

SN: 2136

FAMILY EXPENDITURE SURVEY 1984

USER GUIDE

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NOTE

COMMUNICATION FROM THE DEPARTMENT OF EMPLOYMENT
MAY 2, 1986

"Diary Codes

Expenditure shown in diary records covers cash and cheque payments only. Each diary code may occur for any spender in the household. The code may also occur in both weeks of record keeping and more than once within one person's weekly diary record.

Diary expenditure is aggregated into a personal product code which in turn becomes part of the household product code eg the value of code 122P for each spender forms part of code 373P.

When we take on budgets onto the computer the procedure adopted to work out the weekly figure is as follows:

- (a) All diary record books are punched separately for each week.
- (b) The computer divides the value of each item for each week by two and then sums the total for each individual item thus reducing all values to weekly equivalents.

I can also confirm that this is the standard procedure and that the data for all previous years including the year 1977 was recorded on the same basis."

C O N T E N T S

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I. FAMILY EXPENDITURE SURVEY 1984

Common problems encountered in the use of data from the survey

The following are comments on some problems frequently met in analysing FES data; some of them are referred to elsewhere in the Information Pack. Criticisms of existing procedures and suggestions for improvement will be considered and may be made in writing to DE or OPCS at the addresses in the contents and Introductory Note.

- (i) Despite its name, the Family Expenditure Survey collects data from households, not families, and members of a household need not be related. The term "family unit" as used in the survey does not refer to the nuclear family, but rather to a unit approximating to the Income Tax Unit as defined by Inland Revenue. (See FES Report, Annex A, definition 1.)
- (ii) The FES does not record intra-household transactions. If the household contains a lodger, there will be no entry of income or expenditure to cover his or her payments for board and lodging. If expenditure is incurred on the lodger's behalf by another member of the household (for instance where the head of household pays the electricity bill for all members) there is no way of identifying this expenditure and allocating it wholly or in part to the lodger. Similarly there is no way of telling if expenditure by one household member has been incurred on behalf of another who has then made a compensatory payment (for instance if a housewife buys clothes on behalf of an elderly parent or teenager). For these reasons, it is not possible to make a meaningful analysis of expenditure or income at a level below that of the household, for instance at a 'family-unit' level; such an analysis could sensibly cover only certain limited types of income such as wages and salaries.
- (iii) In the FES, figures of both expenditure and income are built up from data covering different time periods. For this reason, little is achieved by attempting to compare FES income and expenditure for groups of households. A further point is that, although all household expenditure is in theory included in the survey, some types of income are explicitly excluded. (See FES Report, Annex A, definition 15.) A particular consequence is that savings ratios cannot be obtained by comparing FES income and expenditure figures.
- (iv) FES data are collected throughout the calendar year, to spread the interviewing load evenly. A household interviewed at the beginning of the year will in general be spending less than one interviewed at the end of the year because of intervening price rises. The aggregate figures published may therefore be considered as relating to about the middle of the year.

- (v) For a variety of reasons such as refusal to give income, refusal to keep records, refusal of at least one adult member of a household, the response rate achieved by the survey is about 70 per cent. The achieved sample is therefore subject to a number of biases. These are described in the FES Report, Introduction, para 16 and in more detail in articles by W F F Kemsley in Statistical News (November 1975) and by R U Redpath in Statistical News (February 1986).
- (vi) Some FES data are subject to under-recording and non-response bias (see FES report, Introduction, paras 19 and 21 and Chapter 14, FES Handbook by W F F Kemsley, R U Redpath and M Holmes).
- (vii) The FES sample is relatively small in total (about 7,000 households co-operate every year), and for particular groups of households it can be very small. There are obvious dangers in drawing firm conclusions from the results for small groups of households because of the sampling error involved.
- (viii) Economic activity rates may be calculated from the FES. However these are likely to be different from those calculated from other surveys such as the General Household Survey. The FES asks "Are you working at present?" whereas most other surveys have a fixed reference period such as a week. The main purpose of the FES activity question is to pick up all possible sources of income and it is closely linked to the income questions. Indeed, after the main question about earnings on the Income Schedule a further enquiry, Question 84, asks "During the last 12 months, have you received any money for odd jobs or any occasional fees for work or professional advice which we have not yet covered?". If the answer is "Yes", the answer to the economic activity question may be amended. The consequence of these special factors is that the FES tends to show higher economic activity rates than other surveys.
- (ix) The fullest source of information about FES sampling, fieldwork and coding procedures is the technical handbook "Family Expenditure Survey Handbook - Sampling fieldwork, coding procedures and related methodological experiments" by W F F Kemsley, R U Redpath and M Holmes, HMSO, 1980. Enquiries about correct procedures should be directed to OPCS at the address or telephone numbers mentioned in the Contents and Introductory Note.
- (x) Although a continuous survey, the FES is not static in content. To some extent this is reflected in the changes made in codes from the previous year (see Contents and Introductory Note, item 8).

FAMILY EXPENDITURE SURVEY

II NOTE ON INTERPRETING INFORMATION ON THE BASE DATA TAPE, 1984

- 1 Much of the information on the FES annual base tape is secondary data derived from the answers to basic questions. Individual items are obtained in various ways and this note is intended as a guide to the sources and methods used in compiling the coded items as they are eventually recorded on the base tape.
- 2 Information is first collected from co-operating households by OPCS interviewers. For many of the questions on the household and income schedules, answers are entered directly in the appropriate coding boxes by the interviewers. Other coded entries are made subsequently by OPCS coding and editing staff from the information obtained by the interviewers. Coding boxes which are completed directly by interviewers are indicated on the questionnaires by a dotted line in the £ column; those for completion at the coding and editing stage contain a solid line. The diary record-books, giving details of payments during the 14 days record-keeping period, are completed by each spender, the information recorded being subsequently coded, and where necessary edited, by OPCS staff. OPCS Instructions to Interviewers contain a number of definitions (household, members, spenders, rooms etc) together with detailed instructions on the completion of particular questions.
- 3 The next stage in the processing of FES data is coding and editing. Here, after any adjustments which may be required to eliminate duplication, business expenditure etc, the information collected by interviewers is entered in the appropriate coding boxes on the questionnaires and code numbers added to the entries in the diary record-books.
- 4 After coding and editing are completed, the data are transferred to computer files and a number of derived variables, known as product codes, are calculated and added to the tape. A list of the product codes, with a description of the method of calculation, is given in appendix 5 of the paper describing the annual base tape.
- 5 The final operation in the creation of the FES base tape is the calculation of a further series of computer derived codes. These codes are identified by an asterisk in the lists of codes in appendices 3 and 4 of the paper describing the base tape. For many of these derived codes the values assigned are in themselves code numbers, and, to interpret these, users are referred to the Coding Frames given in appendix 7 of the base tape paper. Neither the product codes nor the other derived codes appear in the interview schedules; they are calculated during computer processing and are written directly on to the base tape.

- 6 Users of the FES base tape may be faced with two types of problem in interpreting the data. First, to ascertain how the answer to a particular question on the interview schedules is processed, coded, and eventually entered on the base tape. Secondly, to ascertain how a particular coded item for the base tape is built up from the answers to questions. For the first problem, users will need to identify the particular question or questions from the household or income schedule and then to trace the action which has been taken on it, through the Interviewers Instructions, Coding Notes, and the Lists of Product Codes and Information Codes. In the second problem, the way in which a particular code is built up may be ascertained by identifying the code from the lists contained in the paper describing the base tape, and tracing it, and its components, through the Coding Notes and Interviewers Instructions.
- 7 An example of the tracing action which may be required to resolve each of the two types of problem mentioned in paragraph 6 is given below.

EXAMPLE A. QUESTION 68 ON THE INCOME SCHEDULE (PUBLIC SECTOR PENSIONS)
Reference to the questionnaire shows that the interviewer is required to enter the person number of the recipient of the pension; whether it is by virtue of the former employment of the informant or of the spouse; the amount and the period covered by the last payment; whether tax was deducted at source and, if so, the amount of and whether the last payment was gross or net of tax. The Coding Notes for question B68 show that, at the coding stage, the last payment, after deduction of any tax, is entered at code 342 with the appropriate period code; the amount of tax, if any, at code 343 with the period code; and numeral 3 or 4 at code A 236 to indicate the source of the pension. Those pensions identified at the coding stage as being in the public sector are transferred to question 68 before the amounts are entered in the appropriate coding boxes. Reference to the document describing the base tape shows that the amounts recorded at these codes, reduced to weekly values, are recorded on the base tape in the personal income record of the recipient of the pension. Examination of the list of product codes also shows that the basic codes are used as components of a number of product codes which are recorded on the base tape in the household or personal product code records, as appropriate. The product codes incorporating public sector pension data number more than seventy and include, on a personal basis, codes 040P, 041P, 049P, 051P, 053P, 079P, 087P and 107P, with household aggregates at codes 328P, 329P, 330P and 331P.

EXAMPLE B. CODE A 070. LOCAL AUTHORITY DWELLING
The description of this code on page 13 of the base tape document shows that this is a computer-derived item which is formed for each household which is recorded at code A120, value 1: type of tenure - Council or New Town Corporation, rented unfurnished.

Reference to code A120 on page 15 shows that this coding is obtained from question 16 of the household schedule (A). The Coding Notes relating to question 16 give definitions of various types of tenure, together with instructions on special groups such as where a house is being purchased, from a local authority. Similar definitions are given on page 34 of the Interviewers' Instructions.

III CHANGES IN INFORMATION CODES 1984

Code No	Code Description	Combined with Code No
1983 codes deleted for 1984		
A013	Temporary code - employment position, 1981 definition.	
A061	Ranges of CSO Net Household Income.	
A062	Ranges of CSO Original Household Income.	
A063	Ranges of CSO Housing Costs.	
A064	Type of tenure (CSO).	
A068	Ranges of total expenditure (CSO).	
A072 A073 A074	) Temporary codes - number of working males, females,) persons (respectively) in household, 1981 definition.)	
A086	Number of persons at other further or higher education run on a commercial basis.	
A091	Social Grade of Head of Household.	
A121	Option mortgage on dwelling.	
A126	Ranges of original income including cash benefits.	
A170	DK if rates paid in full by Local Authority.	
A180	Number of persons aged 5 to 13 years.	
A181	Number of males aged 18 to 24 years.	
A182	Number of females aged 18 to 24 years.	
A183	Number of persons aged 5 to 16 years.	
A184	Number of males aged 16 to 24 years.	
A185	Number of males aged 65 to 74 years.	
A186	Number of males aged 75 or over.	
A187	Number of females aged 16 to 64.	
A188	Number of females aged 65 to 74.	
A189	Number of females aged 75 or over.	
A242	Occupation (see Coding Frame 3).	

Code No	Code Description	Combined with Code No
A243	Industry (see Coding Frame 4)	
A253	Education Grants - child under 16 - source, level and establishment.	A252
A280	Housing Benefit Supplement - no of weeks received.	
A281	Housing Benefit Supplement - receiving at present.	
A282	Job Release Allowance - no of weeks received.	
A283	Job Release Allowance - receiving at present.	
New codes introduced in 1984		
A155	DK if housing rebate/allowance includes Housing Benefit Supplement.	
A156	Amount of Housing Benefit Supplement not known.	
A218	Type of investment (see Coding Frame 9).	
A234	Last net wage/salary includes Statutory Sick Pay.	
A246	Type of Government Training Scheme - TOPS/YOPS/YTS/Other.	
Codes with a change of description or content between 1983 and 1984		
A007	Education (status/establishment): values 6 and 7 (1983) combined to form value 6 (1984). values 8, 9, 10 (1983) become values 7, 8, 9 (1984). Value 11 (1983 is deleted for 1984.	
A008	Income unit - ref number of unit: in 1983: values 1 to 6, income units; value 7, foster children. In 1984: values 1 to 14, income units; value 15, foster children.	
A252	Education Grants - Spender - source of grants, level and establishment (1983). Education Grants - Spender or child under 16 - source of grant, level and establishment (1984)	

Changes in Schedule Codes 1984

Code No	Code Description	Combined with Code No
1983 codes deleted for 1984		
272	Subs to Friendly Societies	
331	Housing Benefit Supplement - last payment	
332	Job Release Allowance - last payment	
348	Current payment from trust/covenant - last net payment	346
349	Current payment from trust/covenant - amount of tax deducted	347
389	Statutory Sick Pay - last net payment (see Appendix 4, page 30 of 1984 Base Tape Document)	
395	Income from scholarships - person aged 16 or over	392
401	Child under 16 - difference between annual value of education grant and amount received in cash.	361
415	Interest on Unit Trusts	378
423	Subscriptions to Friendly Societies	
New codes introduced in 1984		
190	Amount of Housing Benefit Supplement	
208	Mortgage Protection Premiums	
380	Net usual pay before becoming sick or unoccupied	
Codes with a change of description or content between 1983 and 1984		
206	Other (not life) insurances (1983) Other (not life) insurances including friendly society premium (1984)	
346	Current annuity - last net payment (1983) Current annuity, trust/covenant - last net payment (1984)	
347	Current annuity - amount of tax deducted (1983) Current annuity, trust/covenant - amount of tax deducted (1984)	

Code No	Code Description	Combined with Code No
361	Spender - difference between annual value of education grant and amount received in cash (1983) Spender or child under 16 - difference between annual value of education grant and amount received in cash (1984)	
378	Interest on stocks, shares, bonds, debentures, LA securities etc (1983) Interest on stocks, shares, bonds, debentures, unit trust LA securities etc (1984)	
392	Income from scholarships - person aged 16 or over (1983) Income from scholarships - spender or child under 16 (1984).	

Changes in Product Codes 1984

Code No	Code Description
1983 codes deleted for 1984	
011P	Current Housing Benefit Supplement
020P	Current Job Release Allowance
039P	Tax on interest from Unit Trusts
074P	Person working (old definition)
076P	Current Job Release Allowance is taxable
144P	"Usual" employers NI contribution
145P	Actual hourly earnings (main employment)
181P	Tax Unit income for Tax Unit 1
423P	Imputed income from rent-free dwellings
	Option mortgages - interest/principal arrangements
519P	Last instalment
520P	Interest paid
521P	Last instalment where interest is known
522P	Option mortgages - interest only arrangements: interest paid.
New codes introduced for 1984	
192P	DE check code
220P	Housing Benefit/Rent Rebate on Allowance/Rate Rebate

Code No

Code Description

Codes with a change of description or content
between 1983 and 1984

001P-008P) For 1984 an unnecessary condition (If code A201 has a value
012P 014P) between 1 and 4) has been removed.
015P)

029P NI contributions paid by non-employees:-
Sum of codes 336 and 386 (1983)
Sum of codes 336 and 386, minus sum of codes 306 and 311 (1984)

092P Occupation of head:-
Code A242 (1983)
Code A210 (1984)

118P Food:- Sum of codes 1010 to 1990, 8400 to 8540 (1983)
Sum of codes 1010 to 1990, 8400 to 8570 (1984)
(see footnote to "Changes in Diary codes 1984")

122P Durable household goods:-
Sum of codes 4010 to 4360, 6010, 6030, 7840, 7860 (1983)
Sum of codes 4010 to 4200, 4220 to 4360, 6010, 6030, 6040, 7840
7860 (1984)

125P Services:-
Sum of codes 334, 422, 424 to 428, 2270 to 2290, 7510 to 7710,
7730, 7750, 7810, 7820, 7880 to 7930, 7960 to 7990,
8020 (1983)
Sum of codes 334, 2270 to 2290, 4210, 7510 to 7710, 7730, 7750,
7810, 7820, 7880 to 7930, 7960 to 7990, 8020, plus
if code A250 is coded, sum of codes 422, 424 to 428
(1984)

169P DE check code (1983)
Current earnings from work as mail order agent and/or
babysitter (1984)

180P Current earnings from work as mail order agent and/or
babysitter (1983)
Deductions from pay if current: participant sports and
specialised pastimes (1984)

182P-187P Tax Unit income for Tax Units 2 to 7 (1983))
Deductions from pay, if current:-)
2) Subscriptions to TUs, Professional Associations etc))
3) Other subscriptions))
4) Charitable gifts) (198)
5) Miscellaneous expenditure on services))
6) Cash gifts not allocated elsewhere))
7) All other codes not specified above))

Code No	Code Description
195P - 197P	Income not assessable to tax:- the 1984 Base Tape Document definitions of these codes wrongly include code 012P. However, these codes are correctly formed on the Base Tape itself.
205-210P*	The condition "and code 204P is not coded" in the 1983 definitions of these codes is deleted for 1984.
227P-230P*	Housing Benefits for Certificated Claimants - Tenure Types 1 to 4 (1983) Housing Benefit/Rent Rebate or Allowance/Rate Rebate - Tenure Types 1 to 4 (1984)
231P-232P*	Rent Rebates/Allowances for Standard Claimants - Tenure Types 1 and 2 (1983) Housing Benefit/Rent Rebate or Allowance/Rate Rebate - Tenure Types 5 and 6 (1984)
233P*	Rent Rebates/Allowances for Standard Claimants - Tenure Type 3 (1983) 100% Housing Benefit - Tenure Type 1 (1984)
234P-235P*	Total Housing Benefit/Rent Rebates/Allowances - Tenure Types 1 and 2 (1983) 100% Housing Benefit - Tenure Types 2 and 3 (1984)
236P*	Total Housing Benefit/Rent Rebates/Allowances - Tenure Type 3 Partial Housing Benefit - Tenure Type 1 (1984)
237P-238P*	Housing Benefit for Certificated Claimants - Tenure Types 5 and 6 (1983) Partial Housing Benefit - Tenure Types 2 and 3 (1984)
261P	Household with company provided car(s) (1983) Number of persons in household with company provided car(s) (1984)
271P-273P	Calculated rent/water charges (1983) Calculated gross rent/water charges (1984)
281P-286P*	Net Housing Costs) for 1984 Housing Benefits
336P-337P*	"Other" Social Security Benefits) for Certificated
344P-345P*	Normal gross income) Claimants have been
352P-353P*	Current gross income) deleted from these codes
364P*	Pensioners Income (DE definition):- for 1984 the condition "plus if sex of head of household is female and age is greater than 59, or if sex of head is male and age is greater than 64, code 204P has been removed.
N.B.	* The codes asterisked above and those listed below are affected by the change in treatment of housing assistance (see Introduction paragraphs 3 and 4; Annex A, paragraphs 14(f),(g),h), 15 and of the FES Report 1984 included in this Information Pack).

Code No					Code Description
350P*	Changed in content following code 336P above				
355P*	"	"	"	"	codes 352P, 353P above
365P*	"	"	"	"	code 344P above
367P*	"	"	"	"	codes 281P to 286P above
378P*	"	"	"	"	code 367P above
395P*	"	"	"	"	code 344P above
399P*	"	"	"	"	code 344P above
406P-409P*	"	"	"	"	codes 205P to 207P, 210P above
416P*	"	"	"	"	codes 208P, 209P above
425P-431P*	"	"	"	"	code 336P above (these 7 codes are interdependent).
448P*	"	"	"	"	codes 344P, 389P above
449P-451P*	"	"	"	"	code 389P above.
452P*	"	"	"	"	code 344P above
455P*	"	"	"	"	code 454P above
492P*	"	"	"	"	code 345P above

CHANGES IN DIARY CODES 1984

Code No	Code Description	Combined with Code No
	1983 codes deleted for 1984	
302	Men's shirts	301
322	Boys' shirts	321
649	Other stationery (household)	648
795	Subscriptions to Friendly Societies	

New codes introduced for 1984

197*	'Take-away' food (hot) consumed at home, toasted sandwiches, hot rolls with fillings, hot meat pies, hot sweet pies.	
284	Non-fortified wines (brought home)	
285	Wine, unspecified (brought home)	
294	Non-fortified wines (bought and consumed away from home)	
295	Wine, unspecified (bought and consumed away from home)	
420	Purchase of video recorders	
421	Rental of video recorders	
604	Purchase and rental of video cassettes, discs and accessories	
855*	Hot meals eg breakfast, lunch, dinner, supper, snack etc	)All other)meals out
856*	Toasted sandwiches, hot rolls with filling, hot meat and sweet pies etc.	)eaten off)premises
857*	Cold food eg cold sandwiches, cold rolls with filling, cold meat and sweet pies, etc.	)(not at home))

Codes with a change of description or content between 1983 and 1984

196*	Sandwiches, rolls with filling, not accompanied by a drink (1983)	
	'Take-away' food (cold) consumed at home, cold sandwiches, cold rolls with filling, cold meat pies, cold sweet pies (1984)	
283	Wines (brought home) (1983) Fortified wines (brought home) (1984)	

* The codes asterisked above were introduced or changed as from 1st May 1984.

