SN:1921

FAMILY EXPENDITURE SURVEY 1982

USER GUIDE

VOLUME 1

SN: 1921

CONTENTS

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."

FAMILY EXPENDITURE SURVEY

ANNUAL BASE TAPE 1982

This note gives details of the contents and layout of the FES annual base tape for 1982. Information about the tape is given in seven appendices, as follows:-

Department of Employment
Statistics Division

December 1982

Family Expenditure Survey
Annual Base Tape, 1982

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 82 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 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	)	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

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 to L (excluding D) 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 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 275 and 301 V to 421 V. The records of persons under 16 years of age contain only codes in the range 395 V to 397 V, 401V and A 253.

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.

19   Education Record

The education record will not appear on tapes for 1981 onwards.

Family Expenditure Survey 1982

Records on annual base tape

1	Record name : Household Ident	Word count (6)	1(24)
	Recprd 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	1(24)
	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
Record size : Min 4; average 4; max 4
Records per file : Average 3000
Record length : Fixed

Word count (4)				1(24)
H	I	R	E	X(4)
(	Household Ref			X(4)
(	Number			X(4)

6 Record name : Credit/HP data
Record size : Min 8; average 32; max 512
Records per file : Average 3000
Record length : variable

Word count				1(24)
0	0	0	3	X(4)
			0	1(24)
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
Record size : Min 5; average 5; max 5
Records per file : Average 20,000
Record length : Fixed

Word count (5)				1(24)
P	E	R	S	X(4)
(	Household Ref			X(4)
(	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/ day		X(4)
Record length : variable			Value			1(24)
			Code	Week/ day		X(4)
			Value			
			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)

FAMILY EXPENDITURE SURVEY 1982

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 275 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 or Preparatory
A 007*	7	Q 7	" - Private and Independent Schools, Secondary
A 007*	8	Q 7	" - University
A 007*	9	Q 7	" - Teacher Training College or advanced further education
A 007*	10	Q 7	- Non advanced further education up to 'A' level
A 007*	11	Q 7	" - Other run on a commercial basis (h.e. or f.e.)

Code	Value	Question Number	Item
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*			Temporary code - employment position, 1981 definition
A 013*	1		Working (all persons coded 1,2,3 or 4 at Code A201 or coded at Code A275)
A 013*	2		Retired or unoccupied and of minimum NI pension age (males aged 65 and over coded 5,6 or 7 at Code A201 and not coded 1 at Code A013, females aged 60 and over coded 5,6, or 7 at Code A201 and not coded 1 at Code A013
A 013*	3		Full-time education (all persons coded 3 to 11 at Code A007 and not coded 1 or 2 at Code A013)
A 013*	4		Other (all persons not coded 1,2 or 3 at Code A013)
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
A 030*	Number of female children in household - aged under 2
A 031*	" " " " " " - aged 2 but under 5
A 032*	" " " " " " - aged 5 but under 18
A 033*	Number of female adults in household - aged under 45 (see note 4)
A 034*	" " " " " " - aged 45 but under 60
A 035*	" " " " " " - aged 60 but under 65
A 036*	" " " " " " - aged 65 but under 70
A 037*	" " " " " " - aged 70 and over
A 038*	Number of females in household - working
A 039*	" " " " " - total
A 040*	Number of children in household - aged under 2
A 041*	" " " " " - aged 2 but under 5
A 042*	" " " " " - aged 5 but under 18
A 043*	Number of adults in household - aged under 45 (see note 4)
A 044*	" " " " " - aged 45 but under 60
A 045*	" " " " " - aged 60 but under 65
A 046*	" " " " " - aged 65 but under 70
A 047*	" " " " " - aged 70 and over
A 048*	Number of persons in household - working
A 049*	" " " " " - total
A 050*	" " " " " - retired or unoccupied and of minimum NI pension age
A 051*	Number of persons in household - retired or unoccupied but under minimum NI pension age
A 052*	Code for households with married women (see Coding Frame 12)
A 053*	Not used
A 054*	Sampling Group - No. of times primary sampling unit used
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)

Code	Value	Question Number	Item
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*			Ranges of CSO Net Household Income (Code 456P ranged as in Coding Frame 16)
A 062*			Ranges of CSO Original Household Income (Code 459P ranged as in Coding Frame 17)
A 063*			Ranges of CSO Housing Costs (Codes 400P to 417P ranged as in Coding Frame 14)
A 064*			Type of tenure (CSO) - (see Coding Frame 9)
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*			Ranges of total expenditure (CSO) - (Codes 470P and 471P ranged as in Coding Frame 17)
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*			Temporary code - no. of working males in household, 1981 definition
A 073*			Temporary code - no. of working females in household, 1981 definition
A 074*			Temporary code - no. of working persons in household, 1981 definition
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 or Preparatory
A 082*			- Private and Independent Schools Secondary
A 083*			- University
A 084*			- Teacher Training College or advanced further education
A 085*			- Non advanced further education up to 'A' level
A 086*			- Other further or higher education run on a commercial basis

Code	Value	Question Number	Item
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)
A 091*			Social Grade of Head of Household (see Coding Frame 21)
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*			N Ireland Council dwelling
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 70	Hire purchase - Bank
A 100*	2	Q 70	" " Finance House
A 100*	3	Q 70	" " Second mortgage
A 100*	4	Q 71	" " HP agreement
A 100*	5	Q 71	" " Credit Sale agreement
A 101		Q 70/71	Hire Purchase - Number of instalments
A 102	1	Q 53	Telephone in household
A 103	5	Q 45	Household has - gas only
A 103	6	Q 45	- electricity only
A 103	7	Q 45	- gas and electricity
A 103	8	Q 45	- 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 55	TV set in household
A 106	1	Q 55	Rented TV - paid by slot meter
A 106	2	Q 55	- paid by regular payments
A 106	3	Q 55	- other means of payment
A 107*			Ranges of Disposable Income (code 389P ranged as in Coding Frame 6)
A 108	1	Q 44	Washing machine available in household
A 109	7	Q 18	Type of tenure - housing association, rented unfurnished
A 110	1	Q 18	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 17	Number of garages owned/rented/occupied rent-free

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 116			Not used in 1981
A 117			Not used in 1981
A 118			Not used in 1981
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 18	Type of tenure - Council or New Town Corporation, rented unfurnished
A 120	2	Q 18	- Other rented, unfurnished
A 120	3	Q 18	- Rented, furnished
A 120	4	Q 18	- Owned with mortgage
A 120	5	Q 18	- Owned outright
A 120	6	Q 18	- Rent-free
A 121	1	Q 32	Option mortgage on dwelling
A 122	1	Q 16	Accommodation built before 1919
A 122	2	Q 16	" " between 1919 and 1944
A 122	3	Q 16	" " " 1945 and 1964
A 122	4	Q 16	" " 1965 or later
A 122	5	Q 16	" " - DK but after 1944
A 122	6	Q 16	" " - DK
A 123		Q 84	Type of accommodation occupied (see Coding Frame 25)
A 124		Q 56	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*			Ranges of original income including cash benefits (code 460P ranged as in Coding Frame 17)
A 127		Q 29	Month/Year of most recent lump sum rates rebate
A 128	1	Q 45	Gas paid by - slot meter
A 128	2	Q 45	- account
A 128	3	Q 45	- Board Budgeting scheme
A 128	4	Q 45	- Other method or 2 or more methods
A 129	1	Q 89	Local Authority concessionary bus travel provisions for OAP - Free bus pass or permit
A 129	2	Q 89	- Half fare bus pass or permit
A 129	3	Q 89	- Flat fare bus pass or permit
A 129	4	Q 89	- Bus tokens or bus tickets
A 129	5	Q 89	- Any other type of concessionary OAP bus pass
A 129	7	Q 89	- Local Authority does not operate a concessionary scheme
A 130	1	Q 45	Electricity paid by - slot meter
A 130	2	Q 45	- account
A 130	3	Q 45	- Board budgeting scheme
A 130	4	Q 45	- other method or 2 or more methods

