The survey cannot provide all of the information that people want by asking a simple question. In many cases we need to piece together responses from a series of questions. We do this on the LFS (and other similar surveys) using programs to derive new variables from responses to survey questions.

For example, one of the most important items of data that the LFS produces is the number of people who are ILO (International Labour Organisation) unemployed. We could not sensibly ask people ‘were you ILO unemployed last week?’ - it would not mean anything to them. Instead we ask a series of questions, each of which tells us about an individual aspect of the ILO definition of unemployment. So we will count someone as ILO unemployed if they say, in response to a series of separate questions that:

- they were looking for paid work in last four weeks (LOOK4=1)
  or
- they were looking for a place on a Government scheme in the last four weeks (LKYT4=1)
  or
- they are temporary away from paid work as they are waiting to take up new job/business already obtained (JBAWAY=3)
  or
- they are waiting to take up job (WAIT=1)
  and
- they can start work within the next two weeks (START=1).

As well as being aged 16 or over and they haven’t met the criteria for Employee, Self-employed, Government Employment & training scheme or unpaid family worker categories.

CONTENTS

- List of Household and Family Unit level Derived Variables
- List of Person level and Banded Derived Variables
- Household and Family Unit level Derived Variables (in alphabetical order)
- Person level and Banded Derived Variables (in alphabetical order)
HOUSEHOLD AND FAMILY UNIT LEVEL DERIVED VARIABLES

AOFL16   RELH06
AOFL19   RELHFU
AOHL16   RELHRP6
AOHL19   SMSXFU
AYFL19   TOTFU
AYHL19   TOTNUM
CAIND    TOTXFU
EXTFU    XFMDC
FDPCH2   XFMNDC
FDPCH4
FDPCH9
FDPCH15
FDPCH16
FDPCH19
FMDP
FMNDP
FMPLUS
FUTYPE6
HDC515
HDPCH4
HDPCH18
HDPCH19
HEACOMB
HEAHEAD
HEAWIFE
HHTYPE6
HLDCMP6X
HLDCMP6Y
HNDK
HNEMP
HNFTIME
HNFTSTUD
HNINAC05
HNWDSC
HNWFAM
HNWFKD
HNWSTU
HNMF1664
HNMF5964
HNNOWK05
HNSTUD
HNUNEMP
HNWOTH05
HOHID
### PERSON LEVEL AND BANDED DERIVED VARIABLES

<table>
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<th>Variable</th>
<th>Description</th>
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**Notes:**
- FTCNM: Full-time contract, non-managerial
- FTCNM: Full-time contract, managerial
HOUSEHOLD AND FAMILY UNIT LEVEL DERIVED VARIABLES
AOFL16 - Age of oldest dependent child in family <16

START

CONSIDER EACH PERSON IN FAMILY UNIT - AOFL16 SAME FOR ALL

CAIND = 2, 3

GO TO NEXT RECORD IN FAMILY UNIT

YES

RECORD AGE OF THE CHILD THEN GO TO NEXT RECORD IN FAMILY UNIT

WHEN COMPLETE

LOOK AT AGE OF ALL CHILDREN IN THE FAMILY <16 AND DETERMINE THE AGE OF THE OLDEST

YES

WHEN COMPLETE

AOFL16 = AGE OF OLDEST CHILD

ANY CHILDREN <16

NO

WHEN COMPLETE

AOFL16 = 16 (NO DEPENDENT CHILDREN UNDER 16)
AOFL19 - Age of oldest dependent child in family <19

START

CONSIDER EACH PERSON IN FAMILY UNIT - AOFL19 SAME FOR ALL

CAIND = 2, 3

GO TO NEXT RECORD IN FAMILY UNIT

NO

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN FAMILY UNIT

YES

LOOK AT AGE OF ALL CHILDREN IN THE FAMILY <19 AND DETERMINE THE AGE OF THE OLDEST

WHEN COMPLETE

ANY CHILDREN <19

NO

AOFL19=19
(NO DEPENDENT CHILDREN UNDER 19)

YES

AOFL19 = AGE OF OLDEST CHILD

Uses:
CAIND
AGE
FUSERIAL

Derive first:
CAIND
AOHL16 - Age of oldest dependent child in household <16

START

CONSIDER EACH PERSON IN HOUSEHOLD - AOHL16 SAME FOR ALL

CAIND = 2-4

GO TO NEXT RECORD IN HOUSEHOLD

NO

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

YES

LOOK AT AGE OF ALL CHILDREN IN HOUSEHOLD <16 AND DETERMINE THE AGE OF THE OLDEST

ANY CHILDREN <16

NO

AOHL16=16

(No dependent children under 16)

YES

AOHL16 = AGE OF OLDEST CHILD

Uses:
CAIND
AGE
HSERIAL

Derive first:
CAIND
AOHL19 - Age of oldest dependent child in household <19

START

CONSIDER EACH PERSON IN HOUSEHOLD - AOHL19 SAME FOR ALL

CAIND = 2-4

GO TO NEXT RECORD IN HOUSEHOLD

NO

YES

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

W hen complete

LOOK AT AGE OF ALL CHILDREN IN HOUSEHOLD <19 AND DETERMINE THE AGE OF THE OLDEST

ANY CHILDREN <19

W hen complete

AOHL19 = 19 (NO DEPENDENT CHILDREN UNDER 19)

AOHL19 = AGE OF OLDEST CHILD

YES

NO

Uses:
CAIND
AGE
HSERIAL

Derive first:
CAIND
AYFL19 - Age of youngest dependent child in family <19

START

CONSIDER EACH PERSON IN FAMILY - AYFL19 SAME FOR ALL

CAIND = 2,3

GO TO NEXT RECORD IN FAMILY UNIT

YES

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN FAMILY UNIT

WHEN COMPLETE

NO

LOOK AT AGE OF ALL CHILDREN IN FAMILY <19 AND DETERMINE THE AGE OF THE YOUNGEST

AYFL19 =19

(No dependent children under 19)

YES

AYFL19 = AGE OF YOUNGEST CHILD

WHEN COMPLETE

ANY CHILDREN <19

NO

Uses:
CAIND
AGE
FUSERIAL

Derive first:
CAIND
AYHL19 - Age of youngest dependent child in household <19

Uses:
CAIND
AGE
HSERIAL

Derive first:
CAIND

START

CONSIDER EACH PERSON IN HOUSEHOLD - AYHL19 SAME FOR ALL

CAIND = 2-4

GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

AYHL19 = 19
(NO DEPENDENT CHILDREN UNDER 19)

YES

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

NO

LOOK AT AGE OF ALL CHILDREN IN HOUSEHOLD <19 AND DETERMINE THE AGE OF THE YOUNGEST

ANY CHILDREN <19

AYHL19 = AGE OF YOUNGEST CHILD

NO

YES

AYHL19=19
(NO DEPENDENT CHILDREN UNDER 19)
EXTFU - Extended family unit

Uses:
- SMSXFU
- TOTFU
- RECNO
- XR..(RELATIONSHIP VARIABLES)

Derive first:
- SMSXFU
- TOTFU
- TOTFU

EXTFU = Extended family unit

START

TOTFU > 1

YES

NO

SMSXFU = FAMUNIT

NO

MORE THAN 1 SMSXFU IN HOUSEHOLD

NO

YES

EXTFU = -9

DOES NOT APPLY

ANY (SMSXFU) FAMILY MEMBER RELATED TO SOMEONE OUTSIDE OF FAMILY: RELATIONSHIP CODES 1-4, 6-9, 11-13, 15-18, 20

YES

NO

EXTFU = LOWEST AVAILABLE VALUE WHICH CAN BE ASSIGNED TO ALL MEMBERS OF ALL SUCH SSDFUS

YES

NO
CONSIDER EACH PERSON IN FAMILY UNIT - FDPCH2 SAME FOR ALL

FDPCH2 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED UNDER 2

FDPCH2 = 2,3

GO TO NEXT RECORD IN FAMILY UNIT

CAIND = 2,3

WHEN COMPLETE

RECORD AS CHILD AGED UNDER 2

GO TO NEXT RECORD IN FAMILY UNIT

AGE < 2

WHEN COMPLETE

YES

NO

NO

YES

Uses:

CAIND

AGE

Derive first:

CAIND
FDPCH4 - Number of children in family aged 2 - 4

CONSIDER EACH PERSON IN FAMILY UNIT - FDPCH4 SAME FOR ALL

CAIND=2,3

NO

GO TO NEXT RECORD IN FAMILY UNIT

YES

AGE=2-4

NO

WHEN COMPLETE

YES

RECORD AS CHILD AGED 2-4, GO TO NEXT RECORD IN FAMILY UNIT

WHEN COMPLETE

FDPCH4 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED 2-4

Uses:
CAIND
AGE

Derive first:
CAIND
FDPCH9 - Number of children in family aged 5 - 9

**START**

CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH9 SAME FOR ALL

- CAIND=2,3
  - CAIND=2,3
    - AGE=5-9
      - YES
        - RECORD AS CHILD AGED 5-9, GO TO NEXT RECORD IN FAMILY UNIT
      - NO
        - GO TO NEXT RECORD IN FAMILY UNIT
    - NO
      - Go to next record in family unit

- FDPCH9 = 00-29
  - COUNT ALL CHILDREN RECORDED AS AGED 5-9

Uses:
- CAIND
- AGE

Derive first:
- CAIND
FDPCH15 - Number of children in family aged 10-15

CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH15 SAME FOR ALL

CAIND=2,3

YES

AGE=10-15

YES

RECORD AS CHILD AGED 10-15. GO TO NEXT RECORD IN FAMILY UNIT

NO

GO TO NEXT RECORD IN FAMILY UNIT

NO

WHEN COMPLETE

FDPCH15 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED 10-15

WHEN COMPLETE

Uses:
CAIND
AGE

Derive first:
CAIND
FDPCH16 - Number of children in family aged <16

CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH16 SAME FOR ALL

CAIND=2,3

GO TO NEXT RECORD IN FAMILY UNIT

AGE<16

WHEN COMPLETE

YES

RECORD AS CHILD AGED <16. GO TO NEXT RECORD IN FAMILY UNIT

NO

FDPCH16 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED <16

Uses:
CAIND
AGE

Derive first:
CAIND
FDPCH19 - Number of children in family aged <19

START

CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH19 SAME FOR ALL

CAIND=2,3

GO TO NEXT RECORD IN FAMILY UNIT

AGE<19

YES

RECORD AS CHILD AGED <19. GO TO NEXT RECORD IN FAMILY UNIT

NO

WHEN COMPLETE

FDPCH19 = 00-29

COUNT ALL CHILDRENRecorded as aged <19

WHEN COMPLETE

Uses:
CAIND
AGE

Derive first:
CAIND
FMDP - Number of family units in the household with dependent children

START

READ IN ALL FAMILY UNITS IN HOUSEHOLD - FMDP SAME FOR ALL

ANY FAMILY UNIT WITH FDPCH19>0

NO

FMDP = 0
NO FAMILIES WITH DEPENDENT CHILDREN

YES

FMDP = 1-16
NUMBER OF DIFFERENT FAMILY UNITS (SMSXFU) WITH FDPCH19=0

Uses:
FDPCH19
SMSXFU

Derive first:
FDPCH19
SMSXFU
FMNDP - Number of family units in the household with non-dependent children only

READ IN ALL PERSONS IN HOUSEHOLD - FMNDP SAME FOR ALL

RELHFU=3

NO

FMNDP = 0
NO FAMILIES WITH NON-DEPENDENT CHILDREN ONLY

FDPCH19=0

NO

YES

FDPCH19=0

YES

FMNDP = 1-16
NUMBER OF DIFFERENT FAMILY UNITS(SMSXFU) WITH RELHFU=3 AND FDPCH19=0

Uses:
RELHFU
FDPCH19
SMSXFU

Derive first:
RELHFU
FDPCH19
SMSXFU
FMPLUS - Total number of family units containing more than one person

START

READ IN ALL FAMILY UNITS IN HOUSEHOLD - FMPLUS SAME FOR ALL

ANY FAMILY UNIT WITH MORE THAN 1 PERSON

FMPLUS=0
ONLY 1 PERSON IN THE FAMILY UNITS IN HOUSEHOLD

YES

FMPLUS=1-16
NUMBER OF DIFFERENT FAMILY UNITS (SMSXFU) WITH MORE THAN 1 PERSON

FMPLUS SAME FOR ALL

NO

USES:
SMSXFU

DERIVE FIRST:
SMSXFU
FUTYPE6 - Type of family unit (1 of 3)

START

READ ALL PERSONS IN FAMILY UNIT - THEN FOR EACH RECORD: FUTYPE6 SAME FOR ALL

1. IS THERE SOMEONE WITH LIVWTH = 3
   - YES
   - NO

2. IS THERE SOMEONE WITH MARSTA = 6
   - YES
   - NO

3. IS THERE MORE THAN ONE PERSON IN THE FAMILY
   - YES
   - NO

4. SEX = 1
   - YES
   - NO

5. IS THERE SOMEONE WITH RELHFU = 2 IN FAMILY
   - YES
   - NO

6. FDPCH19 > 0
   - YES
   - NO

FUTYPE6 = 2
ONE PERSON - FEMALE

FUTYPE6 = 1
ONE PERSON - MALE

FUTYPE6 = 4
MARRIED COUPLE, NO CHILDREN

FUTYPE6 = 5
MARRIED COUPLE, NON-DEPENDENT CHILDREN ONLY

FUTYPE6 = 6
MARRIED COUPLE, DEPENDENT CHILDREN

Uses:
RELHFU
FDPCH19
FAMUNIT
LIVWTH
MARSTA
SMSXFU

Derive first:
RELHFU
FDPCH19
SMSXFU
IS THERE SOMEONE WITH LIVWTH = 3

YES

IS THERE SOMEONE WITH RELHFU = 3

NO

FUTYPE6 = 14
SAME SEX COHABITING COUPLE, NO CHILDREN

YES

FDPCH19 >0

NO

FUTYPE6 = 15
SAME SEX COHABITING COUPLE, NON-DEPENDENT CHILDREN ONLY

YES

NO

FUTYPE6 = 16
SAME SEX COHABITING COUPLE, DEPENDENT CHILDREN

IS THERE SOMEONE WITH RELHFU = 3

YES

NO

FUTYPE6 = 17
CIVIL PARTNERS COUPLE, NO CHILDREN

NO

FDPCH19 >0

YES

FUTYPE6 = 18
CIVIL PARTNERS COUPLE, NON-DEPENDENT CHILDREN ONLY

NO

FUTYPE6 = 19
CIVIL PARTNERS COUPLE, DEPENDENT CHILDREN
FUTURE6 - Type of family unit (2 of 3)

2. SEX = 1 FOR PERSON WITH RELHFU = 1
   - FDPCH19 > 0
     - YES: FUTURE6 = 10
       MALE LONE PARENT, DEPENDENT CHILDREN
     - NO: FDPCH19 > 0
       - YES: FUTURE6 = 11
         MALE LONE PARENT, NON-DEPENDENT CHILDREN ONLY
       - NO: FUTURE6 = 7
         COHABITING COUPLE, NO CHILDREN
   - NO: FDPCH19 > 0
     - YES: FUTURE6 = 13
       FEMALE LONE PARENT, NON-DEPENDENT CHILDREN ONLY
     - NO: FUTURE6 = 9
       COHABITING COUPLE, DEPENDENT CHILDREN

3. IS THERE SOMEONE WITH RELHFU=3
   - NO: FUTURE6 = 8
     COHABITING COUPLE, NON-DEPENDENT CHILDREN ONLY
   - YES
     FDPCH19 > 0
     - NO: FUTURE6 = 12
       FEMALE LONE PARENT, DEPENDENT CHILDREN
     - YES: FUTURE6 = 11
       MALE LONE PARENT, NON-DEPENDENT CHILDREN ONLY
HDC515 - Number of children in household aged between 5 and 15 years

START

CONSIDER EACH PERSON IN HOUSEHOLD – HDC515 SAME FOR ALL

CAIND>1

GO TO NEXT RECORD IN HOUSEHOLD

CAIND>1

AGE=5-15

YES

RECORD AS PERSON AGED BETWEEN 5 AND 15, GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

NO

NO

WHEN COMPLETE

HDC515 = 00-29

COUNT ALL PERSONS RECORDED WITH AGE BETWEEN 5 AND 15

USES:

CAIND

AGE

DERIVE FIRST:

CAIND
CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH4 SAME FOR ALL

- If CAIND > 1, then:
  - If AGE <= 4:
    - RECORD AS PERSON AGED 4 OR LESS. GO TO NEXT RECORD IN HOUSEHOLD
  - Otherwise, GO TO NEXT RECORD IN HOUSEHOLD

- If CAIND = 00-29:
  - COUNT ALL PERSONS RECORDED WITH AGE OF 4 OR LESS

Uses:
- CAIND
- AGE

Derive first:
- CAIND
HDPCH18 - Number of children in household aged between 16 and 18 years

1. CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH18 SAME FOR ALL
2. CAIND > 1
   - NO: GO TO NEXT RECORD IN HOUSEHOLD
   - YES: AGE = 16-18
3. WHEN COMPLETE
   - NO: WHEN COMPLETE
   - YES: RECORD AS PERSON AGED BETWEEN 16 AND 18. GO TO NEXT RECORD IN HOUSEHOLD
4. HDPCH18 = 00-29
   - COUNT ALL PERSONS RECORDED WITH AN AGE BETWEEN 16 AND 18
   - WHEN COMPLETE