Code No	Code Description	Combined with Code No
293	Wines (bought and consumed away from home) (1983) Fortified wines (bought and consumed away from home) (1984)	
301	Men's outerwear (excluding shirts)(1983) Men's outerwear (including shirts)(1984)	
321	Boys' outerwear (excluding shirts)(1983) Boys' outerwear (including shirts)(1984)	
409	Radios, TV's, gramophones, tape recorders (including video recorders) (1983) Radios, TV's, gramophones, tape recorders (excluding video recorders) (1984)	
422	Spare parts for radios, TV's, gramophones, tape recorders (1983) Spare parts for radios, TV's, gramophones, tape recorders, videos (1984)	
603	New and second-hand gramophone records etc (1983) New and second-hand records, audio and home computer cassettes (1984)	
648	Stationery (personal) (1983) Stationery (1984)	
768	Radio/TV rental - slot meter payments (1983) Radio/TV rental - slot meter payments, TV game console (1984)	
784	Repairs and maintenance to tape recorders, radio, TV and musical instruments (1983) Repairs and maintenance to tape recorders, radio, TV and musical instruments, video, TV game, home computers (1984).	

IV FAMILY EXPENDITURE SURVEY 1984

BASE TAPE AMENDMENT NOTE

1 Recipients of the 1984 FES Base Tape are asked to note that it contains some errors. To assist recipients who wish to correct these errors once the tape has been mounted on their system, details are given on the attached pages.

2 The Department of Employment (DE) has elected not to correct the base tape itself because:-

(a) the "alpha groups" tape used for the internal production of tables is largely correct;

(b) where the "alpha groups" tape is incorrect, DE itself does not analyse those data;

(c) the SIR database for the 1984 FES has been corrected and is available in place of base tape for customers who require it.

3 The Department apologises for the inconvenience that will be caused by the need to correct these data.

DEPARTMENT OF EMPLOYMENT

February 1986

A Education Codes A081 to A088 are incorrect.

Users should recalculate these codes using A007 (personal education code) and A005 (age code).

B Expenditure on Services

For the 8 households given below, code 376P was not properly formed because the credit element was omitted. As a result, the following codes that are constructed using 376P are also in error:-

378P; 380P; 470P; 471P; 450P; A067.

Case No	376P	Should be increased by	New 376P	New 378P	New 488P#	A067 revised	New 450P
1	493	£1,984	£0.547	£2.531	£144.182	£150.338	No change 9.370
2	2965	£27,794	£60.249	£88.043	£307.693	£326.338	24 15.213
3	4157	£65.891	£0.275	£66.166	£367.357	£377.358	No change 14.176
4	4441	£10.930	£32.500	£43.430	£459.985	£486.712	29 14.053
5	4741	£16.209	£8.142	£24.351	£159.131	£181.054	No change 6.885
6	4861	£8.141	£4.285	£12.426	£48.664	£48.664	3 10.224
7	5935	£8.442	£12.231	£20.673	£122.930	£129.472	13 6.836
8	6039¥	£37.128	£1.761	£38.889	£608.502	£614.974	No change 13.762

* 380P = 378P except for 493 where 380P = £145.652

470P = 471P = half of 488P

¥ Also 441P = 3.231; 443P = 43.441; delete credit value against 768L

C Occupation of Head and Occupation of Chief Economic Supporter

Codes A092 and A177 were not formed in accordance with the specification at coding frame 3. Heads of household and Chief Economic Supporters who were non-workers retain their A210 code in place of 10 or 11 in error.

D Take Home Pay

Code 001P has been formed as specified on the base tape document but this specification is incorrect.

Correct code should read:-

'Take home pay, less tax refund, last time paid (main employment):- Code 303 minus code 304'.

Statement "If code A234 is not coded, code 380/388" should be deleted.

On aggregate the difference in correct and incorrect value, per person, is £0.565 which can be worked out as under:-

Code 001P	£36.273
Code 303	£35.791
Difference	£0.482
+ code 304	£0.083
= code 380	£0.565

(NB: NOT re-calculated on the 1984 database.)

E Household 1596

Household 1596 contains an incorrect value for toilet soap.

Diary code 745 (toilet soap) at a cost of 19½p was erroneously keyed as £749.195, showing the weekly average of person 2 in that household in week 2 as £374.598 (code 749 was the diary code of the preceding item). The codes which will be affected because of this error are:-

(a) Information code A067

(b) Product codes	123p	380p	470p
	127p	449p	471p
	374p	450p	488p
	378p	451p	

The difference in correct and incorrect values would be £0.053 which can be worked out as under:-

Household in survey		7081
Average per household		£0.177
	7081 x £0.177	= 1253.337
Deduct incorrect value		=(-) 374.598
Add correct value		=(+) 0.098
		<hr/>
		878.837
		<hr/>
Divide by 7081 households		= £0.124
Difference £0.177 (-) £0.124		= £0.053

FES 1984

ERROR IN HOUSEHOLD 1596 Q1 1984

This is to inform all recipients of the quarterly (1984 Q1) and base tape that diary code 745 (toilet soap) at a cost of 19½p was erroneously keyed as £749.195, showing the weekly average of person 2 in that household in week 2 as £374.598 (code 749 was the diary code of the preceding item). The codes which will be affected because of this error are:-

(a)	Information code	A067		
(b)	Product codes	123p	380p	470p
		127p	449p	471p
		374p	450p	488p
		378p	451p	

The difference in correct and incorrect values would be £0.053 which can be worked out as under.

Household in survey		7081
Average per household		£0.177
	7081 x £0.177	= 1253.337
Deduct incorrect value	=	(-) 374.598
Add correct value	=	(+) 0.098
		<hr/>
		878.837
		<hr/>
Divide by 7081 households	=	£0.124
Difference £0.177 (-) £0.124	=	£0.053

DE does not propose to produce a new or corrected base tape at this late stage.

S HASAN

Stats A6

12 December 1985

FAMILY EXPENDITURE SURVEY

ANNUAL BASE TAPE 1984

This note gives details of the contents and layout of the FES annual base tape for 1984. Information about the tape is given in seven appendices, as follows:-

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Department of Employment
Statistics Division

February 1986

APPENDIX 1

Family Expenditure Survey

Annual Base Tape, 1984

1 FES data are recorded on ICL ½" magnetic tape in standard ICL 1900 series format. Copies of the annual base tape are supplied to other Depts in 9-track format with packing densities of 1,600 bits per inch.

2 Each tape starts with a standard tape header label of 20 words. The first word of the label contains the characters HDDR; the next word contains the tape serial number: the next three words hold the file name (FES 84 AN V AB V V) and the next four words hold, respectively, the reel sequence number, file generation number, retention period and date written. The remaining words in this label are not used for FES purposes.

3 The next record consists of a single word, called a "tape-mark". This is followed by a standard twenty-word record known as a "start-of-data" sentinel. This is not used for FES purposes.

4 Data for FES households are recorded in household reference number (or serial number) order, each household being treated as a number of small records. Several complete records may be included in a tape block provided the total number of words in the block does not exceed 512. Records are not, however split between blocks. The sequence of records is the same for each household. Diary expenditure records are created for all persons aged 16 or over, irrespective of whether the records contain data.

5 The records within a household are arranged in the following sequence:

Household Ident
Household Characteristics
Household Data
Household Product Codes
Credit/HP Ident
Credit/HP Data
Personal Ident)
Personal Characteristics)
Personal Income)
Personal Expenditure Week 1) For person No 1, followed by similar
) records
Personal Expenditure Week 2) For Person No 2, and so on
Personal Product Codes)

6 Data records consist of a series of code numbers and values, codes being recorded as four characters with the related value in the next word in binary. Numeric values of information codes (but not product codes - see note 3, App 5) are recorded on tape in this form. Sterling values are reduced to weekly equivalents during initial processing and the weekly equivalents are recorded on tape in tenths of pence. The period codes which are used to reduce the sterling values to weekly terms, and the multipliers used in processing, are as follows:

Period Code	Multiplier
1 (1 week)	1.000
2 (2 weeks)	0.500
3 (3 weeks)	0.333
4 (4 weeks)	0.250
5 (calendar month)	0.231
6 (quarter)	0.077
7 (half-year)	0.039
8 (year)	0.019
9 (ten times per annum)	0.192

Except for certain items in the credit/HP data record, period codes are not recorded on tape. Items in the personal expenditure records are treated as covering a 2-week period and the values are divided by 2 before being recorded on tape. Goods acquired through credit schemes, other than credit cards, are treated as covering a calendar month. From 1979, credit card acquisitions cover a 2-week period. Within each record, codes are recorded in ascending order, information codes with prefix A preceding numeric codes. In general, zero values are not recorded on tape, but exceptions to this rule are mentioned in the detailed descriptions of each record given in the following paragraphs.

7 The tape ends with another standard tape-mark and sentinel. The sentinel contains the trailer identification in the first word in which the most significant binary digit is always 1, the next is 0 to indicate the end of the file and the next is 1 to indicate the end of the reel. The second word of the sentinel holds a count of the data blocks recorded. The remaining words in the sentinel are not used for FES purposes.

8 Household Ident Record

This appears once for every household and is always the first record in the household. It is a fixed length record of six words:

Word	Contents	Cobol Picture
1	Word count (6)	1 (24)
2	H/H V	X (4)
3	) Household Reference	X (4)
4	) or Serial number	X (4)
5	Year/Week	X (4) 2 characters for year; 2 for week
6	Zero	X (4)

The first character in the household reference number is always R and the second is always zero. Word 6 is not used from 1972 onwards.

9 Household Characteristics Record

This appears once for every household and follows the household ident record. It is a variable length record, as follows:

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0007)	X (4)
3	Code number	X (4)
4	Value	1 (24)

and so on in pairs of words to the end of the record which is indicated by two zero words. The code numbers appearing in this record range from A 016 to A 198 inclusive.

10 Household Data Record

This is a variable length record which appears once for every household:

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0002)	X (4)
3	Code number	X (4)
4	Value	1 (24)

and so on in pairs of words to the end of the record which is indicated by two zero words. The codes in this record range from 011 V to 281 V. Code numbers 010, 020, 030, 040, 050, 060, 070, 080, 110, are amended before they are recorded on tape by the addition of the value of code A 120 (type of tenure). If, for example, a household has a value of 2 for code A 120, then code 010 is amended and recorded on tape as 012 V. A similar procedure is used to add the value of code A 119 to codes 130, 150 and 200.

11 Household Product Codes Record

This appears once for every household and is a variable length record:-

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0006)	X (4)
3	Product code number	X (4)
4	Value	1 (24)

and so on in pairs of words to the end of the record, indicated by two zero words. Codes appearing in this record are in the range 200P to 592P. Codes in this record may have negative values.

12 Credit/HP Ident Record

This appears only if there is a credit/HP data record to follow. It is a fixed length record of four words:

Word	Contents	Cobol Picture
1	Word count (4)	1 (24)
2	Record Type (HIRE)	X (4)
3	) Household reference	X (4)
4	) number	X (4)

13 Credit/HP Data Record

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0003)	X (4)
3	Zero	1 (24)
4	Transaction type	X (4)
5	Code and suffix letter	X (4)
6	Weekly Value	1 (24)
7	Person number	X (4)
8	Identifier/Transaction type	X (4)
9	Code/Period code	X (4)
10	Value of instalment	1 (24)
11	Transaction type code (A 100)	X (4)
12	Value	1 (24)
13	Cash price code (2391)	X (4)
14	Cash price value	1 (24)
15	Part exchange code (2416)	X (4)
16	Part exchange value	1 (24)
17	Down payment code (2426)	X (4)
18	Down payment value	1 (24)
19	Code A 101	X (4)
20	Number of instalments	1 (24)
21	Code 243/period code	X (4)
22	Value of agreed instalment	1 (24)
23	Code from word 9, suffixed A	X (4)
24	Weekly value of word 10	1 (24)
25	Code from word 9, suffixed B	X (4)
26	Weekly value of word 18	1 (24)

Words 1 and 2 appear once only in the record. Words 3 to 6 are repeated for each credit transaction, but do not appear if there are no credit transactions by the household. Words 7 to 26 are repeated for each HP transaction but do not appear if there are no HP transactions. Word 5 contains codes in the range 101 to 999, from the list of diary record-book codes, with suffix letter C, E, F, G, J, K or L in the fourth position. Word 4 (transaction type) is derived by subtracting 29 from the binary equivalent of the suffix letter in word 5. Word 8 contains an identification letter in the range A to Z and the transaction type (1 to 5). The codes in word 9 are diary record-book codes in the range 101 to 999, with the period code in the fourth position. The value in word 10 is the actual value of the instalment, the weekly value being held in word 24. The value in words 16, 18, 20 and 22 will be zero if the goods were not obtained within the last 3 months. The weekly equivalent of word 18 is held in word 26. Zero values may occur for words 14, and 26. The end of the record is indicated by two zero words.

14 Personal Ident Record

This appears once for each person and is a fixed length record of 5 words:

Word	Contents	Cobol Picture
1	Word count (5)	1 (24)
2	Record Type (PERS)	X (4)
3	) Household reference	X (4)
4	) number	X (4)
5	Person number	X (4)

The person number is held in the third and fourth character positions of word 5.

15 Personal Characteristics Record

This appears once for each person and is a variable length record:

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0001)	X (4)
3	Code	X (4)
4	Value	1 (24)

and so on in pairs of codes and values to the end of the record, which is indicated by two zero words. The codes in this record are in the range A 001 to A 015. Zero values may appear for codes A 002, A 003, A 005, A 007, A 010, A 011, A 012.

16 Personal Income Record

This record appears once for each person aged 16 or over and may occur for persons under 16. The record is of variable length:

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0004)	X (4)
3	Code	X (4)
4	Value	1 (24)

and so on in pairs of codes and values to the end of the record, indicated by two zero words. This record contains codes in the range A 201 to A 288 and 301 V to 429 V. The records of persons under 16 years of age contain only codes 361 V, 392 V, 396 V, 397 V, and A 252.

17 Personal Expenditure Record

Two of these records appear for each person aged 16 or over. They are of variable length and contain data from the diary record books separately for week 1 and week 2.

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0015) - Week 1	X (4)
2	" " (0025) - Week 2	X (4)
3	Code/Week/Day	X (4)
4	Value	1 (24)

and so on in pairs of codes and values to the end of the record, indicated by two zero words. Word 3 contains code numbers in the range 101 to 999 with the week/day number held in the fourth position of the word in octal. The day number is not now used and as from 3rd quarter of 1974, all day numbers are recorded on tape as day 1. All values from the diary record books are treated as covering a 2-week period and are divided by 2 before being recorded on tape in tenths of pence.

Some personal expenditure records may not contain any data and in these records the two zero words indicating the end of the record immediately follow word 2.

18 Personal Product Codes Record

This appears once for each person with a personal income record and is always the last record for that person. It is a variable length record:

Word	Contents	Cobol Picture
1	Word count	1 (24)
2	Record Type (0006)	X (4)
3	Product code number	X (4)
4	Value	1 (24)

and so on to the end of the record, indicated by two zero words. Code numbers appearing in this record are in the range 001P to 199P. The values of some product codes in this record may be negative.

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Records on annual base tape

1	Record name : Household Ident	Word count (6)	1(24)
	Record size : Min 6; average 6; max 6	H / H V	X(4)
	Records per file : Average 7000	(Household Ref	X(4)
	Record length : Fixed	(Number	X(4)
		Year	Week X(4)
		0 0	0 0 X(4)
2	Record name : Household Characteristics	Word count	1(24)
	Record size : Min 4; average 108; max 512	0 0 0 7	X(4)
	Records per file : Average 7000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)
3.	Record name : Household Data	Word count	1(24)
	Record size : Min 4; average 40; max 512	0 0 0 2	X(4)
	Records per file : Average 7000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)
4	Record name: Household product codes	Word count	1(24)
	Record size : Min 4; average 168; max 512	0 0 0 6	X(4)
	Records per file : Average 7000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)

5 Record name : Credit/HP Ident Word count (4) 1(24)
 Record size : Min 4; average 4; max 4 H I R E X(4)
 Records per file : Average 3000 (Household Ref X(4)
 Record length : Fixed (Number X(4)

6 Record name : Credit/HP data Word count 1(24)
 Record size : Min 8; average 32; max 512 0 0 0 3 X(4)
 Records per file : Average 3000 0 1(24)
 Record length : variable 0 0 0 Trans
 Type X(4)
 Code C to L X(4)
 Value 1(24)
 ETC
 Person number X(4)
 0 0 A to Z Trans
 Type X(4)
 Code Period X(4)
 Value 1(24)
 A 1 0 0 X(4)
 Value 1(24)
 2 3 9 1 X(4)
 Value 1(24)
 2 4 1 6 X(4)
 Value 1(24)
 2 4 2 6 X(4)
 Value 1(24)
 A 1 0 1 X(4)
 Value 1(24)
 2 4 3 Period X(4)
 Value 1(24)
 Code A X(4)
 Value 1(24)
 Code B X(4)
 Value 1(24)
 ETC
 0 1(24)
 0 1(24)

7 Record name : personal Ident Word count (5) 1(24)
 Record size : Min 5; average 5; max 5 P E R S X(4)
 Records per file : Average 20,000 (Household Ref X(4)
 Record length : Fixed (Number X(4)
 0 0 Person
 Number X(4)

8	Record name: Personal Characteristics	Word count	1(24)
	Record size : Min 28; average 32; max 34	0 0 0	1 X(4)
	Records per file : Average 20,000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)
9	Record name : Personal Income	Word count	1(24)
	Record size : Min 4; Average 28; max 512	0 0 0	4 X(4)
	Records per file : Average 15,000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)
10	Record name : Personal Expenditure	Word count	1(24)
	Record size : Min 4; Average 92	Wk 1 0 0 1	5 X(4)
	Max 521	Wk 2 0 0 2	5
	Records per file : Average 28,000	Code	Week/ X(4)
	Record length : variable	Value	1(24)
		Code	Week/ X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)
11	Record name : Personal Product codes	Word count	1(24)
	Record size : Min 6; average 68; max 512	0 0 0	6 X(4)
	Records per file : Average 20,000	Code	X(4)
	Record length : variable	Value	1(24)
		Code	X(4)
		Value	1(24)
		ETC	
			0 1(24)
			0 1(24)

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LIST OF INFORMATION CODES

Note: (1) Information codes are prefixed with letter A. They are used for data which have numerical (not sterling) values. Period codes are not applicable to these items.

(2) Codes marked * are not printed on the schedules, but are derived from other data by the computer.

(3) Codes A 001 to A 015 and A 201 to A 288 relate to persons. Codes A 016 to A 198 relate to households.

(4) Except for codes A 056 and A 058, children are defined as unmarried persons aged under 18. Adults are married persons irrespective of age or unmarried persons aged 18 and over.