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 131*			Type of tax unit - unit No. 1 (see Coding Frame 13)
A 132*			" " " " - unit No. 2 (" " " ")
A 133*			" " " " - unit No. 3 (" " " ")
A 134*			" " " " - unit No. 4 (" " " ")
A 135*			" " " " - unit No. 5 (" " " ")
A 136*			" " " " - unit No. 6 (" " " ")
A 137*			" " " " - unit No. 7 (" " " ")
A 138		Q 52	Gas - Month/year of last account
A 139		Q 52	Electricity - Month/Year of last account
A 140	1	Q 29	Rate rebate received in last 12 months

Code	Value	Question Number	Item
A 141*			Tax unit Income range - Unit no. 1 (code 461P ranged as in Coding Frame 22)
A 142*			" " " " - Unit no. 2 (code 462P ranged as in Coding Frame 22)
A 143*			" " " " - Unit no. 3 (code 463P ranged as in Coding Frame 22)
A 144*			" " " " - Unit no. 4 (code 464P ranged as in Coding Frame 22)
A 145*			" " " " - Unit no. 5 (code 465P ranged as in Coding Frame 22)
A 146*			" " " " - Unit no. 6 (code 466P ranged as in Coding Frame 22)
A 147*			" " " " - Unit no. 7 (code 467P ranged as in Coding Frame 22)
A 148		Q 29	Tens = Period code for rates payment; Units = Period code for rates rebate
A 149		Q 56	Number of privately owned cars in household
A 150	1	Q 44	Central Heating by electricity
A 151	1	Q 44	Central Heating by gas
A 152	1	Q 44	Central Heating by oil
A 153	1	Q 44	Central Heating by solid fuel
A 154	1	Q 44	Central Heating by fuel not known
A 155	1		Sewerage/environmental charges collected by local authority
A 155	2		Sewerage/environmental charges collected by water authority
A 156	1	Q 23	Service - Source of heating - Electricity
A 156	2	Q 23	" " " " - Gas
A 156	3	Q 23	" " " " - Other
A 156	4	Q 23	" " " " - Not known
A 157	1	Q 75	Free travel to State School by bus or train
A 157	2	Q 75	Travel to State School is not free
A 157	3	Q 75	Travel to State School is free for some but not all
A 158		Q 39	Mortgage Interest - Month/year period started
A 159		Q 39	" " " " " ended
A 160		Q 56	Number of cars in household
A 161		Q 56	Number of vans in household
A 162		Q 56	Number of motorcycles etc in household
A 163			Not used in 1982
A 164		Q 44	Household has - fridge/freezer
A 165		Q 44	" " - fridge
A 166		Q 44	" " - freezer
A 167		Q 75	Number of children travelling to State School by bus or train
A 168			Not used from 1981
A 169			Not used from 1981
A 170			Not used from 1981
A 171			Not used from 1981
A 172			Not used from 1981
A 173			Not used in 1982

Information from Household Schedule (Schedule A) (contd)

Code	Value	Question Number	Item
A 174	1		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*			Number of persons aged 5 to 13 years
A 181*			Number of males aged 18 to 24 years
A 182*			Number of females aged 18 to 24 years
A 183*			Number of persons aged 5 to 16 years
A 184*			Number of males aged 16 to 64 years
A 185*			Number of males aged 65 to 74 years
A 186*			Number of males aged 75 or over
A 187*			Number of females aged 16 to 64 years
A 188*			Number of females aged 65 to 74 years
A 189*			Number of females aged 75 or over
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 78	Educational courses up to and including 'A' level - type of establishment attended:
A 193	1	Q 78	State only
A 193	2	Q 78	Private only
A 193	3	Q 78	Individual only
A 193	4	Q 78	State and private
A 193	5	Q 78	State and individual
A 193	6	Q 78	Private and individual
A 193	7	Q 78	State, private and individual
A 194	1-7	Q 78	Educational courses above 'A' level - type of establishment attended: coded as in A 193
A 195	1-7	Q 78	Any other course or private tuition - type of establishment attended: coded as in A 193
A 196		Q 74	Number of 'paid for' school meals in past 7 days
A 197		Q 74	Number of free school meals in past 7 days
A 198		Q 76	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 39	Self-employed - value 1 = full time; value 2 = part time
A 203	2	Q 39	(1st self-empt is coded in tens position: 2nd in units position)
A 204		Q 9	Employee earnings - week/year last time paid
A 205		Q 54	Industrial injury disablement pension - no. of weeks received
A 206		Q 4	Number of weeks retired

Code	Value	Question Number	Item
A 207	1	Q 2	Away from work because of - illness or accident
A 207	2	Q 2	- holiday
A 207	3	Q 2	- strike
A 207	4	Q 2	- other reason
A 208		Q 3	Number of weeks away from work
A 209	1	Q 2	Away from work - on full pay
A 209	2	Q 2	- on part pay
A 209	3	Q 2	- without pay
A 210		Q 8	Main occupation (see Coding Frame 3)
A 211		Q 8	Main industry (see Coding Frame 4)
A 212	1	Q 8	Subsidiary occupation as an employee
A 213		Q 11	Code for period covered by last wage or salary
A 214	1	Q 8	Subsidiary occupation as self-employed
A 215		Q 5	Number of weeks worked in last year
A 216		Q 18/19	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			Not used in 1982
A 219		Q 20	Paid overtime hours worked
A 220		Q 16	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 56	Unemployment benefit - number of weeks received
A 223	1	Q 56	" " - receiving at present
A 224		Q 53	Sickness/Industrial injury benefit - number of weeks received
A 225	1	Q 53	Sickness/Industrial injury benefit - receiving at present
A 226		Q 35	Self-employment income - month/year period ended
A 227		Q 35	" " " - no. of months for which figures available
A 228		Q 60	Supplementary benefit - number of weeks received
A 229	1	Q 60	" " - 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
A 232		Q 64	Other State Benefits - number of weeks received
A 233	1	Q 64	" " " - receiving at present
A 234			Not used in 1982
A 235		Q 15	Pay slip seen/consulted/not consulted
A 236	3	Q 69	Public sector pension from own employment
A 236	4	Q 69	Public sector pension from spouse's employment
A 237	3	Q 70	Private sector pension from own employment
A 237	4	Q 70	Private sector pension from spouse's employment

