83)	[S] and A	0.01	0.65	10.16	8.04	11.97	0.39	0.09	1.13	
Canned soups	318	-0.55 (0.37)	S and A	0.04	0.90	5.12	4.58	5.71	3.05	1.66	4.77	
Dehydrated and powdered soups	319	-1.17 (0.23)	S	0.30	0.74	28.54	20.22	35.52	0.13	0.05	0.25	
Spreads and dressings	323	-0.37 (0.36)	S and A	0.02	0.89	14.12	11.68	18.01	0.31	0.11	0.73	
Pickles and sauces	327	-1.01 (0.38)	S and A	0.12	0.73	8.88	7.95	9.70	1.70	1.15	3.19	
Meat and yeast extracts	328	-1.02 (0.32)	S and A	0.16	0.76	38.41	30.05	46.29	0.17	0.08	0.24	
Ice-cream (served as part of a meal), mousse	332	-1.18 (0.33)	S and A	0.19	0.86	7.12	4.90	9.89	1.80	0.69	4.17	

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

(b) Calculated from monthly Survey data from 1974 to 1979 except where otherwise stated. The figures in brackets are estimates of the standard errors.

(c) Where S and 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 purchases explained by the price elasticity, once any variability due to seasonal or annual shifts in demand has been removed. Condensed and instant milk; per one-tenth gallon of ice-cream; per egg.

(e) Pence per lb deflated to January 1962 general price level, except for pence per pint of milk, yoghurt, cream, vegetable and salad oils, vegetable juices, fruit juices; per equivalent pint of instant milk; number of eggs.

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

(g) Calculated from data for June to August, 1974 to 1979.

(h) Calculated from data for June to October, 1974 to 1979.

(i) Calculated from data for January to August, 1974 to 1979.

(j) Calculated from data for April to December, 1974 to 1979.

(k) Calculated from data for April to December, 1974 to 1979.

TABLE 4

Annual indices of average deflated prices (a), purchases and demand
1974-1979

(average for the whole period=100)

	Food codes (b)		1974	1975	1976	1977	1978	1979
Liquid milk—full price (e)	4	Prices	82	86	100	108	114	119
		Purchases	103	104	104	98	97	97
		Demand (c)	100	101	104	99	99	99
		Demand (d)	100	101	104	99	99	99
Condensed milk	9	Prices	96	100	102	97	103	103
		Purchases	119	103	107	101	82	82
		Demand (c)	117	103	108	100	83	83
		Demand (d)	116	103	107	100	83	83
Dried milk, branded	11	Prices	93	101	102	100	102	102
		Purchases	118	101	98	66	102	102
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Instant milk	12	Prices	111	108	103	95	93	93
		Purchases	78	75	93	113	128	128
		Demand (c)	86	81	96	107	118	118
		Demand (d)	86	81	96	107	119	119
Yoghurt	13	Prices	105	107	103	99	94	94
		Purchases	91	81	90	93	118	118
		Demand (c)	97	89	93	91	109	109
		Demand (d)	100	90	95	94	107	107
Other milk	14	Prices	112	113	128	90	89	89
		Purchases	72	82	74	86	132	132
		Demand (c)	85	98	106	73	111	111
		Demand (d)	87	99	107	75	109	109
Cream	17	Prices	93	97	97	99	108	108
		Purchases	108	105	91	96	99	99
		Demand (c)	107	104	90	95	100	100
		Demand (d)	109	106	92	98	98	98
Cheese, natural	22	Prices	99	94	93	101	105	105
		Purchases	98	100	99	101	99	99
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cheese, processed	23	Prices	100	96	96	99	104	104
		Purchases	107	111	112	94	90	90
		Demand (c)	107	106	108	93	93	93
		Demand (d)	108	107	109	93	93	93
Total cheese	22, 23	Prices	100	94	94	100	105	105
		Purchases	98	101	100	101	99	99
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Beef and veal (e)	31	Prices	109	96	100	96	101	101
		Purchases	92	105	95	101	103	103
		Demand (c)	104	99	95	95	104	104
		Demand (d)	105	100	95	96	104	104
Mutton and lamb (e)	36	Prices	108	95	97	98	104	104
		Purchases	99	104	102	95	95	95
		Demand (c)	108	98	99	93	100	100
		Demand (d)	109	98	100	94	99	99

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Pork (e)	41	Prices	105	105	103	93	101	94
		Purchases	101	87	89	104	107	115
		Demand (c)	110	94	93	92	109	104
		Demand (d)	111	95	93	93	108	102
All carcass meat	31, 36, 41	Prices	108	98	99	96	102	98
		Purchases	96	101	96	100	102	106
		Demand (c)	104	98	95	95	104	104
		Demand (d)	105	99	95	96	103	102
Liver	46	Prices	131	112	97	86	89	93
		Purchases	91	99	102	109	105	96
		Demand (c)	116	110	99	94	94	89
		Demand (d)	116	110	99	94	94	90
Wals, other than liver	51	Prices	115	104	96	95	97	94
		Purchases	109	111	106	103	89	86
		Demand (c)	123	115	103	99	86	81
		Demand (d)	124	115	103	99	86	80
All offals, including liver	46, 51	Prices	125	109	97	89	91	94
		Purchases	96	102	103	107	100	92
		Demand (c)	124	113	99	93	90	86
		Demand (d)	124	113	99	93	90	86
Bacon and ham, uncooked (e)	55	Prices	110	105	105	94	95	93
		Purchases	99	96	96	103	103	103
		Demand (c)	103	98	98	101	101	100
		Demand (d)	104	98	98	101	100	98
Bacon and ham, cooked, including canned	58	Prices	118	105	102	92	93	92
		Purchases	93	97	97	101	106	107
		Demand (c)	108	102	99	94	99	99
		Demand (d)	109	102	99	94	99	98
Poultry, cooked	59	Prices	106	102	94	94	105	99
		Purchases	85	90	98	102	96	137
		Demand (c)	94	93	89	93	103	136
		Demand (d)	95	95	90	94	101	129
Canned meat	62	Prices	138	107	99	94	83	88
		Purchases	63	93	102	115	130	111
		Demand (c)	98	103	100	106	101	93
		Demand (d)	98	103	100	106	101	94
Other cooked meat, not canned	66	Prices	109	100	98	93	99	100
		Purchases	116	114	96	90	94	94
		Demand (c)	116	114	96	89	94	94
		Demand (d)	116	113	96	89	94	95
Other canned meat, excluding corned meat	71	Prices	119	102	99	97	96	90
		Purchases	114	108	109	89	89	95
		Demand (c)	123	109	108	88	87	90
		Demand (d)	122	108	108	87	88	92
Other cooked and canned meat	66, 71	Prices	115	102	97	96	98	94
		Purchases	114	109	106	89	90	94
		Demand (c)	126	111	103	86	89	90
		Demand (d)	125	110	103	86	89	92
Broiler chicken, uncooked, including frozen (e)	73	Prices	102	99	98	99	101	102
		Purchases	91	94	101	101	105	109
		Demand (c)	93	93	99	100	106	111
		Demand (d)	93	93	99	101	105	110