Information from Household Schedule (Schedule A)

Code	Value	Question Number	Item
A 001*		Q 1	Personal Number
A 002*		Q 2	Relationship to Head of Household (see Coding Frame 20)
A 003*	1	Q 3	Housewife
A 004*	1	Q 4	Sex - Male
A 004*	2	Q 4	Sex - Female
A 005*		Q 5	Age
A 006*	1	Q 6	Marital status - married, husband/wife a household member
A 006*	2	Q 6	" " - married, husband/wife not a household member
A 006*	3	Q 6	" " - not married, aged 18 or over
A 006*	4	Q 6	" " - not married, aged under 18
A 007*	1	Q 7	Education - Not yet attending school
A 007*	2	Q 7	" - State Primary and Nursery School, fewer than 10 sessions per week
A 007*	3	Q 7	" - State Primary and Nursery School, 10 or more sessions per week
A 007*	4	Q 7	" - State Secondary School
A 007*	5	Q 7	" - State Special School
A 007*	6	Q 7	" - Private and Independent Schools, Primary, Preparatory or Secondary
A 007*	7	Q 7	" - University

Information from Household Schedule (Schedule A (contd))

Code	Value	Question Number	Item
A 007*	8	Q 7	" - Teacher Training College or advanced further education
A 007*	9	Q 7	- Non advanced further education up to 'A' level
A 008*		Q 9	Income Unit - Ref number of unit
A 009*	1	Q 9	" " - Head of unit
A 009*	2	Q 9	" " - Wife of head of unit
A 009*	3	Q 9	" " - Young dependant under 25
A 010*		Q 8	Age at which full-time education ceased
A 011*	9	Q 10	Spender
A 012*	1	Q 11	D Schedules completed for both weeks
A 013*			Not used in 1984
A 014*	1		Wife of head of household (derived from Code A002, value 1 and Code A004, value 2)
A 015*	1		Employment position - working (all persons coded 1 at Code 021P)
A 015*	2		Employment position - retired or unoccupied and of minimum NI pension age (males aged 65 and over not coded at Code 021P and females aged 60 and over not coded at Code 021P)
A 015*	3		Employment position - full-time education (all persons coded 3 to 11 at code A 007, and not coded 1 or 2 at code A 015)
A 015*	4		Employment position - other (all persons not coded 1,2 or 3 at code A 015)
A 016*			Number of single males in household - aged 16 but under 18
A 017*			Number of single females in household - aged 16 but under 18
A 018*			Number of single persons in household - aged 16 but under 18
A 019*			Not used from 1975
A 020*			Number of male children in household - aged under 2
A 021*			" " " " " " - aged 2 but under 5
A 022*			" " " " " " - aged 5 but under 18
A 023*			Number of male adults in household - aged under 45 (see note 4)
A 024*			" " " " " " - aged 45 but under 60
A 025*			" " " " " " - aged 60 but under 65
A 026*			" " " " " " - aged 65 but under 70
A 027*			" " " " " " - aged 70 and over
A 028*			Number of males in household - working
A 029*			" " " " " " - total

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 030*			Number of female children in household - aged under 2
A 031*	"	"	" " " " " "
A 032*	"	"	- aged 2 but under 5
A 033*	"	"	- aged 5 but under 18
A 034*	"	"	Number of female adults in household - aged under 45 (see note 4)
A 035*	"	"	" " " " " "
A 036*	"	"	- aged 45 but under 60
A 037*	"	"	" " " " " "
A 038*	"	"	- aged 60 but under 65
A 039*	"	"	" " " " " "
A 040*	"	"	- aged 65 but under 70
A 041*	"	"	" " " " " "
A 042*	"	"	- aged 70 and over
A 043*	"	"	Number of females in household - working
A 044*	"	"	" " " " " - total
A 045*	"	"	Number of children in household - aged under 2
A 046*	"	"	" " " " " - aged
A 047*	"	"	2 but under 5
A 048*	"	"	" " " " " - aged
A 049*	"	"	5 but under 18
A 050*	"	"	Number of adults in household - aged under 45 (see note 4)
A 051*	"	"	" " " " " - aged
A 052*	"	"	45 but under 60
A 053*	"	"	" " " " " - aged
A 054*	"	"	60 but under 65
A 055*	"	"	" " " " " - aged
A 056*	"	"	65 but under 70
A 057*	"	"	" " " " " - aged
A 058*	"	"	70 and over
A 059*	"	"	Number of persons in household - working
A 060*	"	"	" " " " " "
A 061*	"	"	- total
A 062*	"	"	" " " " " "
A 063*	"	"	- retired or unoccupied and of minimum NI pension age
A 064*	"	"	Number of persons in household - retired or unoccupied but under minimum NI pension age
A 065*	"	"	Code for households with married women (see Coding Frame 12)
A 066*	"	"	Not used
A 067*	"	"	Sampling Group - No. of times primary sampling unit used

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 055*			Month of sampling
A 056*			Household composition - 16 year old adult basis (see Coding Frame 2)
A 057*			Household composition (DE) - (see Coding Frame 2)
A 058*			Household composition (CSO) - (see Coding Frame 15)
A 059*			Ranges of Gross Household Income (Code 344P ranged as in Coding Frame 6)
A 060*			Ranges of Gross Head of Household Income (Code 345P ranged as in Coding Frame 7)
A 061			Not used in 1984
A 062			Not used in 1984
A 063			Not used in 1984
A 064			Not used in 1984
A 065*			Age of head of household by ranges (see Coding Frame 19)
A 066*			Age of wife of head by ranges (see Coding Frame 19)
A 067*			Ranges of total expenditure (DE) - (Code 378P ranged as in Coding Frame 6)
A 068			Not used in 1984
A 069*			Type of household (see Coding Frame 5)
A 070*			Local Authority dwelling (Code A 120, value 1)
A 071*	1		Retired households (CSO) - (Households in which the percentage of pensioner income - Code 452P - is 50% or more)
A 071*	2		Non-retired households (CSO) - (Households in which the percentage of pensioner income - Code 452P - is less than 50%)
A 072*			Not used in 1984
A 073*			Not used in 1984
A 074*			Not used in 1984
A 075*			Head of household out of a job (see Coding Frame 27)
A 076*			Number of persons not yet attending school
A 077*			Number of persons at - State Primary and Nursery School, fewer than 10 sessions per week
A 078*			- State Primary and Nursery School 10 or more sessions per week
A 079*			- State Secondary School
A 080			- State Special School
A 081*			- Private and Independent Schools, Primary, Preparatory or Secondary
A 082			- (not used from 1983)
A 083*			- University
A 084*			- Teacher Training College or advanced further education

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 085*			- Non advanced further education up to 'A' level
A 086			- (not used in 1984)
A 087*			Number of persons, aged 16 or over, at - State Secondary Schools
A 088*			- Private and Independent Secondary Schools
A 089*	1		One-adult households (Code A 057, values 1 and 2)
A 089*	2		Two-adult households (Code A 057, values 7 and 8)
A 090*			Economic position of wife of head of household (see Coding Frame 23)

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 091			Not used in 1984
A 092*			Occupation of head (see Coding Frame 3)
A 093*			Industry of head (see Coding Frame 4)
A 094*			Economic position of head (see Coding Frame 23)
A 095			Not used from 1983
A 096*			Standard Region (see Coding Frame 10)
A 097*			Type of Administrative Area (see Coding Frame 1)
A 098*			Standard Region (revised sequence of regions - see Coding Frame 18)
A 099*			Quarter number
A 100*	1	Q 73	Hire purchase - Bank
A 100*	2	Q 73	" " Finance House
A 100*	3	Q 73	" " Second mortgage
A 100*	4	Q 73	" " HP/Credit Sale agreement
A 101		Q 72/73	Hire Purchase - Number of instalments
A 102	1	Q 65	Telephone in household
A 103	5	Q 49	Household has - gas only
A 103	6	Q 49	- electricity only
A 103	7	Q 49	- gas and electricity
A 103	8	Q 49	- neither gas nor electricity
A 104*			Code for number of workers (the value is one more than the number of workers in the household)
A 105	1	Q 46	TV set in household
A 106	1	Q 46	Rented TV - paid by slot meter
A 106	2	Q 46	- paid by regular payments
A 106	3	Q 46	- other means of payment
A 107*			Ranges of Disposable Income (code 389P ranged as in Coding Frame 6)
A 108	1	Q 47	Washing machine available in household
A 109	7	Q 16	Type of tenure - housing association, rented unfurnished
A 110	1	Q 16	Tenancy dependent on job
A 111		Q 14	Number of rooms in this accommodation solely occupied
A 112		Q 14	Number of rooms in this accommodation shared
A 113		Q 14	Number of rooms in this accommodation sub-let
A 114		Q 13	Total number of rooms in this accommodation
A 115		Q 15	Number of garages owned/rented/occupied rent-free
A 116	1-34	Q 48	Type of fuel used for room heating (see Coding Frame 13)
A 117		Q 60	Number of new cars/vans bought in last 12 months
A 118		Q 60	Number of second hand cars/vans bought in last 12 months

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 119	1	Q 31	Source of mortgage - Building Society
A 119	2	Q 31	- Local Authority
A 119	3	Q 31	- Bank
A 119	4	Q 31	- Insurance Company
A 119	5	Q 31	- Other Source
A 120	1	Q 16	Type of tenure - Council or New Town Corporation, rented unfurnished
A 120	2	Q 16	- Other rented, unfurnished
A 120	3	Q 16	- Rented, furnished
A 120	4	Q 16	- Owned with mortgage
A 120	5	Q 16	- Owned outright
A 120	6	Q 16	- Rent-free
A 121			Not used in 1984
A 122			Not used from 1983
A 123	1/12	Q 88	Type of accommodation occupied (see Coding Frame 25)
A 124		Q 59	Number of cars and vans in household
A 125*			Car ownership position (the value is one more than the number of cars in the household)
A 126			Not used in 1984
A 127		Q 28	Month/Year of most recent lump sum rates rebate
A 128	1	Q 49	Gas paid by - slot meter
A 128	2	Q 49	- account
A 128	3	Q 49	- Board Budgeting scheme
A 128	4	Q 49	- Other method or 2 or more methods
A 129	1	Q 93	Local Authority concessionary bus travel provisions for OAP
A 129	2	Q 93	- Free bus pass or permit
A 129	3	Q 93	- Half fare bus pass or permit
A 129	4	Q 93	- Flat fare bus pass or permit
A 129	5	Q 93	- Bus tokens or bus tickets
A 129	7	Q 93	- Any other type of concessionary OAP bus pass
A 129			- Local Authority does not operate a concessionary scheme
A 130	1	Q 49	Electricity paid by - slot meter
A 130	2	Q 49	- account
A 130	3	Q 49	- Board budgeting scheme
A 130	4	Q 49	- other method or 2 or more methods
A 130	5	Q 49	- COCD (N.Ireland only)
A 131			Not used from 1983
A 132			" " " "
A 133			" " " "
A 134			" " " "
A 135			" " " "
A 136			" " " "
A 137			" " " "
A 138		Q 56	Gas - Month/year of last account
A 139		Q 56	Electricity - Month/Year of last account
A 140	1	Q 28	Rate rebate received in last 12 months

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 141			Not used from 1983
A 142			" " " "
A 143			" " " "
A 144			" " " "
A 145			" " " "
A 146			" " " "
A 147			" " " "
A 148		Q 28	Tens = Period code for rates payment; Units = Period code for rates rebate
A 149		Q 59	Number of privately owned cars in household (special OME definition, see Coding Notes)
A 150	1	Q 47	Central Heating by electricity
A 151	1	Q 47	Central Heating by gas
A 152	1	Q 47	Central Heating by oil
A 153	1	Q 47	Central Heating by solid fuel
A 154	1	Q 47	Central Heating by fuel not known
A 155	1	Q 29	DK if housing rebate/allowance includes Housing Benefit Supplement
A 156	1	Q 29	Amount of Housing Benefit Supplement not known
A 157	1	Q 80	Free travel to State School by bus or train
A 157	2	Q 80	Travel to State School is not free
A 157	3	Q 80	Travel to State School is free for some but not all
A 158		Q 38	Mortgage Interest - Month/year period started
A 159		Q 38	" " " " " ended
A 160		Q 59	Number of cars in household
A 161		Q 59	Number of vans in household
A 162		Q 59	Number of motorcycles etc in household
A 163	1	Q 39	Mortgage payment - net of tax
A 163	2	Q 39	" " - gross of tax
A 163	3	Q 39	" " - DK
A 164	1	Q 47	Household has - fridge/freezer
A 165	1	Q 47	" " - fridge
A 166	1	Q 47	" " - freezer
A 167		Q 80	Number of children travelling to State School by bus or train
A 168	1	Q 17	Amount of Unified Housing Benefit not known
A 169	1	Q 21	Amount of rent rebate not known
A 170			Not used in 1984
A 171	1	Q 28	Amount of rate rebate not known
A 172	1	Q 28	Amount of lump sum rate rebate not known
A 173	1	Q 23	Rates included in rent

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question No.	Item
A 174	1	Q 94	Household where an expenditure item has been imputed
A 175*			Range of Chief Economic Supporter's Normal Gross Income (ranged as Coding Frame 6)
A 176*			Age of Chief Economic Supporter by ranges (see Coding Frame 19)
A 177*			Occupation of Chief Economic Supporter (see Coding Frame 3)
A 178*			Economic Position of Chief Economic Supporter (see Coding Frame 23)
A 179*	1		Chief Economic Supporter is male and head of household (A 251 coded 1, A001 coded 1)
A 179*	2		Chief Economic Supporter is male and not head of household (A 251 coded 1 or 2, A 004 coded 1, A 002 coded 2 to 8)
A 179*	3		Chief Economic Supporter is female and head of household (A 251 coded 2, A 001 coded 1)
A 179*	4		Chief Economic Supporter is female and not head of household (A 251 coded 1 or 2, A 004 coded 2, A 002 coded 1 to 8)
A 180			Not used in 1984
A 181			" " " "
A 182			" " " "
A 183			" " " "
A 184			" " " "
A 185			" " " "
A 186			" " " "
A 187			" " " "
A 188			" " " "
A 189			" " " "
A 190*			Combination of durables owned (see Coding frame 24)
A 191*	1		Household does not have a telephone
A 191*	2		Household has a telephone
A 192			Not used from 1981
A 193	1-7	Q 82	Educational courses - type of establishment attended:-
A 193	1	Q 82	State only
A 193	2	Q 82	Private only
A 193	3	Q 82	Individual only
A 193	4	Q 82	State and private
A 193	5	Q 82	State and individual
A 193	6	Q 82	Private and individual
A 193	7	Q 82	State, private and individual
A 194			Not used from 1983
A 195	1-7	Q 82	Any other course or private tuition - type of establishment attended: coded as in A 193
A 196		Q 79	Number of 'paid for' school meals in past 7 days
A 197		Q 79	No. of free school meals in past 7 days
A 198		Q 77	Number of items free on prescriptions in past 7 days

Information from Income Schedule (Schedule B)

Code	Value	Question Number	Item
A 201	1	Q 1	At present working as employee
A 201	2	Q 1	Self-employed or employer
A 201	3	Q 1	Out of employment but seeking work
A 201	4	Q 1	Sick or injured but intending to seek work
A 201	5	Q 1	Sick or injured but not intending to seek work
A 201	6	Q 1	Retired
A 201	7	Q 1	Unoccupied
A 202	1		Self-employed or employer (persons coded 2 at code A 201 and coded 1 at code 021P)
A 202*	2		At present working as full-time employee (persons coded 1 at code A 201, coded 2 or not coded at code A 207 and coded 31 or more at code A 220)
A 202*	3		At present working as part-time employee (persons coded 1 at code A 201, coded 2 or not coded at code A 207 and coded less than 31 at code A 220)
A 202*	4		Full-time employee temporarily away from work (persons coded 1 at code A 201, coded 1, 3 or 4 at code A 207 and coded 31 or more at code A 220)
A 202*	5		Part-time employee temporarily away from work (persons coded 1 at code A 201, coded 1, 3 or 4 at code A 207 and coded less than 31 at code A 220)
A 202*	6		Retired and of minimum NI pension age (males aged 65 and over, females aged 60 and over, coded 6 at code A 201)
A 202*	7		Retired but under minimum NI pension age (males aged less than 65, females aged less than 60, coded 6 at code A 201)
A 202*	8		Unoccupied and of minimum pension age (males aged 65 and over, females aged 60 and over, coded 5 or 7 at code A 201) or coded 1 to 4 at code A 201 and not coded at 021P)
A 202*	9		Unoccupied but under minimum NI pension age (males aged less than 65, females aged less than 60, coded 5 or 7 at code A 201 or coded 1 or 2 at code A 201 and not coded at 021P)
A 202*	10		Employee out of a job - worker (persons coded 3 or 4 at code A 201 and coded at code 021P)
A 202*	11		Employee out of a job - non worker (persons coded 3 or 4 at code A201 and not coded at code 021P)
A 203	1	Q 40	Self-employed - value 1 = full time;
	value 2 = part time		

Information from Income Schedule (Schedule B) (contd)

Code	Value	Question Number	Item
A 203	2	Q 40	(1 st self-empt is coded in tens position: 2 nd in units position)
A 204		Q 10	Employee earnings - week/year last time paid
A 205		Q 56	Industrial injury disablement pension - no. of weeks received
A 206		Q 5	Number of weeks retired
A 207	1	Q 3	Away from work because of - illness or accident
A 207	2	Q 3	- holiday
A 207	3	Q 3	- strike
A 207	4	Q 3	- other reason
A 208		Q 3/4	Number of weeks away from work
A 209	1	Q 3	Away from work - on full pay
A 209	2	Q 3	- on part pay
A 209	3	Q 3	- without pay
A 210		Q 9	Main occupation (see Coding Frame 3)
A 211		Q 9	Main industry (see Coding Frame 4)
A 212	1	Q 9	Subsidiary occupation as an employee
A 213		Q 12	Code for period covered by last wage or salary
A 214	1	Q 9	Subsidiary occupation as self-employed
A 215		Q 2/4/8	Number of weeks worked in last year
A 216		Q 19/20	Actual hours worked for last pay
A 217	1	Q 6	Not seeking work - looking after sick relatives
A 217	2	Q 6	" " " - not looking after sick relatives
A 218	1-15	Q 74	Type of investment (see Coding Frame 9)
A 219		Q 21	Paid overtime hours worked
A 220		Q 17	Usual weekly hours
A 221	1	Q 7	Permanently unable to work
A 221	2	Q 7	Not permanently unable to work
A 222		Q 57	Unemployment benefit - number of weeks received
A 223	1	Q 57	" " - receiving at present
A 224		Q 52	Sickness/Industrial injury benefit - number of weeks received
A 225	1	Q 52	Sickness/Industrial injury benefit - receiving at present
A 226		Q 36	Self-employment income - month/year period ended
A 227		Q 36	" " " - no. of months for which figures available
A 228		Q 59	Supplementary benefit - number of weeks received
A 229	1	Q 59	" " - receiving at present
A 230		Q 67	Benefits from TUs, Friendly Societies etc - no. of weeks received
A 231	1	Q 67	" " - receiving at present

Information from Income Schedule (Schedule B) (contd)

Code	Value	Question Number	Item
A 232		Q 64	Other State Benefits - number of weeks received
A 233	1	Q 64	" " " - receiving at present
A 234	1		Last net wage/salary includes Statutory Sick Pay
A 235		Q 16	Pay slip seen/consulted/not consulted
A 236	3	Q 68	Public sector pension from own employment
A 236	4	Q 68	Public sector pension from spouse's employment
A 237	3	Q 69	Private sector pension from own employment
A 237	4	Q 69	Private sector pension from spouse's employment
A 238	1	Q 56	Industrial injury disablement pension - receiving at present
A 239		Q 60	Maternity allowance - no. of weeks received
A 240	1	Q 60	" " " - receiving at present
A 241	1	Q 86	Tax refunded directly was PAYE
A 241	2	Q 86	Tax refunded directly was other than PAYE
A 241	3	Q 86	Tax refunded directly was by reason of unemployment or redundancy
A 242			Not used in 1984
A 243			Not used in 1984
A 244		Q 18	Number of hours paid overtime usually worked per week
A 245	1-10		Person for whom item of income has been imputed (see Coding Frame 29)
A 246	1	Q 55	Type of Government Training Scheme-TOPS
A 246	2	Q 55	" " " " " -YOPS
A 246	3	Q 55	" " " " " -YTS
A 246	4	Q 55	" " " " " - Other
A 247		Q 81	Cwts of concessionary coal/coke in last year
A 248*			Ranges of personal gross employee earnings (Code 199P ranged as in Coding Frame 22)
A 249		Q 55	Number of weeks on TOPS/YOPS course in last year
A 250	1	Q 10	Last wage/salary from main occupation was received last week/month
A 251*	1		Chief Economic Supporter in household with male head
A 251*	2		Chief Economic Supporter in household with female head
A 252			Education Grants - Spender or child under 16 - source of grant, level and establishment (see Coding Frame 26)
A 253			Not used in 1984

Information from Income Schedule (Schedule B) (contd)

Code	Value	Question Number	Item
A 254	1	Q 23	Last wage/salary is normal
A 255	1	Q 31	Last wage/salary from subsidiary occupation was received last week/month
A 256		Q 58	Family Income Supplement - number of weeks received
A 257	1	Q 58	" " " - receiving at present
A 258		Q 53	Contributory invalidity pension/allowance - no. of weeks weeks received
A 259	1	Q 53	" " " - receiving at present
A 260			Not used from 1983
A 261			" " " "
A 262			" " " "
A 263			" " " "
A 264			" " " "
A 265			" " " "
A 266		Q 82	Concessionary bus travel pass, permit etc held by OAP (coded as A 129 except value 6 = value of token or ticket not known)

Information from Income Schedule (Schedule B) (contd)

Code	Value	Question Number	Item
A 267		Q 54	Number of weeks paid by employer while at the same time in receipt of Statutory Sick Pay, NI Sickness Benefit etc.
A 268			Not used from 1983
A 269			" " " "
A 270			" " " "
A 271			" " " "
A 272	1	Q 54	Receipt of payment from employer while at the same time in receipt of Statutory Sick Pay, NI Sickness Benefit etc.
A 272	2	Q 54	- payment every week by employer
A 273	1	Q 55	- payment for some of the weeks TOPS/YOPS Allowance - receiving at present
A 274	1	Q 62	Maternity pay received from employer
A 275	1	Q 83	At present working as mail order agent or baby-sitter.
A 276	1	Q 9	Director in main occupation
A 277	1	Q 9	Director in subsidiary occupation
A 278		Q 51	Statutory Sick Pay - no. of weeks received
A 279	1	Q 51	" " " - receiving at present
A 280			Not used in 1984
A 281			Not used in 1984
A 282			Not used in 1984
A 283			Not used in 1984
A 284	1-10	Q 74(a)	Amount of SAYE, Nat. Savings Certs. and Premium Bonds held (See Coding Frame 28)
A 285	1		Car provided by - employer
A 285	2		- spouse's employer
A 285	3		- other
A 286	1		Employer supplies some petrol for private motoring
A 286	2		" " all " "
A 287*	1		Employee without company car
A 287*	2		Employee with company car
A 288*	1		Director without company car
A 288*	2		Director with company car