Code	Value	Question Number	Item
A 238	1	Q 54	Industrial injury disablement pension - receiving at present
A 239		Q 59	Maternity allowance - no. of weeks received
A 240	1	Q 59	" " - 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*			Occupation (see Coding Frame 3)
A 243*			Industry (see Coding Frame 4)
A 244		Q 17	Number of hours paid overtime usually worked per week
A 245	1		Person for whom item of income has been imputed
A 246	1	Q 57	Has been on TOPS course in last year
A 246	2	Q 57	Has been YOPS course in last year
A 247		Q 81	Cwts of concessionary coal/coke in last year
A 248			Not used in 1982
A 249		Q 57	Number of weeks on TOPS/YOPS course in last year
A 250	1	Q 9	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 - source of grant, level and establishment (see Coding Frame 26)
A 253			Education Grants - child under 16 - source, level and establishment (see Coding Frame 26)
A 254	1	Q 22	Last wage/salary is normal
A 255	1	Q 30	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 52	Contributory invalidity pension/allowance - no. of weeks received
A 259	1	Q 52	" " " - receiving at present
			Quality indicators for investment income codes (Value 1 = No notation of quality of data; 2 = Estimate; 3 = Don't know; 4 = Refusal)
A 260			Quality of code 373
A 261			" " " 371
A 262			" " " 375
A 263			" " " 376
A 264			" " " 374
A 265		Q 56	Number of weeks unemployed in the last 12 months
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)

Code	Value	Question Number	Item
A 267		Q 55	Number of weeks paid by employer while at the same time in receipt of contributory invalidity pension, sickness and/or industrial injury benefits
			Quality indicators for self-employment income codes (Value 1 = No notation of quality of data; 2 = Estimate; 3 = Don't know; 4 = Wrong answer; 5 = Refusal)
A 268			Quality of data in code 326
A 269			" " " " " 307
A 270			" " " " " 328
A 271			" " " " " 313
A 272	1	Q 55	Receipt of payment from employer while at the same time in receipt of contributory invalidity pension, sickness and/or industrial injury benefits - payment every week by employer
A 272	2	Q 55	- payment for some of the weeks
A 273	1	Q 57	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.

FAMILY EXPENDITURE SURVEY 1982

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
		Gross rent/rates
010	Q19	- all rented dwellings
011*		- Council, rented unfurnished
012*		- Other rented, unfurnished
013*		- Rented, furnished
014	Q29	Rates rebate - Most recent lump-sum refund
015		Not used from 1980
016		Not used from 1980
017	Q44	Expenditure on fuel oil for central heating
018 to 019		Not used
		Gross rent/rates including non-separable service element
020	Q23	- all rented dwellings
021*		- Council, rented unfurnished
022*		- Other rented, unfurnished
023*		- Rented, furnished
024		Not used in 1982
025	Q23	Service element paid with rent - lighting, heating, hot water
026		Not used in 1982
027	Q23	Service element paid with rent - other services
028 to 029		Not used
		Gross rates if paid separately
030	Q25	- 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	Q29	- 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	Q29	Lump sum refunds of rates rebate/relief
048 to 049		Not used
		Water charges
050	Q27	- 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	Q85	- 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
		Insurance on structure of dwelling
110	Q41	- all tenure types
111*		- Council, rented unfurnished
112*		- other rented, unfurnished
113*		- rented, furnished
114*		- owned with mortgage
115*		- owned outright
116*		- rent-free
117 to 119		Not used
120		Not used from 1981
121, 122		Not used
123		Not used from 1981
124		Not used
125		Not used from 1981
126		Not used from 1981
127 to 129		Not used
		"Interest only" mortgages - interest paid
130	Q34	- 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 139		Not used
140 to 149		Not used from 1970
		"Interest/Principal" mortgages - interest paid
150	Q39	- 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 in 1982
157		Deleted business expenditure - taxis and self-drive hire cars
158	Q75	Amount paid for travel to state schools in last 7 days
159	Q77	Annual value of state grant not currently received
160	Q78	Education fees, up to and including 'A' level
161	Q78	Education and maintenance fees above 'A' level
162	Q78	Fees paid for other courses
163	Q89	Value of OAP concessionary bus tokens or tickets
164	Q83	Education fees paid for person outside the household
165		Not used
166	Q53	Telephone account - own telephone
167		Not used in 1982
168	Q42/43	Insurance on contents of dwelling
169		Not used from 1980

Items from Household Schedule (Schedule A)

Code	Question Number	Item
170	Q47	Gas - amount paid in last account
171		Not used from 1981
172		Not used from 1981
173	Q46	Gas - slot meter rebate
174		Not used from 1980
175	Q47	Electricity - amount paid in last account
176		Not used from 1981
177		Not used from 1981
178	Q46	Electricity - slot meter rebate
179	Q58	Refund of Road Fund Tax
180	Q63	Bank charges
181	Q54	Licences - Television
182		Not used from 1978
183		Not used from 1978
184	Q54	Licences - Dog
185	Q54	Licences - Other licences (except driving)
186	Q54	Licences - Driving
187	Q56	Motor vehicle tax
188	Q56	Motor vehicle insurance
189	Q17	Garage rent
190		Not used
191	Q60	Season tickets - road
192		Not used in 1982
193		Not used from 1981
194	Q55	TV slot meter rebate
195	Q55	TV rental - amount paid on last account
196	Q61	Life assurance
197		Not used from 1981
198		Not used from 1981
199	Q61	Insurance premiums on mortgage endowment policies
		"Interest/Principal" mortgages - last instalment
200	Q37	- 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	Q62	Other (not life) insurances
207	Q77	Income from scholarships - household total
208		Not used
209	Q77	Value of private scholarships
210	Q77	Value of public scholarships
211 to 218		Not used from 1981
219	Q60	Season ticket - tube
220		Not used from 1981
221	Q48	Gas - last payment under Board Budgeting Scheme

Items from Household Schedule (Schedule A)

Code	Question Number	Item
222	Q48	Electricity - last payment under Board Budgeting Scheme
223	Q50	Gas - amount shown on last account
224	Q50	Electricity - amount shown on last account
225 to 228		Not used from 1981
229	Q62	Medical insurance
230	Q22	Rent rebate
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 in 1982
237		Not used from 1981
238		Not used from 1981
239	Q70/71	Hire purchase - cash price
240		Not used
241	Q70/71	Hire purchase - part exchange allowance
242	Q70/71	Hire purchase - down payment
243	Q70/71	Hire purchase - original agreed instalment
244	Q59	Outright purchases - new cars
245	Q59	Outright purchases - second-hand cars
246		Not used in 1982
247	Q59	Outright purchases - new and second-hand motor cycles
248		Petrol and oil)
249		Other motoring expenses)
250		Public transport)
251		Meals out) Deleted business expenses
252		Telephone)
253		Alcoholic drink)
254		Not used from 1979
255	Q60	Season tickets mixed - rail/bus (not tube)
256	Q60	Season tickets - rail and mixed rail/tube
257	Q60	Season tickets mixed - other
258		Not used from 1981
259	Q73	School milk - imputed value
260	Q74	School meals - cost
261		Not used from 1981
262*		Income of Chief Economic Supporter
263	Q73	NMS liquid milk - imputed
264*		Age of Chief Economic Supporter (£1 = 10 years)
265		Not used in 1982
266		Not used
267		Imputed housing costs for certain business expense cases
268		Other imputed costs for certain business expense cases
269		Not used from 1979

Items from Household Schedule (Schedule A)