Uses:
CAIND
AGE

Derive first:
CAIND
HDPCH19 - Number of dependent children in household aged <19

CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH19 SAME FOR ALL

CAIND=2-4

GO TO NEXT RECORD IN HOUSEHOLD

AGE<19

WHEN COMPLETE

YES

RECORD AS CHILD AGED <19. GO TO NEXT RECORD IN HOUSEHOLD

HDPCH19 = 00-29

COUNT ALL CHILDREN RECORDED AGED<19

Uses:
CAIND
AGE

Derive first:
CAIND
HEACOMB - Household economic activity

Uses:
- HNEMP
- HNUNEMP
- HNINAC05

Derive first:
- HNEMP
- HNUNEMP
- HNINAC05

1. All persons in the household are employed
2. All persons in the household are either employed or unemployed
3. All persons in the household are either employed or inactive
4. All persons in the household are either employed, unemployed or inactive
5. All persons in the household are unemployed
6. All persons in the household are either employed or inactive
7. All persons in the household are inactive
HEAHEAD - Economic activity of head of family unit

START

READ IN ALL PERSONS IN FAMILY UNIT
HEAHEAD SAME FOR ALL

ANY RELHFU = 1

NO DNA

YES

INECAC05 = 6-33

1 EMPLOYED

2 UNEMPLOYED

INACTIVE

AGE<16

NA

Uses:
RELHFU INECAC05 AGE

Derive first:
RELHFU INECAC05
HEAWIFE - Economic activity of wife of family unit

START

RELHFU = 2

-8
NA

YES

INECAC05 = 1-4

INCOME = 5

INECAC05 = 6-33

-9
DNA

NO

NO

NO

NO

YES

YES

YES

1
EMPLOYED

2
UNEMPLOYED

3
INACTIVE

Uses:
RELHFU
INECAC05

Derive first:
RELHFU
INECAC05
HHTYPE6 - Type of household (full) (2 of 3)

1. NO → FDPCH19 >0
   - NO → IS THERE SOMEONE WITH RELHFU=1 AND MARSTA=2 IN FAMILY UNIT
     - YES → HHTYPE6 = 11
       - COHABITING COUPLE, NON-DEPENDENT CHILDREN, NO OTHERS
     - NO → HHTYPE6 = 10
       - MARRIED COUPLE, NON-DEPENDENT CHILDREN, NO OTHERS
   - YES → NUMBER OF PERSONS WITH RELHFU = 3 = FDPCH19
     - NO → IS THERE SOMEONE WITH RELHFU=1 AND MARSTA=2 IN FAMILY UNIT
       - YES → HHTYPE6 = 9
         - COHABITING COUPLE, DEPENDENT & NON-DEPENDENT CHILDREN, NO OTHERS
       - NO → HHTYPE6 = 8
         - MARRIED COUPLE, DEPENDENT & NON-DEPENDENT CHILDREN, NO OTHERS
     - YES → IS THERE SOMEONE WITH RELHFU=1 AND MARSTA=2 IN FAMILY UNIT
       - YES → HHTYPE6 = 7
         - COHABITING COUPLE, ALL DEPENDENT CHILDREN, NO OTHERS
       - NO → HHTYPE6 = 6
         - MARRIED COUPLE, ALL DEPENDENT CHILDREN, NO OTHERS
   - YES → HHTYPE6 = 2
   - NO → HHTYPE6 = 15

2. FDPCH19 >0
   - NO → LONE PARENT, ALL NON-DEPENDENT CHILDREN, NO OTHERS
   - YES → NUMBER OF PERSONS WITH RELHFU = 3 = FDPCH19
     - NO → LONE PARENT, DEPENDENT & NON-DEPENDENT CHILDREN, NO OTHERS
     - YES → LONE PARENT, ALL NON-DEPENDENT CHILDREN, NO OTHERS

HHTYPE6 - Type of household (full) (2 of 3)
IS THERE MORE THAN ONE PERSON IN HOUSEHOLD: HLDCMP6X SAME FOR ALL

READ IN ALL MEMBERS OF HOUSEHOLD: HLDCMP6X

SEX = 1

AGE = 16-59

ANY FUTYPE6 = 14, 15, OR 16

YES

AGE = 16-64

NO

HLDCMP6X = 1

1 MALE 65+, NO CHILDREN

NO

HLDCMP6X = 2

1 FEMALE 60+, NO CHILDREN

YES

HLDCMP6X = 3

1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

NO

NUMBER OF ADULTS = 1

NUMBER OF CHILDREN = 1

YES

HLDCMP6X = 4

1 ADULT, 1 CHILD

NO

HLDCMP6X = 5

1 ADULT, 2 OR MORE CHILDREN

Uses:
SMSXFU
FUTYPE6
CAIND
SEX
MARSTA
MARCHK
LIVWTH/LIV12W
AGE

Derive first:
SMSXFU
FUTYPE6
CAIND

HLDCMP6X - Composition of adults and children in household (based on old pensionable age) (1 of 3)
HLDCMP6Y - Composition of adults and children in household (based on new pensionable age) (1 of 3)

START

READ IN ALL MEMBERS OF HOUSEHOLD - HLDCMP6Y SAME FOR ALL

IS THERE MORE THAN ONE PERSON IN HOUSEHOLD

NO

SEX = 1

NO

AGE = 16-64

NO

HLDCMP6Y = 2

1 FEMALE 65+, NO CHILDREN

YES

HLDCMP6Y = 1

1 MALE 65+, NO CHILDREN

HLDCMP6Y = 3

1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

NO

ANY FUTYPE6 = 14, 15, OR 16

YES

HLDCMP6Y = 24

SAME SEX COHABITING COUPLE

ANY FUTYPE6 = 17, 18, OR 19

NO

NO

NUMBER OF ADULTS = 1

YES

HLDCMP6Y = 4

1 ADULT, 1 CHILD

NO

NUMBER OF CHILDREN = 1

YES

HLDCMP6Y = 5

1 ADULT, 2 OR MORE CHILDREN

Uses:
SMSXFU
FUTYPE6
CAIND
SEX
MARSTA
MARCHK
LIVWTH/LIV12W
AGE

Derive first:
SMSXFU
FUTYPE6
CAIND
HNDK - Number of people in household whose basic economic activity is not known

START

READ IN ALL PERSONS IN HOUSEHOLD - HNDK SAME FOR ALL

INECAC05 = -9
(FOR ANYONE IN HOUSEHOLD)

NO

HNDK = 0
NO-ONE IN HOUSEHOLD HAS AN UNKNOWN BASIC ECONOMIC ACTIVITY

YES

HNDK = 1-16
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=-9

YES
HNEMP - Number of people in household who are employed

START

READ IN ALL PERSONS IN HOUSEHOLD - HNEMP SAME FOR ALL

INECAC05 = 1 - 4 (FOR ANYONE IN HOUSEHOLD)

YES

HNEMP = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=1-4

NO

HNEMP=0

NO-ONE IN HOUSEHOLD IS EMPLOYED
HNFTIME - Number of people in household who are working full-time

START

READ IN ALL PERSONS IN HOUSEHOLD - HNFTIME SAME FOR ALL

INECAC05 = 1-4
(FOR ANYONE IN HOUSEHOLD)

YES

HNFTIME = 0
NO-ONE IN HOUSEHOLD IS WORKING FULL-TIME

NO

FTPT = 1
(FOR ANYONE IN HOUSEHOLD)

YES

HNFTIME = 0
NO-ONE IN HOUSEHOLD IS WORKING FULL-TIME

NO

HNFTIME = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=1-4 AND FTPT=1

Uses:
INECAC05
FTPT

Derive first:
INECAC05
FTPT
HNFTSTUD - Number of people in household who are full-time students

START

READ IN ALL PERSONS IN HOUSEHOLD - HNFTSTUD SAME FOR ALL

CURED8 = 1 – 3 (FOR ANYONE IN HOUSEHOLD)

YES

HNFTSTUD = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH CURED8 = 1-3

NO

HNFTSTUD=0
NO-ONE IN HOUSEHOLD IS A FULL-TIME STUDENT
HNINAC05 - Number of people in household who are inactive

START

READ IN ALL PERSONS IN HOUSEHOLD - HNINAC05 SAME FOR ALL

INECAC05 = 6-33 (FOR ANYONE IN HOUSEHOLD)

HNINAC05 = 0
NO-ONE IN HOUSEHOLD IS INACTIVE

YES

HNINAC05 = 1-19
NUMNER OF PEOPLE IN HOUSEHOLD WITH INECAC05=6-33
HNIWDSC - Number of people in household who are inactive, would like work but discouraged from seeking work

START

READ IN ALL PERSONS IN HOUSEHOLD - HNIWDSC SAME FOR ALL

INECAC05 = 17 (FOR ANYONE IN HOUSEHOLD)

HNIWDSC = 0

NO-ONE IN HOUSEHOLD IS INACTIVE, WOULD LIKE WORK BUT DISCOURAGED FROM SEEKING WORK

HNIWDSC = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05 = 17

YES

NO
HNIWFAM - Number of people in household who are inactive, would like work but looking after family/home

START

READ IN ALL PERSONS IN HOUSEHOLD - HNIWFAM SAME FOR ALL

INECAC05 = 7 OR 14 (FOR ANYONE IN HOUSEHOLD)

YES

HNIWFAM = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECA05=7 OF 14

HNIWFAM=0
NO-ONE IN HOUSEHOLD IS INACTIVE, WOULD LIKE WORK BUT LOOKING AFTER FAMILY/HOME

NO
HNIWSKD - Number of people in household who are inactive, would like work but currently sick/injured/disabled

START

READ IN ALL PERSONS IN HOUSEHOLD - HNIWSKD SAME FOR ALL

INECAC05 = 8, 9, 15 OR 16
(FOR ANYONE IN HOUSEHOLD)

HNIWSKD = 0
NO-ONE IN HOUSEHOLD IS INACTIVE, WOULD LIKE WORK BUT CURRENTLY SICK/INJURED/DISABLED

YES

HNIWSKD = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05 = 8, 9, 15 OR 16
HNIWSTU - Number of people in household who are inactive, would like work but currently students

START

READ IN ALL PERSONS IN HOUSEHOLD - HNIWSTU SAME FOR ALL

INECAC05 = 6 OR 13 (FOR ANYONE IN HOUSEHOLD)

NO

HNIWSTU = 0
NO-ONE IN HOUSEHOLD IS INACTIVE WOULD LIKE WORK BUT CURRENTLY STUDENTS

YES

HNIWSTU = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05 = 6 OR 13
HNMF1664 - Number of people in household who are aged 16 to 64

START

READ IN ALL PERSONS IN HOUSEHOLD – HNMF1664 SAME FOR ALL

AGE = 16-64

NO

-DNA

YES

HNMF1664 = 0-16
HNMF5964 - Number of people in household who are male aged between 16 and 64 and female aged between 16 and 59

START

READ IN ALL PERSONS IN HOUSEHOLD – HNMF5964 SAME FOR ALL

SEX = 1

NO

AGE = 16-59

NO

GO TO NEXT RECORD IN HOUSEHOLD

YES

AGE = 16 - 64

NO

GO TO NEXT RECORD IN HOUSEHOLD

YES

RECORD AS MALE AGED 16-64

GO TO NEXT RECORD IN HOUSEHOLD

YES

RECORD AS FEMALE AGED 16-59

GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

WHEN COMPLETE

WHEN COMPLETE

WHEN COMPLETE

HNMF5964 = 0-16

NUMBER OF PEOPLE IN HOUSEHOLD MALE AGED BETWEEN 16 AND 64 AND FEMALE AGED BETWEEN 16 AND 59

Uses:

AGE

SEX
HNNOWK05 - Number of people in household who are inactive and do not want work

START

READ IN ALL PERSONS IN HOUSEHOLD - HNNOWK05 SAME FOR ALL

INECAC05 = 23 – 33 (FOR ANYONE IN HOUSEHOLD)

NO

HNNOWK05 = 0

NO-ONE IN HOUSEHOLD IS INACTIVE AND DOES NOT WANT WORK

YES

HNNOWK05 = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05 = 23-33
HNOTSTUD - Number of people in household who are not full-time students

START

READ IN ALL PERSONS IN HOUSEHOLD - HNOTSTUD SAME FOR ALL

CURED8 = 4 – 13, -8, -9 (FOR ANYONE IN HOUSEHOLD)

NO

HNOTSTUD = 0
NO-ONE IN HOUSEHOLD ARE NOT FULL TIME STUDENTS

YES

HNOTSTUD = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH CURED8=4-13,-8,-9

READ IN ALL PERSONS IN HOUSEHOLD - HNOTSTUD SAME FOR ALL
HNPENX - Number of people in household who are of the old pensionable age (male 65 plus, female 60 plus)
HNPENY - Number of people in household who are of new pensionable age (male and female 65 plus)

HNPENY = 0
NO-ONE IN HOUSEHOLD AT NEW PENSIONABLE AGE

HNPENY = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH AGE>=65

START
READ IN ALL PERSONS IN HOUSEHOLD - HNPENY SAME FOR ALL

AGE >= 65
NO

YES

HNPENY = 0
NO-ONE IN HOUSEHOLD AT NEW PENSIONABLE AGE

Uses:
AGE
HNPTIME - Number of people in household who are working part-time

START

READ IN ALL PERSONS IN HOUSEHOLD - HNPTIME SAME FOR ALL

INECAC05 = 1-4 
(FOR ANYONE IN HOUSEHOLD)

HNPTIME≠0
NO-ONE IN HOUSEHOLD IS WORKING PART TIME

HNPTIME=0
NO-ONE IN HOUSEHOLD IS WORKING PART TIME

HTPT = 2 
(FOR ANYONE IN HOUSEHOLD)

YES

HNPTIME = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INEAC05=1-4 AND FTPT=2

YES

Uses:

INECAC05
FTPT

Derive first:

INECAC05
FTPT
HNUNEMP - Number of people in household who are un-employed

START
READ IN ALL PERSONS IN HOUSEHOLD - HNUNEMP SAME FOR ALL

INECAC05 = 5
(FOR ANYONE IN HOUSEHOLD)

HNUNEMP = 0
NO-ONE IN HOUSEHOLD IS UN-EMPLOYED

YES

HNUNEMP = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=5
HNWOTH05 - Number of people in household who are inactive for other reasons but would like work

START

READ IN ALL PERSONS IN HOUSEHOLD - HNWOTH05 SAME FOR ALL

INECAC05 - 10 - 12, 18 - 22 (FOR ANYONE IN HOUSEHOLD)

HNWOTH05 = 0

NO-ONE IN THE HOUSEHOLD IS INACTIVE FOR OTHER REASONS BUT WOULD LIKE WORK

HNWOTH05 = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05= 10-12,18-22

YES
LOOK AT EACH RECORD IN HOUSEHOLD AND THEN ASSIGN:
1. IF HOH
2. IF NOT HOH

NOADULT=0
NOADULT=1
NOADULT=2

MALE=1 AND WIFEFLAG=1
MALE=1 AND WIFEFLAG=0

AGE>=16 AND SEX=1
AGE>=16 AND SEX=2

ELDESTHRPM > ELDESTHRPF
ELDESTHRPF > ELDESTHRPM

1

NO
YES

YES

NO
YES

NO
YES

HOHID=2
HOHID=1
HOHID=1
HOHID=1
HOHID=1
HOHID=1
HOHID=2
HOHID=2
HOHID=1
HOHID=2
HOHID=1
HOHID=1

Uses:

AGE
SEX
HRPID
MARSTA
MARCHK
LIVWTH
RECNO
XR..(RELATIONSHIP VARIABLES)

KEY

NOADULT:- Number of people in the household aged 16+
ELDESTREC:- RECNO of the oldest person
MALE:- Number of males aged 16+ in the household
FEMALE:- Number of females aged 16+ in the household
HRPMAN:- Males aged 16+ in the household with HRPID=1
WIFEFLAG:- Females aged 16+ in the household where (MARSTA=2 and MARCHK=1) or (LIVWTH=1)
HRPWIFE:- WIFEFLAG=1 and HRPID=1
ELDESTHRPM:- Age of oldest male with HRPID=1
ELDESTHRPMPREC:- RECNO of oldest male with HRPID=1
ELDESTHRPF:- Age of oldest female with HRPID=1
ELDESTHRPFREC:- RECNO of oldest person with HRPID=1 in the household
ELDESTSREC:- RECNO of the male spouse of the oldest female
RELHFU - Relationship to head of family unit (1 of 3)

START

READ IN ALL PERSONS IN FAMILY UNIT (USING SMSXFU) - THEN FOR EACH RECORD

IS THERE MORE THAN ONE PERSON IN THE FAMILY

NO

RELHFU = 1
HEAD OF FAMILY UNIT

YES

MARSTA = 2

NO

LIVWTH = 1

NO

1

YES

LIVWTH = 1

YES

RELHFU = 1
HEAD OF FAMILY UNIT

ANY OTHER MARSTA = 2 IN FAMILY UNIT

NO

SEX = 1

NO

ANY OTHER LIVWTH = 1 IN FAMILY UNIT

NO

RELHFU = 1
HEAD OF FAMILY UNIT

YES

SEX = 1

YES

RELHFU = 1
HEAD OF FAMILY UNIT

NO

ANY OTHER MARSTA = 2 IN FAMILY UNIT

NO

RELHFU = 2
WIFE/PARTNER OF HEAD

YES

RELHFU = 1
HEAD OF FAMILY UNIT

Uses:
SMSXFU
MARSTA
LIVWTH
AGE
RECN0
SEX

Derive first:
SMSXFU
RELHFU - Relationship to head of family unit (2 of 3)

1. MARSTA = 6
   - NO → LIVWTH=3
     - NO → 2
     - YES → THERE IS ANOTHER PERSON IN THE FAMILY UNIT WITH MARSTA = 6 OR LIVWTH=3
       - NO → RELHPU = 1 (HEAD OF FAMILY UNIT)
       - YES → 1 PERSON IN FAMILY UNIT WITH MARSTA = 6 OR LIVWTH=3 IS OLDER THAN THE OTHER PERSON WITH MARSTA = 6 OR LIVWTH=3 (IE AGES NOT EQUAL)
         - NO → RELHPU = 1 (HEAD OF FAMILY UNIT)
         - YES → ELDEST PERSON?
           - NO → RELHPU = 2 (WIFE/PARTNER OF HEAD)
           - YES → RELHPU = 1 (HEAD OF FAMILY UNIT)