FAMILY EXPENDITURE SURVEY 1984

LIST OF INCOME/EXPENDITURE CODES

- Note: (1) Codes marked * are not printed on the schedules but are derived from other data by computer
- (2) All values are converted to weekly terms during initial processing and are recorded on tape as tenths of pence (1,000 = £1)

Items from Household Schedule (Schedule A)

Code	Question Number	Item
001 to 009		Not used
		Net rent/rates
010	Q18	- all rented dwellings
011*		- Council, rented unfurnished
012*		- Other rented, unfurnished
013*		- Rented, furnished
014	Q28	Rates rebate - Most recent lump-sum refund
015		Not used from 1980
016		Not used from 1980
017	Q47	Expenditure on fuel oil for central heating
018 to 019		Not used
		Net rent/rates including non-separable service element
020	Q22	- all rented dwellings
021*		- Council, rented unfurnished
022*		- Other rented, unfurnished
023*		- Rented, furnished
024		Not used from 1982
025		Not used in 1983
026		Not used from 1982
027	Q22	Service element paid with rent
028 to 029		Not used
		Net rates if paid separately
030	Q24/27	- all tenure types
031*		- Council, rented unfurnished
032*		- other rented, unfurnished
033*		- rented, furnished
034*		- owned with mortgage
035*		- owned outright
036*		- rent-free
037 to 039		Not used
		Rates rebate/relief
040	Q28	- all tenure types
041*		- Council, rented unfurnished
042*		- other rented, unfurnished

Items from Household Schedule (Schedule A)

Code	Question Number	Item
043*		- rented, furnished
044*		- owned with mortgage
045*		- owned outright
046*		- rent-free
047	Q28	Lump sum refunds of rates rebate/relief
048 to 049		Not used
		Water charges
050	Q26	- all tenure types
051*		- Council, rented unfurnished
052*		- Other rented, unfurnished
053*		- rented, furnished
054*		- owned with mortgage
055*		- owned outright
056*		- rent-free
057 to 059		Not used
		Other regular housing payments
060	Q30	- all tenure types
061*		- Council, rented unfurnished
062*		- other rented, unfurnished
063*		- rented, furnished
064*		- owned with mortgage
065*		- owned outright
066*		- rent-free
067 to 069		Not used
		Rateable value for portion of dwelling occupied
070	Q91	- all tenure types
071*		- Council, rented unfurnished
072*		- other rented, unfurnished
073*		- rented, furnished
074*		- owned with mortgage
075*		- owned outright
076*		- rent-free
077 to 079		Not used
		Rate poundage
080		- all tenure types
081*		- Council, rented unfurnished
082*		- other rented, unfurnished
083*		- rented, furnished
084*		- owned with mortgage
085*		- owned outright
086*		- rent-free
087 to 089		Not used
090 to 096		Not used from 1981
097 to 099		Not used
100 to 106		Not used from 1981
107 to 109		Not used

Items from Household Schedule (Schedule A)

Code	Question Number	Item
110	Q41	Insurance on structure of dwelling
111*		- all tenure types
112*		- Council, rented unfurnished
113*		- other rented, unfurnished
114*		- rented, furnished
115*		- owned with mortgage
116*		- owned outright
117 to 129		- rent-free
		Not used
		"Interest only" mortgages - interest paid
130	Q33	- all sources
131*		- Building Society (derived from Code A119)
132*		- Local Authority (derived from Code A119)
133*		- Bank (derived from Code A119)
134*		- Insurance Company (derived from Code A119)
135*		- Other source (derived from Code A119)
136 to 148		Not used
149	Q51	Electricity - amount shown on COCD account (N Ireland only)
		"Interest/Principal" mortgages
		- interest paid
150	Q38	- all sources
151*		- Building Society (derived from Code A119)
152*		- Local Authority (derived from Code A119)
153*		- Bank (derived from Code A119)
154*		- Insurance Company (derived from Code A119)
155*		- Other source (derived from Code A119)
156		Not used from 1982
157		Not used in 1983
158	Q80	Amount paid for travel to state schools in last 7 days
159		Not used from 1983
160	Q82	Education fees
161		Not used from 1983
162	Q82	Fees paid for other courses
163	Q93	Value of OAP concessionary bus tokens or tickets
164	Q88	Education fees paid for person outside the household
165		Not used
166	Q65	Telephone account - own telephone
167		Not used from 1982
168	Q42/43	Insurance on contents of dwelling

Items from Household Schedule (Schedule A)

Code	Question Number	Item
169		Not used from 1980
170	Q51	Gas - amount paid in last account
171	Q63	Lump sum payment from insurance company in respect of a motor vehicle
172	Q61	Cash received from sale of vehicles
173	Q50	Gas - slot meter rebate
174	Q17	100% rent rebate/rent allowance/housing benefit
175	Q51	Electricity - amount paid in last account
176		Not used from 1981
177		Not used from 1981
178	Q50	Electricity - slot meter rebate
179	Q62	Refund of Road Fund Tax
180	Q75	Bank charges
181	Q66	Licences - Television
182	Q60	Credit purchases - second hand cars/vans
183	Q60	Credit purchases - new cars/vans
184		Not used in 1983
185	Q66	Licences - Other licences (except driving)
186	Q66	Licences - Driving
187	Q59	Motor vehicle tax
188	Q59	Motor vehicle insurance
189	Q15	Garage rent
190	Q29	Amount of Housing Benefit Supplement
191	Q64	Season tickets - other (see codes 219 and 255)
192		Not used from 1982
193		Not used from 1981
194	Q46	TV slot meter rebate
195	Q46	TV rental - amount paid on last account
196	Q44	Life assurance
197		Not used from 1981
198		Not used from 1981
199	Q44	Insurance premiums on mortgage endowment policies
		"Interest/Principal" mortgages - last instalment
200	Q36	- all sources
201*		- Building Society (derived from Code A119)
202*		- Local Authority (derived from Code A119)
203*		- Bank (derived from Code A119)
204*		- Insurance Company (derived from Code A119)
205*		- Other source (derived from Code A119)
206	Q45	Other (not life) insurances including friendly society premium
207	Q81	Income from scholarships - household
total		

Items from Household Schedule (Schedule A)

Code	Question Number	Item
208	Q44	Mortgage Protection Premiums
209	Q81	Value of private scholarships
210	Q81	Value of public scholarships
211 to 218		Not used from 1981
219	Q64	Season ticket - tube, rail or mixed tube/rail
220		Not used from 1981
221	Q52	Gas - last payment under Board Budgeting Scheme
222	Q52	Electricity - last payment under Board Budgeting Scheme
223	Q54	Gas - amount shown on last account
224	Q54	Electricity - amount shown on last account
225 to 228		Not used from 1981
229	Q45	Medical insurance
230	Q21	Partial rent rebate/rent allowance/housing benefit
231		Water rate poundage
232		Sewerage rate poundage
233		Environmental service charge poundage
234		Standing charge on water rates
235		Standing charge on sewerage rates
236		Not used from 1982
237		Not used from 1981
238		Not used from 1981
239	Q72/73	Hire purchase - cash price
240		Not used
241	Q72/73	Hire purchase - part exchange allowance
242	Q72/73	Hire purchase - down payment
243	Q72/73	Hire purchase - original agreed instalment
244	Q60	Outright purchases - new cars
245	Q60	Outright purchases - second-hand cars
246		Not used from 1982
247	Q60	Outright purchases - new and second-hand motor cycles
248 to 253		Not used from 1983
254		Not used from 1979
255	Q64	Season tickets mixed - rail/bus (not tube)
256		Not used from 1983
257		Not used from 1983
258		Not used from 1981
259	Q78	School milk - imputed value
260	Q79	School meals - cost
261		Not used from 1981
262*		Income of Chief Economic Supporter
263	Q78	NMS liquid milk - imputed
264*		Age of Chief Economic Supporter (£1 = 10 years)
265		Not used from 1982
266		Not used

Items from Household Schedule (Schedule A)

Code	Question Number	Item
267		Imputed costs for certain business expense cases
268		Not used from 1983
269		Not used from 1979
PAYMENTS BY BANKERS STANDING ORDER:		
270	Q76	AA/RAC subscriptions
271	Q76	Subs to golf clubs, sports clubs etc
272		Not used in 1984
273	Q76	Subs to TUs, professional organisations
274	Q76	Subs to magazines, periodicals
275	Q76	Other subscriptions
276	Q76	Savings
277		Not used from 1978
278	Q76	Cash gifts
279	Q76	Charitable gifts
280	Q76	Other payments by Bankers Order (except Fuel oil)
281	Q76	Fuel oil other than for central heating
282 to 299		Not used

Items from Income Schedule (Schedule B)

Code	Question Number	Item
300,	301	Not used
	302	Q5 Gross earned income before retirement
	303	Q11 Last net wage/salary - main occupation
	304	Q13 PAYE Income tax refund - main occupation
	305	Q14 PAYE Income tax deduction - main occupation
	306	Q15 NI contribution deducted from pay - main occupation
	307	Q36 Net loss from self-employment
	308	Not used from 1983
	309	Q32 Last net wage/salary - subsidiary occupation
	310	Q34 Tax deducted from last net wage/salary - subsidiary occupation
	311	Q34 NI contribution deducted from pay - subsidiary occupation
	312	Q24 Occasional additions to pay - bonuses etc (gross)
	313	Q36 Self-employment income if period covered is less than 12 months
	314	Not used from 1983
	315	Q23 Normal (gross) wage or salary, if different from last - main occupation only
	316	Q30 Value of luncheon vouchers used in last 7 days
	317	Not used from 1983
	318	Q16 Superannuation contributions deducted from pay - main occupation
	319	Q34 Superannuation conts and other deductions from pay - subsidiary occupation
	320	Q30 Value of free meals and food from employer in last 7 days
	321	Q81 Concessionary coal and coke - cost
	322	Q81 Concessionary coal and coke - imputed value
	323	Not used from 1982
	324	Not used from 1982
	325	Q56 Industrial injury disablement pension - last payment
	326	Q36 Self-employment income
	327	Q36 Value of self-supply goods
	328	Q36 Income from second self-employment
	329	Q23 Normal (net) wage or salary, if different from last - main occupation only
	330	Q24 Occasional additions to pay - bonuses etc (net)
	331	Not used in 1984
	332	Not used in 1984
	333	Q73 Interest on National Savings Bank Investment Account
	334	Q88 Money sent abroad to private individual and charity
	335	Not used from 1983
	336	Q43 NI contributions for self-employed and non-employed
	337	Q44 Family allowance; children's interim payment; child's benefit - current rate
	338	Q45 NI Retirement, old person's pension - current rate
	339	Q46 NI widow's benefits - current rate
	340	Q47 War disability pension and allowances - current rate
	341	Q60 Maternity allowance - last payment

Items from Income Schedule (Schedule B)

Code	Question Number	Item
342	Q68	Current pension from public sector - last net payment
343	Q68	Current pension from public sector - amount of tax deducted
344	Q68/69	Current pension from private sector or TU - last net payment
345	Q68	Current pension from private sector - amount of tax deducted
346	Q70/71	Current annuity, trust/covenant/last net payment
347	Q70/71	Current annuity, trust/covenant/amount of tax deducted
348		Not used in 1984
349		Not used in 1984
350		Not used from 1983
351		Not used from 1981
352	Q77	Allowances from friends, relatives, members of Armed Forces or Merchant Navy; alimony; separation allowances; allowances for foster children
353		Not used from 1982
354		Not used from 1982
355		Not used from 1983
356	Q66	Amount of redundancy pay received in last 12 months
357	Q66	Redundancy pay averaged over years of reckonable service
358		Not used from 1980
359		Not used from 1980
360	Q76	Income from property
361		Spender or child under 16 difference between annual value of education grant (Codes 209 & 210) and amount received in cash (Code 207)
362	Q57	NI Unemployment benefit - last payment
363	Q52	NI Sickness benefit/NI Industrial Injuries benefit - last payment
364		Not used from 1982
365	Q59	Supplementary benefit - last payment
366	Q67	Benefits from TUs, Friendly Societies etc - last payment
367	Q64	Other State benefits - last payment
368	Q58	Family Income Supplement - last payment
369	Q53	Contributory invalidity pension and allowance - last payment
370	Q25	Amount of tax relief claimed for employment expenses
371	Q73	Interest on Trustee Savings Bank deposits
372		Not used from 1979
373	Q73	Interest on National Savings Bank Ordinary Savings Account
374	Q73	Interest on other savings or bank deposits
375	Q75	Not used from 1983
376	Q73	Interest on Building Society shares and deposits
377		Not used from 1981

Items from Income Schedule (Schedule B)

Code	Question Number	Item
378	Q75	Interest on stocks, shares, bonds, debentures, unit trust LA securities etc
379		Not used from 1979
380	Q8	Net usual pay before becoming sick or unoccupied
381	Q84	Other earned income from odd jobs, occasional fees etc
382	Q55	TOPS, YOPS allowance - last payment
383	Q83	Earnings as mail order agent, baby sitter
384		Other unearned income
385	Q78	Married man's/women's allowance from absent wife/husband
386	Q87	NI contributions paid direct
387	Q85	Tax paid direct to Inland Revenue - income tax
388	Q51	Statutory Sick Pay - last gross payment
389		Although this code will appear on some 1984 schedules at Q51 it will not be coded
390	Q86	Income tax refund - other than PAYE
391	Q86	Income tax refund deleted (from Code 390)
392		Income from scholarships - spender or child under 16
393		Not used from 1981
394	Q65	Lump sum Christmas bonus to pensioners
395		Not used in 1984
396	Q89	Other income of child under 16
397	Q89	Expenditure by child under 16
398		Not used from 1982
399		Not used
400		Not used from 1982
401		Not used in 1984
402		Not used from 1982
403		Not used from 1982
404		Not used from 1982
405		Not used from 1979
406	Q61	NI Maternity grant
407	Q63	NI Death grant
408	Q75	Interest on British Savings Bond, War Loan
409		Not used from 1982
410		Not used from 1982
411		Not used from 1981
412		Not used from 1981
413		Not used from 1982
414		Not used from 1982
415		Not used in 1984
416		Not used from 1982
417	Q48	Mobility allowance
418	Q49	Non-contributory and housewives non-contributory invalidity pension
419		Not used from 1983
420		Not used from 1983
421	Q50	Attendance allowance

Items from Income Schedule (Schedule B)

Code	Question Number	Item
		DEDUCTIONS FROM PAY: MAIN OCCUPATION
422	Q16	Participant sports and specialised pastimes
423		Not used in 1984
424	Q16	Subscriptions to Tus, Professional Associations etc
425	Q16	Other subscriptions
426	Q16	Charitable gifts
427	Q16	Miscellaneous expenditure on services
428	Q16	Cash gifts not allocated elsewhere
429	Q16	All other codes not specified above

FAMILY EXPENDITURE SURVEY 1984

LIST OF PRODUCT CODES

Notes

1. Unless stated otherwise, product codes are formed for positive results only.
2. For product codes having values in sterling, results are recorded on tape in tenths of pence. Therefore when multiplying together two monetary values (eg codes 211P to 216P) it is necessary to divide the product by 100 to keep the results in tenths of pence.
3. For product codes having numerical values, results are multiplied by 10 when recorded on tape (eg product codes having a value of one are recorded on tape with a value of 10; age of head 25 is recorded as 250).
4. Codes 001P to 199P are calculated for each person. Codes 200P and above are calculated for each household.
5. Items from the diary record books, aggregated over the 14 days of record keeping, are shown in this list as 4-digit code numbers ending in zero. These codes are recorded on tape with a number in the fourth position to indicate the week. An explanation of the suffix letters used with these codes is given in Appendix 6.
6. Unless stated otherwise (eg codes 251P to 256P) all monetary values appear as weekly equivalents. Rateable values (codes 071 to 076) appear on the household schedule as annual values but are recorded on tape as weekly equivalents; rate poundages (codes 081 to 086) appear on both the schedule and tape as weekly values.

FAMILY EXPENDITURE SURVEY 1984

LIST OF PRODUCT CODES

Unless stated otherwise, product codes are formed for positive answers only.

Code	Description
Personal Product Codes (calculated for each individual)	
001P	Take home pay, less tax refund, last time paid (main employment):- Code 303 minus code 304. If code A234 is not coded, code 380
002P	Take home pay, less tax refund, last week/month (main employment):- If code A250 has a value of 1, code 001P.
003P	Gross wage/salary last time paid (main employment):- Sum of codes 001P, 305, 306, 318, 422, 424 to 429.
004P	Gross wage/salary last week/month (main employment):- If code A 250 has a value of 1, code 003P.
005P	Gross wage/salary last time paid (main employment), 13 week rule applied:- If code A208 is not coded or has a value of less than 14, or code A 209 has a value of 1 or 2, code 003P.
006P	Normal take home pay (actual pay for persons working less than 8 hours per week):- If code 329 is coded, sum of codes 329 or 330; if code 329 is not coded, sum of codes 001P and 330.
007P	Normal gross wage/salary:- Sum of codes 006P, 305, 306, 312, 318, 422, 424 to 429 minus code 330.
008P	Normal gross wage/salary, 13 week rule applied:- If code A208 is not coded or has a value of less than 14, or code A 209 has a value of 1 or 2, code 007P.
009P	Current contributory invalidity pension/allowance:- If code A 259 is present, code 369.
010P	Current TOPS/YOPS allowance:- If code A 273 is present, code 382.
011P	Not used in 1984.
012P	Take home pay last week/month (subsidiary employment):- If code A 255 is present, code 309.

Code	Description
013P	Current Family Income Supplement:- If code A 257 is present, code 368.
014P	Gross wage/salary last week/month (subsidiary employment):- If code A 255 is present, sum of codes 309, 310, 311, 319.
015P	Gross wage/salary last time paid (subsidiary employment):- Sum of codes 309, 310, 311, 319.
016P	Current industrial injury disablement pension:- If code A 238 is present, code 325.
017P	Male child aged under 18:- If sex is male, if age is less than 18, if marital status is 3 or 4 (single), the product code has a value of 1.
018P	Female child aged under 18:- If sex is female, if age is less than 18, if marital status is 3 or 4 (single), the product code has a value of 1.
019P	Male adult:- If sex is male, if 017P is not coded, the product code has a value of 1.
020P	Not used in 1984.
021P	Person working (new definition as from 1982):- If code A 201 has a value from 1 to 4, code A 210 is coded and code A 208 has a value of less than 53, the product code has a value of 1, unless code A 201 has a value of 2, code 326 has a value of less than £4.00 and code A 203 has a value of 20 or 22.
022P	Current unemployment benefit:- If code A 223 is present, code 362.
023P	Current sickness/industrial injury benefit:- If code A 225 is present, code 363.
024P	Female adult:- If sex is female, if code 018P is not coded, the product code has a value of 1.
025P	Current Supplementary allowance:- If code A 229 is present, code 365.
026P	Current TU sick/strike pay, Friendly Society benefits etc, included in income calculation:- If code 008P is not coded, if code A 231 is present, code 366.
027P	Current Other Social Security benefits:- If code A 233 is present, code 367.

Code	Description
028P	Social Security benefits concurrent with earnings:- If code A 250 has a value of 1, and either code A 208 is not coded or code A 209 has a value of 1 or 2, sum of codes 009P, 022P, 023P, 025P.
029P	NI contributions paid by non-employees:- Sum of codes 336 and 386, minus sum of codes 306 and 311.
030P	Social Security and other benefits excluded from income calculation by operation of 13 week rule:- If code 008P is coded, sum of codes 009P, 010P, 022P, 023P, 025P minus 028P, plus, if code A 231 is present, code 366, plus, if code A 240 is present, code 341.
031P	Social Security benefits included in income calculation:- Sum of codes 013P, 016P, 027P, 028P, 337, 338, 339, 340, 394, 417, 418, 421 plus if code 008P is not coded, codes 009P, 010P, 022P, 023P, 025P, plus, if code A 240 is coded, code 341.
032P	Current maternity allowance:- If code A 240 is present, code 341.
033P	Social Security Retirement, Old Age, Widows pensions:- Sum of codes 338 and 339.
034P	Industrial injury disablement pension; family allowance/child benefit; war disability pension; lump sum Christmas bonus to pensioners; mobility allowance; non-contributory invalidity pension; attendance allowance; sum of codes 016P, 337, 340, 394, 417, 418, 421.
035P	Retired and of minimum NI pension age:- If code A 201 has a value of 6 and sex is male and age greater than 64, or sex is female and age greater than 59, the product code has a value of 1.
036P	Unoccupied and of minimum NI pension age:- If code 021P is not coded and code A 201 is not coded value 6, and sex is male and age greater than 64, or sex is female and age greater than 59, the product code has a value of 1.
037P	Income from subsidiary self-employment:- If code A 214 is coded and code A 201 has a value of 1, 3 or 4, sum of codes 326 and 328. If code A 214 is coded and code A 201 has a value of 2, code 328.