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Other poultry, uncooked, including frozen	77	Prices	105	101	98	101	99	97
		Purchases	79	96	101	105	103	120
		Demand (c)	81	97	100	105	103	118
		Demand (d)	83	99	101	108	101	111
Sausages, uncooked, pork	79	Prices	109	101	101	96	98	96
		Purchases	104	96	100	103	97	101
		Demand (c)	121	98	101	96	93	94
		Demand (d)	122	99	101	96	93	93
Sausages, uncooked, beef	80	Prices	110	100	100	96	99	96
		Purchases	99	94	93	100	112	104
		Demand (c)	108	94	93	95	110	101
		Demand (d)	107	94	92	94	111	103
Sausages, pork and/or beef, uncooked	79, 80	Prices	109	101	101	96	98	96
		Purchases	102	95	96	101	104	102
		Demand (c)	111	96	97	97	101	99
		Demand (d)	111	96	97	97	101	99
Meat pies, sausage rolls, ready-to-eat	83	Prices	103	100	100	97	100	101
		Purchases	91	103	100	102	104	101
		Demand (c)	92	103	100	100	104	101
		Demand (d)	93	103	100	101	103	99
Frozen convenience meats and frozen convenience meat products	88	Prices	116	96	97	97	99	97
		Purchases	70	85	106	113	112	125
		Demand (c)	84	81	102	109	110	120
		Demand (d)	85	81	103	110	109	117
Other meat products	94	Prices	102	95	98	99	102	104
		Purchases	98	96	92	98	109	108
		Demand (c)	99	95	92	97	110	109
		Demand (d)	99	95	92	98	110	108
Meat products, other than cooked sausages	83, 88, 94	Prices	105	96	98	98	101	102
		Purchases	89	94	97	102	109	110
		Demand (c)	91	93	96	102	109	111
		Demand (d)	91	93	97	102	109	109
All meat and meat products	31-41, 46-94	Prices	109	100	99	96	99	97
		Purchases	95	98	97	101	103	106
		Demand (c)	100	98	97	99	102	104
		Demand (d)	101	99	97	99	102	102
Fresh white fish, filleted	100	Prices	106	94	95	102	103	101
		Purchases	83	86	100	101	117	118
		Demand (c)	89	79	94	104	122	119
		Demand (d)	90	79	94	105	122	118
Fresh white fish, unfileted	105	Prices	114	102	94	98	98	95
		Purchases	159	171	111	95	68	52
		Demand (c)	199	178	100	92	65	48
		Demand (d)	199	178	100	92	65	48
Frozen white fish	110	Prices	114	93	93	102	100	100
		Purchases	71	93	120	97	114	114
		Demand (c)	90	81	106	101	114	113
		Demand (d)	91	82	107	102	113	109
Fresh fat fish, other than herrings	113	Prices	108	98	88	98	126	88
		Purchases	69	100	86	118	101	142
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Canned white fish	114	Prices	103	94	92	101	105	106
		Purchases	93	107	107	95	96	103
		Demand (c)	98	98	95	96	102	111
		Demand (d)	99	99	96	97	101	107
Cooked white fish, including smoked and frozen	100, 105, 110, 114	Prices	106	94	94	101	103	102
		Purchases	94	105	104	97	101	99
		Demand (c)	99	100	99	97	104	101
		Demand (d)	100	100	100	98	103	99
Canned fat fish, flaked	115	Prices	99	103	91	101	104	103
		Purchases	95	76	113	100	104	116
		Demand (c)	95	78	107	101	107	118
		Demand (d)	96	79	108	102	106	114
Canned fat fish, unfileted	116	Prices	96	95	87	99	111	114
		Purchases	163	120	109	87	73	74
		Demand (c)	161	118	103	86	76	78
		Demand (d)	163	119	104	88	75	75
Oilfish	117	Prices	91	101	96	100	102	111
		Purchases	75	107	109	92	115	110
		Demand (c)	71	108	107	92	116	116
		Demand (d)	74	111	109	96	112	105
Smoked fish	118	Prices	100	96	96	103	104	101
		Purchases	115	101	100	77	98	114
		Demand (c)	115	98	97	78	101	115
		Demand (d)	115	98	97	78	101	116
Canned salmon	119	Prices	123	95	97	106	94	88
		Purchases	111	165	94	82	79	90
		Demand (c)	158	152	89	90	72	72
		Demand (d)	161	154	90	92	71	69
Water canned or bottled fish	120	Prices	102	94	94	98	110	104
		Purchases	100	100	118	104	88	94
		Demand (c)	101	97	114	103	92	96
		Demand (d)	101	97	115	104	91	94
Water canned and bottled fish	119, 120	Prices	114	104	91	97	101	96
		Purchases	102	117	110	96	86	92
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Fish products, not frozen	123	Prices	110	99	102	100	100	91
		Purchases	99	107	103	81	106	107
		Demand (c)	107	106	104	81	105	99
		Demand (d)	106	106	104	81	106	101
Frozen convenience fish products	127	Prices	106	91	93	101	107	103
		Purchases	91	91	105	107	98	109
		Demand (c)	92	88	103	107	101	110
		Demand (d)	93	88	103	108	100	109
Frozen white fish and frozen convenience fish-products	110, 127	Prices	108	92	94	101	105	102
		Purchases	84	91	110	104	103	110
		Demand (c)	88	86	106	105	107	112
		Demand (d)	89	86	106	106	106	110
Water convenience fish	118, 119, 120, 123, 127	Prices	107	98	94	99	104	99
		Purchases	102	101	104	92	95	106
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

TABLE 4—continued

(average for the whole period = 100)