2. LIVWTH=3
   - NO → RELHPU = 1 (HEAD OF FAMILY UNIT)

3. 1 PERSON IN FAMILY UNIT WITH MARSTA = 6 OR LIVWTH=3 IS OLDER THAN THE OTHER PERSON WITH MARSTA = 6 OR LIVWTH=3 (IE AGES NOT EQUAL)
   - NO → RELHPU = 1 (HEAD OF FAMILY UNIT)
   - YES → PERSNO < PERSNO OF OTHER PERSON WITH MARSTA = 6 OR LIVWTH=3
     - NO → RELHPU = 2 (WIFE/PARTNER OF HEAD)
     - YES → RELHPU = 1 (HEAD OF FAMILY UNIT)
RELHFU - Relationship to head of family unit (3 of 3)

1. If MARSTA = 3,4,5,7,8,9, then:
   - RELHFU = 1
     HEAD OF FAMILY UNIT

2. If ANY OTHER PERSONS MARSTA = 2,3,4,5 in family unit, then:
   - RELHFU = 1
     HEAD OF FAMILY UNIT

3. If OLDEST PERSON IN FAMILY, then:
   - RELHFU = 3
     CHILD OF HEAD

   - RELHFU = 3
     CHILD OF HEAD
RELHRP6 - Relationship to Household Reference Person (2 of 2)
SMSXFU - Family unit redefined to include same sex partners and Civil Partners in same family unit

START

MARSTA
= 6 or LIVWTH
= 3

NO

SMSXFU = FAMUNIT

YES

PARTNER PRESENT IN HOUSEHOLD IE:
RELATIONSHIP = 2 or 20
TO SOMEONE IN HOUSEHOLD,
OR SOMEONE RELATED TO THEM = 2 or 20

NO

JOIN FAMILY UNITS OF PARTNERS SO THAT SMSXFU = LOWEST FAMUNIT (OF PARTNERS)

YES

Uses:
FAMUNIT
LIVWTH
MARSTA
RELATIONSHIP GRID (XR_VARIABLES)
TOTFU - Total number of family units in the household

1. READ IN ALL FAMILY UNITS IN HOUSEHOLD - TOTFU SAME FOR ALL

2. TOTFU = MAX(SMSXFU)

Uses:
- SMSXFU

Derive first:
- SMSXFU
TOTNUM - Total number of (eligible) people in the household

Note: cases that aren't counted of eligible have an IOUTCOME of 5 or missing SEX information, which shouldn't occur
TOTXFU - Total number of extended family units in the household

- Read in all family units in household - TOTXFU
  - MAX(EXTFU) < 0
  - MAX EXTFU

- TOTXFU = 0
  - No extended family units in household

Uses:
- EXT FU

Derive first:
- EXT FU
**XFMDC** - Total number of extended family units in the household with dependent children

---

**Uses:**
- EXT FU
- FDPCH19

**Derive first:**
- EXT FU
- FDPCH19
XFMNDC - Total number of extended family units in the household with non-dependent children only

READ IN ALL FAMILY UNITS IN HOUSEHOLD - XFMNDC SAME FOR ALL

FDPC19=0

NO

RELHFU=3

NO

YES

YES

XFMNDC=1-16

NUMBER OF DIFFERENT EXTENDED FAMILY UNITS (EXTFU) WHERE RELHFU=3 AND FDPC19=0

XFMNDC=0

NO EXTENDED FAMILIES IN HOUSEHOLD WITH NON-DEPENDENT CHILDREN ONLY

Uses:
EXTFU
RELHFU
FDPC19

Derive first:
EXTFU
RELHFU
FDPC19
PERSON LEVEL AND BANDED DERIVED VARIABLES
AGEDFE – Age at preceding 31st August (1 of 3)

Cases with an AGE=0 and DOBM ne -9 have AGEDFE=0
Cases with an AGEDFE>=99 AGEDFE is recoded to 99
Uses:
ED4WK
FUTUR4
ED13WK
FUTUR13
BACTHR - Basic actual hours in main job

START

AGE=0-15

NO

TOTAC1 = -9

NO

TOTAC1 = 99 OR -8

NO

TOTAC1 = 0.01-0.99

NO

TOTAC1 = XX.5

NO

BACTHR = TOTAC1 ROUNDED TO THE NEAREST WHOLE NUMBER IF >97 SET TO 97

YES

BACTHR = -9 DNA

YES

BACTHR = -8 NO ANSWER

YES

BACTHR = 01

YES

BACTHR = TOTAC1 ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

ACTHR = -9

NO

ACTHR = 99 OR -8

NO

ACTHR = 0.01-0.99

NO

ACTHR = XX.5

NO

BACTHR = ACTHR ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

NO

BACTHR = ACTHR ROUNDED TO THE NEAREST WHOLE NUMBER IF >97 SET TO 97

NO

BACTHR = -8 DNA

NO

BACTHR = -8 NO ANSWER

YES

BACTHR = -8 NO ANSWER

YES

BACTHR = 01

YES

BACTHR = TOTAC1 ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

BACTHR = TOTAC1 ROUNDED TO THE NEAREST WHOLE NUMBER IF >97 SET TO 97

Uses: ACTHR AGE TOTAC1
BUSHR - Basic usual hours in main job

START

AGE=0-15 NO

TOTUS1 = -9 NO

TOTUS1 = 99 OR -8

YES

TOTUS1 = 0.01-0.99

NO

TOTUS1 = XX.5

NO

BUSHR = -9 DNA

BUSHR = -8 NO ANSWER

BUSHR = 01

BUSHR = TOTUS1 ROUNDED TO THE NEAREST WHOLE NUMBER IF >97 SET TO 97

BUSHR = USUHR ROUNDED TO THE NEAREST WHOLE NUMBER IF >97 SET TO 97

BUSHR = USUHR ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

USUHR = 0.01-0.99

NO

USUHR = XX.5

NO

USUHR = 99 OR -8

YES

USUHR = -8 NO ANSWER

USUHR = 01

BUSHR = TOTUS1 ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

BUSHR = USUHR ROUNDED TO THE NEAREST EVEN NUMBER IF >97 SET TO 97

USUHR = -8 NO ANSWER

EverOT = -8

NO

EVEROT = -9 DNA

YES

BUSHR = -9 DNA

BUSHR = -8 NO ANSWER

Uses:

AGE
TOTUS1
USUHR
EVEROT
CIGSMK1-Smoking Status

START → AGE<18 → NO → SMOKEVER=1 → NO → SMOKEVER=2 → NO → SMOKEVER=-8 → NO → DNA

- YES → CIGNOW=1 → YES → 4 Under 18
- NO → CIGNOW=2 → YES → 1 Current cigarette smoker
- YES → 2 Ex-cigarette smoker
- NO → 3 Never smoked
- YES → -8 NA

Uses:
AGE
SMOKEVER
CIGNOW
CLAIMS14 – Whether claiming unemployment related benefits (1 of 2)

Uses:
AGE
WRKING
JBAWAY
OWNBUS
RELBUS
TPBN13*
UCREDIT
UNEMBN*
JSATYP

*denotes multicode questionnaire variable e.g UNEMBN*~1 and UNEMBN*~2 in full reads UNEMBN1 ≠ 1 and UNEMBN2 ≠ 1 and (UNEMBN1=2 or UNEMBN2=2)

5 National Insurance Credits Only

7 Contributory JSA and UC for looking for work
CLAIMS14 – Whether claiming unemployment related benefits (2 of 2)

1. TPBN13* = 1 and UREDIT = 1
   - NO: No unemployment related benefits
   - YES:
     2. UNEMBN* = 1 and UNEMBN* = 2
       - NO: Universal Credit for looking for work only
       - YES: National Insurance Credits Only

2. JSATYP = 1
   - NO: Contributory JSA only
   - YES:
     3. JSATYP = 2
       - NO: Income based JSA only
       - YES: Contributory and income based JSA
     4. JSATYP = 3
       - NO: JSA type not stated
       - YES:
         5. JSATYP = 4, 8
           - NO:
             - UNEMBN* = 1 and UNEMBN* = 2
               - NO: NA
               - YES: National Insurance Credits Only
           - YES: NA
CRYOX7 - Country of Birth (1 of 2)

START

CRY12 = 921-924, 926

YES

926
UK/GB

NO

CRY12 = 921-926

YES

926
UK/GB

NO

CRYO7 = 831-833, 931

YES

926
UK/GB

NO

CRY12 = 372

YES

372
IRELAND (REPUBLIC)

NO

1

CRY12 = 616

YES

616
POLAND

NO

CRY12 = 356

YES

356
INDIA

NO

CRY12 = 586

YES

586
PAKISTAN

NO

CRYO7

Valid range

YES

CRYOX7 = -8
(not applicable)

NO

CRYO7

CRY07

Uses:

CRY12
CRYO7
<table>
<thead>
<tr>
<th>Range of valid CRYO7 values</th>
<th>CRYOX7 - Country of Birth (2 of 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Afghanistan 178 Congo 352 Iceland 530 Netherlands Antilles 704 Vietnam</td>
<td></td>
</tr>
<tr>
<td>8 Albania 180 Congo (Democratic Republic) 356 India 533 Arabia 705 Slovenia</td>
<td></td>
</tr>
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<td>12 Algeria 188 Costa Rica 364 Iran 548 Vanuatu 710 South Africa</td>
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<tr>
<td>16 American Samoa 191 Croatia 368 Iraq 554 New Zealand 716 Zimbabwe</td>
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<tr>
<td>20 Andorra 192 Cuba 372 Ireland 558 Nicaragua 722 Western Sahara</td>
<td></td>
</tr>
<tr>
<td>24 Angola 203 Czech Republic 376 Israel 562 Niger 736 Sudan</td>
<td></td>
</tr>
<tr>
<td>28 Antigua And Barbuda 204 Benin 380 Italy 566 Nigeria 740 Surinam</td>
<td></td>
</tr>
<tr>
<td>31 Azerbaijan 208 Denmark 384 Ivory Coast 570 Nauru 744 Svalbard And Jan Mayen</td>
<td></td>
</tr>
<tr>
<td>32 Argentina 212 Dominica 388 Jamaica 574 Norfolk Island 748 Swaziland</td>
<td></td>
</tr>
<tr>
<td>36 Australia 214 Dominican Republic 392 Japan 578 Norway 752 Sweden</td>
<td></td>
</tr>
<tr>
<td>40 Austria 218 Ecuador 398 Kazakhstan 580 Northern Mariana Islands 756 Switzerland</td>
<td></td>
</tr>
<tr>
<td>44 Bahamas, The 222 El Salvador 400 Jordan 581 United States Minor Outlying Islands 760 Syria</td>
<td></td>
</tr>
<tr>
<td>48 Bahrain 226 Equatorial Guinea 404 Kenya 583 Micronesia 762 Tajikistan</td>
<td></td>
</tr>
<tr>
<td>50 Bangladesh 231 Ethiopia 408 Korea (North) 584 Marshall Islands 764 Thailand</td>
<td></td>
</tr>
<tr>
<td>51 Armenia 232 Eritrea 410 Korea (South) 585 Palau 768 Togo</td>
<td></td>
</tr>
<tr>
<td>52 Barbados 233 Estonia 414 Kuwait 586 Pakistan 772 Tokelau</td>
<td></td>
</tr>
<tr>
<td>56 Belgium 234 Faroe Islands 417 Kyrgyzstan 591 Panama 776 Tonga</td>
<td></td>
</tr>
<tr>
<td>60 Bermuda 238 Falkland Islands 418 Laos 598 Papua New Guinea 780 Trinidad And Tobago</td>
<td></td>
</tr>
<tr>
<td>64 Bhutan 239 Isle of Man 422 Lebanon 600 Paraguay 784 United Arab Emirates</td>
<td></td>
</tr>
<tr>
<td>68 Bolivia 242 Fiji 426 Lesotho 604 Peru 788 Tunisia</td>
<td></td>
</tr>
<tr>
<td>70 Bosnia And Herzegovina 246 Finland 428 Latvia 608 Philippines 792 Turkey</td>
<td></td>
</tr>
<tr>
<td>72 Botswana 248 Åland Islands 430 Liberia 612 Pitcairn, Henderson, Ducie And Oeno Isla 795 Turkmenistan</td>
<td></td>
</tr>
<tr>
<td>74 Bouvet Island 250 France 434 Libya 616 Poland 796 Turks And Caicos Islands</td>
<td></td>
</tr>
<tr>
<td>76 Brazil 254 French Guiana 438 Liechtenstein 620 Portugal 798 Tuvalu</td>
<td></td>
</tr>
<tr>
<td>84 Belarus 258 French Polynesia 440 Lithuania 624 Guinea-Bissau 800 Uganda</td>
<td></td>
</tr>
<tr>
<td>86 British Indian Ocean Territory 260 French Southern Territories 442 Luxembourg 626 East Timor 804 Ukraine</td>
<td></td>
</tr>
<tr>
<td>90 Solomon Islands 262 Djibouti 446 Macao (Special Administrative Region Of China) 630 Puerto Rico 807 Macedonia</td>
<td></td>
</tr>
<tr>
<td>92 British Virgin Islands 266 Gabon 450 Madagascar 634 Qatar 818 Egypt</td>
<td></td>
</tr>
<tr>
<td>96 Brunei 268 Georgia 454 Malawi 638 Réunion 831 Guernsey</td>
<td></td>
</tr>
<tr>
<td>100 Bulgaria 270 Gambia, The 458 Malaysia 642 Romania 832 Jersey</td>
<td></td>
</tr>
<tr>
<td>104 Burma 275 And 462 Maldives 643 Russia 833 Isle Of Man</td>
<td></td>
</tr>
<tr>
<td>108 Burundi 276 Germany 466 Mali 646 Rwanda 834 Tanzania</td>
<td></td>
</tr>
<tr>
<td>112 Belarus 288 Ghana 468 Malta 652 St Barthelemy 840 United States</td>
<td></td>
</tr>
<tr>
<td>116 Cambodia 292 Gibraltar 474 Martinique 654 St Helena 850 United States Virgin Islands</td>
<td></td>
</tr>
<tr>
<td>120 Cameroon 296 Kiribati 478 Mauritania 659 St Kitts And Nevis 854 Burkina</td>
<td></td>
</tr>
<tr>
<td>124 Canada 300 Greece 480 Mauritius 660 Anguilla 858 Uruguay</td>
<td></td>
</tr>
<tr>
<td>132 Cape Verde 304 Greenland 484 Mexico 662 St Lucia 860 Uzbekistan</td>
<td></td>
</tr>
<tr>
<td>136 Cayman Islands 308 Grenada 492 Monaco 663 St Martin 862 Venezuela</td>
<td></td>
</tr>
<tr>
<td>140 Central African Republic 312 Guadeloupe 496 Mongolia 666 St Pierre And Miquelon 876 Wallis And Futuna</td>
<td></td>
</tr>
<tr>
<td>144 Sri Lanka 316 Guam 498 Moldova 670 St Vincent And The Grenadines 882 Samoa</td>
<td></td>
</tr>
<tr>
<td>148 Chad 320 Guatemala 499 Montenegro 674 San Marino 887 Yemen</td>
<td></td>
</tr>
<tr>
<td>152 Chile 324 Guinea 500 Montserrat 678 Sao Tome And Principe 891 Kosova And Metohia</td>
<td></td>
</tr>
<tr>
<td>156 China 328 Guyana 504 Morocco 682 Saudi Arabia 894 Zambia</td>
<td></td>
</tr>
<tr>
<td>158 China (Taiwan) 332 Haiti 508 Mozambique 686 Senegal 901 Cyprus (European Union)</td>
<td></td>
</tr>
<tr>
<td>162 Christmas Island 334 Heard Island And Mcdonald Islands 512 Oman 688 Serbia 902 Cyprus (Non-European Union)</td>
<td></td>
</tr>
<tr>
<td>166 Cocos (Keeling) Islands 336 Vatican City 516 Namibia 690 Seychelles 903 Cyprus (Not Otherwise Specified)</td>
<td></td>
</tr>
<tr>
<td>170 Colombia 340 Honduras 520 Nauru 694 Sierra Leone 911 Spain (Except Canary Islands)</td>
<td></td>
</tr>
<tr>
<td>174 Comoros 344 Hong Kong (Special Administrative Region) 524 Nepal 702 Singapore 912 Canary Islands</td>
<td></td>
</tr>
<tr>
<td>175 Mayotte 348 Hungary 528 Netherlands 703 Slovakia 913 Spain Not Otherwise Specified</td>
<td></td>
</tr>
</tbody>
</table>
DIFFHR6 - Why different hours from usual worked in reference week (1 of 2)

Uses:
AGE
TYP$\text{SCH12}$
YTETJB
WRKING
OWNBUS
RELBUS
JBAWAY
ILLWK
ILLDAYS(1-7)
ACTWKDY(1-7)
TOTAC1
TOTAC2
TOTUS1
TOTUS2
YLESS6

*Number of positive values in ILLDAYS(1-7) and ACTWKDY(1-7)
DIFFHR6 - Why different hours from usual worked in reference week (2 of 2)

2 ➔ YLESS6 = 1 ➔ NO ➔ YLESS6 = 2 ➔ NO ➔ YLESS6 = 3 ➔ NO ➔ YLESS6 = 4 ➔ NO ➔ YLESS6 = 5 ➔ 3

2 ➔ HOURS VARY

3 ➔ YLESS6 = 6 ➔ NO ➔ YLESS6 = 7 ➔ NO ➔ YLESS6 = 8 ➔ NO ➔ YLESS6 = 9 ➔ NO ➔ YLESS6 = 10 ➔ NO ➔ 4

3 ➔ YLESS6 = 6 ➔ YES ➔ 7 ➔ SICK OR INJURED

NO ➔ YLESS6 = 7 ➔ YES ➔ 8 ➔ TRAINING COURSE

4 ➔ YLESS6 = 8 ➔ YES ➔ 9 ➔ STARTED/CHANGED JOB

5 ➔ PARENTAL LEAVE

6 ➔ OTHER LEAVE/HOLIDAY

4 ➔ YLESS6 = 11 ➔ NO ➔ YLESS6 = 12 ➔ NO ➔ YLESS6 = 13 ➔ NO ➔ YLESS6 = 14 ➔ NO ➔ 16

4 ➔ YLESS6 = 11 ➔ YES ➔ 12 ➔ LABOUR DISPUTE

NO ➔ YLESS6 = 12 ➔ YES ➔ 13 ➔ ECONOMIC/OTHER CAUSES

6 ➔ OTHER REASONS

15 ➔ PERSONAL/FAMILY

16 ➔ NO REASON GIVEN
DURUN - Duration of ILO unemployment (1 of 2)