Code	Description
038P	Head seeking work not previously employed:- If code A 001 has a value of 1, if code A 201 has a value of 3 or 4, if code A 210 is not coded, the product code has a value of 1.
039P	Not used in 1984.
040P	Public sector pension from own employment (gross):- If code A 236 has a value of 3, sum of codes 342 and 343.
041P	Public sector pension from spouse's employment (gross):- If code A 236 has a value of 4, sum of codes 342 and 343.
042P	Private sector pension from own employment (gross):- If code A 237 has a value of 3, sum of codes 344 and 345.
043P	Private sector pension from spouse's employment (gross):- If code A 237 has a value of 4, sum of codes 344 and 345.
044P	Tax on interest/dividends from stocks, shares, LA securities etc:- Code 378 multiplied by factor 0.4286.
045P	Self-supply goods:- Code 327.
046P	Tax on interest from Building Society shares and deposits:- Code 376 multiplied by 0.2658.
047P	Income from self-employment (main or only occupation):- If code A 201 has a value of 2, sum of codes 326, 328, minus code 037P.
048P	Income from investments:- Sum of codes 044P, 046P, 333, 360, 371, 373, 374, 376, 378, 384, 408.
049P	Income from pensions, annuities:- Sum of codes 342, 343, 344, 345, 346, 347.
050P	Income from other sources:- Sum of codes 026P, 316, 352, 381, 385, 392, 395, minus codes 361, plus, if code A 275 is coded, code 383.
051P	Total personal gross income (normal):- Sum of codes 008P, 015P, 031P, 037P, 047P, 048P, 049P, 050P.
052P	Person seeking work, not previously employed:- If code A 201 has a value of 3 or 4, if code A 210 is not coded, the product code has a value of 100 for males, 200 for females.

Code	Description
053P	Total personal gross income (current):- Sum of codes 004P, 015P, 030P, 031P, 037P, 047P, 048P, 049P, 050P plus, if code A279 is present, code 388.
054P	Subsidiary job held:- If either code A 212 or code A 214 is coded, the product code has a value of 1.
	Betting, payments less winnings (negative answers acceptable):-
055P	Football pools - code 8110 minus code 8210
056P	Bookmaker - code 8120 minus code 8220
057P	Lotteries - code 8130 minus code 8230
058P	Other betting - code 8140 minus code 8240
059P	Age of housewife:- If code A 003 is coded, code A 005.
	Pensioner income:-
060P	a. If sex is male, if age is greater than 59 but less than 65, sum of codes 016P and 340, 394 plus, if either code 016P or code 340 is coded and code 008P is not coded, code 025P.
061P	b. If sex is female and age is greater than 59, or if sex is male and age is greater than 64, sum of codes 016P, 028P, 338, 339, 340, 394, 417, 418, 421.
062P	c. If code 008P is not coded, if sex is female and age is greater than 59, or if sex is male and age is greater than 64, sum of codes 022P, 023P, 025P, 009P.
	Components of normal gross wage/salary, 13 week rule applied
063P	NI employees contribution:- Code 311, plus, if code 008P is coded, code 306.
064P	(Check code for use within DE).
065P	PAYE tax deduction:- Code 310, plus, if code 008P is coded, code 305.
066P	PAYE tax refund:- If code A 208 is not coded, or has a value of less than 14, or code A 209 has a value of 1 or 2, code 304.
067P	Income tax, payments less refunds, 13 week rule applied (negatives acceptable):- Sum of codes 044P, 046P, 065P, 343, 345, 347, 387, minus sum of codes 066P, 390.

Code	Description
068P	TV slot meter payments:- Code 7680.
069P	Gas slot meter payments:- Code 2540.
070P	Electricity slot meter payments:- Code 2550.
071P	Current superannuation contributions:- If either code A 250 or code A 255 is coded, sum of codes 318, 319.
072P	Male, single, aged 16 to 18:- If code 017P is coded and code A 005 is greater than 15, the product code has a value of 1.
073P	Female, single aged 16 to 18:- If code 018P is coded and code A 005 is greater than 15, the product code has a value of 1.
074P	Not used in 1984.
075P	Current NI employees contribution:- If either code A250 or code A 255 is coded, sum of codes 306 and 311.
076P	Not used in 1984.
077P	Current PAYE tax deduction:- If either code A 250 or code A 255 is coded, sum of codes 305 and 310.
078P	Current PAYE tax refund:- If code A 250 is coded, code 304.
079P	Income tax payments less refunds (negative answers acceptable):- Sum of codes 044P, 046P, 077P, 343, 345, 347, 387, minus sum of codes 078P, 390. Product Codes for Head of Household (calculated for persons where code A 001 has a value of 1)
080P	Normal gross wage/salary (13 week rule applied):- Code 008P
081P	Head of household unemployed:- If code A 201 has a value of 3, the product code has a value of 1.

Code	Description
082P	Gross wage/salary last week/month (subsidiary employment):- Code 014P.
083P	Gross wage/salary last time paid (subsidiary employment):- Code 015P.
084P	Head of household economically active:- Code 021P.
085P	Self-employment income:- Sum of codes 037P and 047P.
086P	Income from investments:- Code 048P.
087P	Income from pensions, annuities:- Code 049P.
088P	Social Security retirement, Old Age, Widows pensions:- Code 033P.
089P	Other Social Security benefits:- Code 031P minus code 033P.
090P	Income from other sources:- Code 050P.
091P	Total personal gross income (normal):- Code 051P.
092P	Occupation of head:- Code A 210.
093P	Total personal gross income (current):- Code 053P.
094P	Age of head of household:- Code A 005.
095P	Income in kind from Schedule B:- Sum of codes 320, 322, 327.
096P	Head of household retired and of minimum NI pension age:- Code 035P.
097P	Head of household unoccupied and of minimum NI pension age:- Code 036P.
098P	Male head of household:- If Code A 004 has a value of 1, the product code has a value of 1.

Code	Description
099P	Sex of spouse of head of household:- If code A 002 has a value of 1, code A 004. Product Codes for Wife of Head of Household (calculated for persons where relationship (code A 002) has a value of 1 and sex (code A 004) has a value of 2)
100P	Normal gross wage/salary (13 week rule applied):- Code 008P.
101P	Wife of head unemployed:- If code A 201 has a value of 3, the product code has a value of 1.
102P	Gross wage/salary last week/month (subsidiary employment):- Code 014P.
103P	Gross wage/salary last time paid (subsidiary employment):- Code 015P.
104P	Wife of head economically active:- Code 021P.
105P	Self-employment income:- Sum of codes 037P and 047P.
106P	Income from investments:- Code 048P.
107P	Income from pensions, annuities:- Code 049P.
108P	Social Security Retirement, Old Age, Widows pensions:- Code 033P.
109P	Other Social Security benefits:- Code 031P minus code 033P.
110P	Income from other sources:- Code 050P.
111P	Total personal gross income (normal):- Code 051P.
*112P	Person with company provided car:- If code A285 has a value of 1 or 2, the product code has a value of 1.
*	Code 112P applies to all persons, it is not restricted to Wife of Head of Household.

Code	Description
113P	Total personal gross income (current):- Code 053P.
114P	Age of wife of head:- Code A 005.
115P	Income in kind from Schedule B:- Sum of codes 320, 322, 327.
Personal Expenditure items from record books and Schedule B	
116P	Housing:- Sum of codes 2240, 2310 to 2360, 2390, 7850.
117P	Fuel, light, power:- Sum of codes 321, 2250, 2260, 2400 to 2610.
118P	Food:- Sum of codes 1010 to 1990, 8400 to 8570.
119P	Alcoholic Drink:- Sum of codes 2800 to 2990.
120P	Tobacco:- Sum of codes 2110 to 2130.
121P	Clothing and Footwear:- Sum of codes 3010, 3030 to 3210, 3230 to 3490.
122P	Durable Household Goods:- Sum of codes 4010 to 4200, 4220 to 4360, 6010, 6030, 6040, 7840, 7860.
123P	Other Goods:- Sum of codes 6110 to 6480, 7210 to 7490.
124P	Transport and Vehicles:- Sum of codes 5010 to 5590.
125P	Services:- Sum of codes 334, 2270 to 2290, 4210, 7510 to 7710, 7730, 7750, 7810, 7820, 7880 to 7930, 7960 to 7990, 8020, plus, if code A250 is coded, sum of codes 422, 424 to 428.
126P	Miscellaneous:- Sum of codes 397, 7500, 8010.
127P	Total personal expenditure:- Sum of codes 116P to 126P.
128P	Other payments (negative answers acceptable):- Sum of codes 029P, 055P to 058P, 071P, 075P, 079P, 2160 to 2230 8030.

Code Description

129P Expenditure on permanent second dwelling:-
Sum of codes 2250 to 2290.

CSO Personal Product Codes

130P Unemployment benefit, TOPS/YOPS allowance averaged over number of weeks received:-
Code 362, multiplied by code A 222, divided by 52, plus code 382, multiplied by code A 249, divided by 52.

131P Sickness/Industrial Injury benefit, averaged over number of weeks received:-
Code 363, multiplied by code A 224, divided by 52.

132P Superannuation contributions averaged over number of weeks at work in last 12 months:-
Sum of codes 318, 319, multiplied by (52 minus sum of codes A 222, A 224, A 249, A 258) divided by 52.

133P Invalidity pension averaged over number of weeks received:-
Code 369, multiplied by code A 258, divided by 52.

134P Family Income Supplement, averaged over number of weeks received:-
Code 368, multiplied by code A 256, divided by 52.

135P Industrial Injury disablement benefit averaged over number of weeks received:-
Code 325, multiplied by code A 205, divided by 52.

136P "Usual" weekly employer's contribution to Nat Insurance (main and subsidiary employment):-
Sum of codes 306 and 311, multiplied by 1.87.

137P TU/Friendly Society benefits, averaged over number of weeks received:-
Code 366, multiplied by code A 230, divided by 52.

138P Maternity allowance averaged over number of weeks received:-
Code 341 multiplied by code A 239 divided by 52.

Abatement from employment income

139P PAYE tax deduction (main and subsidiary employment):-
Sum of codes 305 and 310, multiplied by sum of codes A 222, A 224, A 249, A 258, divided by 52.

140P NI contribution (main and subsidiary employment):-
Sum of codes 306 and 311, multiplied by sum of codes A 222, A 224, A 249, A 258, divided by 52.

Code	Description
141P	Normal take-home pay, including net bonus (main and subsidiary employment):- Sum of codes 006P and 309, multiplied by sum of codes A 222, A 224, A 249, A 258 divided by 52.
142P	Other deductions from pay (main and subsidiary employment):- Sum of codes 422 to 429, multiplied by sum of codes A 222, A 224, A 249, A 258, divided by 52.
143P	Meal vouchers:- Code 316 multiplied by sum of codes A 222, A 224, A 249, A 258, divided by 52.
144P	NOT USED IN 1984
145P	NOT USED IN 1984

Personal expenditure on house repairs/maintenance

146P	Payments to contractors = code 2240, 7850.
147P	Paint and distemper = code 2310.
148P	Wallpaper = code 2320.
149P	Timber and hardboard = code 2330.
150P	Other materials = code 2340.
151P	Fittings = code 2350.
152P	Tools = code 2360.
153P	Composite purchases of materials = code 2390.
154P)
)
155P)
)
156P)
	) Check codes for use within DE
157P)
)
158P)
)
159P)
)

Code	Description
160P	Current supplementary benefit received by head or wife of family unit No. 1:- If code A 008 has a value of 1, if code A 009 has a value of 1 or 2, code 025P.
161P	Economic activity of head of household:- If code A 001 has a value of 1, code A 201.
162P	Pensioner Income (CSO):- If age (code A 005) is greater than 59, if code A 201 has a value of more than 4 (ie retired/unoccupied), code 051P.
Personal Components of Net Household Income	
163P	Imputed income from Schedule B:- Sum of codes 320, 322, 327.
164P	Income from Schedule B:- Sum of codes 006P, 025P, 027P, 130P to 135P, 137P, 138P, 304, 309, 316, 326, 328, 333, 337 to 340, 342, 344, 346, 352, 357, 360, 371, 373, 374, 376, 378, 381, 383 to 385, 390, 394, 396, 406 to 408, 417, 418, 421, 422, 424 TO 429 minus the sum of codes 029P, 141P to 143P, 387.
165P	Normal hourly earnings (main employment):- Code 008P divided by code A220.
Personal Components of Original Household Income	
166P	Income from Schedule B:- Sum of codes 006P, 044P, 046P, 132P, 137P, 305, 306, 309 TO 312, 316, 326, 328, 333, 342 to 347, 352, 360, 371, 373, 374, 376, 378, 381, 383 to 385, 396, 408, 422, 424 to 429 minus the sum of codes 139P to 143P, 330.
167P	Cash benefits from Schedule B:- Sum of codes 025P, 027P, 130P, 131P, 133P, 134P, 135P, 138P, 337 to 340, 357, 394, 406, 407, 417, 418, 421.
168P	Person aged 80 or over working or seeking work:- If code A 201 has a value of 1 to 4 and code A 005 is greater than 79, the product code has a value of 1.
169P	Current earnings from work as a mail order agent and/or baby sitter:- If code A275 is present, code 383.
170P	Tax Unit income from Schedule B:- Sum of codes 006P, 044P, 046P, 305, 306, 309 to 312, 326, 328, 333, 338, 339, 342 to 347, 360, 371, 373, 374, 376, 378, 381, 384, 396, 408, 422, 424 to 429, minus the sum of codes 139P to 142P, 330.

Code	Description
171P	Earned income before retirement:- If code A 206 has a value of 1, but less than 52, if code A 201 has a value of 6, 52 minus code A 206, divided by 52, multiplied by code 302.
172P	DE Check code.
173P	Current Statutory Sick Pay:- If code A279 is present, code 388.
174P	Consumers expenditure (personal expenditure from record books and Schedule B):- Sum of codes 071P, 127P.
175P	Social Security benefits received by employees away from work without pay more than 2 weeks:- If code A 208 has a value of more than 2, and code A 209 is not coded or has a value of 3, sum of codes 009P, 010P, 022P, 023P, 025P, 032P, 173P.
176P	Total personal gross income (2 week rule):- Sum of codes 013P, 016P, 027P, 028P, 033P, 034P, 037P, 047P to 050P, 175P, if code A 208 is not coded or has a value of less than 3, or code A 209 has a value of 1 or 2, plus codes 007P and 015P.
177P	Personal gross income, less tax and NI conts (negative answers acceptable):- Code 051P minus sum of codes 029P, 075P, 079P.
178P	Person unemployed:- If code A 201 has a value of 3, the product code has a value of 1.
179P	Scholarship income from Schedule B:- Sum of codes 392, minus code 361.

Deductions from Pay, if Current

180P	Participant sports and specialised pastimes:- If code A250 is coded, code 422.
181P	Not used in 1984.
182P	Subscriptions to TUs, Professional Associations etc:- If code A250 is coded, code 424.

Code	Description
183P	Other subscriptions:- If code A250 is coded, code 425.
184P	Charitable gifts:- If code A250 is coded, code 426.
185P	Miscellaneous expenditure on services:- If code A250 is coded, code 427.
186P	Cash gifts not allocated elsewhere:- If code A250 is coded, code 428.
187P	All other codes not specified above:- If code A250 is coded, code 429.
188P	Normal gross wage/salary of employees at work:- If code 004P is coded, code 007P.
189P	Total personal gross income (current) using normal wage/salary of employees at work:- Sum of codes 015P, 030P, 031P, 037P, 047P, 048P, 049P, 050P, 188P.
190P	Tax Unit identifier:- If code A 009 has a value of 1 or if code A 006 has a value of 2 and code A 009 has a value of 2, the product code has a value of 100.

Inland Revenue Income
Income assessable to tax

191P	Head of Tax Unit:- If code A 009 has a value of 1, sum of codes 004P, 014P, 022P, 027P, 037P, 044P, 046P, 047P, 169P, 173P, 333, 338, 339, 342 to 347, 352, 360, 371, 373, 374, 376, 378, 381, 384, 385, 408, minus code 071P, plus if code A201 has a value of 3, code 025P.
192P	CHECK CODE.
193P	Wife of Head of Unit:- If code A 009 has a value of 2, sum of codes 004P, 014P, 022P, 027P, 037P, 044P, 046P, 047P, 169P, 173P, 333, 338, 339, 342 to 347, 352, 360, 371, 373, 374, 376, 378, 384, 385, 408, minus code 071P, plus if code A201 has a value of 3, code 025P.
194P	Other members of Unit:- If code A 009 has a value of 3, sum of codes 004P, 014P, 022P, 027P, 037P, 044P, 046P, 047P, 169P, 173P, 333, 338, 339, 342 to 347, 352, 360, 371, 373, 374, 376, 378, 384, 385, 408, minus code 071P, plus if code A201 has a value of 3, code 025P.

Code

Description

Income not assessable to tax

- 195P Head of Tax Unit:-
If code A 009 has a value of 1, sum of codes 009P, to 013P, 016P, 023P, 025P, 026P, 032P, 071P, 179P, 337, 340, 356, 394, 396, 417, 418, 421, and, if code A201 has a value of 3, minus code 025P.
- 196P Wife of Head of Unit:-
If code A 009 has a value of 2, sum of codes 009P, to 013P, 016P, 023P, 025P, 026P, 032P, 071P, 179P, 337, 340, 356, 381, 394, 396, 417, 418, 421, and, if code A201 has a value of 3, minus code 025P.
- 197P Other members of Unit:-
If code A 009 has a value of 3, sum of codes 009P, to 013P, 016P, 023P, 025P, 026P, 032P, 071P, 179P, 337, 340, 356, 381, 394, 396, 417, 418, 421, and, if code A201 has a value of 3, minus code 025P.
- 198P DE check code.
- 199P Normal gross weekly earnings of employees, main and subsidiary occupation:-
Sum of codes 007P, 015P.
- Household Product Codes (calculated for
each household)
- 200P Number of rooms occupied (DE basis):-
Code A 112 divided by 2, plus code A 111.
- 201P Number of rooms occupied (CSO basis):-
Code A 112 divided by 2, plus codes A 111 and A 115.
- 202P Total number of rooms (CSO basis):-
Sum of codes A 114 and A 115.
- 203P Current Supplementary Benefit received by head or wife of head of household:-
Code 160P
- 204P Housing Benefits for Certificated Claimants:-
If codes 203P, sum of codes 041 to 047, 174, 230. If code A173 is present, minus code 041 to 047.

Code	Description
	Calculated rates:-
	Rates rebate:-
205P	Tenure type 1 = If code A 120 has a value of 1, sum of codes 041 and 047.
206P	Tenure type 2 = If code A 120 has a value of 2, sum of codes 042 and 047.
207P	Tenure type 3 = If code A 120 has a value of 3, sum of codes 043 and 047.
208P	Tenure type 4 = If code A 120 has a value of 4, sum of codes 044 and 047.
209P	Tenure type 5 = If code A 120 has a value of 5, sum of codes 045 and 047.
210P	Tenure type 6 = If code A 120 has a value of 6, sum of codes 046 and 047.
211P	Tenure type 1 = Code 071 Multiplied by code 081 divided by 100.
212P	Tenure type 2 = Code 072 " " code 082 " "
213P	Tenure type 3 = Code 073 " " code 083 " "
214P	Tenure type 4 = Code 074 " " code 084 " "
215P	Tenure type 5 = Code 075 " " code 085 " "
216P	Tenure type 6 = Code 076 " " code 086 " "
	Constants for adjusted rateable values:-
217P	Constant S (Northern Ireland). If code A 098 has a value greater than 11, the product code has a value of 4740 (1 st quarter) 4793 (2 nd quarter) 5131 (3 rd quarter) 5148 (4 th quarter)
218P	Constant T (Scotland). If code A 098 has a value of 11, the product code has a value of 1709 (1 st quarter) 1720 (2 nd quarter) 1794 (3 rd quarter) 1798 (4 th quarter)
219P	Constant U (England and Wales). If code A 098 has a value of less than 11, the product code has a value of 4101 (1 st quarter) 4128 (2 nd quarter) 4296 (3 rd quarter) 4304 (4 th quarter)
220P	Housing Benefit/Rent Rebate or Allowance/Rate Rebate:- Sum of codes 041 to 047, 174, 230. If A173 is present minus code 041 to 047.

Code Description

Calculated rates, less rates rebate:-

221P Tenure type 1 = Code 211P minus code 205P
222P Tenure type 2 = Code 212P " " 206P
223P Tenure type 3 = Code 213P " " 207P
224P Tenure type 4 = Code 214P " " 208P
225P Tenure type 5 = Code 215P " " 209P
226P Tenure type 6 = Code 216P " " 210P

Housing Benefit/Rent Rebate or Allowance/Rate Rebate

227P Tenure type 1 = If code A120 has a value of 1, code 220P
228P Tenure type 2 = If code A120 has a value of 2, code 220P
229P Tenure type 3 = If code A120 has a value of 3, code 220P
230P Tenure type 4 = If code A120 has a value of 4, code 220P
231P Tenure type 5 = If code A120 has a value of 5, code 220P
232P Tenure type 6 = If code A120 has a value of 6, code 220P

100% Housing Benefit:-

233P Tenure type 1 = If code A 120 has a value of 1, code 174.
234P Tenure type 2 = If code A 120 has a value of 2, code 174.
235P Tenure type 3 = If code A 120 has a value of 3, code 174.