Code	Question Number	Item
		PAYMENTS BY BANKERS STANDING ORDER:
270	Q64	AA/RAC subscriptions
271	Q64	Subs to golf clubs, sports clubs etc
272	Q64	Subs to Friendly Societies
273	Q64	Subs to TUs, professional organisations
274	Q64	Subs to magazines, periodicals
275	Q64	Other subscriptions
276	Q64	Savings
277		Not used from 1978
278	Q64	Cash gifts
279	Q64	Charitable gifts
280	Q64	Other payments by Bankers Order (except Fuel oil)
281	Q64	Fuel oil
282 to 299		Not used

Items from Income Schedule (Schedule B)

Code	Question Number	Item
300, 301		Not used
302	Q4	Gross earned income before retirement
303	Q10	Last net wage/salary - main occupation
304	Q12	PAYE Income tax refund - main occupation
305	Q13	PAYE Income tax deduction - main occupation
306	Q14	NI contribution deducted from pay - main occupation
307	Q35	Net loss from self-employment
308	Q15	Other deductions from pay - main occupation
309	Q31	Last net wage/salary - subsidiary occupation
310	Q33	Tax deducted from last net wage/salary - subsidiary occupation
311	Q33	NI contribution deducted from pay - subsidiary occupation
312	Q23	Occasional additions to pay - bonuses etc (gross)
313	Q35	Self-employment income if period covered is less than 12 months
314		Not used in 1982
315	Q22	Normal (gross) wage or salary, if different from last main occupation only
316	Q25	Value of luncheon vouchers used in last 7 days
317	Q25	Value of free meals from employer in last 7 days
318	Q15	Superannuation contributions deducted from pay - main occupation
319	Q33	Superannuation conts and other deductions from pay - subsidiary occupation
320	Q25	Value of other free food from employer in last month
321	Q81	Concessionary coal and coke - cost
322	Q81	Concessionary coal and coke - imputed value
323		Not used in 1982
324		Not used in 1982
325	Q54	Industrial injury disablement pension - last payment
326	Q35	Self-employment income
327	Q35	Value of self-supply goods
328	Q35	Income from second self-employment
329	Q22	Normal (net) wage or salary, if different from last - main occupation only
330	Q23	Occasional additions to pay - bonuses etc (net)
331		Not used from 1980
332		Not used from 1980
333		Not used from 1980
334	Q88	Money sent abroad to private individual
335	Q88	Money sent abroad to charity
336	Q42	NI contributions - all classes
337	Q43	Family allowance; children's interim payment; child's benefit - current rate
338	Q44	NI Retirement, old person's pension - current rate
339	Q45	NI widow's benefits - current rate
340	Q46	War disability pension and allowances - current rate
341	Q59	Maternity allowance - last payment

Items from Income Schedule (Schedule B)

Code	Question Number	Item
342	Q69	Current pension from public sector - last net payment
343	Q69	Current pension from public sector - amount of tax deducted
344	Q70	Current pension from private sector - last net payment
345	Q70	Current pension from private sector - amount of tax deducted
346	Q71	Current annuity - last net payment
347	Q71	Current annuity - amount of tax deducted
348	Q72	Current payment from trust/covenant - last net payment
349	Q72	Current payment from trust/covenant - amount of tax deducted
350	Q68	Current TU pension
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 in 1982
354		Not used in 1982
355	Q25	Value of luncheon vouchers received in last 7 days
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 - difference between annual value of education grant (Codes 209 & 210) and amount received in cash (Code 207)
362	Q56	NI Unemployment benefit - last payment
363	Q53	NI Sickness benefit/NI Industrial Injuries benefit - last payment
364		Not used in 1982
365	Q60	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	Q52	Contributory invalidity pension and allowance - last payment
370	Q24	Amount of tax relief claimed for employment expenses
371	Q74	Interest on Trustee Savings Bank deposits
372		Not used from 1979
373	Q74	Interest on National Savings Bank deposits
374	Q74	Interest on other savings or bank deposits
375	Q74	Interest on Co-op Society shares and dividends on purchases
376	Q74	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, LA securities etc
379		Not used from 1979
380		Not used from 1979
381	Q84	Other earned income from odd jobs, occasional fees etc
382	Q57	TOPS, YOPS allowance - last payment
383	Q83	Earnings as mail order agent, baby sitter
384		Other unearned income
385	Q78	Married women's allowance from absent husband
386	Q87	NI contributions paid direct
387	Q85	Tax paid direct to Inland Revenue - income tax
388		Not used from 1981
389		Not used from 1979
390	Q86	Income tax refund - other than PAYE
391	Q86	Income tax refund deleted (from Code 390)
392		Income from scholarships - person aged 16 or over
393		Not used from 1981
394	Q65	Lump sum Christmas bonus to pensioners
395		Income from scholarships - child under 16
396	Q89	Other income of child under 16
397	Q89	Expenditure by child under 16
398		Not used in 1982
399		Not used
400		Not used in 1982
401		Child under 16 - difference between annual value of education grant and amount received in cash
402		Not used in 1982
403		Not used in 1982
404		Not used in 1982
405		Not used in 1979
406	Q61	NI Maternity grant
407	Q63	NI Death grant
408	Q75	Interest on British Savings Bond, War Loan
409		Not used in 1982
410		Not used in 1982
411		Not used from 1981
412		Not used from 1981
413		Not used in 1982
414		Not used in 1982
415	Q75	Interest on Unit Trusts
416		Not used in 1982
417	Q47	Mobility allowance
418	Q48	Non-contributory invalidity pension
419	Q49	Housewives non-contributory invalidity pension
420	Q50	Invalid care allowance
421	Q51	Attendance allowance

FAMILY EXPENDITURE SURVEY 1982

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 1982

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

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, 308, 318.

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, 308, 312, 318 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   Normal hourly earnings (main employment):-
                  Code 008P divided by code A 220.

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   Tax on interest from Building Society shares and deposits:-
        Code 376 multiplied by 0.2658.

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 £3.50 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.

Code	Description

027P   Current Other Social Security benefits:-
                 If code A 233 is present, code 367.

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, 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 has a value of
                 1, code 366, plus, if code A 240 has a value of 1, code
                 341.

031P   Social Security benefits included in income calculation:-
                 Sum of codes 013P, 016P, 027P, 028P, 337, 338, 339, 340,
                 394, 417 to 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; invalid care and attendance allowance; sum of codes
            016P, 337, 340, 394, 417 to 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	**Tax on interest from Unit Trusts:-** Code 415 multiplied by 0.4286
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 factors as for code 039P
045P	**Self-supply goods:-** Code 327.
046P	**Income in kind from Schedule B:-** Sum of codes 317, 320, 322, 327.
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 020P, 039P, 044P, 348, 349, 360, 371, 373, 374, 375, 376, 378, 384, 408, 415.
049P	**Income from pensions, annuities:-** Sum of codes 342, 343, 344, 345, 346, 347, 350.
050P	**Income from other sources:-** Sum of codes 026P, 316, 352, 381, 385, 392, 395, 396 minus codes 361, 401, 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.

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 to 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 020P, 039P, 044P, 065P, 343, 345, 347, 349,
                     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   Person working (old definition):-
          If code A 201 has a value of 1 but less than 5 or if code A 275 is present the product code has a value of 1.

075P   Current NI employees contribution:-
          If either code A250 or code A 255 is coded, sum of codes 306 and 311.

076P   Type of education of working student:-
          If code 021P is coded, code A 007.

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 020P, 039P, 044P, 077P, 343, 345, 347, 349, 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 242.