Uses:
AGE
WRKING
JBAWAY
COUNTRY
SCHM12
FUND12
TYPSCH12
RELBUS
OWNBUS
YTETJB
START
LOOK4
LKYT4
WAIT
LKTIMA
LKTIMB
WNLEFT11

Derive first:
WNLEFT11

START
AGE <= 15 NO WRKING = 1 NO COUNTRY = 5 NO FUND12 = 1, 2, 3 NO TYPSCH12 = 1, 2, 3, 5, 8, 9 NO RELBUS = 1

-9 DNA

OWNBUS = 1 NO YTETJB = 1 NO START = 1 NO

-9 DNA

LOOK4 = 1 NO LKYT4 = 1 NO JBAWAY = 3 NO WAIT = 1 NO

-9 DNA

2
DURUN - Duration of ILO unemployment (2 of 2)

2

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

1

< 3 MTHS

2

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 4

3

=> 3 MTHS BUT < 6 MTHS

3

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 5

= 6 MTHS BUT < 12 MTHS

4

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 8

5

=> 2 YRS BUT < 3 YRS

4

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 10

6

=> 3 YRS BUT < 4 YRS

5

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 11

7

=> 4 YRS BUT < 5 YRS

6

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 10

8

=> 5 YRS

7

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 11

8

LKTIMA = NO, LKTIMB = NO, WNLEFT11 = 1

YES

LKTIMA = 11

-8

NA
DURUN2 - Duration of ILO unemployment (1 of 2)

Uses:
- AGE
- WRKING
- JBAWAY
- COUNTRY
- SCHM12
- FUND12
- TYPSCH12
- RELBUS
- OWNBUS
- YTETJB
- START
- LOOK4
- LKYT4
- WAIT
- LKTIMA
- LKTIMB
- WN2LFT11

Derive first:
- WN2LFT11

YOLOBUS = 1
NO

START
AGE = 15
NO
WRKING = 1
NO
JBAWAY = 1
NO
COUNTRY = 5
NO
FUND12 = 1, 2, 3
NO
TYPSCH12 = 1, 2, 3, 5, 8, 9
NO
RELBUS = 1
NO
1

-9
DNA

1
OWNBUS = 1
NO
YTETJB = 1
NO
START = 1
NO

-9
DNA

2

-9
DNA

-9
DNA
DURUN2 - Duration of ILO unemployment (2 of 2)
EDUCLEV16: Level of the current education or training (ISCED11)
EDUCLEV16: Level of the current education or training (ISCED11) (Page 7 of 8)
**KEY**

1. ISCED 1 Primary education  
2. ISCED 2 Lower secondary education  
3. ISCED 3 Upper secondary education  
4. ISCED 4 Post-secondary non-tertiary education (N/A in UK)  
5. ISCED 5 Short-cycle tertiary education level  
6. ISCED 6 Bachelor’s or equivalent level  
7. ISCED 7 Master’s or equivalent level  
8. ISCED 8 Doctoral or equivalent level  
9. Not applicable (EDUCSTA16=2,9 or BLANK)
EDUCSTA16: Student or apprentice in regular education during last four weeks

Uses:
AGE
EDAGE
ATTEND
COURSE
APPRCURR

KEY
1 Has been a student or an apprentice
2 Has not been a student or apprentice
3 Person in regular education but on holidays
9 Not applicable (child less than 15 years)
BLANK No answer
EDUCVOC15: Orientation of programme in which person enrolled

**KEY**

1. General
2. Vocational
9. Not applicable (EDUCLEV16 ≠ 3 to 4)

For full details see *EU LFS explanatory notes from 2014*, pp 115-116.
EHATFLD16: Field of highest level of education or training successfully completed

Page 1 of 8

Start date: Jan 2016

Eligibility filter:
EHATLEV15 = 302 to 800 and (AGE = 15 to 34 or ((AGE > 34) and (EHATYR15 >= 0) and EYEAR – EHATYR15 <= 15))

Uses:
EHATLEV15
AGE
EYEAR
EHATYR15
HIQUAL15
HDSICO
FDSICO
NDSICO
SUBCODE
SNGHD
HICOMBMA
FDSNGDEG
UNCOMBA
SNGDEGN
COMMAIN

Q'aire variable name changes 30/11/2015

To 2015 From 2016

Single or combined subject questions
FDSINCOM FDSICO (General)
HDSINCOM HDSICO (Higher)
SINCOM  NDSICO (Nursing)

Combined subject coding frames
FDCMBMA UNCOMBMA (General)
CMBHDM MA HICOMBMA (Higher)
CMBMAINN COMMAIN (Nursing)
EHATFLD16: Field of highest level of education or training successfully completed

Fields of Education 2016
0000 Generic programmes and qualifications
0100 Education
0200 Arts and humanities
0300 Social sciences, journalism and information
0400 Business, administration and law
0500 Natural sciences, mathematics and statistics
0600 Information and communication technologies
0700 Engineering, manufacturing and construction
0800 Agriculture, forestry, fisheries and veterinary
0900 Health and welfare
1000 Services
9998 Unknown or unspecified
9999 Does not apply
EHATFLD16: Field of highest level of education or training successfully completed
EHATFLD16: Field of highest level of education or training successfully completed

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Fields of Education 2016

0000  Generic programmes and qualifications
0100  Education
0200  Arts and humanities
0300  Social sciences, journalism and information
0400  Business, administration and law
0500  Natural sciences, mathematics and statistics
0600  Information and communication technologies
0700  Engineering, manufacturing and construction
0800  Agriculture, forestry, fisheries and veterinary
0900  Health and welfare
1000  Services
9998  Unknown or unspecified
9999  Does not apply
EHATFLD16: Field of highest level of education or training successfully completed

Page 5 of 8

Diagram with decision paths and values for FDSNGDEG ranging from 2.2 to 13.3.
**EHATFLD16: Field of highest level of education or training successfully completed**

**Fields of Education 2016**

- 0000 Generic programmes and qualifications
- 0100 Education
- 0200 Arts and humanities
- 0300 Social sciences, journalism and information
- 0400 Business, administration and law
- 0500 Natural sciences, mathematics and statistics
- 0600 Information and communication technologies
- 0700 Engineering, manufacturing and construction
- 0800 Agriculture, forestry, fisheries and veterinary
- 0900 Health and welfare
- 1000 Services
- 9998 Unknown or unspecified
- 9999 Does not apply
Fields of Education 2016

0000  Generic programmes and qualifications
0100  Education
0200  Arts and humanities
0300  Social sciences, journalism and information
0400  Business, administration and law
0500  Natural sciences, mathematics and statistics
0600  Information and communication technologies
0700  Engineering, manufacturing and construction
0800  Agriculture, forestry, fisheries and veterinary
0900  Health and welfare
1000  Services
9998  Unknown or unspecified
9999  Does not apply
Uses:

AGE
HIQUAL15
HIGHO
DEGREE7(1-5)
APPR12
APPRLEV
NUMOL5
EDAGE

Derive first:

HIQUAL15

000 No formal education or below ISCED 1
100 ISCED 1
200 ISCED 2 (incl ISCED 3 programmes of duration less than 2 years)
302 ISCED 3 programme duration >= 2 years, sequential (i.e. access to next ISCED 3 programme only)
303 ISCED 3 programme duration >= 2 years, terminal or access to next ISCED 4 only (N/A in UK)
304 ISCED 3 with access to ISCED 5, 6 or 7
400 ISCED 4 (N/A in UK)
500 ISCED 5
600 ISCED 6
700 ISCED 7
800 ISCED 8
999 Not applicable (age < 15)
Note regarding EDAGE – Age when completed continuous full-time education.
0 to 95 = age
96 = still in education
97 = never had education
Ehatvoc15: Orientation of programme completed at the highest education level

Uses:
AGE
REFWKY
Ehatyr15
Ehatlev15
Hiqual15
Appr12

Derive first:
Ehatyr15
Ehatlev15
Hiqual15
**EHATYR15**: Year when highest level of education or training successfully completed

Page 1 of 1

**Uses:**
- AGE
- EHATLEV15
- YERQAL1
- YERQAL2
- YERQAL3
- EYOB
- REFWKY
- HIQUAL15

**Derive first:**
- EHATLEV15
- HIQUAL15

**KEY**
- The 4 digits of year when highest level of education or training was successfully completed are entered.
- 9999: Not applicable
- BLANK: No answer

**Diagram:**

- **Start**: AGE > 15 and EHATLEV15 = 100 to 800
  - **No**: 9999
  - **Yes**: YERQAL1 = 1
    - **No**: YERQAL1 = 2
      - **No**: HIQUAL15 = 84
        - **No**: BLANK
        - **Yes**: YERQAL3 >= 1900 and <= REFWKY
          - **No**: BLANK
          - **Yes**: EYOB + 16
            - **Yes**: EYOB + YERQAL2
          - **Yes**: YERQAL3
EMPMON- Number of months worked continuously with current employer/as self-employed

```
EMPMON = (REFWKY- CONMPY)*12
+ (REFWKM- CONMON)
```
ETHEW18 – Ethnicity (18 categories) England and Wales level (2 of 2)

Valid from April 2011

Uses:
- COUNTRY
- ETHWHE
- ETHWHW
- ETH11EW
- ETHAS11
- ETHBL11
- ETHMX11

KEY:
1. White British
2. White Irish
3. White Gypsy or Irish Traveller
4. Other White
5. White and Black Caribbean
6. White and Black African
7. White and Asian
8. Other Mixed / multiple ethnic background
9. Indian
10. Pakistani
11. Bangladeshi
12. Chinese
13. Other Asian background
14. Black African
15. Black Caribbean
16. Other Black / African / Caribbean background
17. Arab
18. Other ethnic group
-8. No Answer
-9. Not Applicable

ETHEW18 = 18

ETHEW18 = -8

ETHEW18 = 18
ETHEWEUL – Ethnicity (16 categories) England and Wales level (2 of 2)

Valid from April 2011

**Uses:**
- COUNTRY
- ETHWHE
- ETHWHW
- ETH11EW
- ETHAS11
- ETHBL11
- ETHMX11

**KEY:**
1. White British
2. White Irish
3. Other White*
4. White and Black Caribbean
5. White and Black African
6. White and Asian
7. Other Mixed / multiple ethnic background
8. Indian
9. Pakistani
10. Bangladeshi
11. Chinese
12. Other Asian background
13. Black African
14. Black Caribbean
15. Other Black / African / Caribbean background
16. Other ethnic group**
-8. No Answer
-9. Not Applicable

*includes respondents in England and Wales identifying themselves as 'White - Gypsy or Irish Traveller'

**includes respondents in England and Wales identifying themselves as 'Arab'
ETHGB13 – Ethnicity (13 categories) GB level (1 of 1)

Valid from April 2011

**KEY:**
1. White British
2. White Irish
3. Other White
4. Gypsy or Irish Traveller
5. Mixed/Multiple ethnic groups
6. Indian
7. Pakistani
8. Bangladeshi
9. Chinese
10. Any other Asian background
11. Black/African/Caribbean/Black British
12. Arab
13. Other ethnic group
-8. No Answer
-9. Not Applicable

**Uses:**
- **COUNTRY**
- **ETHWHE**
- **ETHWHW**
- **ETHWSC**
- **ETH11EW**
- **ETH11S**

**ETHAS11 = 1** OR **ETHAS11S = 2**

**ETHAS11 = 2** OR **ETHAS11S = 1**

**ETHAS11 = 3** OR **ETHAS11S = 3**

**ETHAS11 = 4** OR **ETHAS11S = 5**

**ETH11EW = 6** OR **ETH11S = 6**

**ETH11EW = 7** OR **ETH11S = 7**
**ETHGBEUL – Ethnicity (11 categories) GB level (1 of 1)**

Valid from April 2011

### Key:
1. White British
2. White Irish
3. Other White*
4. Mixed/Multiple ethnic groups
5. Indian
6. Pakistani
7. Bangladeshi
8. Chinese
9. Any other Asian background
10. Black/African/Caribbean/Black British
11. Other ethnic group**
-8. No Answer
-9. Not Applicable

*includes respondents in all GB countries identifying themselves as 'White - Gypsy or Irish Traveller' and respondents in Scotland identifying themselves as 'White - Polish'
**includes respondents in all GB countries identifying themselves as 'Arab'

### Uses:
- COUNTRY
- ETHWHE
- ETHWHH
- ETHWSC
- ETH11EW
- ETH11S
- ETHAS11
- ETHAS11S

---

**Diagram**

[Flowchart showing decision tree for assigning ethnic categories based on various conditions and variables.]
ETHUK11 – Ethnicity (11 categories) UK level (1 of 1)

Valid from April 2011

ETHWHE OR ETHWHW = 3 OR ETHWSC = 4

NO

ETH11NI = 2

NO

ETH11EW OR ETH11S OR ETH11NI = 1

YES

ETHUK11 = 2

YES

ETHUK11 = 2

YES

ETHUK11 = 1

NO

ETHUK11 = 3

YES

ETHUK11 = 4

NO

ETHUK11 = -8

NO

ETH11EW OR ETH11S = 2 OR ETH11NI = 3

NO

ETHAS11 = 1 OR ETHAS11S = 2

YES

ETH11EW = 5

YES

ETHUK11 = 6

NO

ETH11EW = 7

NO

ETHUK11 = 7

NO

ETHUK11 = 8

NO

ETHUK11 = 9

NO

ETHUK11 = 10

NO

ETHUK11 = 11

NO

ETH11EW = 6 OR ETH11NI = 7 OR ETH11S = 6

YES

ETHAS11 = 3 OR ETHAS11S = 3

YES

ETHAS11 = 4 OR ETHAS11S = 4

YES

ETHAS11 = 5 OR ETHAS11S = 5

YES

ETHAS11 = 6 OR ETHAS11S = 6

YES

ETH11EW = 4 OR ETH11NI = 5 OR ETH11S = 5

YES

ETH11EW = 4 OR ETH11S = 4 OR 5

YES

ETH11EW = 7 OR ETH11NI = 8 OR ETH11S = 7

YES

ETH11EW = 7 OR ETH11S = 4 OR 5

YES

ETH11EW = 6

YES

ETHUK11 = 5

YES

ETHUK11 = 6

YES

ETHUK11 = 7

YES

ETHUK11 = 8

YES

ETHUK11 = 9

YES

ETHUK11 = 10

YES

ETHUK11 = 11

YES

KEY:
1 White
2 Gypsy, Traveller or Irish Traveller
3 Mixed/Multiple ethnic groups
4 Indian
5 Pakistani
6 Bangladeshi
7 Chinese
8 Any other Asian background
9 Black/African/Caribbean/Black British
10 Arab
11 Other ethnic group
-8 No Answer

Uses:
ETHWHE
ETHWHW
ETHWSC
ETH11EW
ETH11S
ETH11NI
ETHAS11
ETHAS11S
ETHUKEUL – Ethnicity (9 categories) UK level (1 of 1)

Valid from April 2011

KEY:
1 White*
2 Mixed/Multiple ethnic groups
3 Indian
4 Pakistani
5 Bangladeshi
6 Chinese
7 Other ethnic group**
-8 No Answer

*includes respondents in England, Wales and Scotland identifying themselves as 'White - Gypsy or Irish Traveller' and respondents in Scotland identifying themselves as 'White - Polish'
**includes respondents in Northern Ireland identifying themselves as 'Irish Traveller' and respondents in all UK countries identifying themselves as 'Arab'
FLED10 - Type of agreed working arrangements

Uses:
FLEX10(1-3)
FLEXW1 - Whether respondent works flexi-time

Uses:
FLEX10
FLEXW2 - Whether respondent works to annualised hours contract

Uses:
FLEX10
FLEXW3 - Whether respondent works to a term time working arrangement

Uses:
FLEX10
FLEXW4 - Whether respondent's work involves job sharing

START

ALL FLEX10 (1-3) = -9

NO

YES

FLEXW4 = -9 (DNA)

FLEXW4 = 1

JOB SHARING

ANY FLEX10 (1-3) = 4

NO

YES

FLEXW4 = 2

DOES NOT JOB SHARE

Uses:

FLEX10
FLEXW5 - Whether respondent works a nine day fortnight

Uses:
FLEX10
FLEXW6 - Whether respondent works a four and a half day week

START

ALL FLEX10 (1-3) = -9

YES

FLEXW6 = -9 (DNA)

NO

FLEXW6 = 1

WORKS A FOUR AND A HALF DAY WEEK

ANY FLEX10 (1-3) = 6

YES

FLEXW6 = 1

WORKS A FOUR AND A HALF DAY WEEK

NO

FLEXW6 = 2

DOES NOT WORK A FOUR AND A HALF DAY WEEK

Uses:

FLEX10
FLEXW7 - Whether respondent works zero hours contract

START

ALL FLEX10 (1-3) = -9

NO

FLEXW7 = -9(DNA)

YES

FLEXW7 = 1 WORKS A ZERO HOURS CONTRACT

ANY FLEX10 (1-3) = 7

NO

FLEXW7 = 2 DOES NOT WORK A ZERO HOURS CONTRACT

NO

YES

Uses:

FLEX10
FLEXW8 - Whether respondent works none of the working patterns described

Uses:
FLEX10
FLEXW9 - Whether respondent does not know which agreed working arrangements are worked