Partial Housing Benefit

236P Tenure type 1 = If code A120 has a value of 1, code 230
237P Tenure type 2 = If code A120 has a value of 2, code 230
238P Tenure type 3 = If code A120 has a value of 3, code 230

Owner-occupiers rateable value:-

239P Tenure type 4 = Code 074 divided by code 200P multiplied by
code A 114.
240P Tenure type 5 = Code 075 divided by code 200P multiplied by
code A 114.

Code	Description
	Gross value (weekly values)
241P	Tenure type 1 = <ul style="list-style-type: none"> a. RV less than £37 pa Code 071 multiplied by 1.82 b. RV £37 but less than £81 pa Code 071 multiplied by 1.43, plus 26 c. RV £81 but less than £238 pa Code 071 multiplied by 1.20, plus 61 d. V £238 " " " £248 pa Code 071 plus 154 e. RV £248 " " " £331 pa Code 071 multiplied by 1.25, plus 33.7 f. RV £331 and over Code 071 multiplied by 1.20, plus 65.4
242P	Tenure type 2 = Formula as for code 241P, but using code 072.
243P	Tenure type 3 = Formula as for code 241P, but using code 073.
244P	Tenure type 4 = Formula as for code 241P, but using code 074.
245P	Tenure type 5 = Formula as for code 241P, but using code 075.
246P	Tenure type 6 = Formula as for code 241P, but using code 076.
247P	Motor vehicle tax, less refunds (negative answers acceptable):- Code 187, minus code 179.
248P	TV Slot meter payments, less rebates (negative answers acceptable):- Code 068P minus code 194.
249P	Gas, slot meter payments less rebates (negative answers acceptable):- Code 069P minus code 173.
250P	Electricity, slot meter payments less rebates (negative answers acceptable):- Code 070P minus code 178.
	Gross value (per annum):-
251P	Tenure type 1 = Code 241P multiplied by 52.
252P	Tenure type 2 = Code 242P " "
253P	Tenure type 3 = Code 243P " "
254P	Tenure type 4 = Code 244P " "
255P	Tenure type 5 = Code 245P " "
256P	Tenure type 6 = Code 246P " "
	Gross rent, (including rates if not paid separately):-
257P	Tenure type 1 = If code A120 has a value of 1, sum of codes 011, 021, 174, 230.
258P	Tenure type 2 = If code A120 has a value of 2, sum of codes 012, 022, 174, 230.
259P	Tenure type 3 = If code A120 has a value of 3, sum of codes 013, 023, 174, 230.
260P	Not used in 1983

Code	Description
261P	Number of persons in Household with company provided car(s):- Code 112P.
262P	Household with company provided car(s) and privately owned car(s):- If code 261P is present and code A149 is present, the product code has a value of 1.
263P)	
264P)	
265P)	NOT USED
266P)	
	Adjusted rateable value:-
267P	Tenure type 4 = Code 239P, multiplied by sum of codes 217P, 218P, 219P, divided by 1,000.
268P	Tenure type 5 = Code 240P, multiplied by sum of codes 217P, 218P, 219P, divided by 1,000.
269P	Tenure type 6 = Code 076, multiplied by sum of codes 217P, 218P, 219P, divided by 1,000.
270P	NOT USED.
	Calculated rent/water charges
271P	Tenure type 1 = Sum of codes 011, 021, 031, 051, 227P, minus code 211P.
272P	Tenure type 2 = Sum of codes 012, 022, 032, 052, 228P minus code 212P.
273P	Tenure type 3 = Sum of codes 013, 023, 033, 053, 229P minus code 213P.
274P	Not used from 1981.
275P	Not used from 1981.
276P	NOT USED.
277P	Income from owner-occupation:- Sum of codes 267P, 268P, 269P.
278P	Not used from 1981.
279P)	
280P)	NOT USED.

Code Description

Net Housing Costs (including certificated rent and rates rebates and allowances):-

281P Tenure type 1 = Sum of codes 011, 021, 031, 051, 061, 111.

282P Tenure type 2 = Sum of codes 012, 022, 032, 052, 062, 112.

283P Tenure type 3 = Sum of codes 013, 023, 033, 053, 063, 113.

284P Tenure type 4 = Sum of codes 267P, 034, 054, 064, 114.

285P Tenure type 5 = Sum of codes 268P, 035, 055, 065, 115.

286P Tenure type 6 = Sum of codes 269P, 036, 056, 066, 116.

287P)

288P) NOT USED.

289P Income in kind from Schedule A:-
Sum of codes 259, 263.

290P NOT USED.

Rateable value (per annum):-

291P Tenure type 1 = Code 071 multiplied by 52.

292P Tenure type 2 = Code 072 "

293P Tenure type 3 = Code 073 "

294P Tenure type 4 = Code 074 "

295P Tenure type 5 = Code 075 "

296P Tenure type 6 = Code 076 "

297P Households with less than 3 rooms:-

If code A 114 is less than 3 the product code has a value of 1.

298P Households with 3 to 5 rooms:-

If code A 114 has a value of 3, 4 or 5, the product code has a value of 1.

299P Households with 6 or more rooms:-

If code A 114 is greater than 5, the product code has a value of 1.

Normal gross wages/salaries (main employment) 13 week rule applied:-

300P Household = Code 008P.

301P Head = Code 080P.

302P Wife = Code 100P.

303P Others = Code 300P, minus sum of codes 301P, 302P.

Code	Description
304P)	
305P)	
306P)	NOT USED.
307P)	

Gross wage/salary last week/month (subsidiary employment):-

308P	Household = Code 014P.
309P	Head = Code 082P.
310P	Wife = Code 102P.
311P	Others = Code 308P, minus sum of codes 309P, 310P.

Gross wage/salary last time paid (subsidiary employment):-

312P	Household = Code 015P.
313P	Head = Code 083P.
314P	Wife = Code 103P.
315P	Others = Code 312P, minus sum of codes 313P, 314P.

316P)
317P)
318P) NOT USED.
319P)

Income from self-employment:-

320P	Household = Sum of codes 037P, 047P.
321P	Head = Code 085P.
322P	Wife = Code 105P.
323P	Others = Code 320P, minus sum of codes 321P, 322P.

Income from investments:-

324P	Household = Code 048P.
325P	Head = Code 086P.
326P	Wife = Code 106P.
327P	Others = Code 324P, minus sum of codes 325P, 326P.

Income from pensions, annuities:-

328P	Household = Code 049P.
329P	Head = Code 087P.
330P	Wife = Code 107P.
331P	Others = Code 328P, minus sum of codes 329P, 330P.

Code	Description
Social Security Retirement, Old Age, Widows pension:-	
332P	Household = Code 033P.
333P	Head = Code 088P.
334P	Wife = Code 108P.
335P	Others = Code 332P, minus sum of codes 333P, 334P.
Other Social Security benefits:-	
336P	Household = Code 031P, minus code 033P.
337P	Head = Codes 089P.
338P	Wife = Codes 109P.
339P	Others = Code 336P, minus sum of codes 337P, 338P.
Income from other sources:-	
340P	Household = Code 050P.
341P	Head = Code 090P.
342P	Wife = Code 110P.
343P	Others = Code 340P, minus sum of codes 341P, 342P.
Normal gross income:-	
344P	Household = Sum of codes 051P, 277P.
345P	Head = Sum of codes 091P, 277P.
346P	Wife = Code 111P.
347P	Others = Code 344P, minus sum of codes 345P, 346P.
348P)	
349P)	NOT USED.
350P	Social Security benefits:- Sum of codes 332P and 336P.
351P	Head and wife both unemployed:- If code 081P and code 101P are coded, the product code has a value of 1.
Current gross income:-	
352P	Household = Sum of codes 053P, 277P.
353P	Head = Sum of codes 093P, 277P.
354P	Wife = Code 113P.
355P	Others = Code 352P, minus sum of codes 353P, 354P.
356P	Age of head:- Code 094P.

Code	Description
357P	Age of wife:- Code 114P.
358P	Sex of head:- The product code has a value of 1 if code 098P is coded, 2 if code 098P is not coded.
359P	Age of housewife:- Code 059P.
Betting, payments less winnings (negative answers acceptable):-	
360P	Football pools - Code 055P.
361P	Bookmaker - Code 056P.
362P	Lotteries - Code 057P.
363P	Other betting - Code 058P.
364P	Pensioner Income (DE definition):- Sum of codes 060P, 061P, 062P.
365P	Pensioner Household:- If code 364P, divided by code 344P, multiplied by 1,000 is greater than 749, the product code has a value of 1.
366P	Non-pensioner Household:- If code 365P is not coded, the product code has a value of 1.
Expenditure:-	
367P	Housing:- Sum of codes 116P, 281P to 286P; item codes 2240, 2310 to 2360, 2390, 7850 if suffixed A to L.
368P	Fuel, light and power (negative answers acceptable):- Sum of codes 117P, 017, 027, 170, 175, 221, 222, 281; item codes 2250, 2260, 2400 to 2610 if suffixed A to L, minus sum of codes 173 and 178.
369P	Food:- Sum of codes 118P, 260; item codes 1010 to 1990, 8400 to 8570 if suffixed A to L.
370P	Alcoholic Drink:- Sum of codes 119P; item codes 2800 to 2990 if suffixed A to L.
371P	Tobacco:- Sum of codes 120P; item codes 2110 to 2130 if suffixed A to L.

Code	Description
372P	Clothing and Footwear:- Sum of codes 121P; item codes 3010 to 3490 if suffixed A to L.
373P	Durable Household Goods:- Sum of codes 122P, 168; item codes 4010 to 4200, 4220 TO 4360, 6010, 6030, 6040, 7840, 7860, if suffixed A to L.
374P	Other goods:- Sum of codes 123P, 274; item codes 6110 to 6480, 7210 to 7490, if suffixed A to L.
375P	Transport and Vehicles (negative answers acceptable):- Sum of codes 124P, 158, 186 to 189, 191, 219, 244, 245, 247, 255, 270; item codes 5010 to 5590 if suffixed A to L, minus code 179.
376P	Services (negative answers acceptable):- Sum of codes 125P, 160, 162, 164, 166, 180, 181, 185, 195, 271, 273, 275, 278 to 280; item codes 2270 to 2290, 4210, 7510 to 7710, 7730, 7750, 7810, 7820, 7880 to 7930, 7960 to 7990, 8020, if suffixed A to L, minus code 194.
377P	Miscellaneous:- Sum of codes 126P; item codes 7500, 8010, if suffixed A to L.
378P	Total Expenditure:- Sum of codes 367P to 377P.
379P	Other payments (negative answers acceptable):- Sum of codes 128P, 131 to 135, 201 to 205, 196, 199, 206, 208, 229, 276; item codes 2160 to 2230, 8030, if suffixed A to L.
380P	Total Expenditure, plus imputed values:- Sum of codes 163P, 289P, 378P, minus code 045P.
381P	Expenditure on permanent second dwelling:- Code 129P.
382P)	
383P)	NOT USED.
384P)	
385P	Gross Household income, based on "normal" earnings:- Sum of codes 007P, 013P, 015P, 027P, 028P, 033P, 034P, 037P, 047P to 050P, 277P.
386P	Gross Household income, based on "actual" earnings, if absent less than 14 weeks, or Social Security benefits if absent 14 weeks or more:- Sum of codes 005P, 015P, 031P, 037P, 047P to 050P, 277P.

Code	Description
387P	Gross Household income, based on "actual" earnings:- Sum of codes 003P, 013P, 015P, 027P, 028P, 033P, 034P, 037P, 047P to 050P, 173P, 277P.
388P	Current NI employees contribution:- Code 075P.
389P	Gross household income, less tax and NI conts (negative answers acceptable):- Sum of codes 177P, 277P.
390P	Current PAYE tax deduction:- Code 077P.
391P	Current PAYE tax refund:- Code 078P.
392P	Income tax, payments less refunds, (negative answers acceptable):- Code 079P.
393P	Income tax, payments less refunds, 13 week rule applied (negative answers acceptable):- Code 067P.
394P	Current gross income, based on normal wage/salary of employees at work:- Sum of codes 189P, 277P.
395P	Normal gross income, excluding tax and NI contributions, but including value of self supply goods and income in kind:- Sum of 163P, 289P, 344P, minus sum of codes 029P, 388P, 392P.
396P	Age of head of household (multiplied by 100 for use in expenditure tables):- Code 356P multiplied by 100.
397P	Household has rented TV, paid for by regular payments to rental company:- If code A 106 has a value of 2, the product code has a value of 1.
398P	NOT USED.
399P	Normal gross income, excluding tax and NI contributions, but including income in kind (not self supply goods):- Sum of codes 163P, 289P, 344P, minus sum of codes 029P, 045P, 388P, 392P.

Code

Description

CSO Household Product Codes

Rent/rates (including non-separable service element)

400P Tenure type 1 = Code 257P, multiplied by code 201P, divided by code 202P.
401P Tenure type 2 = Code 258P, multiplied by code 201P, divided by code 202P.
402P Tenure type 3 = Code 259P, multiplied by code 201P, divided by code 202P.

403P)
)
404P) Not used since 1983
)
405P)

Rates, if separate:-

406P Tenure type 1 = sum of codes 031, 205P, multiplied by code 201P, divided by code 202P.
407P Tenure type 2 = sum of codes 032, 206P, multiplied by code 201P, divided by code 202P.
408P Tenure type 3 = sum of codes 033, 207P, multiplied by code 201P, divided by code 202P.
409P Tenure type 6 = sum of codes 036, 210P, multiplied by code 201P, divided by code 202P.

Water charges:-

410P Tenure type 1 = Code 051, multiplied by code 201P, divided by code 202P.
411P Tenure type 2 = Code 052, multiplied by code 201P, divided by code 202P.
412P Tenure type 3 = Code 053, multiplied by code 201P, divided by code 202P.
413P Tenure type 6 = Code 056, multiplied by code 201P, divided by code 202P.

414P Net rateable value, tenure types 4 and 5:-
 Sum of codes 239P and 240P, multiplied by sum of codes 217P, 218P, 219P, multiplied by code 201P, divided by code 202P, divided by 1,000.

415P Ground rent, tenure types 4 and 5:-
 Sum of codes 064 and 065, multiplied by code 201P, divided by code 202P.

Code	Description
416P	Rates paid, tenure types 4 and 5:- Sum of codes 034, 035, 208P, 209P, multiplied by code 201P, divided by code 202P.
417P	Water charges, tenure types 4 and 5:- Sum of codes 054 and 055, multiplied by code 201P, divided by code 202P.
418P	Theoretical loss from sub-letting:- Sum of codes 257P to 259P, 267P, 268P, 031 to 036, 041 to 047, 051 to 056, 061 to 066, minus sum of codes 400P to 417P.
419P)	
420P)	NOT USED.
421P	Costs of sub-let portion of dwelling:- Code 202P, minus code 201P, divided by code 202P, multiplied by sum of codes 257P to 259P, 267P, 268P, 031 to 036, 041 to 047, 051 to 056, 061 to 066.
422P	NOT USED.
423P	NOT USED IN 1984.
424P	Income from owner-occupation:- Sum of codes 267P and 268P.
Main source of household income	
425P	Wages/salaries:- Sum of codes 300P and 312P, if greater than any of the other sources of income.
426P	Self-employment income:- Code 320P, if greater than any of the other sources of income.
427P	Investment income:- Code 324P, if greater than any of the other sources of income.
428P	Annuities, pensions:- Code 328P if greater than any of the other sources of income.
429P	Social Security benefits:- Sum of codes 332P and 336P, if greater than any of the other sources of income.
430P	Imputed income:- Code 277P, if greater than any of the other sources of income.

Code	Description
431P	Income from other sources:- Code 340P, if greater than any of the other sources of income.
Credit Expenditure	
432P	Housing:- Sum of codes 2240, 2310 to 2360, 2390, 7850, if suffixed A to L.
433P	Fuel, light and power:- Sum of codes 2250, 2260, 2400 to 2610, if suffixed A to L.
434P	Food:- Sum of codes 1010 to 1990, 8400 to 8570, if suffixed A to L.
435P	Alcoholic Drink:- Sum of codes 2800 to 2990; if suffixed A to L.
436P	Tobacco:- Sum of codes 2110 to 2130, if suffixed A to L.
437P	Clothing and footwear:- Sum of codes 3010, 3030 to 3210, 3230 to 3490, if suffixed A to L.
438P	Durable household goods:- Sum of codes 4010 to 4200, 4220 to 4360, 6010, 6030, 7840, 7860, if suffixed A to L.
439P	Other goods:- Sum of codes 6110 to 6480, 7210 to 7490, if suffixed A to L.
440P	Transport and vehicles:- Sum of codes 5010 to 5590, if suffixed A to L.
441P	Services:- Sum of codes 2270 to 2290, 4210, 7510 to 7710, 7730, 7750, 7810, 7820, 7880 to 7930, 7960 to 7990, 8020, if suffixed A to L.
442P	Miscellaneous:- Sum of codes 7500, 8010, if suffixed A to L.
443P	Credit component of total expenditure:- Sum of codes 432P to 442P.
444P	Other credit expenditure:- Sum of codes 2160 to 2230, 7950, 8030, if suffixed A to L.
445P)	
446P)	NOT USED.
447P)	
448P	Percentage ratio of gross income to disposable income (1 = 10%):- Code 344P divided by code 389P, multiplied by 1,000.

Code	Description
449P	Percentage ratio of total expenditure to disposal income (£1 = 10%):- a. Households with self-employed heads:- If code 161P for person 1 has a value of 2, code 378P divided by code 389P, multiplied by 1000.
450P	b. Households with employee heads:- If code 161P for person 1 has a value of 1, 3 or 4, code 378P divided by code 389P, multiplied by 1000.
451P	c. Households with retired/unoccupied heads:- If code 161P for person 1 has a value of 5, 6 or 7, code 378P divided by code 389P multiplied by 1000.
452P	Percentage of pensioners income in household:- Code 162P multiplied by 100, divided by code 344P.
Components of Net Household Income	
453P	Imputed income from Schedule B:- Code 163P.
454P	Income from Schedule B Sum of codes 164P.
455P	Net income, excluding imputed income from Schedule B:- Sum of codes 424P, 454P, 209, 210, 259, 263.
456P	Net household income:- Sum of codes 453P and 455P.
Components of Original Income	
457P	Income from Schedule B:- Code 166P.
458P	NOT USED.
459P	Original income:- Sum of codes 424P, 453P, 457P, 209.
460P	Original income including cash benefits:- Sum of codes 167P, 459P.
461P)
462P)
463P)
464P	) Not used since 1983
465P)
466P)
467P)
468P)
469P)

Code	Description
470P	)Consumers expenditure:-
471P	) Sum of codes 071P, 378P, 196, 199, 206. (Each product code contains half the total expenditure).
	Social Grade of Head of Household (see Coding frame 21):-
472P	NOT USED SINCE 1983.
473P	NOT USED SINCE 1983.
474P	NOT USED SINCE 1983.
475P	NOT USED SINCE 1983.
476P	NOT USED
477P	Code for number of workers (the value is one more than the number of workers):- Code 021P, plus 1.
478P	NOT USED.
479P	Number of Tax Units in household (£1 = 1 unit):- Code 190P.
	Ownership of certain durable goods.
480P	Colour TV licence:- If the value of code 181 is greater than 41 (pence per week) the product code is formed with values derived from code A 098 to indicate the Standard Region.
481P	Telephone:- If code A 102 is coded, the product code has a value of 1.
482P	Television:- If code A 105 is coded, the product code has a value of 2.
483P	Washing machine:- If code A 108 is coded, the product code has a value of 4.
484P	Refrigerator and/or freezer:- If any of codes A 164, A 165, A 166 is coded the product code has a value of 8.
485P	Central Heating:- If any of codes A 150 to A 154 is coded, the product code has a value of 16.

Code	Description				
486P	Car:- If code A 124 is coded, the product code has a value of 32.				
487P	Combination of durables owned (see Coding Frame 24):- Sum of codes 481P to 486P.				
488P	Total expenditure, including life assurance, superannuation, sickness and accident insurance etc:- Sum of codes 470P and 471P.				
489P	Households with 2 cars:- If code A 124 has a value of 2, the product code has a value of 32.				
490P	Households with 3 or more cars:- If code A 124 has a value greater than 2, the product code has a value of 32.				
491P	Normal gross income (2 week rule):- Sum of codes 176P, 277P.				
492P	"Index" household:- The product code has a value of 1 if code 366P is coded and if code 345P has a value of less than:- <table border="0" style="margin-left: 200px;"> <tr> <td>£350 (1st quarter)</td> </tr> <tr> <td>£350 (2nd quarter)</td> </tr> <tr> <td>£350 (3rd quarter)</td> </tr> <tr> <td>£350 (4th quarter)</td> </tr> </table>	£350 (1 st quarter)	£350 (2 nd quarter)	£350 (3 rd quarter)	£350 (4 th quarter)
£350 (1 st quarter)					
£350 (2 nd quarter)					
£350 (3 rd quarter)					
£350 (4 th quarter)					
493P	"Wealthy" Household:- If codes 365P and 492P are not coded, the product code has a value of 1.				
Supplementary Benefit Households					
494P	Current SB received by head or wife of head of household:- Code 160P.				
495P	Households with partial rent rebates and current SB received by head or wife:- If code 494P is coded, code 230.				
496P	Households with full rent rebates and current SB not received by head or wife:- If code 494P is coded, code 174.				
497P	Households with partial rent rebates but no current SB received by head or wife:- If code 494P is not coded, code 230.				