093P   Total personal gross income (current):-
                     Code 053P.

094P   Age of head of household:-
                     Code A 005.

095P   Income in kind from Schedule B:-
                     Code 046P.

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.

Code	Description

098P   **Male head of household:-**
         If Code A 004 has a value of 1, the product code has a value of 1.

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.

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:-**
        Code 046P.

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, 323, 2250, 2260, 2400 to 2610.

118P   **Food:-**
        Sum of codes 1010 to 1990, 8400 to 8540.

119P   **Alcoholic Drink:-**
        Sum of codes 2010 to 2090.

120P   **Tobacco:-**
        Sum of codes 2110 to 2130.

121P   **Clothing and Footwear:-**
        Sum of codes 3010 to 3490.

122P   **Durable Household Goods:-**
        Sum of codes 4010 to 4360, 6010, 6030, 7840, 7860.

123P   **Other Goods:-**
        Sum of codes 6110 to 6550, 7210 to 7490.

124P   **Transport and Vehicles:-**
        Sum of codes 5010 to 5590.

125P   **Services:-**
        Sum of codes 334, 335, 2270 to 2290, 7510 to 7710, 7730,
        7750, 7810, 7820, 7880 to 7930, 7960 to 7990, 8020.

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, 7950, 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):- Code 308 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	"Usual" employers NI contribution:- Code 136P multiplied by sum of codes A 222, A 224, A 249, A 258, divided by 52.
145P	Actual hourly earnings (main employment):- Code 005P divided by code A 216.

Personal expenditure on house repairs/maintenance

Code	Description
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 317, 320, 322, 327.

164P   Income from Schedule B:-
        Sum of codes 006P, 025P, 027P, 130P to 135P, 137P, 138P, 304, 308, 309, 316, 326, 328, 337 to 340, 342, 344, 346, 348, 350, 352, 357, 360, 371, 373 to 376, 378, 381, 383 to 385, 390, 394, 396, 406 to 408, 415, 417 to 421 minus the sum of codes 029P, 141P to 143P, 387.

Personal Components of Original Household Income

166P   Income from Schedule B:-
        Sum of codes 006P, 020P, 039P, 044P, 132P, 137P, 305, 306, 308 to 312, 316, 326, 328, 342 to 350, 352, 360, 371, 373 to 376, 378, 381, 383 to 385, 396, 408, 415, 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 to 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   DE check code.

170P   Tax Unit income from Schedule B:-
        Sum of codes 006P, 020P, 039P, 044P, 305, 306, 308 to 312, 326, 328, 338, 339, 342 to 350, 360, 371, 373, 374, 376, 378, 381, 384, 396, 408, 415, 417, 420 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)
173P)   DE Check codes.

174P   Consumers expenditure (personal expenditure from record books
        and Schedule B):-
        Sum of codes 071P, 127P, 7950.

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.

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 and 395, minus codes 361, 401.

180P   Current earnings from work as a mail order urgent and/or baby
        sitter:-
        If code A 275 is present, code 383.

            Tax Unit income:-
181P   Tax Unit 1:- If code A 008 has a value of 1, sum of codes 170P,
        171P.
182P   Tax Unit 2:- If code A 008 has a value of 2, sum of codes 170P,
        171P.
183P   Tax Unit 3:- If code A 008 has a value of 3, sum of codes 170P,
        171P.
184P   Tax Unit 4:- If code A 008 has a value of 4, sum of codes 170P,
        171P.
185P   Tax Unit 5:- If code A 008 has a value of 5, sum of codes 170P,
        171P.
186P   Tax Unit 6:- If code A 008 has a value of 6, sum of codes 170P,
        171P.
187P   Tax Unit 7:- If code A 008 has a value of 7, sum of codes 170P,
        171P.

Code	Description

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,
           020P, 027P, 037P, 039P, 044P, 047P, 180P, 338, 339, 342
           to 349, 352, 360, 371, 373 to 376, 378, 381, 384, 385,
           408, 415, 417, 420 minus code 071P.

193P   Wife of Head of Unit:-
           If code A 009 has a value of 2, sum of codes 004P, 014P,
           020P, 027P, 037P, 039P, 044P, 047P, 180P, 338, 339, 342
           to 349, 352, 360, 371, 373 to 376, 378, 384, 385, 408,
           415, 417, 420 minus code 071P.

194P   Other members of Unit:-
           If code A 009 has a value of 3, sum of codes 004P, 014P,
           020P, 027P, 037P, 039P, 044P, 047P, 180P, 338, 339, 342
           to 349, 352, 360, 371, 373 to 376, 378, 384, 385, 408,
           415, 417, 420 minus code 071P.

Income not assessable to tax

195P   Head of Tax Unit:-
           If code A 009 has a value of 1, sum of codes 009P, 010P,
           013P, 016P, 022P, 023P, 025P, 026P, 032P, 071P, 337, 340,
           356, 392, 394, 395, 396, 418, 419, 421, minus codes 361,
           401.

196P   Wife of Head of Unit:-
           If code A 009 has a value of 2, sum of codes 009P, 010P,
           013P, 016P, 022P, 023P, 025P, 026P, 032P, 071P, 337, 340,
           356, 381, 392, 394, 395, 396, 418, 419, 421, minus codes
           361, 401.

197P   Other members of Unit:-
           If code A 009 has a value of 3, sum of codes 009P, 010P,
           013P, 016P, 022P, 023P, 025P, 026P, 032P, 071P, 337, 340,
           356, 381, 392, 394, 395, 396, 418, 419, 421, minus codes
           361, 401.

Code	Description

198P   Economic Activity:-
          Code A 201.

199P   DE check code.

        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.

204P   Not used from 1979.

        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 = "   " A 120 " " "   " 2, " "
          042 and 047.
207P   Tenure type 3 = "   " A 120 " " "   " 3, " "
          043 and 047.
208P   Tenure type 4 = "   " A 120 " " "   " 4, " "
          044 and 047.
209P   Tenure type 5 = "   " A 120 " " "   " 5, " "
          045 and 047.
210P   Tenure type 6 = "   " A 120 " " "   " 6, " "
          046 and 047.

        Calculated rates:-

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
                     . . . 4021. (1st quarter)
                     . . . . . . (2nd quarter)
                     . . . . . . (3rd quarter)
                     . . . . . . (4th quarter)

Code	Description

218P   Constant T (Scotland). If code A 098 has a value of 11, the product code has a value of   1549 (1st quarter)
 . . . . . . (2nd quarter)
 . . . . . . (3rd quarter)
 . . . . . . (4th 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
 3818 (1st quarter)
 . . . . . . (2nd quarter)
 . . . . . . (3rd quarter)
 . . . . . . (4th quarter)

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

Rent rebates/allowances:-

231P	Tenure type 1 = If code A 120 has a value of 1, code 230.
232P	Tenure type 2 = If code A 120 has a value of 2, code 230.
233P	Tenure type 3 = If code A 120 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.

Gross value (weekly values)

241P   Tenure type 1 =

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. RV £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

Code	Description

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, less rebates or allowances (negative answers acceptable):-

257P   Tenure type 1 (rent less rebate) = If code 011 is coded, code 011 minus code 231P.
258P   Tenure type 1 (rent and services, less rebate) = if code 021 is coded, code 021 minus code 231P.
259P   Tenure type 2 (rent, less allowance) = If code 012 is coded, code 012 minus code 232P.
260P   Tenure type 2 (rent and services, less allowance) = If code 022 is coded, code 022 minus code 232P.
261P   Tenure type 3 (rent, less allowance) = If code 013 is coded, code 013 minus code 233P.
262P   Tenure type 3 (rent and services, less allowance) = If code 023 is coded, code 023 minus code 233P.