START

ALL FLEX10 (1-3) = -9

NO

YES

FLEXW9 = -9(DNA)

NO

ANY FLEX10 (1-3) = 10, -5

NO

YES

FLEXW9 = 2

REPLIED OTHER THAN 'DON'T KNOW'

FLEXW9 = 1

DOESN'T KNOW WHICH AGREED WORKING ARRANGEMENTS ARE WORKED

Uses:

FLEX10
FLEXW10 - Whether respondent works on-call

Uses:
FLEX10
FTPT - Whether working full or part time (1 of 2)

Uses:

AGE
WRKING
JBAWAY
TYPSC12
YTETJ8
OWNBUS
RELBUS
FTPTWK

START → AGE <= 15 → NO → WRKING = 1 → NO → TYPSC12 = 1, 2, 3, 5, 8 or 9 → NO → JBAWAY = 1 → NO → OWNBUS = 1 → NO → RELBUS = 1 → NO → 1

YES → FTPTWK = 1 → NO → FTPTWK = 2 → NO

YES → 1 → FULL-TIME

YES → 2 → PART-TIME

-9 DNA

-8 NA
FTPT - Whether working full or part time (2 of 2)

1. TYPSC12 = 6 OR 7
   - NO
     - TYPSC12 = 4, 10, 11 OR 97
       - NO
         - DNA
       - YES
         - YTETJB = 1
           - NO
             - DNA
           - YES
             - FTPTWK = 1
               - NO
                 - DNA
               - YES
                 - FTPTWK = 2
                   - NO
                     - NA
                   - YES
                     - FULL-TIME WORK ADDITIONAL TO GOVERNMENT SCHEME

2. PART-TIME

3. PART-TIME WORK ADDITIONAL TO GOVERNMENT SCHEME
GCSEFUL2 – GCSE42 including inferred responses

Uses:
- GCSE42
- QUAL_21
- QUAL_22
- QUAL_20
- QUAL_34
- TYPHST(1-5)
- QGCSE41

Derive first:
- QUAL_21
- QUAL_22
- QUAL_20
- QUAL_34
- GCSEFUL1

KEY:
1. GCSE's grade C or above
2. CSE’s grade 1
3. Standard grade 3 or above/O grade C or above
4. Scottish NQ’s Intermediate 1 grade A or above
5. Scottish NQ’s Intermediate 2 grade D or above
6. Scottish Nationals Level 5
7. None of these
-9. Not applicable
GCSEFUL3 – GCSE43 including inferred responses

Uses:
- GCSE43
- QUAL_21
- QUAL_22
- QUAL_20
- QUAL_34
- TYPHST(1-5)
- QGCSE41

Derive first:
- QUAL_21
- QUAL_22
- QUAL_20
- QUAL_34
- GCSEFUL1
- GCSEFUL2

KEY:
1. GCSE’s grade C or above
2. CSE’s grade 1
3. Standard grade 3 or above/O grade C or above
4. Scottish NQ’s Intermediate 1 grade A or above
5. Scottish NQ’s Intermediate 2 grade D or above
6. Scottish Nationals Level 5
7. None of these
8. Not applicable
GCSEFUL5 – GCSE45 including inferred responses

START

GCSE45 = 1 - 7, -8

NO

QUAL_21 = 1 AND QGCSE41=7

NO

QUAL_22 = 1 AND QGCSE41=7

NO

QUAL_20 = 1 AND QGCSE41=7

NO

QUAL_34=1 AND QGCSE41=7

NO

TYPHST (1 - 5) = 3 AND QGCSE41=7

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 1

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 2

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 3

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 4

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 5

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 6

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 5

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 4

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 3

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 2

YES

GCSEFUL1 OR 2 OR 3 OR 4 = 1

YES

GCSEFUL5 = 1

GCSEFUL5 = 2

GCSEFUL5 = 3

GCSEFUL5 = 6

GCSEFUL5 = 4

GCSEFUL5 = 5

GCSEFUL5 = -9

Uses:
GCSE45
QUAL_21
QUAL_22
QUAL_20
QUAL_34
TYPHST (1-5)
QGCSE41

Derive first:
QUAL_21
QUAL_22
QUAL_20
QUAL_34
GCSEFUL1
GCSEFUL2
GCSEFUL3
GCSEFUL4

KEY:
1  GCSE’s grade C or above
2  CSE’s grade 1
3  Standard grade 3 or above/O grade C or above
4  Scottish NQ’s Intermediate 1 grade A or above
5  Scottish NQ’s Intermediate 2 grade D or above
6  Scottish Nationals Level 5
7  None of these
-9 Not applicable

Updated January 2015
GOR3 - Region of residence 3 months ago, based on GORs (1 of 4)

Uses:
RESTME
RESPMTH
RESPBBY
M3CRY
UALD3

Derive First:
UALD3
GOR3 - Region of residence 3 months ago, based on GORs (2 of 4)

UALD3 = FK, FN, FP, FY
17UB, 17UC, 17UD, 17UF,
17UG, 17UH, 17UJ, 17UK, 31UB,
31UC, 31UD, 31UE, 31UG, 31UH, 31UJ,
32UB, 32UC, 32UD, 32UE, 32UF, 32UG, 32UH,
34UB, 34UC, 34UD, 34UE, 34UF, 34UG, 34UH,
37UB, 37UC, 37UD, 37UE, 37UF, 37UG,
37UJ

GOR3 = 09
EAST MIDLANDS

UALD3 = JA, KA, KF, KG,
O9UC, 09UD, 09UE, 12UB, 12UC,
12UD, 12UE, 12UG, 22UB, 22UC, 22UD,
22UE, 22UG, 22UH, 22UJ, 22UK, 22UL,
22UN, 22UQ, 26UB, 26UC, 26UD, 26UE, 26UF, 26UG,
26UH, 26UJ, 26UK, 26UL, 33UC, 33UD,
33UE, 33UF, 33UG, 33UH, 42UB, 42UC,
42UD, 42UE, 42UF, 42UG, 42UH

GOR3 = 12
EAST OF ENGLAND

UALD3 = AB, AC,
AD, AE, AF, AH, AJ, AK,
AL, AQ, AR, AS, AT, AX,
BA, BC, BD, BF, BH

GOR3 = 13
INNER LONDON

UALD3 = AB, AC,
AD, AE, AF, AH, AJ, AK,
AL, AQ, AR, AS, AT, AX,
BA, BC, BD, BF, BH

GOR3 = 14
OUTER LONDON

UALD3 = AB, AC,
AD, AE, AF, AH, AJ, AK,
AL, AQ, AR, AS, AT, AX,
BA, BC, BD, BF, BH

GOR3 = 15
SOUTH EAST
GOR3 - Region of residence 3 months ago, based on GORs (3 of 4)

UALD3 = HA, HB, HC, HD, HG, HH, HN, HP, HX, 15UB, 15UC, 15UD, 15UE, 15UF, 15UG, 15UH, 18UB, 18UC, 18UD, 18UE, 18UG, 18UH, 18UK, 18UL, 19UC, 19UD, 19UE, 19UG, 19UH, 19UJ, 23UB, 23UC, 23UD, 23UE, 23UF, 23UG, 40UB, 40UC, 40UD, 40UE, 40UF, 46UB, 46UC, 46UD, 46UF

UALD3 = CN, CQ, CR, CS, CT, CU, CW

UALD3 = GA, GF, GL, 39UB, 39UC, 39UD, 39UE, 39UF, 39UG, 39UH, 41UB, 41UC, 41UD, 41UE, 41UF, 41UG, 41UH, 41UK, 44UB, 44UC, 44UD, 44UE, 44UF, 47UB, 47UC, 47UD, 47UE, 47UF, 47UG

UALD3 = ET, EU, EX, EY, 13UB, 13UC, 13UD, 13UE, 13UG, 13UH, 16UB, 16UC, 16UD, 16UE, 16UF, 16UG, 30UD, 30UE, 30UF, 30UG, 30UH, 30UJ, 30UK, 30UL, 30UM, 30UN, 30UP, 30UQ

GOR3 = 03 GREATER MANCHESTER

GOR3 = 04 MERSEYSIDE

GOR3 = 05 REST OF NORTH WEST

GOR3 = 10 WEST MIDLANDS METROPOLITAN

GOR3 = 11 REST OF WEST MIDLANDS

GOR3 = 16 SOUTH WEST
GOR3 - Region of residence 3 months ago, based on GORs (4 of 4)

- **UALD3 = NA, NC, NE, NG, NJ, NL, NN, NO, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT**
  - **YES**
  - **GOR3 = 17 WALES**

- **UALD3 = OD, QG, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF**
  - **YES**
  - **GOR3 = 18 STRATHCLYDE**

- **UALD3 = QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QR, QT, QW, QX, RA, RB, RD, RG, RH, RJ**
  - **YES**
  - **GOR3 = 19 REST OF SCOTLAND**

- **UALD3 = 010-260, 460**
  - **NO**
  - **GO3 = 8 ANY UNDEFINED VALUE OF GOR3 IS AN ERROR**
  - **YES**
  - **GOR3 = 20 NORTHERN IRELAND**
GORONE - Region of Residence one year ago (based on GORs) (2 of 4)

UALDO = FK, FN, FP, FY 17UB, 17UC, 17UD, 17UF, 17UG, 17UH, 17UJ, 17UK, 31UB, 31UC, 31UD, 31UE, 31UG, 31UH, 31UJ, 32UB, 32UC, 32UD, 32UE, 32UF, 32UG, 32UH, 34UB, 34UC, 34UD, 34UE, 34UF, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UJ

GORONE = 09
EAST MIDLANDS

UALDO = JA, KA, KF, KG, O9UC, O9UD, O9UE, O9UF, O9UG, O9UH, O9UJ, O9UK, O9UL, O9UN, O9UP

GORONE = 12
EAST OF ENGLAND


GORONE = 13
INNER LONDON


GORONE = 14
OUTER LONDON

UALDO = JA, KA, KF, KG, O9UC, O9UD, O9UE, O9UF, O9UG, O9UH, O9UJ, O9UK, O9UL, O9UN, O9UP

GORONE = 15
REST OF SOUTH EAST

UALDO = AA, AG, AM, AN, AP, AU, AW, AY, AZ, BB, BE, BG, BJ, BK

GORONE = 12
EAST OF ENGLAND
GORWK2R - Region of place of work of second job (2 of 5)

1. **UALDWK2** = EB,EC,EE,EF,EH,20UB,20UD,20UE,20UF,20UG,20UH,20UJ,35UB,35UC,35UD,35UE,35UF,35UG
   - NO
   - **UALDWK2** = CC,CE,CF,CG
     - NO
     - **UALDWK2** = CX,CY,CZ,DA,DB
       - NO
       - **UALDWK2** = FA,FB,FC,FD,FF,36UB,36UC,36UD,36UE,36UF,36UG,36UH
         - NO
         - **UALDWK2** = JA,KA,KF,KG,09UC,09UD,09UE,12UB,12UC,12UD,12UE,12UG,22UB,22UC,22UD,22UE,22UF,22UG,22UH,22UJ,22UK,22UL,22UN,22UQ,26UB,26UC,26UD,26UE,26UF,26UG,26UH,26UJ,26UK,26UL,33UB,33UC,33UD,33UE,33UF,33UG,33UH,42UB,42UC,42UD,42UE,42UF,42UG,42UH
           - NO
           - **UALDWK2** = FK,FN,FP,FY,17UB,17UC,17UD,17UE,17UG,17UH,17UJ,17UK,31UB,31UC,31UD,31UE,31UG,31UH,31UJ,32UB,32UC,32UD,32UE,32UF,32UG,32UH,34UB,34UC,34UD,34UE,34UG,34UH,37UB,37UC,37UD,37UE,37UF,37UG,37UJ
             - YES
             - **GORWK2R** = REST OF NORTH EAST

2. **GORWK2R** = SOUTH YORKSHIRE
3. **GORWK2R** = WEST YORKSHIRE
4. **GORWK2R** = REST OF YORKSHIRE & HUMBERSIDE
5. **GORWK2R** = EAST MIDLANDS
6. **GORWK2R** = EAST OF ENGLAND
### LIST A

<table>
<thead>
<tr>
<th>UALAD99</th>
<th>LADWAD</th>
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<tbody>
<tr>
<td>AG (CAMDEN)</td>
<td>AGFT, AGFC, AGFR, AGFD, AGFZ</td>
</tr>
<tr>
<td>AU (ISLINGTON)</td>
<td>AUF, AUFB</td>
</tr>
<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>AWFL</td>
</tr>
<tr>
<td>BE (LAMBETH)</td>
<td>BEFJ, BEFK, BEFU</td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>BKFA, BKFC, BKFD, BKFE, BKFF, BKFL, BKFK, BKFR, BKFU, BKFW, BKFX, BKFZ</td>
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<td>AA (CITY OF LONDON)</td>
<td>ALLWAD96s</td>
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### LIST B

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<td>AU (ISLINGTON)</td>
<td>107277, 111036, 123038, 115512, 118408, 104426</td>
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<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
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<tr>
<td>AY (LAMBETH)</td>
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<td>BE (SOUTHWARK)</td>
<td>101556, 102181, 112268, 114253, 118213</td>
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<td>BG (TOWER HAMLETS)</td>
<td>111400, 111690, 111891, 112938, 113098, 113153, 115207, 115229, 115257, 115588, 115648, 116379, 117972, 118385, 119029, 120883, 121687, 121763, 121996, 123046</td>
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<td><strong>UALAD99</strong></td>
<td><strong>LADWAD</strong></td>
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<td>AG (CAMDEN)</td>
<td>AGFT, AGFC, AGFR, AGFD, AGFZ</td>
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<td>AU (ISLINGTON)</td>
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<td>AWFL</td>
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<tr>
<td>BE (LAMBETH)</td>
<td>BEF J, BEF K, BEF U</td>
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<td>BK (WESTMINSTER)</td>
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<td>117876</td>
</tr>
<tr>
<td>AY (LAMBETH)</td>
<td>111380</td>
</tr>
<tr>
<td>BE (SOUTHWARK)</td>
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<td>BG (TOWER HAMLETS)</td>
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</tr>
</tbody>
</table>
UALAD99
= NA, NC, NE, NG,
NJ, NL, NN, NO, NU, NS,
NX, NZ, PB, PD, PF,
PH, PK, PL, PM,
PP, PR,
PT

UALAD99
= QA, QB, QC,
QD, QE, QF,
QG, QH,
QJ, QK, QL, QM,
QN, QP,
QQ, QR, QS, QT,
QU, OW, QX,
QY, QZ, RA, RB,
RC, RD, RE, RF,
RG, RH,
RJ

UALAD99
= 010-260

NO

NO

NO

YES

YES

YES

11
WALES

12
SCOTLAND

13
NORTHERN IRELAND

ANY UNDEFINED VALUE OF GOR IS AN ERROR
GOVTOR - Government Office Regions (1 of 3)

START

UALAD99 = CH, CJ, CK, CL, CM

UALAD99 = EB, EC, EE, EF, EH, 20UB, 20UD, 20UE, 20UF, 20UG, 20UH, 20UJ, 35UB, 35UC, 35UD, 35UE, 35UF, 35UG

UALAD99 = BL, BM, BN, BP, BQ, BR, BS, BT, BU, BW

UALAD99 = BX, BY, BZ, CA, CB

UALAD99 = ET, EU, EX, EY, 13UB, 13UC, 13UD, 13UE, 13UG, 13UH, 16UB, 16UC, 16UD, 16UE, 16UF, 16UG, 30UD, 30UE, 30UF, 30UG, 30UH, 30UJ, 30UK, 30UL, 30UM, 30UN, 30UP, 30UQ

UALAD99 = CC, CE, CF, CG

UALAD99 = CX, CY, CZ, DA, DB

UALAD99 = FA, FB, FC, FD, FF, 36UB, 36UC, 36UD, 36UE, 36UF, 36UG, 36UH

Uses:
UALAD99

1
TYNE & WEAR

2
REST OF NORTH EAST

3
GREATER MANCHESTER

4
MERSEYSIDE

5
REST OF NORTH WEST

6
SOUTH YORKSHIRE

7
WEST YORKSHIRE

8
REST OF YORKSHIRE & HUMBERSIDE
NOTE: Round GRSSWK to nearest whole number unless it contains .5 in which case round to nearest even number (e.g. 1.49 would be rounded down to 1; 1.50 would be rounded up to 2, 2.50 would be rounded down to 2).