Code	Description
	Calculated water rates:-
498P	Tenure type 1: If code A 120 = 1, code 231 multiplied by code 071, plus code 234.
499P	Tenure type 2: If code A 120 = 2, code 231 multiplied by code 072, plus code 234.
500P	Tenure type 3: If code A 120 = 3, code 231 multiplied by code 073, plus code 234.
501P	Tenure type 4: If code A 120 = 4, code 231 multiplied by code 074, plus code 234.
502P	Tenure type 5: If code A 120 = 5, code 231 multiplied by code 075, plus code 234.
503P	Tenure type 6: If code A 120 = 6, code 231 multiplied by code 076, plus code 234.
504P	Household has a gas supply:- If code A 103 has a value of 5 or 7 the product code has a value of 1.
505P	Households with full rent rebates but no current SB received by head or wife:- If code 494P is not coded, code 174.
	Household Product Codes - Department of the Environment
506P	NOT USED SINCE 1983.
507P	NOT USED SINCE 1983.
508P	NOT USED SINCE 1983.
509P	NOT USED SINCE 1983.
510P	NOT USED SINCE 1983.
511P	NOT USED SINCE 1983.
512P	Household comprising children only:- If neither code 019P nor code 024P is coded, the product code has a value of 1.
513P	Age difference of head and wife 25 years or more:- If code 356P minus code 357P or code 357P minus code 356P is greater than 24, the product code has a value of 1.

Code	Description
	Interest/Principal mortgages - Last instalment where interest element is known
514P	Building Society: if code 151 is coded, code 201.
515P	Local Authority: If code 152 is coded, code 202.
516P	Bank: If code 153 is coded, code 203.
517P	Insurance Co: If code 154 is coded, code 204.
518P	Other source: If code 155 is coded, code 205.
519P	NOT USED IN 1984.
520P	NOT USED IN 1984.
521P	NOT USED IN 1984.
522P	NOT USED IN 1984.
	Mortgages - Interest/Principal arrangements
523P	Last instalment where interest is known:- If codes 151 to 155 are coded, sum of codes 201 to 205.
524P)
525P)
526P)
527P	) Check code for use within DE.
528P)
529P)
530P)
	Net housing costs, including contractors and maintenance charges:-
531P	Tenure type 1: If code A 120 has a value of 1, code 367P.
532P	Tenure type 2: If code A 120 has a value of 2, code 367P.
533P	Tenure type 3: If code A 120 has a value of 3, code 367P.
534P	Tenure type 4: If code A 120 has a value of 4, code 367P.
535P	Tenure type 5: If code A 120 has a value of 5, code 367P.
536P	Tenure type 6: If code A 120 has a value of 6, code 367P.
537P to	
547P	Check codes for use within DE.
548P)
549P	) NOT USED.
550P)

Code	Description
Expenditure on house repairs/maintenance by owner occupiers	
Tenure type 4, calculated if A 120 has a value of 4:-	
551P	Payments to contractors: Sum of codes 146P and 224A to 224L, 7850 A-L.
552P	Paint and distemper: Sum of codes 147P and 231A to 231L.
553P	Wallpaper: Sum of codes 148P and 232A to 232L.
554P	Timber and Hardboard: Sum of codes 149P and 233A to 233L.
555P	Other materials: Sum of codes 150P and 234A to 234L.
556P	Fittings: Sum of codes 151P and 235A to 235L.
557P	Tools: Sum of codes 152P and 236A to 236L.
558P	Composite purchases: Sum of codes 153P and 239A to 239L.
Tenure type 5, calculated if A 120 has a value of 5:-	
559P	Payments to contractors: Sum of codes 146P and 224A to 224L, 7850 A-L.
560P	Paint and distemper: Sum of codes 147P and 231A to 231L.
561P	Wallpaper: Sum of codes 148P and 232A to 232L.
562P	Timber and Hardboard: Sum of codes 149P and 233A to 233L.
563P	Other materials: Sum of codes 150P and 234A to 234L.
564P	Fittings: Sum of codes 151P and 235A to 235L.
565P	Tools: Sum of codes 152P and 236A to 236L.
566P	Composite purchases: Sum of codes 153P and 239A to 239L.
Calculated sewerage rates:-	
567P	Tenure type 1: If code A 120 = 1, code 232 multiplied by code 071, plus code 235.
568P	Tenure type 2: If code A 120 = 2, code 232 multiplied by code 072, plus code 235.
569P	Tenure type 3: If code A 120 = 3, code 232 multiplied by code 073, plus code 235.

Code	Description
570P	Tenure type 4: If code A 120 = 4, code 232 multiplied by code 074, plus code 235.
571P	Tenure type 5: If code A 120 = 5, code 232 multiplied by code 075, plus code 235.
572P	Tenure type 6: If code A 120 = 6, code 232 multiplied by code 076, plus code 235.

Calculated environmental rates:-

573P	Tenure type 1: If code A 120 = 1, code 233 multiplied by code 071.
574P	Tenure type 2: If code A 120 = 2, code 233 multiplied by code 072.
575P	Tenure type 3: If code A 120 = 3, code 233 multiplied by code 073.
576P	Tenure type 4: If code A 120 = 4, code 233 multiplied by code 074.
577P	Tenure type 5: If code A 120 = 5, code 233 multiplied by code 075.
578P	Tenure type 6: If code A 120 = 6, code 233 multiplied by code 076.

Calculated domestic, sewerage and environmental rates, less rates rebate:-

579P	Tenure type 1 = codes 221P, 567P, 573P.
580P	Tenure type 2 = codes 222P, 568P, 574P.
581P	Tenure type 3 = codes 223P, 569P, 575P.
582P	Tenure type 4 = codes 224P, 570P, 576P.
583P	Tenure type 5 = codes 225P, 571P, 577P.
584P	Tenure type 6 = codes 226P, 572P, 578P.

Calculated Gross Rent:-

585P	Tenure type 1 = Code 271P, minus sum of codes 498P, 567P, 573P.
586P	Tenure type 2 = Code 272P, minus sum of codes 499P, 568P, 574P.
587P	Tenure type 3 = Code 273P, minus sum of codes 500P, 569P, 575P.
588P)
589P)
590P	) Check codes for use within DE.
591P)
592P)

FAMILY EXPENDITURE SURVEY 1984

APPENDIX 6

LIST OF EXPENDITURE CODES FROM DIARY RECORD-BOOKS

- Notes:
- 1 These codes are used for items of expenditure from the diary record-books. They are recorded on tape as 4-character codes, the fourth character indicating the week/day number.
 - 2 These codes are also used for credit/HP acquisitions. These entries also are recorded on tape as 4-character codes, the fourth character being a suffix letter indicating the type of transaction. The suffix letters used are as follows:-

A = HP Instalment
B = HP down payment
C = Goods acquired under budget account scheme.
E = " " through other shop club.
F = " " " mail order agent.
G = " " " other mail order organisation.
J = " " " check trader.
K = " " " other credit arrangements
(except credit cards)
L = " " " credit cards.
 - 3 All values are reduced to weekly equivalents during initial computer processing and are recorded on tape in tenths of pence.

APPENDIX 6 (contd)

Code	Description
	FOOD
101	Bread, milk loaves, rolls
102	Flour, plain and self-raising
103	Biscuits, shortbread, wafers, etc
104	Cakes, currant bread, fruit pies, pastries, scones, etc
105	Composite purchases of bread, flour, biscuits and cakes
108	Dry cereals
111	Beef and veal, including minced meat
112	Mutton and lamb
113	Pork
114	Bacon and ham, uncooked
115	Offal
121	Cooked (including canned) ham
122	Sausages (uncooked), sausage meat
123	Cooked meats and meat products, canned and bottled meat
127	Poultry, rabbit, game, venison - cooked, uncooked, frozen, bottled
129	Meat not otherwise defined
130	Protein meat substitute
131	Fish - fresh
132	Fish - canned
133	Fish - frozen
138	Fish and chips
140	Eggs, fresh and dried
141	Butter
142	Margarine
143	Fresh milk
144	Fresh cream, skimmed milk, canned and dried milk and cream, yoghurt, other milk products, baby milk foods
146	Cheese, including processed
149	Lard, cooking and other oils and fats
150	Canned/bottled baby foods (not milk)
151	Vegetables - fresh
154	Vegetables - canned, bottled, dried
155	Vegetables - frozen

Code	Description
	FOOD (contd)
156	Potato products and processed potatoes
158	Potatoes (raw)
	Note If specific fruit and vegetables are not distinguished as between fresh, canned, bottled, etc, they are treated as fresh
160	Fresh fruit -
163	Fruit - canned, bottled, frozen, dried, juices
165	Tomatoes - fresh, canned, bottled
171	Tea
172	Coffee, coffee essence
173	Proprietary food drinks and non-proprietary food drinks, other than baby milk foods
181	Sugar
182	Syrup, lemon curd, honey, jam, marmalade
183	Ice cream
184	Soft drinks (squashes, cordials, crystals)
185	Sweets and chocolates
191	Packaged and canned foods
192	Flavourings, colourings, additives
195	Pickles, sauces, chutneys
196	'Take-away' food (cold) consumed at home, cold sandwiches, cold rolls with filling, cold meat pies, cold sweet pies
197	'Take-away' food (hot) consumed at home, toasted sandwiches, hot rolls with filling, hot meat pies, hot sweet pies
199	Food undefined

Code	Description
	TOBACCO
211	Cigarettes, cigarette tobacco and papers
212	Pipe tobacco
213	Cigars, snuff
	SPACE HEATING (STRUCTURAL)
216	Space heating, (structural)
	HOUSING
221	House purchase including deposits
222	Caravan purchase including deposits
223	Structural additions and enlargements
224	Repairs, decorations and replacements
225	Second dwelling - electricity a/c
226	Second dwelling - gas a/c
227	Second dwelling - telephone a/c
228	Second dwelling - rent, rates, etc
229	Second dwelling - TV licence
	Purchase of materials and tools for house maintenance
231	Paint and distemper
232	Wallpaper
233	Timber and hardboard
234	Other materials
235	Fittings
236	Tools
239	Composite or undefined of item codes 231-236
	FUEL, LIGHT AND POWER
240	House coal, anthracite and boiler fuel (excluding premium smokeless fuels)
242	Coke and premium smokeless fuels
253	Paraffin
254	Gas, slot meter payments
255	Electricity, slot meter payments
259	Other fuel and light and fuel undefined
261	Fuel oil other than for central heating

Code	Description
	ALCOHOLIC DRINK
	a) Alcoholic drink brought home
280	Beer, stout, ale, shandy
281	Cider, perry
283	Fortified Wines
284	Non-fortified wines
285	Wine, unspecified
286	Spirits, liqueurs
289	Alcoholic drink incompletely described
	b) Alcoholic drink bought and consumed away from home
290	Beer, stout, ale, shandy
291	Cider, perry
293	Fortified wines
294	Non-fortified wines
295	Wine, unspecified
296	Spirits, liqueurs
299	Alcoholic drink incompletely described, eg "rounds of drink"
	CLOTHING AND FOOTWEAR
301	Men's outerwear (including shirts)
303	Men's underwear
304	Men's hosiery
311	Women's outerwear
313	Women's underwear
314	Women's hosiery
321	Boys' outerwear (including shirts)
323	Boys' underwear
324	Boys' hosiery
325	Girls' outerwear
327	Girls' underwear
328	Girls' hosiery
329	Infants' clothing
330	Clothing materials
331	Men's and boys' headgear
332	Women's and girls' headgear and headgear not fully described; haberdashery
334	Other clothing charges
341	Men's footwear
342	Women's footwear
343	Children's including infant's footwear
349	Footwear undefined

Code	Description
DURABLE HOUSEHOLD GOODS	
401	New and second-hand furniture
404	Floor coverings including making up charges
405	New and second-hand household textiles, including making up charges
407	New and second-hand mattresses
409	Radios, televisions, gramophones, tape recorders (New and second hand)
411	New and second-hand gas cookers
412	Gas and electric durables not coded elsewhere
413	New and second-hand electric cookers
414	Telephones and answering machines
417	New and second-hand electric washing/drying machines
419	New and second-hand electric fridges, freezers
420	Purchase of video recorders
*421	Rental of video recorders
422	Spare parts for radios, televisions, gramophones, tape recorders, videos
423	Spare parts for gas and electric durables
431	China and glassware, pottery
434	Major household appliances excluding parts other than fittings not powered by gas/electricity
436	Household items not coded elsewhere
VEHICLES	
501	New cars) Hire-purchase,
502	Second-hand cars) credit transactions
503	New motor cycles) only.
504	Second-hand motor cycles)
505	Other new and second-hand vehicles
508	Repairs and other service charges to vehicles other than cars and motor cycles
509	Car accessories, parts and replacements new and second-hand
510	Motor-cycle accessories, parts and replacements new and second-hand
511	Other vehicle accessories, parts and replacements, new and second-hand
541	Petrol and diesel oil
542	Other motor oils
546	AA and RAC subscriptions
548	Car and motor cycle repairs and servicing
549	Other car and motor cycle costs

* transfer to services in 1985

Code	Description
TRAVEL	
551	Rail or tube fares other than season tickets
552	Bus, coach fares other than season tickets
553	All air travel
554	Water travel other than season tickets
555	Taxis, including hired cars with driver
556	Hire or self-drive cars
557	Monetary contribution towards cost of travel in friends' etc vehicle
559	Other travel and transport and transport undefined
OTHER GOODS	
601	New and second-hand musical instruments and parts
603	New and second-hand records audio and home computer cassettes
604	Purchase and rental of video cassettes, discs and accessories
611	Non NHS spectacles, but not sunglasses
612	NHS spectacles
621	Drugs and medicines (other than NHS) including items undefined as to NHS or other
622	Cosmetics
623	Toilet paper
624	Other toilet requisites
625	Charges for items bought on NHS prescriptions and payments for NHS appliances
631	Toys
632	Photographic goods, optical goods
634	Hobbies
641	Sports goods (not clothes)
642	Leather and travel goods, umbrellas, walking sticks
643	Jewellery, watches and clocks, silverware
644	Decorative fancy goods, smokers requisites
648	Stationery (Personal)
721	Books (not library subscriptions) including school and text books
722	Newspapers
723	Magazines/Periodicals
731	Food for animals and pets, not normally for human consumption
732	Other expenditure on animals and pets
733	Seeds, plants, flowers
734	Plant fertilizers
741	Matches
745	Toilet soap
746	Other soap and soap products
749	Other cleaning materials
750	Miscellaneous expenditure on goods not assigned to any other code

Code	Description
SERVICES	
751	Postage, including parcel post and poundage
752	Telephone (not telephone account), telegrams
756	Hotels and boarding houses
757	Holidays in Channel Islands and Isle of Man and abroad
759	Holiday expenses not allocated elsewhere
761	Cinemas
762	Dances (admission)
763	Theatres, concerts, circus
764	Participant sports and pastimes - subscriptions and admissions
766	Football matches - (admission)
767	Other spectator sports (admission)
768	Radio/TV rental - slot meter payments, TV game console
769	Miscellaneous entertainment not assignable to specific item codes
770	Stamp duties to Central Authorities
771	Domestic services
773	NHS payments - dentists
775	Private medical, dental, optician, etc fees, Excluding non-NHS spectacles Including items undefined as to NHS or other
781	Sweeps and window cleaners
782	Repairs to footwear and materials for home repairs
784	Repairs and maintenance to tape recorders, radio, television and musical instruments, video, TV game, home computers
785	Repairs and maintenance to central heating appliances
786	Repairs and maintenance to other gas and electric appliances
788	Repairs to personal goods, excluding medical repairs and other repairs
789	Interest on Credit Card (used with suffix L only)
790	Cleaning and dyeing
791	Laundrette and hire of washing machine, laundry
793	Hairdressing, manicure, beauty treatment
796	Subscriptions to Trade Union, Professional Associations, etc
797	Other subscriptions
798	Charitable gifts
799	Miscellaneous expenditure on services not assignable to any other code
MISCELLANEOUS	
801	Children's pocket money, the expenditure of which cannot be assigned to a particular code
802	Cash gifts (not donations) and tips not allocated elsewhere
803	Savings

Code	Description
BETTING	
811	Stakes - football pools
812	Stakes - bookmaker, betting shop, tote
813	Stakes - lotteries
814	Stakes - other betting
821	Winnings - football pools
822	Winnings - bookmaker, betting shop, tote
823	Winnings - lotteries
824	Winnings - other betting
MEALS OUT	
a) Workplace meals	
840	Fish and chips; other meals out; soft drinks; ice cream; sweets and chocolates; specified other foods
841	Sandwiches, rolls with filling, cakes, currant bread, fruit pies, pastries, scones etc
842	Non-alcoholic drinks other than soft drinks and fruit juices
b) All other meals out eaten on premises	
843	Fish and chips; other meals out
844	Sandwiches, cakes etc
845	Non-alcoholic drinks
846	Soft drinks excluding fruit juices; ice cream; sweets and chocolates; specified other foods
c) All other meals out eaten off premises (not at home)	
847	Fish and chips
848	Meals out including salad
849	Sandwiches, cakes etc
850	Non-alcoholic drinks
851	Soft drinks exc fruit juices
852	Ice cream
853	Sweets and chocolates
854	Specified other foods
855	Hot meals eg. Breakfast, lunch, dinner, supper, snack etc
856	Toasted sandwiches, hot rolls with filling, hot meat and sweet pies etc
857	Cold food eg. cold sandwiches, cold rolls with filling, cold meat and sweet pies etc

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Index to Coding Frames

Coding Frame	Description
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2	Household Composition (DE)
3	Occupation
4	Industry
5	Type of Household
6/7	Ranges of Gross Income/Disposable Income/Total Expenditure
8	Type of Tenure (DE)
9	Type of investment
10	Not used
11	Week Numbers
12	Households with married women
13	Type of fuel used for room heating
14	Not used
15	Household Composition (CSO)
16	Not used
17	Not used
18	Standard Regions (code A098)
19	Age of Head of Household/Wife of Head of Household/Chief Economic Supporter
20	Relationship to Head of Household
21	Type of Interest
22	Ranges of Personal Gross Earnings
23	Economic Position
24	Combination of durable goods available
25	Type of accommodation occupied by the household
26	Education Grant, Scholarship etc - Source, Level, Establishment
27	Head of Household out of a job
28	Amount of SAYE, National Savings Certificates or Premium Bonds held
29	Imputation of Income
30	Items included in rent

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Coding Frame 1 Type of Administrative Area
(Information Code A097)

Value	Type of Administrative Area	Remarks
1	Greater London	
2	Metropolitan Districts and Central Clydeside Conurbation	
	Non-Metropolitan Districts:	
3	Areas with population density of 3.2 or more persons per acre. (7.9 or more persons per hectare)	
4	Areas with population density of 0.9 but less than 3.2 persons per acre. (2.2 but less than 7.9 persons per hectare)	
5	Areas with population density of less than 0.9 persons per acre (2.2 persons per hectare)	

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CODING FRAME 2 HOUSEHOLD COMPOSITION (Information Codes A056 and A057)

Value	Composition of Household	Remarks
1	One man	For code A057, children are defined as unmarried persons under 18.
2	One Woman	
3	One man, 1 child	
4	One woman, 1 child	Men, women and adults are married persons irrespective of age, or unmarried persons aged 18 or over.
5	One man, 2 or more children	
6	One woman, 2 or more children	For code A056, children are persons aged under 16. Men, women and adults are persons aged 16 or over.
7	One man and 1 woman	
8	Two men or 2 women	
9	One man, 1 woman and 1 child	
10	Two men or 2 women, and 1 child	
11	One man, 1 woman, 2 children	
12	Two men or 2 women, and 2 children	
13	One man, one woman, 3 children	
14	Two men or 2 women, and 3 children	
15	Two adults, 4 children	
16	Two adults, 5 children	
17	Two adults, 6 children	
18	Two adults, 7 or more children	
19	Three adults	
20	Three adults, 1 child	
21	Three adults, 2 children	
22	Three adults, 3 children	
23	Three adults, 4 or more children	
24	Four adults	
25	Four adults, 1 child	
26	Four adults, 2 or more children	
27	Five adults	
28	Five adults, 1 or more children	
29	Six or more adults	
30	All other households with children*	

* For code A057, this group includes households comprising children only.