	Food codes (b)		1974	1975	1976	1977	1978	1
Eggs	129	Prices	125	102	99	97	89	
		Purchases	102	103	102	98	99	
		Demand (c)	105	103	102	98	97	
		Demand (d)	105	103	102	98	97	
Butter (e)	135	Prices	82	84	101	108	113	
		Purchases	113	113	103	94	91	
		Demand (c)	108	109	103	95	93	
		Demand (d)	109	109	103	96	93	
Margarine (e)	138	Prices	109	109	95	102	98	
		Purchases	82	84	99	111	114	
		Demand (c)	87	89	95	113	112	
		Demand (d)	87	89	94	112	113	
Lard and compound cooking fat	139	Prices	120	114	93	98	93	
		Purchases	97	104	99	100	101	
		Demand (c)	100	106	98	100	100	
		Demand (d)	99	105	97	99	101	
Vegetable and salad oils	143	Prices	122	121	93	98	91	
		Purchases	104	92	89	90	123	1
		Demand (c)	118	104	85	89	115	
		Demand (d)	120	106	86	90	113	
All other fats	148	Prices	103	100	99	104	100	
		Purchases	102	92	91	96	102	1
		Demand (c)	104	92	90	99	102	1
		Demand (d)	104	92	90	99	102	1
All fats	135, 138, 139, 143, 148	Prices	96	97	99	103	103	1
		Purchases	100	101	99	99	101	1
		Demand (c)	100	101	99	99	101	1
		Demand (d)	100	101	99	99	101	1
Sugar	150	Prices	84	141	105	94	93	
		Purchases	108	94	102	101	99	
		Demand (c)	99	111	104	98	95	
		Demand (d)	99	111	104	97	96	
Jams, jellies and fruit curds	151	Prices	97	113	100	98	99	
		Purchases	105	109	99	102	95	
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n
Marmalade	152	Prices	96	114	100	98	99	
		Purchases	113	108	96	104	89	
		Demand (c)	109	117	96	103	89	
		Demand (d)	110	118	96	103	89	
Syrup, treacle	153	Prices	88	120	100	94	95	1
		Purchases	110	99	101	111	90	
		Demand (c)	110	100	101	111	90	
		Demand (d)	109	99	101	111	90	
Honey	154	Prices	116	105	97	99	96	
		Purchases	90	92	109	84	111	1
		Demand (c)	102	95	106	83	107	1
		Demand (d)	103	96	107	85	106	1
Potatoes, excluding potato products	156-161	Prices	80	108	196	106	67	
		Purchases	111	106	82	94	105	1
		Demand (c)	107	107	92	95	98	1
		Demand (d)	106	107	91	94	98	1

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Cabbages, fresh .	162	Prices	111	104	105	103	78	103
		Purchases	101	103	105	88	106	99
		Demand (c)	103	103	106	89	101	99
		Demand (d)	103	103	106	89	101	99
Cauliflowers, fresh	164	Prices	99	97	96	105	91	114
		Purchases	146	113	91	89	115	65
		Demand (c)	143	105	82	101	91	89
		Demand (d)	144	106	82	102	91	87
Leafy salads, fresh	167	Prices	110	109	102	94	91	95
		Purchases	98	106	94	91	105	107
		Demand (c)	103	111	95	88	100	104
		Demand (d)	105	113	96	89	99	100
Peas, fresh . . .	168	Prices	114	102	98	85	99	105
		Purchases	196	77	91	101	87	83
		Demand (c)	296	82	85	59	84	98
		Demand (d)	297	82	85	59	84	97
Beans, fresh . . .	169	Prices	101	127	92	98	88	97
		Purchases	142	83	106	87	112	82
		Demand (c)	144	123	93	85	91	79
		Demand (d)	145	124	93	86	90	77
Brassicas . . .	162, 163, 164, 171	Prices	108	101	102	106	82	103
		Purchases	112	99	96	90	112	94
		Demand (c)	118	100	97	93	98	96
		Demand (d)	118	100	97	94	98	95
Carrots, fresh . . .	172	Prices	107	124	107	109	72	90
		Purchases	93	83	101	90	120	118
		Demand (c)	96	92	104	94	103	112
		Demand (d)	96	92	104	94	103	112
Turnips and swedes, fresh . . .	173	Prices	106	100	108	104	82	103
		Purchases	108	108	95	79	116	99
		Demand (c)	112	108	99	81	102	101
		Demand (d)	111	107	99	80	103	104
Other root vege- tables, fresh . . .	174	Prices	104	116	103	98	88	93
		Purchases	98	80	97	103	114	111
		Demand (c)	100	86	98	103	107	107
		Demand (d)	101	87	99	103	107	105
Onions, shallots and leeks, fresh	175	Prices	109	105	124	103	77	88
		Purchases	100	94	90	98	108	111
		Demand (c)	104	96	99	99	96	105
		Demand (d)	104	97	100	100	96	104
Cucumbers, fresh	176	Prices	112	109	101	94	93	93
		Purchases	96	95	92	105	105	108
		Demand (c)	104	101	93	100	100	102
		Demand (d)	106	102	94	102	98	98
Mushrooms, fresh	177	Prices	105	91	95	97	104	108
		Purchases	95	98	94	100	104	109
		Demand (c)	95	97	94	99	105	110
		Demand (d)	97	99	95	102	103	103
Tomatoes, fresh . . .	178	Prices	110	107	99	98	101	87
		Purchases	104	105	94	98	97	103
		Demand (c)	107	107	94	97	98	98
		Demand (d)	108	108	94	98	97	96

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Miscellaneous fresh vegetables	183	Prices	108	90	91	99	103	111
		Purchases	85	103	97	92	114	112
		Demand (c)	91	94	90	91	117	123
		Demand (d)	93	95	91	93	116	116
Tomatoes, canned and bottled	184	Prices	136	117	95	94	88	80
		Purchases	89	87	97	108	106	116
		Demand (c)	105	94	95	105	99	103
		Demand (d)	105	95	95	105	99	102
Canned peas	185	Prices	104	106	101	99	98	93
		Purchases	105	103	106	94	92	100
		Demand (c)	108	109	107	94	90	94
		Demand (d)	106	107	106	92	91	98
Canned beans	188	Prices	120	112	102	94	93	83
		Purchases	92	98	102	102	101	105
		Demand (c)	106	107	104	98	95	92
		Demand (d)	105	106	104	97	96	93
Canned vegetables, other than pulses, potatoes or tomatoes	191	Prices	95	99	104	107	101	94
		Purchases	109	105	107	92	86	105
		Demand (c)	101	103	113	101	87	96
		Demand (d)	101	103	113	101	87	97
Canned vegetables, excluding potatoes and tomatoes (e)	185, 188, 191	Prices	110	107	102	98	95	89
		Purchases	99	101	104	98	95	103
		Demand (c)	106	107	106	96	92	94
		Demand (d)	106	106	106	96	92	96
Dried pulses other than air-dried	192	Prices	123	109	95	99	89	89
		Purchases	99	98	95	90	128	94
		Demand (c)	148	115	87	88	103	74
		Demand (d)	147	115	86	87	104	76
Vegetable juices	196	Prices	79	111	104	98	101	111
		Purchases	127	86	89	107	92	105
		Demand (c)	98	96	93	105	93	118
		Demand (d)	102	99	95	110	90	105
Chips, excluding frozen	197	Prices	76	84	134	121	98	99
		Purchases	122	118	88	72	98	111
		Demand (c)	97	103	112	84	96	111
		Demand (d)	97	102	111	84	97	113
Instant potato	198	Prices	94	107	127	115	85	80
		Purchases	95	89	170	101	83	83
		Demand (c)	89	95	213	116	71	67
		Demand (d)	89	95	213	115	71	68
Canned potato	199	Prices	97	104	116	111	90	85
		Purchases	129	122	144	76	72	80
		Demand (c)	126	127	166	85	65	69
		Demand (d)	127	128	167	86	65	67
Crisps and other potato products, not frozen	200	Prices	86	101	104	111	101	99
		Purchases	102	98	93	88	108	114
		Demand (c)	92	98	95	94	109	113
		Demand (d)	92	99	96	95	109	111
Other vegetable products	202	Prices	100	101	105	103	97	94
		Purchases	93	95	98	89	106	122
		Demand (c)	93	95	100	91	105	118
		Demand (d)	95	97	102	93	103	112