Adjusted rateable value:-

267P   Tenure type 4 = Code 239P, multiplied by sum of codes 217P, 218P, 219P, divided by 1,000.

Code	Description

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.

Calculated rent/water charges (negative answers acceptable):-

271P   Tenure type 1 = Sum of codes 011, 021, 031, 051, minus sum of codes 211P, 231P.

272P   Tenure type 2 = Sum of codes 012, 022, 032, 052, minus sum of codes 212P, 232P.

273P   Tenure type 3 = Sum of codes 013, 023, 033, 053, minus sum of codes 213P, 233P.

274P   Not used from 1981.

275P   Not used from 1981.

277P   Income from owner-occupation:-
Sum of codes 267P, 268P, 269P.

278P   Not used from 1981.

Net Housing Costs:-

281P   Tenure type 1 = Sum of codes 011, 021, 031, 051, 061, 111, minus sum of codes 205P, 231P.

282P   Tenure type 2 = Sum of codes 012, 022, 032, 052, 062, 112, minus sum of codes 206P, 232P.

283P   Tenure type 3 = Sum of codes 013, 023, 033, 053, 063, 113, minus sum of codes 207P, 233P.

284P   Tenure type 4 = Sum of codes 267P, 034, 054, 064, 114, minus code 208P.

285P   Tenure type 5 = Sum of codes 268P, 035, 055, 065, 115, minus code 209P.

286P   Tenure type 6 = Sum of codes 269P, 036, 056, 066, 116, minus code 210P.

Code	Description

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

                 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.

                 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.

                 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.

Code		Description

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.

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	= Code 089P.
338P	Wife	= Code 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.

Code	Description

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.

357P Age of wife:-
      Code 114P.

358P Sex of head:-
      The product code has a value of 1 if code 098P is coded,
      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.

Code	Description

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, 025, 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 8540 if suffixed A to L.

370P   Alcoholic Drink:-
Sum of codes 119; item codes 2010 to 2090 if suffixed A to L.

371P   Tobacco:-
Sum of codes 120P; item codes 2110 to 2130 if suffixed A to L.

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 4360, 6010, 6030, 7840, 7860, if suffixed A to L.

374P   Other goods:-
Sum of codes 123P, 274; item codes 6110 to 6550, 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 to 257, 270; item codes 5010 to 5590 if suffixed A to L, minus code 179.

376P   Services (negative answers acceptable):-
Sum of codes 125P, 027, 160 to 162, 164, 166, 180, 181, 184, 185, 195, 271, 273, 275, 278 to 280; item codes 2270 to 2290, 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.

Code	Description

379P   Other payments (negative answers acceptable):-
         Sum of codes 128P, 131 to 135, 201 to 205, 196, 199, 206,
         229, 272, 276; item codes 2160 to 2230, 7950, 8030, if
         suffixed A to L.

380P   Total Expenditure, plus imputed values:-
         Sum of codes 046P, 289P, 378P, minus code 045P.

381P   Expenditure on permanent second dwelling:- Code 129P.

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.

387P   Gross Household income, based on "actual" earnings:-
         Sum of codes 003P, 013P, 015P, 027P, 028P, 033P, 034P,
         037P, 047P to 050P, 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.

Code	Description

395P   Normal gross income, excluding tax and NI contributions, but including value of self supply goods and income in kind:-
         Sum of codes 046P, 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.

399P   Normal gross income, excluding tax and NI contributions, but including income in kind (not self supply goods):-
         Sum of codes 046P, 289P, 344P, minus sum of codes 029P, 045P, 388P, 392P.

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CSO Household Product Codes

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Rent/rates:-

400P   Tenure type 1 = Code 011, multiplied by code 201P, divided by code 202P.
401P   Tenure type 2 = Code 012, multiplied by code 201P, divided by code 202P.
402P   Tenure type 3 = Code 013, multiplied by code 201P, divided by code 202P.

Rent/rates including services:-

403P   Tenure type 1 = Code 021, multiplied by code 201P, divided by code 202P.
404P   Tenure type 2 = Code 022, multiplied by code 201P, divided by code 202P.
405P   Tenure type 3 = Code 023, multiplied by code 201P, divided by code 202P.

Rates, if separate:-

406P   Tenure type 1 = Code 031, multiplied by code 201P, divided by code 202P.
407P   Tenure type 2 = Code 032, multiplied by code 201P, divided by code 202P.
408P   Tenure type 3 = Code 033, multiplied by code 201P, divided by code 202P.
409P   Tenure type 6 = Code 036, multiplied by code 201P, divided by code 202P.

Code	Description

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.

416P   Rates paid, tenure types 4 and 5:-
              Sum of codes 034 and 035, 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 267P, 268P, 011 to 013, 021 to 023, 031 to
              036, 051 to 056, 061 to 066, minus sum of codes 400P to
              417P.

421P   Costs of sub-let portion of dwelling:-
              Code 202P, minus code 201P, divided by code 202P,
              multiplied by sum of codes 267P, 268P, 011 to 013, 021 to
              023, 031 to 036, 051 to 056, 061 to 066.

423P   Imputed income from rent-free dwellings:-
              Sum of codes 269P, 267, 268.

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.

Code	Description

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.

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 8540, if suffixed A to L.

435P   Alcoholic Drink:- Sum of codes 2010 to 2090; 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 to 3490, if suffixed A to L.

438P   Durable household goods:-
          Sum of codes 4010 to 4360, 6010, 6030, 7840, 7860, if suffixed A to L.

439P   Other goods:- Sum of codes 6110 to 6550, 7210 to 7490, if suffixed A to L.

440P   Transport and vehicles:- Sum of codes 5010 to 5590, if suffixed A to L.

Code	Description

441P   Services:-
Sum of codes 2270 to 2290, 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.

448P   Percentage ratio of gross income to disposable income (£1 = 10%):-
Code 344P divided by code 389P, multiplied by 1,000.

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:-
Code 164P.

455P   Net income, excluding imputed income from Schedule B:-
Sum of codes 423P, 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.

459P   Original income:-
Sum of codes 423P, 424P, 453P, 457P, 209.

Code	Description

460P   Original income including cash benefits:-
                    Sum of codes 167P, 459P.

          Tax Unit Income (CSO)

461P   Tax Unit 1 = Code 181P.
462P   Tax Unit 2 = Code 182P.
463P   Tax Unit 3 = Code 183P.
464P   Tax Unit 4 = Code 184P.
465P   Tax Unit 5 = Code 185P.
466P   Tax Unit 6 = Code 186P
467P   Tax Unit 7 = Code 187P.

470P)   Consumers expenditure:-
471P)   Sum of codes 071P, 378P, 196, 199, 206, 272, 7950.
                    (Each product code contains half the total expenditure).

          Social Grade of Head of Household (see Coding frame 21):-

472P   Group AB:-
                    If code 092P has a value of 1, 2, 3, or 9, and code 345P
                    is £130 or more, or code 092P has a value of 10 or 11 and
                    code 345P is £100 or more, the product code has a value
                    of 1.