If GRSSWK < 1 then GRSSWK = 1.
GRSSWK - Gross Weekly Pay in Main Job (Applies to all employees & those on schemes) (2 of 4)

2
GRSPRD = 8
NO
GRSPRD = 9
NO
GRSPRD = 10
NO
GRSPRD = 13
NO
GRSPRD = 26
NO
GRSPRD = 52
NO
GRSPRD = 90
NO
3

YES

GRSSWK = (GROSS99*8/52)

YES

GRSSWK = (GROSS99*9/52)

YES

GRSSWK = (GROSS99*10/52)

YES

GRSSWK = (GROSS99*4/52)

YES

GRSSWK = (GROSS99*2/52)

YES

GRSSWK = (GROSS99/52)

3
GRSPRD = 95
NO
GRSPRD = 97
NO
GRSPRD = -8
NO
GRSPRD = -9
NO
4

YES

GRSSWK = -8
NA

YES

GRSSWK = -8
NA

YES

GRSSWK = -8
NA

YES

GRSSWK = -9
DNA
GRSSWK - Gross Weekly Pay in Main Job (Applies to all employees & those on schemes) (3 of 4)

If GRSEXP is 0-99995, then:
- YES: WE LOOK UP TABLE FOR VARIABLE BANDG
  - YES: GRSSWK = AMNTWK

If GRSEXP is 99998, then:
- YES: GRSSWK = -8

If GRSEXP is 99999, then:
- DNA

If GRSSWK is 8, then:
- NO: GRSSWK = AMNTWK

If GRSSWK is 9, then:
- NO: DNA

If GRSSWK is 1, then:
- NO: GRSSWK = GRSEXP

If GRSSWK is 2, then:
- NO: GRSSWK = (GRSEXP/2)

If GRSSWK is 3, then:
- NO: GRSSWK = (GRSEXP/3)

If GRSSWK is 4, then:
- NO: GRSSWK = (GRSEXP/4)

If GRSSWK is 5, then:
- NO: GRSSWK = (GRSEXP*12/52)

If GRSSWK is 6, then:
- NO: GRSSWK = (GRSEXP*6/52)

If GRSSWK is 7, then:
- NO: GRSSWK = (GRSEXP*8/52)

If GRSSWK is 8, then:
- NO: GRSSWK = (GRSEXP*9/52)
GRSSWK2 - Gross Weekly Pay in Second job (Applies to all employees & those on schemes) (1 of 4)

NOTE: Round GRSSWK2 to nearest whole number unless it contains .5 in which case round to nearest even number (e.g. 1.49 would be rounded down to 1; 1.50 would be rounded up to 2, 2.50 would be rounded down to 2)

If GRSSWK2<1 then GRSSWK2=1

Uses:
STAT2
INCNOW
SECGRO
SECGA
SECEX
SECGB
BANDG2
GRSSWK2 - Gross Weekly Pay in Second job (Applies to all employees & those on schemes) (2 of 4)
HIQUAL15 - Highest qualification/Trade apprenticeship (8 of 10)

A

((QCFACD=3 AND QCFLEV=8) OR (BTACD=3 AND BTLEV=8) OR (SCACD=3 AND SCLEV=8) OR (RSACD=3 AND RSLEV=8) OR (CAGACD=3 AND CAGLEV=8) OR (GNACD=3 AND GNLEV=8) OR (NVACD=3 AND NVLEV=8))

B

((QCFACD=2 AND QCFLEV=8) OR (BTACD=2 AND BTLEV=8) OR (SCACD=2 AND SCLEV=8) OR (RSACD=2 AND RSLEV=8) OR (CAGACD=2 AND CAGLEV=8) OR (GNACD=2 AND GNLEV=8) OR (NVACD=2 AND NVLEV=8))

C

((QCFACD=3 AND QCFLEV=7) OR (BTACD=3 AND BTLEV=7) OR (SCACD=3 AND SCLEV=7) OR (RSACD=3 AND RSLEV=7) OR (CAGACD=3 AND CAGLEV=7) OR (GNACD=3 AND GNLEV=7) OR (NVACD=3 AND NVLEV=7))

D

((QCFACD=2 AND QCFLEV=7) OR (BTACD=2 AND BTLEV=7) OR (SCACD=2 AND SCLEV=7) OR (RSACD=2 AND RSLEV=7) OR (CAGACD=2 AND CAGLEV=7) OR (GNACD=2 AND GNLEV=7) OR (NVACD=2 AND NVLEV=7))

E

((QCFACD=1 AND QCFLEV=8) OR (BTACD=1 AND BTLEV=8) OR (SCACD=1 AND SCLEV=8) OR (RSACD=1 AND RSLEV=8) OR (CAGACD=1 AND CAGLEV=8) OR (GNACD=1 AND GNLEV=8) OR (NVACD=1 AND NVLEV=8))

F

((QCFACD=3 AND QCFLEV=6) OR (BTACD=3 AND BTLEV=6) OR (SCACD=3 AND SCLEV=6) OR (RSACD=3 AND RSLEV=6) OR (CAGACD=3 AND CAGLEV=6) OR (GNACD=3 AND GNLEV=6) OR (NVACD=3 AND NVLEV=6))

G

((QCFACD=2 AND QCFLEV=6) OR (BTACD=2 AND BTLEV=6) OR (SCACD=2 AND SCLEV=6) OR (RSACD=2 AND RSLEV=6) OR (CAGACD=2 AND CAGLEV=6) OR (GNACD=2 AND GNLEV=6) OR (NVACD=2 AND NVLEV=6))

H

((QCFACD=1 AND QCFLEV=7) OR (BTACD=1 AND BTLEV=7) OR (SCACD=1 AND SCLEV=7) OR (RSACD=1 AND RSLEV=7) OR (CAGACD=1 AND CAGLEV=7) OR (GNACD=1 AND GNLEV=7) OR (NVACD=1 AND NVLEV=7))

I

((QCFACD=3 AND QCFLEV=5) OR (BTACD=3 AND BTLEV=5) OR (SCACD=3 AND SCLEV=5) OR (RSACD=3 AND RSLEV=5) OR (CAGACD=3 AND CAGLEV=5) OR (GNACD=3 AND GNLEV=5) OR (NVACD=3 AND NVLEV=5))
HIQUAL15D - Highest qualification (detailed grouping)

Uses:
HIQUAL15
Derive First:
HIQUAL15
HITQUA15 – Highest qualification that training leads to (1 of 9)

1. HIGHER DEGREE
   -3 DNA

2. NVQ LEVEL 5

3. LEVEL 8 DIPLOMA
   -9 DNA

4. LEVEL 8 CERTIFICATE

5. LEVEL 7 DIPLOMA

6. LEVEL 7 CERTIFICATE

Uses:
- AGE
- QULNOW
- DEGNOW
- NVQLE11
- QCFNOW
- TCNWACD
- SCNWACD
- OCRNACD
- CGNWACD
- NVNWACD
- QCFLVNW
- TCNWLEV
- SCNWLEV
- OCRNLEV
- CGNWLEV
- NVNWLEV
- QULHI11
- TCNW11
- SCNOW11
- OCRN11
- DIPTYP
- WBAC
- HSTNOW
- CGNW11
- HSTNOWS
- APPRCURR
- HSTNOWN
HITQUA15 – Highest qualification that training leads to (2 of 9)
HITQUA15 – Highest qualification that training leads to (4 of 9)

QULHI11 = 9

22 OTHER HIGHER EDUCATION BELOW DEGREE

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 3

23 LEVEL 4 DIPLOMA

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 2

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 1

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 5

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 4

24 LEVEL 4 CERTIFICATE

25 LEVEL 5 AWARD

NVQLE11 = 3

DIPTYP = 1 or 2

26 NVQ LEVEL 3

27 Progression or Advanced Diploma (14-19)

28 LEVEL 3 DIPLOMA

WBAC = 3

29 ADVANCED WELSH BAC
HITQUA15 – Highest qualification that training leads to (8 of 9)

14
TCNW11=4 NO SCNOW11=4 NO SCNOW11=5 NO HSTNOW=1 NO OCRN11=4 NO HSTNOW=3 NO QULHI11=34 NO CGNW11=3 NO

58 BTEC/SCOTVEC FIRST OR GENERAL CERTIFICATE ETC

59 SCOTVEC MODULES OR EQUIVALENT

60 OCR BASIC

61 SCOTTISH NATIONAL LEVEL 3

62 SCOTTISH NATIONAL BELOW LEVEL 3

63 CITY & GUILDS FOUNDATION/ PART1

15

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 2 NO

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 1 NO

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 2 NO

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 1 NO

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CGNWACD OR NVNWACD = 3 NO

68 ENTRY LEVEL QUALIFICATION

69 ENTRY LEVEL DIPLOMA

16

QULHI11 = 27 NO

QULHI11 = 28 NO

QULHI11 = 29 NO

QCFLNVW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 1 NO

QCFLNVW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 2 NO

QCFLNVW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 9 NO

QCFLNVW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 3 NO

64 LEVEL 1 CERTIFICATE

65 LEVEL 2 AWARD

66 KEY SKILLS QUALIFICATION

67 BASIC SKILLS QUALIFICATION

68 ENTRY LEVEL QUALIFICATION

69 ENTRY LEVEL DIPLOMA
Uses:
GRSSWK
POTHR
BUSHR

Derive First:
GRSSWK
BUSHR

HOURPAY - Average hourly pay

START

GRSSWK = -8, -9

POTHR = 0-97

HOURPAY = GRSSWK / (POTHR + BUSHR)

BUSHR = 1-97

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = GRSSWK / BUSHR

HOURPAY = -9
Uses:

DVHRPNUM
PERSNO

Derive First:

DVHRPNUM

HRP - Household Reference Person

START

YES

NO

DVHRPNUM = -9

YYYY

HRP = -9
(DNA)

NO

DVHRPNUM = PERSNO

YYYY

HRP = 1
RESPONDENT IS HRP

NO

HRP = 2
RESPONDENT IS NOT HRP
ILLFRI - Whether respondent was absent from work (due to illness/injury) on a Friday

Uses:

ILLDAYS(1-7)
ILLMON - Whether respondent was absent from work (due to illness/injury) on a Monday

START

All ILLDAYS(1-7) = -9

NO

YES

ILLMON = -9 (DNA)

Any ILLDAYS(1-7) = 1

NO

YES

ILLMON = 1

ABSENT FROM WORK ON MONDAY

ILLMON = 2

NOT ABSENT FROM WORK ON MONDAY

Uses:

ILLDAYS(1-7)
ILLOFF - Number of days absent from work (due to illness or injury) in reference week

START

- All ILLDAYS(1-7) = -9
  - NO
    - ILLDAYS1 = (1-7) & ILLDAYS2 = -9
      - NO
        - ILLDAYS2 = (1-7) & ILLDAYS3 = -9
          - NO
            - ILLDAYS3 = (1-7) & ILLDAYS4 = -9
              - NO
                - ILLDAYS4 = (1-7) & ILLDAYS5 = -9
                  - NO
                    - ILLDAYS5 = (1-7) & ILLDAYS6 = -9
                      - NO
                        - ILLDAYS6 = (1-7) & ILLDAYS7 = -9
                          - NO
                            - ILLOFF = 7
                          - YES
                        - YES
                      - YES
                    - YES
                  - YES
                - YES
              - YES
            - YES
          - YES
        - YES
      - YES
    - YES
  - YES

ILLOFF = -9 (DNA)

ILLOFF = 1

ABSENT FOR EXACTLY 1 DAY

ILLOFF = 2

ABSENT FOR EXACTLY 2 DAYS

ILLOFF = 3

ABSENT FOR EXACTLY 3 DAYS

ILLOFF = 4

ABSENT FOR EXACTLY 4 DAYS

ILLOFF = 5

ABSENT FOR EXACTLY 5 DAYS

ILLOFF = 6

ABSENT FOR EXACTLY 6 DAYS

ILLOFF = 7

ABSENT FOR EXACTLY 7 DAYS

Uses:

ILLDAYS(1-7)
ILLSAT - Whether respondent was absent from work (due to illness/injury) on a Saturday

START

All ILLDAYS(1-7) = -9

YES

ILLSAT = -9 (DNA)

NO

Any ILLDAYS(1-7) = 6

YES

ILLSAT = 1
 ABSENT FROM WORK ON SATURDAY

NO

ILLSAT ≠ 2
 NOT ABSENT FROM WORK ON SATURDAY

Uses:

ILLDAYS(1-7)
ILLSUN - Whether respondent was absent from work (due to illness/injury) on a Sunday

START

All ILLDAYS(1-7) = -9

ILITY = -9 (DNA)

NO

Any ILLDAYS(1-7) = 7

OLUTION = 1

ABSENT FROM WORK ON SUNDAY

NO

NO

ILLSUN = 2

NOT ABSENT FROM WORK ON SUNDAY

YES

YES

Uses:

ILLSUN(1-7)
ILLTHU - Whether respondent was absent from work (due to illness/injury) on a Thursday

Uses:

ILLDAYS(1-7)
ILLTUE - Whether respondent was absent from work (due to illness/injury) on a Tuesday

START

ILLDAYS(1-7) = -9

ALL

NO

YES

ILLTUE = -9
(DNA)

NO

Any

ILLDAYS(1-7) = 2

YES

ILLTUE = 1
ABSENT FROM WORK ON TUESDAY

NO

ILLTUE = 2
NOT ABSENT FROM WORK ON TUESDAY

Uses:

ILLDAYS(1-7)
ILLWED - Whether respondent was absent from work (due to illness/injury) on a Wednesday

**Uses:**
ILLDAYS(1-7)
ILODEFR - Economic activity (reported)

Commentary:
ILODEFR uses employment status as reported (see STATR).
ILODEFR is analogous to ILODEFA with employment edit (at employment status) omitted.
IN0792DL – SIC2007 to SIC92 Conversion DV: Industry Division in Last Job (2 digits)

START

INDSC07L = 01110 to 99000

NO

INDSC07L = -8

NO

IN0792DL = -9
(NA)

YES

IN0792DL=Use SIC0792DIVISION conversion list with INDSC07L

YES

IN0792DL = -8
(NA)

Uses:
INDSC07L
SIC0792DIVISION CONVERSION LIST
IN0792DM – SIC2007 to SIC92 Conversion DV: Industry Division in Main Job (2 digits)

START

INDSC07M = 01110 to 99000

NO

INDSC07M = -8

NO

NO

IN0792DM = -9 (DNA)

YES

YES

IN0792DM = Use SIC0792DIVISION conversion list with INDSC07M

IN0792DM = -8 (NA)

Uses:

INDSC07M
SIC0792DIVISION CONVERSION LIST
IN0792DO – SIC2007 to SIC92 Conversion DV: Industry Division in Job one year ago

START

INDSC07O = 01110 to 99000

NO

INDSC07O = -8

NO

IN0792DO = -9 (DNA)

YES

IN0792DO = Use SIC0792DIVISION conversion list with INDSC07O

YES

IN0792DO = -8 (NA)

Uses:
INDSC07O
SIC0792DIVISION CONVERSION LIST
IN0792DR – SIC2007 to SIC92 Conversion DV: Industry division in job made redundant from (1 of 2)

Uses:
INDD07R
EVERWK
REDIND
INDSC07M
INDSC07L
RDICD07
SIC0792DIVISION CONVERSION LIST

Derive first:
INDD07R

Diagram:
START → INDD07R = -8
   YES → IN0792DR = -8 (NA)
   NO → INDD07R = -9
       YES → IN0792DR = -9 (DNA)
       NO → EVERWK = -9
           YES → REDIND = 1
               NO → 1
               YES → IN0792DR = use
                            SIC0792DIVISION
                            conversion list with
                            INDSC07M
           NO → IN0792DR = -8 (NA)
       NO → 1
   NO → EVERWK = 1
       YES → IN0792DR = use
                            SIC0792DIVISION
                            conversion list with
                            INDSC07L
       NO → 1
IN0792DR – SIC2007 to SIC92 Conversion DV: Industry division in job made redundant from (2 of 2)

REDIND = 2

NO

IN0792DR = -8 (NA)

YES

IN0792DR = use the SIC0792DIVISION conversion list with RDICD07
**IN0792EM – SIC2007 to SIC92 Conversion DV: Industry Sector in Main Job**

START

INDSC07M = 01110 to 99000

NO

INDSC07M = -8

NO

IN0792EM = -9

(DNA)

YES

IN0792EM = use
SIC0792SECTOR
conversion list with
INDSC07M

YES

IN0792EM = -8

(NA)

Uses:

INDSC07M
SIC0792SECTOR CONVERSION LIST
IN0792ER – SIC2007 to SIC92 Conversion DV: Industry sector in job made redundant from (1 of 2)

Uses:
INDD07R
EVERWK
REDIND
INDSC07M
INDSC07L
RDICD07
SIC0792SECTOR CONVERSION LIST

Derive first:
INDD07R
IN0792ER – SIC2007 to SIC92 Conversion DV: Industry sector in job made redundant from (2 of 2)

IN0792ER = use SIC0792SECTOR conversion list with RDICD07

REDIND = 2

NO → IN0792ER = -8 (NA)

YES

2
IN0792SL – SIC2007 to SIC92 Conversion DV: Industry Section in Last Job

START

INDSC07L = 01110 to 99000

NO

INDSC07L = -8

NO

IN0792SL = -9 (DNA)

YES

IN0792SL = use SIC0792SECTION conversion list with INDSC07L

YES

IN0792SL = -8 (NA)

Uses:

INDSC07L
SIC0792SECTION CONVERSION LIST
INDSC07M = 01110 to 99000

IN0792SM = -9 (DNA)

IN0792SM = use SIC0792SECTION conversion list with INDSC07M

IN0792SM = -8 (NA)

Uses:
INDSC07M
SIC0792SECTION CONVERSION LIST
IN0792SS – SIC2007 to SIC92 Conversion DV: Industry Section in Second Job

INDSC07S = 01110 to 99000

NO

INDSC07S = -8

NO

IN0792SS = -9 (DNA)

YES

IN0792SS = use SIC0792SECTION conversion list with INDSC07S

YES

IN0792SS = -8 (NA)

Uses:

INDSC07S
SIC0792SECTION CONVERSION LIST
START

INDSC07L = 01110-99000

NO

INDSC07L = -8

NO

INDC07L = -9 (DNA)

YES

INDC07L = use SIC07class conversion list with INDSC07L

YES

INDC07L = -8 (NA)

Uses:

INDSC07L

SIC07CLASS CONVERSION LIST
INDC07M – Industry class in main job (4-digit level)

Uses:
INDSC07M
SIC07CLASS CONVERSION LIST
INDC07S – Industry class in second job (4 digits)

INDC07S = use SIC07CLASS conversion list with INDSC07S

INDSC07S = 01110-99000

START

NO

INDSC07S = - 8

NO

INDC07S=-9

(DNA)

YES

INDC07S = use SIC07CLASS conversion list with INDSC07S

YES

INDC07S = - 8

(NA)

Uses:

INDSC07S
SIC07CLASS CONVERSION LIST
INDD07L – Industry division in last job (2 digits)

Uses:
INDD07L
SIC07DIVISION CONVERSION LIST
INDD07M – Industry division in main job (2 digits)

START

INDSC07M = 01110-99000

YES

INDDD07M = use SIC07DIVISION conversion list with INDSC07M

NO

INDDD07M = - 8

YES

INDDD07M = - 8 (NA)

NO

INDDD07M = - 9 (DNA)

Uses:

INDSC07M
SIC07DIVISION CONVERSION LIST
INDD07O – Industry division one year ago (2 digits)

START

INDSC07O = 01110-99000

NO → INDSC07O = -8

NO → INDD07O=-9

(DNA)

YES → INDD07O = use SIC07DIVISION conversion list with INDSC07O

YES → INDD07O = -8

(NA)

Uses:

INDSC07O

SIC07DIVISION CONVERSION LIST
INDD07R - Industry division in job made redundant from in the last three months (2 digits)

START

REDUND = 1

NO

INDD07R = -9 (DNA)

YES

EVERWK = -9

NO

EVERWK = 1

NO

INDD07R = -9 (DNA)

YES

EVERWK = -9

YES

INDD07R = INDD07L

YES

INDD07R = INDD07M

NO

REDIND = 1

NO

REDIND = 2

NO

INDD07R = -8 (NA)

YES

INDD07R =use SIC07DIVISION conversion list with RDICD07

Uses:
REDUND EVERWK REDIND INDD07M INDD07L SIC07DIVISION CONVERSION LIST RDICD07
Derive first:
REDUND INDD07M INDD07L
INDD07S – Industry division in second job (2 digits)

Uses:
INDSC07S
SIC07DIVISION CONVERSION LIST
INDE07M – Industry sector in main job

START

INDSC07M = 01110-99000

NO

INDSC07M = -8

NO

INDE07M=-9

(DNA)

YES

INDE07M = use SIC07SECTOR conversion list with INDSC07M

YES

INDE07M = -8

(NA)

Uses:

INDSC07M
SIC07SECTOR CONVERSION LIST
INDE07R - Industry sector in job made redundant from in the last three months

START

REDUND = 1

NO → INDE07R = -9 (DNA)

YES → EVERWK = -9

NO → EVERWK = 1

NO → INDE07R = -8 (NA)

YES → INDE07R = use SIC07SECTOR conversion list with INDSC07L

REDIND = 1

NO → REDIND = 2

NO → INDE07R = -8 (NA)

YES → INDE07R = INDE07M

Uses:
REDUND
EVERWK
REDIND
INDE07M
INDSC07L
SIC07SECTOR CONVERSION LIST
RDICD07

Derive first:
REDUND
INDE07M
INDSC07L
INDG07L – Industry group in last job (3 digits)

Uses:
INDSC07L
SIC07GROUP CONVERSION LIST
INDG07M – Industry group in main job (3-digit level)

START

INDSC07M = 01110-99000

YES

INDG07M = use SIC07GROUP conversion list with INDSC07M

NO

INDSC07M = -8

YES

INDG07M = -8 (NA)

NO

INDG07M = -9 (DNA)

Uses:
INDSC07M
SIC07GROUP CONVERSION LIST
INDG07S – Industry group in second job (3 digits)

START

INDSC07S = use SIC07GROUP conversion list with INDSC07S

INDG07S = 01110-99000

NO

INDSC07S = -8

NO

INDG07S = -9 (DNA)

YES

INDG07S = use SIC07GROUP conversion list with INDSC07S

YES

INDG07S = -8 (NA)

Uses:

INDSC07S
SIC07GROUP CONVERSION LIST
INDS07L – Industry section in last job (1 character)

START

INDSC07L = 01110-99000

NO

INDSC07L = -8

NO

INDS07L = -9

(DNA)

YES

INDS07L = use SIC07SECTION conversion list with INDSC07L

YES

INDS07L = -8

(NA)

Uses:

INDSC07L
SIC07SECTION CONVERSION LIST
INDS07M – Industry section in main job (1 character)

START

INDSC07M = 01110-99000

NO

INDS07M = -8

NO

INDS07M = -9 (DNA)

YES

INDS07M = use SIC07SECTION conversion list with INDSC07M

YES

INDS07M = -8 (NA)

Uses:

INDSC07M
SIC07SECTION CONVERSION LIST
INDS07S – Industry section in second job (1 character)

START

INDSC07S = 01110-99000

NO

INDSC07S = -8

NO

INDS07S = -9 (DNA)

YES

INDS07S = use SIC07SECTION conversion list with INDSC07S

YES

INDS07S = -8 (NA)

Uses:
INDSC07S
SIC07SECTION CONVERSION LIST
INDSC07L – Industry subclass in last job (5 digits)

START

EVERWK = 1

NO → INDSC07L = - 9 (DNA)

YES →

ICDM = - 9

NO →

ICDM = - 8

NO →

INDSC07L = ICDM

YES →

STAT = 1-4

NO →

INDSC07L = - 9 (DNA)

YES →

INDSC07L = - 8 (NA)

Indicators:

EVERWK

ICDM

STAT

Uses:

EVERWK

ICDM

STAT
**INDSC07M – Industry subclass in main job (5 digits)**

START

- **EVERWK = -9**
  - **NO** → **INDSC07M = -9 (DNA)**
  - **YES** → **ICDM = -9**
    - **NO** → **ICDM = -8**
      - **NO** → **INDSC07M = ICDM**
      - **YES** → **STAT = 1-4**
        - **NO** → **INDSC07M = -9 (DNA)**
        - **YES** → **INDSC07M = -8 (NA)**

- **ICDM = -9**
  - **YES** → **INDSC07M = -8 (NA)**

**Uses:**
EVERWK
ICDM
STAT
START → OYSIND = -9 → NO → OYSIND = 1 → NO → OYSIND = 2 → NO → OYSIND = -9 (DNA) → INDSC07O = -9 (DNA)

OYSIND = 1 → NO → OYSIND = 2 → NO → OYICD07 = -8 or -9 → NO → INDSC07O = OYICD07

ICDM = -8 or -9 → YES → ICDM = -8 or -9 → NO → INDSC07O = ICDM

OYSIND = 2 → YES → OYSIND = 2 → YES → INDSC07O = -8 (NA)

Uses:
OYSIND
ICDM
OYICD07
INDSC07S – Industry subclass in second job (5 digits)

Uses:
- ICD2
- Y2JOB
- YTETJB
INNF3MTH – Whether Non-formal and/or Informal Learning undertaken within last 3 months

Valid from January 2016

Uses:

AGE
NONFORM3
INFORM3

KEY
1 Only Informal learning in last 3 months
2 Only non-formal learning in last 3 months
3 Informal and non-formal learning in last 3 months
4 No informal or non-formal learning in last 3 months
-9 Not applicable
-8 No answer
INNF4WK – Whether Non-formal and/or Informal Learning undertaken within last 4 weeks

Valid from January 2016

Uses:
- AGE
- NONFORM4
- INFORM4

KEY
1. Only Informal learning in last 4 weeks
2. Only non-formal learning in last 4 weeks
3. Informal and non-formal learning in last 4 weeks
4. No informal or non-formal learning in last 4 weeks
-9. Not applicable
-8. No answer
LEARN3MTH – Whether any learning undertaken within the past 3 months

Valid from January 2016

**Uses:**
- AGE
- NONFORM3
- INFORM3
- QULNOW

**KEY**
- 1: Yes, some form of learning in the last 3 months
- 2: No learning in the last 3 months
- -9: Not applicable
- -8: No answer
LEARN4WK – Whether any learning undertaken within the past 4 weeks

Valid from January 2016

Uses:
- AGE
- NONFORM4
- INFORM4
- QULNOW

KEY
- 1  Yes, some form of learning in the last 4 weeks
- 2  No learning in the last 4 weeks
- 8  Not applicable
- 9  No answer
MANAGER - Managerial status in main job (reported)

START → EVERWK = -9

-9 DNA

YES → MANAGER = MANAGE

Uses:

EVERWK
MANAGE
MANAGLR Managerial status in last job (reported)

START

EVERWK = 1

NO -9 DNA

YES

MANAGLR = MANAGE

Uses:

EVERWK
MANAGE
MARDY6 - Married/Cohabiting

Uses:
MARSTA
MARCHK
LIVWTH
**MARSEX6 - Sex and marital status**

**Uses:**
- SEX
- MARSTA
- MARSEX
- MARCHK
- LIVWTH
MF1664 – Male and female population aged between 16 and 64

Uses:
AGE

1
AGED 16-64

2
NOT AGED 16-64
MF5964 - Male population aged between 16 and 64 and female population aged between 16 and 59

Uses:
AGE
SEX

START

AGE=16-64

AGE = 16-59

-9 (DNA)

SEX=1

SEX=2

YES

NO

YES

NO

YES

NO

YES

NO

1
MALE 16-64

2
FEMALE 16-59
MPNL02 - Number of employees at workplace in last job (reported)

START

EVERWK = 1

NO

MPNL02 = -9 (DNA)

NO

STAT = 1,3,4

NO

STAT = 2

NO

MPNL02 = -9 (DNA)

NO

YES

MPNL02 = MPNE02

NO

SOLO = 2

NO

MPNL02 = -9 (DNA)

YES

MPNL02 = MPNS02

Uses:

EVERWK
STAT
SOLO
MPNE02
MPNS02
MPNR02 - Number of employees at workplace in current (main) job (reported)

Start:

- **WRKING = 1**
  - No → **JBAWAY = 1**
    - No → **OWNBUS = 1**
      - No → **RELBUS = 1**
        - No → MPNR02 = -9 (DNA)
    - Yes → **STAT = 2**
      - No → MPNR02 = -9 (DNA)
    - Yes → **STAT = 1,3,4**
      - No → MPNR02 = MPNE02
      - Yes → **SOLO = 2**
        - Yes → MPNR02 = MPNS02
  - Yes → **STAT = 1,3,4**
    - No → MPNR02 = MPNS02

Uses:
- WRKING
- JBAWAY
- OWNBUS
- RELBUS
- STAT
- SOLO
- MPNE02
- MPNS02
MPNSR02 - Number of employees at workplace in second job (reported)

START → STAT2 = 1
  Yes → MPNSR02 = MPNES02
  No → STAT2 = 2
  Yes → SOLO2 = 2
  No → MPNSR02 = -9 (DNA)
  Yes → MPNSR02 = -9 (DNA)
  No → MPNSR02 = MPNSS02

Uses:
STAT2
SOLO2
MPNES02
MPNSS02
NATIDB11 – British National Identity

New in January 2011

START

NTLE11(1-6) = 5
OR NTLS11(1-6) = 5 OR
NTLW11(1-6) = 5 OR
NTLN11(1-6) = 1

NO

YES

NTIDB11 = 1

NO

NTLE11 > 0
OR NTLS11 > 0 OR
NTLW11 > 0 OR
NTLN11 > 0

YES

NTIDB11 = 0

NO

NTLE11 = -8
OR NTLS11 = -8 OR
NTLW11 = -8 OR
NTLN11 = -8

YES

NTIDB11 = -8

NO

NTIDB11 = -9

Uses:
NTLE11(1-6)
NTLS11(1-6)
NTLW11(1-6)
NTLN11(1-6)

KEY:
1  British
0  Not British
-8  No Answer
-9  Not Applicable
NATIDE11 – English National Identity

New in January 2011

Key:
- 1 English
- 0 Not English
- 8 No Answer
- 9 Not Applicable

Uses:
- NTLE11(1-6)
- NTLS11(1-6)
- NTLW11(1-6)
- NTLN11(1-6)
NATIDNI – Northern Irish National Identity

START

NTLE11(1-6) = 4 OR NTLS11(1-6) = 4 OR NTLW11(1-6) = 4 OR NTLN11(1-6) = 3

NO

NTLE111 > 0 OR NTLS111 > 0 OR NTLW111 > 0 OR NTLN111 > 0

NO

NTLE111 = -8 OR NTLS111 = -8 OR NTLW111 = -8 OR NTLN111 = -8

NO

NATIDNI = -9

YES

YES

YES

NATIDNI = 1

NATIDNI = 0

NATIDNI = -8

Uses:

NTLE11(1-6)
NTLS11(1-6)
NTLW11(1-6)
NTLN11(1-6)

KEY:

1 Northern Irish
0 Not Northern Irish
-8 No Answer
-9 Not Applicable

New in January 2011
NATIDO11 – Other National Identity

New in January 2011

Uses:
- NTLE11(1-6)
- NTLS11(1-6)
- NTLW11(1-6)
- NTLN11(1-6)

**KEY:**
- 1 Other National Identity
- 0 Not Other National Identity
- -8 No Answer
- -9 Not Applicable

**Start:**
- NTLE11(1-6) = 6 OR NTLS11(1-6) = 6 OR NTLW11(1-6) = 6 OR NTLN11(1-6) = 7

**NO:**
- NTLE11 > 0 OR NTLS11 > 0 OR NTLW11 > 0 OR NTLN11 > 0

**YES:**
- NATIDO11 = 1

**NO:**
- NTLE11 = -8 OR NTLS11 = -8 OR NTLW11 = -8 OR NTLN11 = -8

**YES:**
- NATIDO11 = 0

**NO:**
- NATIDO11 = -9

**YES:**
- NATIDO11 = -8
NATIDS11 = Scottish National Identity

KEY:
1  Scottish
0  Not Scottish
-8  No Answer
-9  Not Applicable

Uses:
NTLE1(1-6)  NTLS1(1-6)  NTLW1(1-6)  NTLN1(1-6)
NATIDW11 – Welsh National Identity

New in January 2011

START

NTLE11(1-6) = 2
OR NTLS11(1-6) = 3
OR NTLW11(1-6) = 1
OR NTLN11(1-6) = 6

NO

YES

NATIDW11 = 1

NTLE11 > 0
OR NTLS11 > 0
OR NTLW11 > 0
OR NTLN11 > 0

NO

YES

NATIDW11 = 0

NTLE11 = -8
OR NTLS11 = -8
OR NTLW11 = -8
OR NTLN11 = -8

NO

YES

NATIDW11 = -8

NATIDW11 = -9

Uses:

NTLE11(1-6)
NTLS11(1-6)
NTLW11(1-6)
NTLN11(1-6)

KEY:
1 Welsh
0 Not Welsh
-8 No Answer
-9 Not Applicable
Range of valid NATO7 values

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NETWK - Net Weekly Pay in Main Job (Applies to all employees & those on schemes) (1 of 2)

NOTE: Round NETWK to nearest whole number unless it contains .5 in which case round to nearest even number (e.g., 1.49 would be rounded down to 1; 1.50 would be rounded up to 2; 2.5 would be rounded down to 2)

If NETWK<1 then NETWK=1

Uses:
- STAT
- EVERWK
- TYPSCH12
- INCNOW
- NET99
- NETPRD
- GRSSWK
- BANDN

Derive first:
- GRSSWK

NET99 = 0-99995

NET99 = 99997

NET99 = 99999

NET99 = 99998

NET99 = (NET99/2)

NET99 = (NET99/3)

NET99 = (NET99/4)

NET99 = (NET99*12/52)

NET99 = (NET99*6/52)

If NETWK<1 then NETWK=1

NOTE: Round NETWK to nearest whole number unless it contains .5 in which case round to nearest even number (e.g., 1.49 would be rounded down to 1; 1.50 would be rounded up to 2; 2.5 would be rounded down to 2)
NETWK - (Net Weekly Pay in Main Job (Applies to all employees & those on schemes) (2 of 2))

2
   NETPRD = 8  NO  NETPRD = 9  NO  NETPRD = 10  NO  NETPRD = 13  NO  NETPRD = 26  NO  NETPRD = 52  NO  3
   YES
   YES
   YES
   YES
   YES

   NETWK = (NET99*8/52)
   NETWK = (NET99*9/52)
   NETWK = (NET99*10/52)
   NETWK = (NET99*4/52)
   NETWK = (NET99*2/52)
   NETWK = (NET99/52)

3
   NETPRD = 90  NO  NETPRD = 95  NO  NETPRD = 97  NO  NETPRD = -8  NO  NETPRD = -9  NO -9 DNA
   YES
   YES
   YES
   YES
   YES

   NETWK = (NET99*2)
   -8 NA
   -8 NA
   -8 NA
   -9 DNA
NOTE: Round NETWK2 to nearest whole number unless it contains .5 in which case round to nearest even number (e.g. 1.49 would be rounded down to 1; 1.50 would be rounded up to 2, 2.50 would be rounded down to 2)
If NETWK2<1 then NETWK2=1.