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Frozen peas	203	Prices	107	105	101	103	89	96
		Purchases	85	95	96	108	106	112
		Demand (c)	87	98	97	110	101	109
		Demand (d)	89	99	98	113	99	104
Frozen beans	204	Prices	110	103	104	105	91	89
		Purchases	94	99	90	102	102	115
		Demand (c)	102	102	93	106	94	103
		Demand (d)	105	104	94	109	92	97
Frozen chips and other frozen convenience potato products	205	Prices	90	96	143	114	80	89
		Purchases	79	93	93	93	124	127
		Demand (c)	70	89	144	110	94	110
		Demand (d)	71	91	146	113	92	102
Processed potatoes, including frozen	197, 198, 199, 200, 205	Prices	84	92	121	116	95	96
		Purchases	104	106	97	82	103	110
		Demand (c)	89	99	115	94	99	106
		Demand (d)	90	99	116	95	98	104
All frozen vegetables and frozen vegetable products, not specified elsewhere	208	Prices	112	101	103	103	91	92
		Purchases	64	89	108	105	105	148
		Demand (c)	86	92	117	113	82	117
		Demand (d)	88	94	120	116	80	109
All frozen vegetables	203, 204, 205, 208	Prices	105	102	109	105	88	93
		Purchases	80	95	96	104	107	123
		Demand (c)	84	96	104	108	96	115
		Demand (d)	86	98	105	111	94	108
Frozen vegetables, excluding potatoes (e)	203, 204, 208	Prices	108	103	103	103	90	94
		Purchases	81	94	97	107	104	121
		Demand (c)	87	97	100	110	95	114
		Demand (d)	89	99	101	113	93	107
Oranges, fresh (e)	210	Prices	109	99	99	99	97	97
		Purchases	102	107	100	101	92	98
		Demand (c)	108	107	100	100	90	96
		Demand (d)	110	108	101	101	89	92
Other citrus fruit, fresh	214	Prices	109	104	98	96	96	98
		Purchases	88	91	97	102	116	110
		Demand (c)	100	97	94	96	108	106
		Demand (d)	103	99	96	99	105	98
All citrus fruit	210, 214	Prices	108	100	99	98	97	98
		Purchases	96	102	99	101	100	103
		Demand (c)	102	102	98	100	98	101
		Demand (d)	104	104	99	102	96	96
Apples, fresh (e)	217	Prices	107	109	90	115	104	80
		Purchases	98	95	106	91	97	115
		Demand (c)	102	100	100	98	99	101
		Demand (d)	103	101	101	99	98	97
Pears, fresh (e)	218	Prices	107	107	90	106	104	89
		Purchases	97	95	102	103	83	122
		Demand (c)	107	105	88	112	88	103
		Demand (d)	110	107	89	114	86	98
Stone fruit, fresh	221	Prices	106	131	88	101	93	88
		Purchases	130	49	93	94	119	153
		Demand (c)	149	91	69	96	99	112
		Demand (d)	152	94	70	98	97	107

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Grapes, fresh	222	Prices	103	97	88	114	107	93
		Purchases	105	112	110	68	82	138
		Demand (c)	111	106	86	87	93	122
		Demand (d)	113	108	87	89	91	115
Soft fruit, fresh, other than grapes	227	Prices	95	107	85	107	110	98
		Purchases	161	88	71	91	89	122
		Demand (c)	123	123	32	129	144	112
		Demand (d)	125	125	32	131	142	108
Bananas, fresh	228	Prices	106	103	96	99	100	96
		Purchases	98	98	99	103	103	99
		Demand (c)	103	100	96	102	103	97
		Demand (d)	104	101	97	103	102	94
Rhubarb, fresh	229	Prices	103	103	87	106	97	105
		Purchases	102	128	79	116	118	71
		Demand (c)	106	132	69	122	115	74
		Demand (d)	107	133	70	124	114	72
Other fresh fruit	231	Prices	92	107	94	110	103	96
		Purchases	98	123	91	70	94	139
		Demand (c)	90	132	85	77	96	133
		Demand (d)	93	138	87	80	93	120
Canned peaches, pears and pineapples	233	Prices	103	100	96	103	103	95
		Purchases	110	109	100	94	96	92
		Demand (c)	113	108	97	96	99	88
		Demand (d)	114	109	97	97	99	86
Other canned and bottled fruit	236	Prices	104	101	95	98	104	99
		Purchases	113	116	111	99	89	78
		Demand (c)	113	116	110	99	90	77
		Demand (d)	114	117	111	100	89	76
All canned and bottled fruit	233, 236	Prices	104	100	96	100	104	97
		Purchases	111	112	106	96	93	85
		Demand (c)	113	113	104	96	94	84
		Demand (d)	114	113	104	97	93	82
Dried fruit and dried fruit products	240	Prices	113	94	80	106	105	106
		Purchases	95	102	112	97	100	95
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nuts and nut products	245	Prices	99	99	91	102	108	101
		Purchases	78	85	112	112	103	116
		Demand (c)	78	85	112	112	104	116
		Demand (d)	80	87	114	116	101	108
Fruit juices	248	Prices	115	101	100	94	99	93
		Purchases	72	90	88	95	123	150
		Demand (c)	87	91	88	87	121	135
		Demand (d)	90	94	90	91	118	124
Standard white loaves	251-254	Prices	105	96	92	96	105	106
		Purchases	107	107	102	100	96	89
		Demand (c)	108	106	101	99	97	90
		Demand (d)	108	106	100	99	97	91
Brown bread	255	Prices	109	97	95	96	103	101
		Purchases	73	91	103	102	110	130
		Demand (c)	78	88	99	99	112	131
		Demand (d)	79	89	100	100	111	128