473P   Group C1:-
                    If code 092P has a value of 1 to 5 and code 472P is not
                    coded, or code 092P has a value of 10 or 11 and code 345P
                    is £80 but less than £100 the product code has a value of
                    1.

474P   Group C2:-
                    If code 092P has a value of 9, and code 472P is not
                    coded, or code 092P has a value of 6 to 8 and code 345P
                    is £95 or more, or code 092P has a value of 10 or 11 and
                  code 345P is £60 but less than £80 the product code has a
                    value of 1.

475P   Group DE:-
                    If none of codes 472P, 473P, 474P is coded, the product
                    code has a value of 1.

477P   Code for number of workers (the value is one more than the
          number of workers):-
                    Code 021P, plus 1.

479P   Number of Tax Units in household (£1 = 1 unit):-
                    Code 190P.

Code	Description

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 096 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.

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:-

$$£300 \ (1^{st} \ quarter)$$
$$£300 \ (2^{nd} \ quarter)$$
$$. \ . \ .(3^{rd} \ quarter)$$
$$. \ . \ .(4^{th} \ quarter)$$

Code	Description

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 rent rebates and current SB received by head or
        wife:-
             If code 230 is coded, code 494P.

496P   Households with rent rebates but current SB not received by
        head or wife:-
             If code 494P is not coded, code 230.

497P   Households without rent rebates but current SB received by head
        or wife:-
             If code 230 is not coded, code 494P.

        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.

Code	Description

Household Product Codes - Department of the Environment

506P   Ratio of calculated rent (unrebated) to gross value (Tenure type 1):-
            Sum of codes 231P and 271P, if positive, divided by code 241P multiplied by 10,000 (£1 equals 1%).

507P   Ratio of calculated rent (unrebated) to gross value (Tenure type 2):-
            Sum of codes 232P and 272P, if positive, divided by code 242P multiplied by 10,000.

508P   Ratio of calculated rent to head of household income (Tenure type 1):-
            If code 271P is positive, code 271P divided by code 345P multiplied by 10,000.

509P   Ratio of calculated rent to head of household income (Tenure type 2):-
            If code 272P is positive, code 272P divided by code 345P multiplied by 10,000.

510P   Ratio of calculated rent to household income (Tenure type 1):-
            If code 271P is positive, code 271P divided by code 344P multiplied by 10,000.

511P   Ratio of calculated rent to household income (Tenure type 2):-
            If code 272P is positive, code 272P divided by code 344P multiplied by 10,000.

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.

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.

Code	Description

Option mortgages - Interest/Principal arrangements

519P   Last instalment:-
If code A 121 is coded, sum of codes 201 to 205.

520P   Interest paid:-
If code A 121 is coded, sum of codes 151 to 155.

521P   Last instalment where interest is known:-
If code 520P is coded, code 519P.

Option mortgages = Interest-only arrangements

522P   Interest paid:-
If code A 121 is coded, sum of codes 131 to 135.

Non-Option mortgages - Interest/Principal arrangements

523P   Last instalment where interest is known:-
If codes 151 to 155 are coded, sum of codes 201 to 205, minus code 521P.

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.

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.

Code	Description

Code   **Description**

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.

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.

Code	Description

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 rent:-

585P   Tenure type 1 = Sum of codes 011, 021, 031, 051, minus sum of codes 211P, 231P, 498P, 567P, 573P.

586P   Tenure type 2 = Sum of codes 012, 022, 032, 052, minus sum of codes 212P, 232P, 499P, 568P, 574P.

587P   Tenure type 3 = Sum of codes 013, 023, 033, 053, minus sum of codes 213P, 233P, 500P, 569P, 575P.

588P   )
589P   )
590P   )   Check codes for use within DE.
591P   )
592P   )

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.
        H =   "   "   "   credit trader.
        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.

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)

Code	Description
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

Code	Description
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	Sandwiches, rolls with filling, not accompanied by a drink
199	Food undefined

ALCOHOLIC DRINK

Code	Description
201	Beer, stout, ale, shandy, cider
202	Wines, other than those bought by the bottle
203	Spirits, liqueurs, other than those bought by the bottle
205	Wines bought by the bottle
206	Spirits, liqueurs bought by the bottle
209	Alcoholic drink incompletely described or itemised

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

CLOTHING AND FOOTWEAR

Code	Description
301	Men's outerwear
303	Men's underwear
304	Men's hosiery
311	Women's outerwear
313	Women's underwear
314	Women's hosiery
321	Boys' outerwear
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

DURABLE HOUSEHOLD GOODS

Code	Description
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
411	New and second-hand gas cookers
412	Gas and electric durables not coded elsewhere
413	New and second-hand electric cookers
417	New and second-hand electric washing/drying machines
419	New and second-hand electric fridges, freezers
422	Spare parts for radios, televisions, gramophones, tape recorders
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

Code   Description

VEHICLES

Code	Description
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

TRAVEL

Code	Description
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

Code	Description
601	New and second-hand musical instruments and parts
603	New and second-hand gramophone records etc
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

Code   Description

OTHER GOODS (contd)

Code	Description
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
655	Stationery and other paper goods
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

SERVICES

Code	Description
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
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

Code	Description

SERVICES (contd)

Code	Description
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
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
795	Subscriptions to Friendly Societies
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

Code	Description
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

BETTING

Code	Description
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

Code	Description
	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
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

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27	Head of Household out of a job

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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	
4	Areas with population density of 0.9 but less than 3.2 persons per acre	
5	Areas with population density of less than 0.9 persons per acre	

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

Value	Composition of Household	Remarks
1	One man	For code A057,
2	One Woman	children are defined
3	One man, 1 child	as unmarried persons
4	One woman, 1 child	under 18. Men, women
5	One man, 2 or more children	and adults are
6	One woman, 2 or more children	married persons
7	One man and 1 woman	irrespective of age,
8	Two men or 2 women	or unmarried persons
9	One man, 1 woman and 1 child	aged 18 or over.
10	Two men or 2 women, and 1 child	
11	One man, 1 woman, 2 children	For code A056,
12	Two men or 2 women, and 2 children	children are persons
13	One man, one woman, 3 children	aged under 16. Men,
14	Two men or 2 women, and 3 children	women and adults are
15	Two adults, 4 children	persons aged 16 or
16	Two adults, 5 children	over.
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.

Occupation (Information codes A092, A177, A210 and A242)

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 A242,
       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 A242, A092 and A177.

Coding Frame 4   Industry (Information codes A093, A211 and A243)

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 1982

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.