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Occupation (Information codes A092, A177, A210 and A210)

Coding Frame 3

Value	Occupation	Remarks
1	Professional and technical workers	
2	Administrative and managerial workers	
3	Teachers	
4	Clerical workers, eg clerks, commercial travellers, agents	
5	Shop assistants	
6	Manual workers - skilled	
7	" " - semi-skilled	
8	" " - unskilled	
9	Members of HM Forces	
10	Retired	
11	Unoccupied	

Note Values 1 to 9 are entered at code A210 on Schedule B and are based on the Social Classes used in OPCS Classification of Occupations. Values 10 and 11 at code A210 are allocated by the computer for persons coded 5 to 7 at code A201 of Schedule B. For codes A092 and A177 values 1 to 9 are allocated by computer only to workers (ie persons coded 1 at code A015). Non workers, including spenders without a recording at code A210, are allocated to values 10 or 11 at codes A092, and A177.

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Coding Frame 4

Industry (Information codes A093, A211)

Value	Industry	SIC Class No.
1	Agriculture, forestry, fishing	01-03
2	Extraction, processing and production of coal, coke, mineral oil, natural gas and nuclear fuel	11-15
3	Gas, electricity and other forms of energy; water supply	16-17
4	Metal extraction and manufacture	21-22
5	Extraction of minerals nes; manufacture of non-metallic mineral products	23-24
6	Chemicals and allied industries; production of man-made fibres	25-26
7	Mechanical engineering; manufacture of metal goods nes	31-32
8	Electrical and electronic engineering; office machinery	33-34
9	Manufacture of vehicles, inc parts, and other transport equipment	35-36
10	Instrument engineering	37
11	Food, drink and tobacco manufacture	41-42
12	Textiles	43
13	Leather and leather goods	44
14	Clothing, footwear, household textiles and fur	45
15	Timber, furniture etc	46
16	Paper, printing and publishing	47
17	Processing or rubber and plastic; other manufacturing industries	48-49
18	Construction	50
19	Distributive trades, wholesale and retail	61-65
20	Hotels and catering	66
21	Repair of consumer goods and vehicles	67
22	Rail transport	71
23	Other transport and misc transport services	72-77
24	Postal services and communications	79
25	Insurance, banking, finance, real estate and business services	81-85
26	Justice; Social Security; National defence; National Government nes	91 Part (9111, 9120, 9150, 9190)
27	Police and Fire Service	91 (9130, 9140)
28	Sanitary services; Local Government service nes	91(9112), 92
29	Education; Research and Development	93-94
30	Medical, other health and veterinary services; Other services provided to the general public	95-96
31	Recreational and cultural services	97
32	Personal and domestic services	98-99
33	Diplomatic representation and international organisations	00

Note At code A211 an industry coding is allocated to some non workers. At codes A093 and A243 an industry coding is only allocated to workers (ie persons coded 1 at code A015).

Family Expenditure Survey 1984

Coding Frame 5

TYPE OF HOUSEHOLD
(Information Code A069)

Value

- 1 Pensioner Household (DE definition - see below)
- 2 "Index" Household - (non-pensioner household, where income of Head of household is less than £*)
- 3 "Wealthy" Household (non-pensioner household, where income of Head of household is £* or more)

Pensioner households are those in which the following sources of income amount to at least three-quarters of the total household income (code 344P):-

- a) NI Disablement/war disability pensions received by men aged 60 or more.
- b) Current supplementary benefit received in conjunction with NI Disablement/war disability pensions by men aged 60 or more who are not in employment or who have been away from work without pay for more than 13 weeks.
- c) NI Retirement pensions or current invalidity Pensions received by men aged 65 or more.
- d) Current unemployment, sickness, industrial injury or supplementary benefit received by men aged 65 or more who are not in employment or who have been away from work without pay for more than 13 weeks.
- e) NI Retirement, Widows, War disability or current invalidity pensions received by women aged 60 or more.
- f) Current unemployment, sickness, industrial injury or supplementary benefit received by women aged 60 or more who are not in employment or who have been away from work without pay for more than 13 weeks.

*£350 per week (1st and 2nd quarters)
£350 per week (3rd and 4th quarters)

Family Expenditure Survey 1984

Coding Frames 6/7 Ranges of Gross Income of Household (Information code A059)

Ranges of Gross Income of Head (Information code A060)

Ranges of Gross Income of Chief Economic supporter (Information code A175)

Ranges of total expenditure (Information code A067)

Ranges of Disposable Income (Gross Household Income, less tax and NI Conts. Information code A107)

Range No.	From £'s per week	To £'s per week
1	0.000	39.999
2	40.000	44.999
3	45.000	49.999
4	50.000	54.999
5	55.000	59.999
6	60.000	64.999
7	65.000	69.999
8	70.000	79.999
9	80.000	89.999
10	90.000	99.999
11	100.000	109.999
12	110.000	119.999
13	120.000	124.999
14	125.000	139.999
15	140.000	149.999
16	150.000	159.999
17	160.000	174.999
18	175.000	179.999
19	180.000	199.999
20	200.000	224.999
21	225.000	249.999
22	250.000	274.999
23	275.000	299.999
24	300.000	324.999
25	325.000	349.999
26	350.000	374.999
27	375.000	399.999
28	400.000	449.999
29	450.000	499.999
30	500.000	Infinity

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Coding Frame 8 TYPE OF TENURE (Information Code A120)

Value	Type of Dwelling	Remarks
1	Rented from a Council or New Town Corporation (including Scottish Housing Associations)	
2	Other rented dwellings, unfurnished	
3	Other rented dwellings, furnished	
4	Owner occupied dwellings on which mortgage payments are being made	
5	Owner occupied dwellings - purchase completed	
6	Rent-free dwellings	

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Coding Frame 9

Type of investment
(Information Code A218)

Value	Description
1	National Savings Certificates only
2	SAYE (National Savings) only
3	SAYE (Building Society) only
4	Premium Bonds only
5	National Savings Certs and SAYE (NS)
6	National Savings Certs and SAYE (BS)
7	National Savings Certs and Premium Bonds
8	SAYE (NS) and SAYE (BS)
9	SAYE (NS) and Premium Bonds
10	SAYE (BS) and Premium Bonds
11	National Savings Certs + SAYE (NS) + SAYE (BS)
12	National Savings Certs + SAYE (NS) + Premium Bonds
13	National Savings Certs + SAYE (BS) + Premium Bonds
14	SAYE (NS) + SAYE (BS) + Premium Bonds
15	All four

Family Expenditure Survey 1984

Coding Frame 10

Standard Regions
(Information code A096)

Value	Standard Region
1	Northern
2	Yorks and Humberside
3	East Midlands
4	East Anglia
5	Greater London
6	South East (except Greater London)
7	South Western
8	Wales
9	West Midlands
10	North Western
11	Scotland
12	N Ireland

Family Expenditure Survey 1984

CODING FRAME 11

WEEK NUMBERS (Allocated according to the date on which households commenced record-keeping)

Week No.	STARTING DATES (All dates inclusive)	Week No.	STARTING DATES (All dates inclusive)
01	January, 1 to 7	25	July, 1 to 7
02	" 8 to 15	26	" 8 to 15
03	" 16 to 23	27	" 16 to 23
04	" 24 to 31	28	" 24 to 31
05	February, 1 to 7	29	August, 1 to 7
06	" 8 to 14	30	" 8 to 15
07	" 15 to 21	31	" 16 to 23
08	" 22 to end	32	" 24 to 31
09	March, 1 to 7	33	September, 1 to 7
10	" 8 to 15	34	" 8 to 15
11	" 16 to 23	35	" 16 to 23
12	" 24 to 31	36	" 24 to 30
13	April, 1 to 7	37	October, 1 to 7
14	" 8 to 15	38	" 8 to 15
15	" 16 to 23	39	" 16 to 23
16	" 24 to 30	40	" 24 to 31
17	May, 1 to 7	41	November, 1 to 7
18	" 8 to 15	42	" 8 to 15
19	" 16 to 23	43	" 16 to 23
20	" 24 to 31	44	" 24 to 30
21	June, 1 to 7	45	December, 1 to 7
22	" 8 to 15	46	" 8 to 15
23	" 16 to 23	47	" 16 to 23
24	" 24 to 30	48	" 24 to 31
		49	after December 31

Family Expenditure Survey 1984

Coding Frame 12

Households with married women
(Information code A052)

Value

1	Household with a working married woman with no children
2	Household with a working married woman with one child
3	Household with a working married woman with two children
4	Household with a working married woman with three children
5	Household with a working married woman with four children
6	Household with a working married woman with five children
7	Household with a working married woman with six or more children
8	Household with a married woman, not working, with no children
9	Household with a married woman, not working, one child
10	Household with a married woman, not working, with two children
11	Household with a married woman, not working, with three children
12	Household with a married woman, not working, with four children
13	Household with a married woman, not working, with five children
14	Household with a married woman, not working, with six or more children

Note This code is formed by a computer program which identifies the first working married woman in each household (Code A004, value 2; Code A006, value 1 or 2; and Code A015, value 1). Where a working married woman is identified, the number of children aged under 18 within the same family unit (Code A008) is then counted and Code A052 with values 1 to 7 above is formed for the household. Values 8 to 14 are formed for all other households with a married woman, the number of children again being determined by the number of children aged under 18 within the same family unit.

Family Expenditure Survey 1984

Coding Frame 13 TYPE OF FUEL MAINLY USED FOR ROOM HEATING
(Information Code A116)

Value	Types of Fuel
1	Coal
2	Coke
3	Electricity (including oil - filled radiators)
4	Gas/calor gas
5	Oil or paraffin
6	Other
7	Don't know
8	Coal, electricity, gas
9	Electricity, gas
10	Coke, electricity
11	Coal, electricity
12	Coal, coke
13	Coal, gas
14	Coke, gas
15	Coal, other
16	Coal, oil
17	Electricity, oil
18	Gas, oil
19	Coke, other
20	Coke, electricity, gas
21	Coal, Electricity, gas, oil
22	Coal, coke, electricity
23	Coal, coke, other
24	Coal, gas, oil
25	Coal, electricity, other
26	Electricity, gas, oil
27	Electricity, other
28	Coal, coke, gas, other
29	Gas, other
30	Oil, other
31	Coal, gas, other, oil
32	Coal, oil, other
33	Coal, gas, other
34	Coal, electricity, oil
35	Gas, electricity, oil other

Family Expenditure Survey 1984

Coding Frame 15

CSO Basic Household Composition
(Information Code A058)

CSO Codes		DE Codes (see Coding Frame 2)
1	(Pensioner Households)	1 + 2
2	(Non-Pensioner Households)	1 + 2
3	(All Households)	3 + 4
4	(Pensioner Households)	7 + 8
5	(Non-Pensioner Households)	7 + 8
6	(All Households)	9 + 10
7	" "	11 + 12
8	" "	13 + 14
9	" "	15
10	" "	16
11	" "	17
12	" "	19
13	" "	20
14	" "	21
15	" "	22
16	" "	24
17	" "	5, 6, 18, 23, 25, 26, 27, 28, 29, 30

Note: This Coding Frame is derived from code A056 (ie children are persons aged under 16, adults are persons aged 16 or over).

Family Expenditure Survey 1984

Coding Frame 18 Standard Regions (a revised order of regions, for use
in the FES Annual Report)
(Information code A098)

Value	Standard Region
1	Northern
2	Yorks and Humberside
3	North Western
4	East Midlands
5	West Midlands
6	East Anglia
7	Greater London
8	South East (except Greater London)
9	South Western
10	Wales
11	Scotland
12	N Ireland

Family Expenditure Survey, 1984

Age of Head of Household (Information Code A065)

Coding Frame 19 Age of Wife of Head (Information Code A066)

Age of Chief Economic Supporter (Information code A176)

Range Nos.	Age	Remarks
3	15 but under 20 years	The range number is obtained by dividing the age by 5 and ignoring any fraction remaining.
4	20 " " 25 "	
5	25 " " 30 "	
6	30 " " 35 "	
7	35 " " 40 "	
8	40 " " 45 "	
9	45 " " 50 "	
10	50 " " 55 "	
11	55 " " 60 "	
12	60 " " 65 "	
13	65 " " 70 "	
14	70 " " 75 "	
15	75 " " 80 "	
16	80 " " 85 "	
17	85 " " 90 "	
18	90 " " 95 "	
19	95 and over	

Family Expenditure Survey 1984

Coding Frame 20

Relationship to Head of Household
(Information Code A002)

Value	Relationship
0*	HOH
1	Wife or husband
2	Son or daughter
3	Son-in-law or daughter-in-law
4	Father or mother
5	Father-in-law or mother-in-law
6	Brother or sister
7	Grandson or grand-daughter
8	Other relative
9	Non-relative

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 22 Ranges of Personal Gross Employee Earnings
(Information code A248)

Range No.	From £'s per week	To £'s per week
1	0.000	29.999
2	30.000	34.999
3	35.000	39.999
4	40.000	44.999
5	45.000	49.999
6	50.000	59.999
7	60.000	69.999
8	70.000	84.999
9	85.000	99.999
10	100.000	114.999
11	115.000	134.999
12	135.000	164.999
13	165.000	194.999
14	195.000	224.999
15	225.000	254.999
16	255.000	284.999
17	285.000	334.999
18	335.000	384.999
19	385.000	434.999
20	435.000	534.999
21	535.000	643.999
22	635.000	Infinity

Family Expenditure Survey 1984

Coding Frame 23

Economic Position
(Information codes A090, A094, A178 and A202)

Value	Economic Position	Remarks
1	Self-employed	These values are formed by computer from information codes A004, A005, A201, A207 and A220 and product code 021P
2	Full-time employee at work	
3	Part-time employee at work	
4	Full-time employee temporarily away from work	
5	Part-time employee temporarily away from work	
6	Retired and of minimum NI pension age	
7	Retired but under minimum NI pension age	
8	Unoccupied and of minimum NI pension age	
9	Unoccupied but under minimum NI pension age	
10	Employee out of a job - worker	
11	Employee out of a job - non worker	

Family Expenditure Survey 1984

Coding Frame 24 Combination of durable goods available
 (Product code 487P and information code A190)

Value	Durables owned						Value	Durables owned					
1	T	-	-	-	-	-	32	-	-	-	-	-	C
2	-	TV	-	-	-	-	33	T	-	-	-	-	C
3	T	TV	-	-	-	-	34	-	TV	-	-	-	C
4	-	-	W/M	-	-	-	35	T	TV	-	-	-	C
5	T	-	W/M	-	-	-	36	-	-	W/M	-	-	C
6	-	TV	W/M	-	-	-	37	T	-	W/M	-	-	C
7	T	TV	W/M	-	-	-	38	-	TV	W/M	-	-	C
8	-	-	-	R	-	-	39	T	TV	W/M	-	-	C
9	T	-	-	R	-	-	40	-	-	-	R	-	C
10	-	TV	-	R	-	-	41	T	-	-	R	-	C
11	T	TV	-	R	-	-	42	-	TV	-	R	-	C
12	-	-	W/M	R	-	-	43	T	TV	-	R	-	C
13	T	-	W/M	R	-	-	44	-	-	W/M	R	-	C
14	-	TV	W/M	R	-	-	45	T	-	W/M	R	-	C
15	T	TV	W/M	R	-	-	46	-	TV	W/M	R	-	C
16	-	-	-	-	C/H	-	47	T	TV	W/M	R	-	C
17	T	-	-	-	C/H	-	48	-	-	-	-	C/H	C
18	-	TV	-	-	C/H	-	49	T	-	-	-	C/H	C
19	T	TV	-	-	C/H	-	50	-	TV	-	-	C/H	C
20	-	-	W/M	-	C/H	-	51	T	TV	-	-	C/H	C
21	T	-	W/M	-	C/H	-	52	-	-	W/M	-	C/H	C
22	-	TV	W/M	-	C/H	-	53	T	-	W/M	-	C/H	C
23	T	TV	W/M	-	C/H	-	54	-	TV	W/M	-	C/H	C
24	-	-	-	R	C/H	-	55	T	TV	W/M	-	C/H	C
25	T	-	-	R	C/H	-	56	-	-	-	R	C/H	C
26	-	TV	-	R	C/H	-	57	T	-	-	R	C/H	C
27	T	TV	-	R	C/H	-	58	-	TV	-	R	C/H	C
28	-	-	W/M	R	C/H	-	59	T	TV	-	R	C/H	C
29	T	-	W/M	R	C/H	-	60	-	-	W/M	R	C/H	C
30	-	TV	W/M	R	C/H	-	61	T	-	W/M	R	C/H	C
31	T	TV	W/M	R	C/H	-	62	-	TV	W/M	R	C/H	C
							63	T	TV	W/M	R	C/H	C
							*64	-	-	-	-	-	-

T = Telephone; TV = Television; W/M = Washing Machine;
 R = Refrigerator; C/H = Central Heating; C = Car

* Value 64 can only appear at code A190

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 25 Type of accommodation occupied by
 the household
 (Information Code A123)

Value	Type of Accommodation
1	Whole house detached
2	Whole house semi-detached
3	Whole bungalow detached
4	Whole bungalow semi-detached
5	Whole house/bungalow, terraced or end terraced
6	Purpose built flat or maisonette in block - with lift
7	Purpose built flat or maisonette in block - without lift
8	Part of house/converted flat or maisonette/rooms in house - with lift
9	Part of house/converted flat or maisonette/rooms in house - without lift
10	Dwelling with business premises
11	Mobile home/caravan/houseboat
12	Any other type of accommodation

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 26

Income from education grants, scholarships etc -
source of grant, level of education and type of
establishment attended

(Information codes A252)

Value	Source	Level	Establishment
1	State	Up to 'A' Level	State
2	"	" " " "	Private
3	"	Above 'A' Level	State
4	"	" " "	Private
5	"	DK/Other	State
6	"	" "	Private
7	Private	Up to 'A' Level	State
8	"	" " " "	Private
9	"	Above 'A' Level	State
10	"	" " "	Private
11	"	DK/Other	State
12	"	" "	Private
13	Overseas	All Levels	Either

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 27

Head of Household out of a job
(Information code A075)

Value	Description	Remarks
1	Unemployed - worker	Heads coded value 3 at code A201 and value 1 at code A015
2	Unemployed - non worker, away from work for more than one year	Heads coded value 3 at code A201 and greater than 52 at code A208
3	Unemployed - non worker, has never worked	Heads coded value 3 at code A201 and not coded at code A210
4	Sick but intending to seek work - worker	Heads coded value 4 at code A201 and value 1 at code A015
5	Sick but intending to seek work - non worker, away from work for more than one year	Heads coded value 4 at code A201 and greater than 52 at code A208
6	Sick but intending to seek work - non worker, has never worked	Heads coded value 4 at code A201 and not coded at code A210

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 28 Amount of Save As You Earn, National Savings Certificates
and Premium Bonds held
(Information code A284)

Value	Range of holdings of SAYE, NSC, Premium Bonds
1	£ 1.00 to £ 100.00
2	£ 101.00 to £ 250.00
3	£ 251.00 to £ 500.00
4	£ 501.00 to £1,000.00
5	£1,001.00 to £1,500.00
6	£1,501.00 to £2,000.00
7	£2,001.00 to £2,500.00
8	£2,501.00 to £3,000.00
9	£3,001.00 or over
10	D.K.

FAMILY EXPENDITURE SURVEY 1984

Coding Frame 29

Imputation of Income
(Information code A245)

Value	Item of Income which has been Imputed
1	Self-employment income (codes 326, 307, 328, 313)
2	Interest from Ordinary Savings A/C (code 373)
3	" " Investment A/C (code 333)
4	" " T.S.B. A/C (code 371)
5	" " Building Society (code 376)
6	" " Other savings A/C (code 374)
7	" " British Savings Bonds (code 408)
8	" " Unit Trusts (code 415)
9	" " Stocks, shares etc (code 378)
10	Any other imputed income

NB The code can appear more than once, depending on how many items of income have been imputed.

FAMILY EXPENDITURE SURVEY 1985

Coding Frame 30

Items included in rent
(Information code A132)

Value	Description
1	Rent + WR + SR + ER
2	Rent + WR + SR + ER + heating costs (amounts not known)
3	Rent + WR + SR + ER + other services (amounts not known)
4	Rent + WR + SR + ER + heating costs and other services (amounts not known)
5	Rent only
6	Rent only + heating costs (amounts not known)
7	Rent only + other services (amounts not known)
8	Rent only + heating costs and other services (amounts not known)
9	Rent + WR + SR + ER + heating costs (amounts known)
10	Rent + WR + SR + ER + other services (amounts known)
11	Rent + WR + SR + ER + heating costs and other services (amounts known)
12	Rent only + heating costs (amounts known)
13	Rent only + other services (amounts known)
14	Rent only + heating costs and other services (amounts known)
15	Not used

N.B. If some 'other services' costs are known and some are not, treat as 'amount not known'.