TABLE 4—continued

(average for the whole period=100)

	Food codes (b)		1974	1975	1976	1977	1978	1979
Wholewheat and wholemeal bread	256	Prices	101	93	96	98	106	106
		Purchases	72	95	91	105	97	158
		Demand (c)	75	79	82	99	113	184
		Demand (d)	76	81	83	101	111	174
All wholewheat, wholemeal and brown bread	255, 256	Prices	107	96	95	97	103	102
		Purchases	73	92	101	103	107	135
		Demand (c)	78	89	96	100	110	138
		Demand (d)	78	89	97	101	109	133
All bread	251-256, 263	Prices	105	97	93	96	104	106
		Purchases	101	103	101	100	98	96
		Demand (c)	102	103	100	100	99	97
		Demand (d)	102	102	100	99	99	98
Flour	264	Prices	122	100	86	98	103	95
		Purchases	95	90	104	111	102	99
		Demand (c)	98	90	102	111	102	98
		Demand (d)	97	90	101	110	103	100
Buns, scones and teacakes	267	Prices	109	101	96	97	100	97
		Purchases	88	106	103	98	102	105
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cakes and pastries	270	Prices	101	103	98	97	102	99
		Purchases	118	106	96	95	91	96
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Crispbread	271	Prices	106	100	92	101	100	102
		Purchases	128	102	93	89	101	91
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Biscuits, other than chocolate biscuits	274	Prices	100	107	97	97	101	98
		Purchases	98	102	103	104	97	97
		Demand (c)	98	103	102	103	97	97
		Demand (d)	98	103	102	103	97	97
Chocolate biscuits	277	Prices	96	103	96	99	103	103
		Purchases	109	92	96	90	104	111
		Demand (c)	106	95	93	90	106	113
		Demand (d)	107	95	93	91	105	110
All biscuits	271, 274, 277	Prices	100	104	96	96	102	101
		Purchases	101	100	101	101	98	99
		Demand (c)	101	100	100	100	99	99
		Demand (d)	101	101	100	100	98	99
Meal and oat products (e)	281	Prices	109	106	98	99	99	90
		Purchases	105	100	102	105	99	90
		Demand (c)	114	107	99	104	98	81
		Demand (d)	114	106	99	103	99	82
Breakfast cereals (e)	282	Prices	105	107	98	98	97	96
		Purchases	90	95	100	103	108	106
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canned milk puddings	285	Prices	100	106	101	95	98	101
		Purchases	115	112	110	96	85	86
		Demand (c)	115	118	111	93	83	86
		Demand (d)	113	116	110	91	85	90

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Puddings, other than canned	286	Prices	93	97	97	102	109	102
		Purchases	129	113	101	85	92	86
		Demand (c)	121	109	98	87	101	88
		Demand (d)	121	109	98	87	101	88
Rice	287	Prices	134	103	87	93	95	94
		Purchases	89	88	99	112	101	114
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Infant cereal foods	291	Prices	79	84	99	105	117	124
		Purchases	107	90	104	85	105	111
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Frozen convenience cereal foods	294	Prices	100	100	96	88	105	112
		Purchases	59	82	105	105	131	143
		Demand (c)	59	82	103	101	133	149
		Demand (d)	61	84	105	104	130	138
Cereal convenience foods	299	Prices	95	103	97	100	104	100
		Purchases	101	95	94	100	102	108
		Demand (c)	98	97	92	101	105	108
		Demand (d)	98	96	92	101	105	109
Other cereal foods	301	Prices	116	111	101	97	86	93
		Purchases	82	87	107	98	121	110
		Demand (c)	100	99	109	94	99	100
		Demand (d)	102	100	110	96	98	96
Tea (e)	304	Prices	89	81	80	133	125	104
		Purchases	105	103	104	97	94	99
		Demand (c)	100	94	94	109	103	101
		Demand (d)	99	93	94	108	104	102
Coffee, bean and ground	307	Prices	74	68	84	152	138	112
		Purchases	111	124	108	85	78	101
		Demand (c)	96	102	99	105	92	107
		Demand (d)	100	106	102	111	88	94
Instant coffee (e)	308	Prices	79	71	84	145	135	107
		Purchases	108	107	108	76	96	110
		Demand (c)	93	87	97	96	116	115
		Demand (d)	94	88	98	98	114	111
Cocoa and drinking chocolate (e)	312	Prices	75	85	82	103	146	127
		Purchases	114	99	105	112	85	88
		Demand (c)	92	87	91	114	113	106
		Demand (d)	93	88	91	115	113	104
Branded food drinks	313	Prices	104	99	95	97	107	98
		Purchases	102	93	92	107	89	121
		Demand (c)	106	92	87	104	95	120
		Demand (d)	106	92	87	104	95	120
Baby foods, canned or bottled	315	Prices	87	100	95	102	109	110
		Purchases	188	118	117	74	66	79
		Demand (c)	171	118	112	75	70	84
		Demand (d)	166	115	110	72	72	91
Canned soups	318	Prices	98	107	100	101	99	95
		Purchases	116	101	105	92	90	99
		Demand (c)	115	105	105	92	90	96
		Demand (d)	114	104	105	92	90	97

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

	Food codes (b)		1974	1975	1976	1977	1978	1979
Dehydrated and powdered soups	319	Prices	99	98	101	100	104	98
		Purchases	101	99	100	91	98	112
		Demand (c)	100	98	101	91	103	109
		Demand (d)	100	98	101	91	102	108
Spreads and dressings	323	Prices	90	104	102	101	109	95
		Purchases	103	97	88	99	102	113
		Demand (c)	99	99	88	99	106	111
		Demand (d)	100	100	89	101	104	106
Pickles and sauces	327	Prices	99	104	102	100	100	95
		Purchases	93	100	98	99	103	108
		Demand (c)	91	104	100	99	104	103
		Demand (d)	92	105	100	99	103	101
Meat and yeast extracts	328	Prices	111	109	100	99	95	88
		Purchases	102	91	98	104	98	108
		Demand (c)	113	99	98	103	93	94
		Demand (d)	113	99	98	103	93	94
Table jelly, squares and crystals	329	Prices	103	120	109	96	90	85
		Purchases	116	102	108	95	96	86
		Demand (c)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
		Demand (d)	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ice-cream (served as part of a meal), mousse	332	Prices	112	109	100	96	90	95
		Purchases	72	82	98	109	128	123
		Demand (c)	83	91	98	104	113	115
		Demand (d)	85	93	100	107	111	107