*£300 per week

. . . . (1st and 2nd quarters)

. . . . (3rd and 4th quarters)

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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	34.999
2	35.000	39.999
3	40.000	44.999
4	45.000	49.999
5	50.000	54.999
6	55.000	59.999
7	60.000	64.999
8	65.000	69.999
9	70.000	74.999
10	75.000	79.999
11	80.000	89.999
12	90.000	99.999
13	100.000	109.999
14	110.000	119.999
15	120.000	124.999
16	125.000	139.999
17	140.000	149.999
18	150.000	159.999
19	160.000	174.999
20	175.000	179.999
21	180.000	199.999
22	200.000	224.999
23	225.000	249.999
24	250.000	274.999
25	275.000	299.999
26	300.000	324.999
27	325.000	349.999
28	350.000	399.999
29	400.000	449.999
30	450.000	Infinity

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	

Coding Frame 9   CSO Type of Tenure
                                (Information Code A064)

Value	Description	DE Codes (Coding Frame 8)
1	Rented from Local Authority	1
2	Other rented and rent-free dwellings	2 + 3 + 6
3	Owner occupied dwellings	4 + 5

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 - Belfast (low density ward)
13	N Ireland - Belfast (medium density ward)
14	N Ireland - Belfast (high density ward)
15	N Ireland - East (low density ward)
16	N Ireland - East (medium density ward)
17	N Ireland - East (high density ward)
18	N Ireland - West (low density ward)
19	N Ireland - West (medium density ward)
20	N Ireland - West (high density ward)

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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

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, with children

Note   This code is formed by a computer program which identifies the first
       married woman in each household (Code A004, value 2; Code A006, value
       1 or 2). Where a working married woman is identified (Code A015,
       value 1), 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 and 9 are formed if the
       first married woman is a non worker (Code A015, value 2 to 4); the
       presence, or otherwise, of children again being determined by the
       number of children aged under 18 within the same family unit.

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Coding Frame 13   COMPOSITION OF TAX UNITS (Information Codes A131/7)

Value	Types of Tax Unit	Remarks
1	Married couple without dependants	This is a CSO coding frame
2	Married couple with one dependent child	
3	Married couple with two dependent children	"Children" are young dependants aged under 25.
4	Married couple with three dependent children	
5	Married couple with four dependent children	The code is calculated by the computer from family unit information at Col 9 of Schedule A
8	Married couple with five or more dependent children	
6	Single person with one dependent child	
9	Single person with two or more dependent children	
7	Single person without dependants	

Coding Frame 14   HOUSING COSTS   (Information Code A063)

	Expenditure in £'s per week		
Range Nos	From	To	Remarks
1	0.000	0.499	This is a CSO coding
2	0.500	0.999	frame, See CSO
3	1.000	1.499	definition of housing
4	1.500	1.749	costs below
5	1.750	1.999	
6	2.000	2.249	
7	2.250	2.499	
8	2.500	2.749	
9	2.750	2.999	
10	3.000	3.499	
11	3.500	3.999	
12	4.000	4.999	
13	5.000	5.999	
14	6.000	7.999	
15	8.000	Infinity	

The sum of the weekly values of rent, rates, water charges, ground rent,
plus net rateable value of owner occupied dwellings multiplied by factors
S, T or U as appropriate. Where the household is subletting, the weekly
costs are multiplied by factor P, which is defined as (Code A111 + ½ code
A112 + ½ code A117) + (Code A114 + Code A115).

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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).

Coding Frame 16   CSO Net Household Income
                (Information Code A061)

	Net household income (£'s weekly) of:-	
Range Nos.		
	Not less than	But less than
1	0.000	5.000
2	5.000	5.500
3	5.500	6.050
4	6.050	6.660
5	6.660	7.320
6	7.320	8.050
7	8.050	8.860
8	8.860	9.740
9	9.740	10.720
10	10.720	11.790
11	11.790	12.970
12	12.970	14.270
13	14.270	15.690
14	15.690	17.260
15	17.260	18.990
16	18.990	20.890
17	20.890	22.970
18	22.970	25.270
19	25.270	27.800
20	27.800	30.580
21	30.580	33.640
22	33.640	40.700
23	40.700	49.250
24	49.250	59.590
25	59.590	72.110
26	72.110	87.250
27	87.250	105.570
28	105.570	127.740
29	127.740	154.570
30	154.570	Infinity

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Coding Frame 17   CSO Original Income (Information Code A062)

CSO Original Income including cash benefits
(Information Code A126)

CSO Total Expenditure (Information Code A068)

| | Net household income (£'s weekly) of:- | |
Range Nos.	Not less than	But less than
1	0.000	0.250
2	0.250	1.000
3	1.000	2.000
4	2.000	4.150
5	4.150	5.000
6	5.000	6.050
7	6.050	7.320
8	7.320	8.860
9	8.860	10.720
10	10.720	12.970
11	12.970	15.690
12	15.690	18.990
13	18.990	22.970
14	22.970	27.800
15	27.800	33.640
16	33.640	40.700
17	40.700	49.250
18	49.250	59.590
19	59.590	72.110
20	72.110	87.250
21	87.250	105.570
22	105.570	127.740
23	127.740	154.570
24	154.570	187.020
25	187.020	226.300
26	226.300	273.820
27	273.820	331.320
28	331.320	400.900
29	400.900	485.090
30	485.090	Infinity

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 - Belfast (low density ward)
13	N Ireland - Belfast (medium density ward)
14	N Ireland - Belfast (high density ward)
15	N Ireland - East (low density ward)
16	N Ireland - East (medium density ward)
17	N Ireland - East (high density ward)
18	N Ireland - West (low density ward)
19	N Ireland - West (medium density ward)
20	N Ireland - West (high density ward)

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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	

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

CODING FRAME 21   SOCIAL GRADE OF HEAD OF HOUSEHOLD
                              (INFORMATION CODE A091)

Value	Jicnars Codes	Occupation/Income Group*
1	AB	Professional, technical, administrative, managerial workers, teachers and members of HMF, with weekly income of £130 and over.
		Retired or unoccupied persons with weekly income of £100 and over.
2	C1	Professional, technical, administrative managerial workers and teachers with weekly income of less than £130.
		Clerical workers, shop assistants.
		Retired or unoccupied persons with weekly income of £80 but less than £100.
3	C2	Members of HMF with weekly income of less than £130.
		Manual workers with weekly income of £95 and over.
		Retired or unoccupied persons with weekly income of £60 but less than £80.
4	DE	Manual workers with weekly income of less than £95.
		Retired or unoccupied persons with weekly income of less than £60.

*NOTE Occupation of head is defined in Coding Frame 3: Income is the
      normal gross weekly income of head (Code 345P).

Coding Frame 22   CSO Tax Unit Income (Information Codes A141/7)

TAX UNIT INCOME OF

RANGE	NOT LESS THAN	BUT LESS THAN	NOT LESS THAN	BUT LESS THAN
	£'s pa		£'s per week	
1	0	0	0.000	0.000
2	0	595	0.000	11.442
3	595	675	11.442	12.981
4	675	700	12.981	13.462
5	700	750	13.462	14.423
6	750	800	14.423	15.385
7	800	900	15.385	17.308
8	900	1000	17.308	19.231
9	1000	1250	19.231	24.038
10	1250	1500	24.038	28.846
11	1500	1750	28.846	33.654
12	1750	2000	33.654	38.462
13	2000	2500	38.462	48.077
14	2500	3000	48.077	57.692
15	3000	4000	57.692	76.923
16	4000	5000	76.923	96.154
17	5000	6000	96.154	115.385
18	6000	8000	115.385	153.846
19	8000	10000	153.846	192.308
20	10000	12000	192.308	230.769
21	12000	20000	230.769	384.615
22	20000	50000	384.615	961.538
23	50000 and over		961.538 and over	

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	

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

Value	T	TV	W/M	R	C/H	C		Value	T	TV	W/M	R	C/H	C
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

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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

Coding Frame 26   Income from education grants, scholarships etc -
                         source of grant, level of education and type of
                         establishment attended

                         (Information codes A252 and A253)

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

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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