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

(b) For further details of the items included in each category see Appendix A, Table 7. 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 6

Annual indices of average deflated prices, purchases and demand taking into account the effect of cross-price elasticities for related commodities 1972-1979

(Average for the whole period = 100)

		1972	1973	1974	1975	1976	1977	1978	1979
Beef and veal	Prices (a)	101	119	106	93	97	93	98	97
	Purchases (b)	90	83	97	110	100	106	108	109
	Demand (c)	93	105	104	100	95	96	104	104
	Demand (d)	95	106	104	100	95	96	102	101
Mutton and lamb	Prices (a)	93	111	108	94	97	97	104	98
	Purchases (b)	116	104	96	101	99	93	92	101
	Demand (c)	106	106	103	96	97	94	98	101
	Demand (d)	109	107	103	96	97	94	97	98
Pork	Prices (a)	97	113	103	103	101	91	99	93
	Purchases (b)	100	96	102	88	89	105	108	116
	Demand (c)	96	112	105	95	92	92	107	103
	Demand (d)	98	113	105	95	92	93	105	100
Broiler chicken	Prices (a)	90	106	103	100	98	100	102	102
	Purchases (b)	93	99	93	95	103	103	106	111
	Demand (c)	82	102	94	97	102	104	108	116
	Demand (d)	83	103	94	97	102	104	107	114
Beef and veal	Prices (a)	101	119	106	93	97	93	98	97
	Purchases (b)	90	83	97	110	100	106	108	109
	Demand (c)	93	105	104	100	95	95	103	104
	Demand (d)	95	106	104	100	95	96	102	101
Mutton and lamb	Prices (a)	93	111	118	94	97	97	104	98
	Purchases (b)	116	104	96	101	99	93	92	101
	Demand (c)	110	105	100	94	95	95	100	102
	Demand (d)	112	106	101	94	95	95	99	100
Pork	Prices (a)	97	113	103	103	101	91	99	93
	Purchases (b)	100	96	102	88	89	105	108	116
	Demand (c)	98	111	104	94	91	93	108	104
	Demand (d)	101	112	104	94	91	93	106	100
Broiler chicken	Prices (a)	90	106	103	100	98	100	102	102
	Purchases (b)	93	99	93	95	103	103	106	111
	Demand (c)	75	107	102	102	108	100	103	108
	Demand (d)	76	107	102	102	108	100	102	106
Bacon and ham, uncooked	Prices (a)	88	109	110	106	106	95	95	93
	Purchases (b)	109	104	97	94	94	101	101	101
	Demand (c)	99	108	102	97	97	100	99	100
	Demand (d)	100	109	102	97	97	100	98	98
Butter	Prices (a)	118	90	81	83	100	106	112	118
	Purchases (b)	95	105	113	113	103	94	91	89
	Demand (c)	100	103	104	105	104	95	94	96
	Demand (d)	101	104	104	105	104	95	93	94
Margarine	Prices (a)	98	94	110	110	96	104	99	91
	Purchases (b)	113	98	81	83	97	109	112	114
	Demand (c)	101	100	97	97	95	108	105	98
	Demand (d)	100	100	96	97	94	108	106	100

TABLE 6—continued

(Average for the whole period = 100)

		1972	1973	1974	1975	1976	1977	1978	1979
Brassicas and root vegetables	Prices (a)	97	100	109	107	104	107	81	99
	Purchases (b)	105	106	103	93	95	89	111	99
	Demand (c)	98	104	105	95	97	93	105	105
	Demand (d)	98	104	105	95	97	93	105	105
Canned vegetables	Prices (a)	102	96	110	108	103	98	96	89
	Purchases (b)	100	102	99	101	104	98	95	103
	Demand (c)	102	99	106	106	105	95	96	92
	Demand (d)	100	98	106	106	105	94	97	94
Frozen vegetables	Prices (a)	111	107	105	101	100	100	88	91
	Purchases (b)	73	87	87	102	105	115	113	131
	Demand (c)	89	97	88	98	102	110	106	114
	Demand (d)	95	99	89	98	102	111	102	105
Oranges	Prices (a)	103	103	108	98	98	98	96	96
	Purchases (b)	103	106	101	106	99	99	91	96
	Demand (c)	104	102	106	103	102	95	88	101
	Demand (d)	109	104	107	103	102	96	86	96
Apples	Prices (a)	108	119	102	105	87	110	99	77
	Purchases (b)	95	93	101	97	109	93	99	117
	Demand (c)	98	102	101	100	100	98	99	101
	Demand (d)	102	103	102	100	100	99	97	97
Pears	Prices (a)	104	116	104	104	87	102	101	86
	Purchases (b)	100	88	100	97	105	105	85	125
	Demand (c)	104	108	104	102	86	107	87	104
	Demand (d)	110	109	105	103	87	109	84	98
Oatmeal and oat products	Prices (a)	97	93	111	108	100	100	101	92
	Purchases (b)	127	93	102	97	99	102	97	88
	Demand (c)	124	90	107	99	100	104	99	83
	Demand (d)	122	90	107	99	100	103	100	85
Breakfast cereals	Prices (a)	100	95	106	108	99	99	98	97
	Purchases (b)	91	95	92	97	103	105	111	108
	Demand (c)	91	95	91	97	103	105	111	109
	Demand (d)	92	95	91	97	103	105	110	107
Tea	Prices (a)	100	95	90	82	81	134	127	105
	Purchases (b)	104	101	104	102	103	96	93	98
	Demand (c)	107	100	102	97	94	103	99	99
	Demand (d)	106	100	102	97	94	103	99	100
Instant coffee	Prices (a)	87	88	83	75	88	151	141	112
	Purchases (b)	98	100	108	108	108	76	96	110
	Demand (c)	86	91	94	88	103	102	122	120
	Demand (d)	89	92	95	88	103	102	120	116

TABLE 6—continued

(Average for the whole period=100)

		1972	1973	1974	1975	1976	1977	1978	1979
Milk	Prices (a)	110	104	80	85	98	106	111	111
	Purchases (b)	99	102	103	103	103	98	97	9
	Demand (c)	101	103	99	100	103	99	99	9
	Demand (d)	101	103	99	100	103	99	99	9
Tea	Prices (a)	100	95	90	82	81	134	127	10
	Purchases (b)	104	101	104	102	103	96	93	9
	Demand (c)	108	102	104	98	94	103	96	9
	Demand (d)	107	101	104	98	94	102	96	9
Instant coffee	Prices (a)	87	88	83	75	88	151	141	11
	Purchases (b)	98	100	108	108	108	76	96	11
	Demand (c)	86	90	92	87	103	102	124	12
	Demand (d)	89	91	92	87	103	103	122	11
Cocoa and drinking chocolate	Prices (a)	83	76	81	91	89	111	158	13
	Purchases (b)	115	105	111	96	102	109	83	8
	Demand (c)	90	76	79	86	102	113	140	13
	Demand (d)	91	76	80	86	102	113	139	13

(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 person disposable income.

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

TABLE 7
 Estimates of price and cross-price elasticities of demand (a) for broad food groups, 1972-1979

	Elasticity with respect to the price of:													Standard error of own-price elasticities	Proportion of variation explained by demand parameters (b)						
	Milk and cream	Cheese	Carcass meat	Other meat	Fish	Eggs	Fats	Sugar and pre-serves	Potatoes	Other fresh vegetables	Other veg- etables	Fresh fruit	Other fruit		Bread	Other cereals	Beverages	I	II	III	IV
Milk and cream	-.09	.05	.07	.04	-.05	-.00	-.05	-.00	-.01	-.07	-.07	-.09	-.08*	-.11	-.00	-.05	.62	.11	.25	.72	
Cheese	-.17	-.25	.08	.14	-.01	-.01	-.32*	-.00	-.02	-.01	-.01	-.15	-.11	-.08	-.06	-.05	.29	-.01	.30	.55	
Carcass meat	-.05	.02	-1.23*	.58*	.15*	-.03	-.04	-.03	-.02	-.08	-.06	-.01	-.05	-.28	-.05	-.07	.55	.28	.44	.71	
Other meat	-.02	-.02	.51*	-1.20*	-.01	-.02	-.03	-.02	-.03	.01	-.01	-.01	-.02	-.02	-.05	-.07	.55	.23	.43	.73	
Fish	-.14	.01	.51*	.03	1.13*	-.01	-.17	-.08	-.01	-.03	-.12	.17	-.10	-.09	-.33	-.15	.51	.07	.16	.58	
Eggs	-.01	-.01	.12	.12	-.01	.13*	-.06	-.08	-.01	-.05	.00	.04	-.08	-.09	-.10	-.02	.57	.03	.18	.65	
Fats	-.11	-.19*	-.13	-.09	.14	-.04	-.09	-.07	-.02	-.07	-.04	.11	-.01	-.04	-.10	-.03	.60	.01	.09	.64	
Sugar and preserves	-.01	-.00	-.18	-.14	-.13	-.10	-.12	-.45*	-.03	-.12	-.04	.17	-.11	-.17	-.14	-.05	.70	.29	.39	.82	
Potatoes	-.04	-.02	-.09	-.16	-.02	-.01	-.02	-.02	-.18*	-.02	-.09*	-.01	-.00	-.01	-.08	-.04	.77	.27	.27	.84	
Other fresh vegetables	.15	-.00	.06	.05	-.03	-.03	-.07	-.07	-.02	-.49*	.31*	.24*	-.06	-.17	.22*	-.06	.54	.44	.56	.78	
Other vegetables	-.18	-.08	.19	-.05	-.12	-.00	-.03	-.06	-.06	-.34*	-.76*	-.06	-.04	-.02	-.02	-.19	.58	.05	.48	.79	
Fresh fruit	-.24	.12	-.05	-.03	-.19	-.03	-.14	-.03	-.01	.29*	-.07	-.48*	-.11	-.01	-.09	-.17	.61	.12	.01	.62	
Other fruit	-.38*	.15	-.02	-.42	-.19	-.12	-.03	-.13	-.00	-.12	-.09	-.18	-.66*	-.11	-.17	-.16	.77	.07	.28	.84	
Bread	-.20	-.04	.37*	-.06	-.06	-.05	-.04	-.07	-.01	-.13	-.02	-.01	-.04	-.48*	.27	-.04	.47	.01	.20	.58	
Other cereals	-.00	-.15*	-.24*	.10	.16*	-.04	-.05	-.04	-.03	-.12*	-.01	-.04	-.18	-.07	-.75*	-.01	.54	.19	.39	.72	
Beverages	-.13	-.04	.30	-.31	.17	-.02	-.04	-.03	-.03	-.08	-.03	.17	-.09	-.07	-.03	-.47*	.53	.33	.35	.69	
Average deflated price (c)	3.24	18.41	23.44	17.65	22.59	1.21	10.54	4.16	1.68	5.09	7.05	5.43	8.50	4.27	8.65	28.77					
Average purchases (d)	4.80	3.73	14.87	22.61	4.43	3.94	10.96	14.90	39.24	21.23	14.53	16.31	6.03	32.95	24.29	3.05					

(a) Estimates followed by an asterisk are significantly different from zero at the conventional 95 per cent level.
 (b) Column I shows the proportion of the total variation in average purchases which can be explained by seasonal and annual shifts in demand and by changes in income in a single-equation model similar to that used in Tables 3 and 4.
 Column II shows the proportion of the residual variation in average purchases (after removal of seasonal and annual shifts and income effects) which can be explained by the own-price variation in a single-equation model similar to that used in Tables 3 and 4.
 Column III shows the proportion of residual variation in average purchases (after removal of seasonal and annual shifts and income effects) which can be explained by variation in all prices in the multivariate model. For technical reasons, some of the proportions given in this column may be slightly smaller than those given in column II for the single-equation model.
 Column IV shows the proportion of the total variation in average purchases which can be explained by seasonal and annual shifts in demand, by changes in income and by variation in all prices in the multivariate model.
 (c) Pence per lb (except for pints of milk and cream, and pence per egg) all deflated to the January 1962 general price level.
 (d) Ounces (except for pints of milk and cream and number of eggs) per person per week.

TABLE 8

Annual indices of average deflated prices, purchases and demand (a) for broad food groups, 1972-1979

(Average for the whole period=100)

		1972	1973	1974	1975	1976	1977	1978	1979
Milk and cream .	Prices	109	103	83	86	98	105	110	111
	Purchases	100	102	102	103	102	97	97	96
	Demand	100	100	99	100	104	99	100	98
Cheese	Prices	108	102	98	92	92	99	103	107
	Purchases	94	100	99	102	101	102	100	103
	Demand	96	104	98	98	102	104	98	101
Carcase meat	Prices	97	114	106	96	98	94	100	97
	Purchases	99	91	97	103	97	102	104	108
	Demand	100	104	100	101	98	96	101	101
Other meat	Prices	95	108	110	101	99	96	97	96
	Purchases	100	100	94	104	99	102	103	106
	Demand	96	102	101	98	100	102	100	101
Fish	Prices	92	101	107	98	95	101	106	102
	Purchases	112	104	96	100	101	92	95	100
	Demand	103	100	100	100	100	93	99	105
Eggs	Prices	89	121	123	101	98	96	88	90
	Purchases	107	103	100	101	100	97	97	96
	Demand	106	102	101	105	100	96	95	96
Fats	Prices	107	92	97	97	99	104	103	103
	Purchases	100	102	100	101	99	99	100	99
	Demand	95	102	102	105	104	98	98	97
Sugar and preserves	Prices	85	83	93	141	109	100	100	99
	Purchases	118	110	104	92	97	96	94	92
	Demand	109	104	102	105	100	98	93	90
Potatoes	Prices	77	82	86	117	212	115	72	90
	Purchases	107	108	108	103	80	109	102	103
	Demand	101	106	106	108	91	91	96	102
Other fresh vegetables	Prices	99	105	107	107	101	101	87	95
	Purchases	103	104	102	95	95	93	107	102
	Demand	100	105	104	99	97	94	100	102
Other vegetables	Prices	97	96	104	104	107	103	96	94
	Purchases	93	98	97	101	102	99	101	110
	Demand	96	92	94	101	104	102	105	108
Fresh fruit	Prices	105	110	105	102	91	101	99	89
	Purchases	96	98	98	97	103	98	100	110
	Demand	98	105	105	109	106	94	92	93
Other fruit	Prices	92	96	107	100	95	104	106	101
	Purchases	105	112	95	101	100	94	97	97
	Demand	100	109	105	103	102	94	96	92
Bread	Prices	99	98	105	97	94	97	105	107
	Purchases	104	102	100	102	100	99	97	95
	Demand	104	97	97	101	99	103	100	101

TABLE 8—*continued*

(Average for the whole period = 100)

		1972	1973	1974	1975	1976	1977	1978	1979
Other cereals	Prices	99	97	106	106	96	96	101	101
	Purchases	100	101	99	97	101	102	100	100
	Demand	99	101	102	101	102	98	99	99
Beverages	Prices	93	91	87	81	86	131	134	112
	Purchases	105	100	105	102	103	94	92	100
	Demand	104	94	95	92	96	106	105	109

(a) After removal of effects of price changes and income changes.

APPENDIX C

Estimates of national supplies of food moving into consumption

The National Food Survey estimates of average consumption per head presented in this Report relate only to food consumed in private households in Great Britain. For some purposes, however, it is useful to have estimates of the total quantities of food obtained for consumption in the whole of the United Kingdom, including food used in the manufacture of soft drinks and sweets, food consumed in catering establishments or in institutions such as hospitals, boarding schools and prisons, food consumed by HM Forces and food which, though purchased by individuals living in private households, is not taken home to form part of the household supply. In practice it is necessary to obtain such overall estimates not by measuring the quantities consumed by each of the various categories of final user but by making measurements at an earlier stage in the distributive chain.¹ Estimates (expressed as averages per head per year) of national supplies of the principal foods moving into consumption in the United Kingdom for the year 1979 are given on the next page.

¹The relationship between National Food Survey results and estimates of national supplies of food moving into consumption was discussed in the Annual Report for 1967, *Household Food Consumption and Expenditure: 1967*, Appendix F, HMSO, 1969.

APPENDIX C

National supplies of principal foods moving into consumption in the United Kingdom, 1979

	1979
	lb per head per year
Dairy products, excluding butter (as milk solids)	55.0
Cheese (also included in dairy products)	13.6
Meat (edible weight)	109.6
Poultry, game and rabbits (edible weight)	20.7
Fish (edible weight)	15.0
Eggs	31.6
Butter	15.0
Margarine (a)	14.3
Lard and compound cooking fat	12.8
Other edible oils and fats	14.5
Total fats (fat content)	50.6
Sugar and syrups (b)	100.5
Potatoes (raw equivalent)	232.8
Other vegetables (fresh equivalent)	145.2
Fruit (fresh equivalent)	130.2
Pulses, nuts etc	13.9
Grain products	156.9
Tea	6.8
Coffee	5.5
Chocolate confectionery (c)	15.2
Sugar confectionery (c)	11.9
	per head per day
<i>Nutritional value</i>	
Energy kcal	2,950
Protein: animal g	52.4
vegetable g	32.7
total g	85.1
Fat: animal g	104
vegetable g	30
total g	134
Carbohydrate: animal g	23
vegetable g	352
total g	375
Calcium mg	1,105
Iron mg	13.3
Thiamin (d) mg	1.73
Riboflavin mg	1.94
Nicotinic acid (e) mg	20.5
Nicotinic acid equivalent (f) mg	35.5
Vitamin C (d) mg	100
Vitamin A: retinol equivalent (g) µg	1,370
Vitamin D µg	2.92
Energy: alcoholic drink (h) kcal	176

N.B. More detailed estimates for the years 1976-1979 were published in *British Business*, vol 3, no 11 pages 465-500.

(a) Includes some quantities of fat also shown under other headings.

(b) Refined sugar, including the sugar content of imported manufactured foods and of honey and glucose but excluding that used in the manufacture of alcoholic drinks.

(c) Ingredients of chocolate and sugar confectionery are also included elsewhere.

(d) As these estimates relate to the nutrient equivalent of foods moving into consumption, no allowance is made for possible cooking losses.

(e) Total nicotinic acid.

(f) Available nicotinic acid plus the contribution from tryptophan.

(g) Retinol activity and carotene are added together to obtain the total vitamin A or retinol equivalent.

(h) Not included in total energy shown above.

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 bought to serve with a meal, and all frozen foods which fulfil the requirements of the previous sentence.

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 things being equal. Thus, a change in demand signifies a shift in the entire demand schedule or

¹Exceptionally, 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.

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) increase 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 $\frac{P}{Q} \cdot \frac{\delta Q}{\delta P}$, the cross-price elasticities by $\frac{P_i}{Q} \cdot \frac{\delta Q}{\delta P_i}$, and the income elasticity of quantity by $\frac{Y}{Q} \cdot \frac{\delta Q}{\delta Y}$. 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, Table 7, which lists the 154 categories into which the Survey normally classifies 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 that week or later, plus any garden or allotment produce etc (q.v.) which households actually consume 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 29) 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 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. All households whose heads are adult male full-time agricultural workers earning less than the lower limit for income group C were nevertheless placed in that group so as to keep the occupational composition of income groups C and D as closely as possible the same over time.

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), vitamins C and D.

Separate figures for animal and total protein are included; as a generalization foods of animal origin are of greater 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 gardens 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 counties of England and the 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 districts. 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 had 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

n.a. = 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.