Derive first:

GRSSWK2

Uses:

STAT2
INCNOW
SECNET
SCNTGA
GRSSWK2
BANDN2
NETWK2 - Net weekly pay in second job (applies to all employees & those on schemes) (2 of 2)

1. **SCNTGA=8**
   - **YES**: NETWK2 = (SECNET * 8/52)
   - **NO**: SCNTGA = 9

2. **SCNTGA=9**
   - **YES**: NETWK2 = (SECNET * 9/52)
   - **NO**: SCNTGA = 10

3. **SCNTGA=10**
   - **YES**: NETWK2 = (SECNET * 10/52)
   - **NO**: SCNTGA = 13

4. **SCNTGA=13**
   - **YES**: NETWK2 = (SECNET * 4/52)
   - **NO**: SCNTGA = 26

5. **SCNTGA=26**
   - **YES**: NETWK2 = (SECNET * 2/52)
   - **NO**: SCNTGA = 52

6. **SCNTGA=52**
   - **YES**: NETWK2 = SECNET/52

7. **SCNTGA=90**
   - **YES**: NETWK2 = (SECNET * 2)

8. **SCNTGA=95**
   - **YES**: NETWKS = 8
   - **NO**: NA

9. **SCNTGA=97**
   - **YES**: NETWK2 = 8
   - **NO**: NA

10. **SCNTGA=8**
    - **YES**: NETWK2 = 9
    - **NO**: DNA
**NOPENFLG - Whether 16+ but below pensionable age**

Uses:
- AGE
- PENFLAGP

Derive first:
- PENFLAGP
**NSECMJ10 – NS-SEC Classes – Main Job, SOC2010 based**

Valid from January 2011

**Uses:**

NSECM10

**Derive First:**

NSECM10
OYMPR02 - Number of employees at workplace in job one year ago (reported)

Uses:
OYCIRC
OYSTAT
OYSOLO
OYMPE02
OYPMP02
OYPMS02
**PAIDHRA - Paid hours (based on actual hours)**

**Uses:**
- AGE
- TOTAC1
- ACTPOT
- ACTHR
- JBAWAY
- TYPSC12
- ILLWK
- ILLDAYS
- ACTWKDY
- EVEROT

**START**
- If AGE = 0-15
  - NO: TOTAC1 = -9
    - NO: TOTAC1 = 99 OR -8
      - NO: TOTAC1 = 0.01-0.99
        - NO: TOTAC1 = XX.5
          - YES: PAIDHRA = TOTAC1 (ROUNDED TO THE NEAREST WHOLE NUMBER)
            IF >97 SET TO 97
          - YES: PAIDHRA = TOTAC1 (ROUNDED TO THE NEAREST EVEN NUMBER)
            IF >97 SET TO 97
    - YES: PAIDHRA = 8 N/A
  - YES: PAIDHRA = 9 DNA

- If TOTAC1 = 9
  - NO: ACTPOT = 99 OR -8
    - NO: ACTPOT = 0.01-0.99
      - NO: ACTPOT = XX.5
        - YES: PAIDHRA = ACTHR + ACTPOT
          IF >97 SET TO 97
        - YES: PAIDHRA = ACTHR + ACTPOT
          IF >97 SET TO 97
    - YES: PAIDHRA = 8 N/A
  - YES: PAIDHRA = 8 N/A

- If ACTPOT = 9
  - NO: JBAWAY = 1
    - NO: TYPSC12 = 2
      - NO: ILLWK = 1
        - YES: PAIDHRA = 1
          IF >97 SET TO 97
        - NO: PAIDHRA = ACTHR + ACTPOT
          IF >97 SET TO 97
      - YES: PAIDHRA = 8 N/A
    - YES: PAIDHRA = 8 N/A
  - YES: PAIDHRA = 8 N/A

- If JBAWAY = 1
  - NO: TYPSC12 = 1
    - NO: ILLWK = 1
      - YES: PAIDHRA = 0
      - NO: EVEROT = -8
        - NO: DNA
          - YES: PAIDHRA = 9 DNA
      - YES: PAIDHRA = 8 N/A
    - YES: PAIDHRA = 8 N/A

- If EVEROT = -8
  - YES: DNA
    - NO: PAIDHRA = 9 DNA
PENFLAGP—Whether of pensionable age (Page 2 of 2)

Conditions mentioned in Page 1
REFT_N=YYYYMMDD - Uses information from REFWKY, REFWKM, REFWKD.
DOB_N=YYYYMMDD - Uses information from DOBY, DOBM, DOBD.

**Condition A**
if (ref_n < 20120306 and age > 60)
if (ref_n <= 20120307 <= ref_n <= 20140306 and age > 61)
if (ref_n <= 20140307 <= ref_n <= 20160306 and age > 62)
if (ref_n <= 20160307 <= ref_n <= 20180306 and age > 63)
if (ref_n <= 20180307 <= ref_n <= 20200306 and age > 64)

**Condition B**
if (dob_n <= 19550405) and (ref_n >= 20200306)  if (ref_n >= 20200506) and (age > 64)
if (dob_n <= 19550205) and (ref_n >= 20191106)  if (dob_n <= 19550305) and (ref_n >= 20200106)
if (dob_n <= 19541005) and (ref_n >= 20190306)  if (dob_n <= 19541105) and (ref_n >= 20190506)
if (dob_n <= 19540805) and (ref_n >= 20181106)  if (dob_n <= 19540905) and (ref_n >= 20190106)
if (dob_n <= 19540605) and (ref_n >= 20180706)  if (dob_n <= 19540705) and (ref_n >= 20180906)
if (dob_n <= 19540405) and (ref_n >= 20180306)  if (dob_n <= 19540505) and (ref_n >= 20180506)
if (dob_n <= 19521205) and (ref_n >= 20150706) if (dob_n <= 19530105) and (ref_n >= 20170906)
if (dob_n <= 19521005) and (ref_n >= 20150506) if (dob_n <= 19530205) and (ref_n >= 20160706)
if (dob_n <= 19530405) and (ref_n >= 20160306) if (dob_n <= 19530505) and (ref_n >= 20160506)
if (dob_n <= 19530605) and (ref_n >= 20160706) if (dob_n <= 19530705) and (ref_n >= 20160906)
if (dob_n <= 19530805) and (ref_n >= 20161106) if (dob_n <= 19530905) and (ref_n >= 20170106)
if (dob_n <= 19551005) and (ref_n >= 20170306) if (dob_n <= 19551105) and (ref_n >= 20170506)
if (dob_n <= 19551205) and (ref_n >= 20170906) if (dob_n <= 19551305) and (ref_n >= 20170906)
if (dob_n <= 195540205) and (ref_n >= 20171106) if (dob_n <= 195540305) and (ref_n >= 20180106)
if (dob_n <= 195540405) and (ref_n >= 20180306) if (dob_n <= 195540505) and (ref_n >= 20180506)
if (dob_n <= 195540605) and (ref_n >= 20180706) if (dob_n <= 195540705) and (ref_n >= 20180906)
if (dob_n <= 195540805) and (ref_n >= 20181106) if (dob_n <= 195540905) and (ref_n >= 20190106)
if (dob_n <= 195541005) and (ref_n >= 20190306) if (dob_n <= 195541105) and (ref_n >= 20190506)
if (dob_n <= 195541205) and (ref_n >= 20190706) if (dob_n <= 195550205) and (ref_n >= 20191106)
if (dob_n <= 195550305) and (ref_n >= 20200106) if (dob_n <= 195550405) and (ref_n >= 20200306) if (ref_n >= 20200506) and (age > 64)
PRXREL - Type of proxy interview

START

AGE = 0-15

YES

PERSNO = 0 AND RESPNO = 0

YES

RESPNO = PERSNO

YES

PERSONAL RESPONSE

YES

SPOUSE/PARTNER PROXY

NO

SPOUSE/PARTNER PROXY

YES

OTHER PROXY

NO

OTHER PROXY

NO

NA

NA

NA

NA

NO

NO

NO

NO

NO

NO

NO

NO

Uses:

AGE
RESPNO
PERSNO
XRN...(RELATIONSHIP VARIABLES)
PUBLICR - Whether public or private sector (reported)

START

STATR = 1

NO

STATR = 3-9

NO

PUBLICR = 1

YES

TYPSCH12 = 1, 2, 3, 5, 8 OR 9

NO

YTETJB = 1

NO

-9 DNA

YES

YES

SECTOR = 1

NO

SECTRO03 = 1, 7

NO

PUBLICR = 1

YES

YES

PUBLICR = 1

YES

YES

PUBLICR = 2

NA

SECTRO03 = 2-6, 8, 9

NO

-8

Uses:

STATR
TYPSCH12
SECTOR
SECTRO03
YTETJB
QUAL_1 to QUAL_35 Individual Qualifications Gained (1 of 6)
QUAL_1 to QUAL_35 Individual Qualifications Gained (2 of 6)

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 = 7

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 = 8

START
(UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 9) or FORTYP15 = 2

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 10

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 11

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 12

QUAL_7 = 0
QUAL_8 = 0
QUAL_9 = 0
QUAL_10 = 0
QUAL_11 = 0
QUAL_12 = 0

QUAL_7 = 1
QUAL_8 = 1
QUAL_9 = 1
QUAL_10 = 1
QUAL_11 = 1
QUAL_12 = 1
QUAL_1 to QUAL_35 Individual Qualifications Gained (4 of 6)
QUAL_1 to QUAL_35 Individual Qualifications Gained (5 of 6)

START

- UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 30

  - NO: QUAL_30 = 0
  - YES: QUAL_30 = 1

START

- (UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 33) or (FORTYP15 = 8, 9 or 10)

  - NO: QUAL_33 = 0
  - YES: QUAL_33 = 1

START

- UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 34

  - NO: QUAL_34 = 0
  - YES: QUAL_34 = 1
QUAL_1 to QUAL_35 codes every qualification gained from school, university, work, government scheme, other or foreign qualification, giving the respondent a list of the qualifications gained, regardless of where they had received it. If a person has QUAL_1=1, QUAL_7=1 and QUAL_29=1 then they have a degree, teaching qualification and an entry level qualification. See key, below;

**Key:**
QUAL_1 "Degree level qualification including foundation degrees, graduate membership of a professional institute, PGCE, or higher".
QUAL_2 "Diploma in higher education".
QUAL_3 "HNC/HND".
QUAL_4 "ONC/OND".
QUAL_5 "BTEC/BEC/TEC/Edexcel/LQL".
QUAL_6 "SCOTVEC, SCOTEC or SCOTBEC".
QUAL_7 "Teaching qualification (excluding PGCE)".
QUAL_8 "Nursing or other medical qualification not yet mentioned".
QUAL_9 "Other Higher Education qualification below degree level".
QUAL_10 "A-level/Vocational A-level/GCSE in applied subjects or equivalents".
QUAL_11 "New Diploma".
QUAL_12 "Welsh Baccalaureate".
QUAL_13 "International Baccalaureate".
QUAL_14 "NVQ/SVQ".
QUAL_15 "GNVQ/GSVQ".
QUAL_16 "AS-level/Vocational AS-level or equivalent".
QUAL_17 "Certificate of 6th year studies (CSYS) or equivalent".
QUAL_18 "Access to HE".
QUAL_19 "O-level or equivalent".
QUAL_20 "Standard/Ordinary (O) Grade/ Lower (Scotland)".
QUAL_21 "GCSE/Vocational GCSE".
QUAL_22 "CSE".
QUAL_23 "Advanced Higher/Higher/Intermediate/Access qualifications (Scotland)".
QUAL_24 "RSA/OCR".
QUAL_25 "City and Guilds".
QUAL_26 "YT Certificate".
QUAL_27 "Key skills/Core skills (Scotland)".
QUAL_28 "Basic skills (Skills for life/literacy/numeracy/language)".
QUAL_29 "Entry Level qualifications".
QUAL_30 "Award, Certificate or Diploma, at Entry Level and Levels 1 to 8".
QUAL_31 "Any other professional / work related qualification".
QUAL_32 N/A
QUAL_33 "Scottish Baccalaureate".
QUAL_34 "Scottish Nationals".
QUAL_35 "Skills for Work (Scotland)".
QULCH111 – Foreign and UK Qualifications gained

New in January 2011

Uses:
QLFOR11(1-6)
QULCHUK(1-6)
FORQUAL
QULCH113 – Foreign and UK Qualifications gained

New in January 2011

Uses:
QLFOR11(1-6)
QULCHUK(1-6)
QULCH11(1-2)

Derive first:
QULCH11(1-2)
QULCH116 – Foreign and UK Qualifications gained

New in January 2011

Uses:
QLFOR11(1-6)
QULCHUK(1-6)
QULCH11(1-5)

Derive first:
QULCH11(1-5)
**REDUND – Whether made redundant in last 3 months (2 of 2)**

1. 
   - REFWKY - CONMPY = 0
     - NO
     - YES
       - CONMPY > 0
         - NO
         - YES
           - CONSEY > 0
             - NO
             - YES
               - CONMPY > 0
                 - NO
                 - YES
                   - CONSEY > 0
                     - NO
                     - YES
                       - (REFWKY +12) - CONMON < 3
                         - NO
                         - YES
                           - (REFWKY - CONMON) < 3
                             - NO
                             - YES
                               - CONMON > 0
                                 - NO
                                 - YES
                                   - 2 NOT REDUNDANT
                                     - -8 NA
                                     - 2 NOT REDUNDANT
                                       - 2 NOT REDUNDANT
                                         - REDPAID = 1
                                           - NO
                                           - YES
                                             - REDPAID = 2
                                               - NO
                                               - YES
                                                 - 2 NOT REDUNDANT
                                                   - -8 NA
                                                   - 2 NOT REDUNDANT
                                                     - REDYL13 = 2,3
                                                       - NO
                                                       - YES
                                                         - REDANY = 1
                                                           - NO
                                                           - YES
                                                             - REDANY = 2
                                                               - NO
                                                               - YES
                                                                 - 1 REDUNDANT
                                                                 - 1 REDUNDANT
                                                                 - 2 NOT REDUNDANT
 2. 
   - -8 NA

Updated January 2011
REG3 - Region of Residence three months ago (3 of 4)

UALD3 = HA, HB, HC, HD, HG, HH, HN, HP, HX, 15UB, 15UC, 15UD, 15UE, 15UF, 15UG, 15UH, 18UB, 18UC, 18UD, 18UE, 18UG, 18UH, 18UK, 18UL, 19UC, 19UD, 19UE, 19UG, 19UH, 19UJ, 23UB, 23UC, 29UD, 29UE, 33UF, 40UB, 40UC, 40UD, 40UE, 46UB, 46UC, 46UD, 46UF

UALD3 = CN, CQ, CR, CS, CT, CU, CW

UALD3 = GA, GF, GL, 39UB, 39UC, 39UD, 39UE, 39UF, 41UB, 41UC, 41UD, 41UE, 41UF, 41UG, 41UH, 41UK, 44UB, 44UC, 44UD, 44UE, 44UF, 47UB, 47UC, 47UD, 47UE, 47UF, 47UG.

UALD3 = BL, BM, BN, BP, BQ, BR, BS, BT, BU, BW

UALD3 = BX, BY, BZ, CA, CB

UALD3 = ET, EU, EX, EY, 13UB, 13UC, 13UD, 13UE, 13UG, 13UH, 30UD, 30UE, 30UF, 30UG, 30UH, 30UJ, 30UK, 30UL, 30UM, 30UN, 30UP, 30UQ

REG3 = 11 SOUTH WEST

REG3 = 12 WEST MIDLANDS METROPOLITAN

REG3 = 13 REST OF WEST MIDLANDS

REG3 = 14 GREATER MANCHESTER

REG3 = 15 MERSEYSIDE

REG3 = 16 REST OF NORTH WEST
REG3 - Region of Residence three months ago (4 of 4)

UALD3 = NA, NC, NE, NG, NJ, NL, NN, NO, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

6

UALD3

NO

YES

REG3 = 17 WALES

7

UALD3 = 010-260, 460

NO

YES

REG3 = 18 STRATHCLYDE

UALD3 = QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QR, QT, QW, QX, RA, RB, RD, RG, RH, RJ

YES

REG3 = 19 REST OF SCOTLAND

UALD3 = 010-260, 460

NO

YES

REG3 = -8 ANY UNDEFINED VALUE OF REG3 IS AN ERROR

REG3 = 20 NORTHERN IRELAND
REGONE - Region of Residence one year ago (2 of 4)

UALDO= FK, FN, FP, FY 17UB, 17UC, 17UD, 17UF, 17UG, 17UH, 17UJ, 17UK, 31UB, 31UC, 31UD, 31UE, 31UG, 31UH, 31UJ, 32UB, 32UC, 32UD, 32UE, 32UF, 32UG, 32UH, 32UD, 34UB, 34UC, 34UD, 34UE, 34UF, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UH, 37UJ

UALDO= JA, 12UB, 12UC, 12UD, 12UE, 12UG, 33UB, 33UC, 33UD, 33UE, 33UF, 33UG, 33UH, 42UB, 42UC, 42UD, 42UE, 42UF, 42UG, 42UH

UALDO= AA, AG, AM, AN, AP, AU, AW, AZ, BB, BE, BG, BJ, BK

UALDO= KA, KF, KG, LC, MA, MB, MC, MD, ME, MF, MG, ML, MR, MS, MW, 09UC, 09UD, 09UE, 11UB, 11UC, 11UD, 11UF, 21UC, 21UD, 21UF, 21UG, 21UH, 22UB, 22UC, 22UD, 22UE, 22UF, 22UG, 22UH, 22JJ, 22UK, 22UL, 22UN, 22UQ, 24UB, 24UC, 24UD, 24UE, 24UF, 24UG, 24UH, 24JJ, 24UL, 24UN, 24UQ, 26UB, 26UC, 26UD, 26UE, 26UF, 26UG, 26UH, 26UJ, 26UK, 26UL, 26UB, 29UC, 29UD, 29UE, 29UG, 29UH, 29UK, 29UL, 29UM, 29UN, 29UP, 29UQ, 38UB, 38UC, 38UD, 38UE, 38UF, 43UB, 43UC, 43UD, 43UE, 43UF, 43UG, 43UH, 43UL, 43UM, 45UB, 45UC, 45UD, 45UE, 45UG, 45UH, 45UH

REGONE= REGONE=06 EAST MIDLANDS

REGONE= REGONE=07 EAST ANGLIA

REGONE= REGONE=08 INNER LONDON

REGONE= REGONE=09 OUTER LONDON

REGONE= REGONE=10 REST OF SOUTH EAST

2

3

4
REGONE - Region of Residence one year ago (4 of 4)

**UALDO=**

- NA, NC, NE, NG, NJ, NL, NN, NO, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

**REGONE=17** WALES

**UALDO=**

- QD, QQ, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF

**REGONE=18** STRATHCLYDE

**UALDO=**

- QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QT, QW, QX, RA, RB, RD, RG, RH, RJ

**REGONE=19** REST OF SCOTLAND

**UALDO=**

- 010-260, 460

**REGONE=20** NORTHERN IRELAND

**ANY UNDEFINED VALUE OF REGONE IS AN ERROR**
REGWK2R - Region of place of work (1 of 6)

Uses:
STAT2
HOME2
URESMC
UALDWK2
WKPL299
UALAD99
LADWAD

Derive First:
URESMC
UALDWK2

START

STAT2 = 1,2,4

REGWK2R =
-9 (DNA)

YES

HOME2 =
4, -8, -9

NO

URESNC = 8,9

YES

URESNC = 1-7

NO

URESNC = URESMC + 2

YES

URESNC = URESMC

1

YES

URESNC = 9

YES

URESNC = 9

NO

URALD99 and LADWAD = List A (see page 6)

YES

URESNC = 9

NO

URESNC = CENTRAL LONDON

9

URESNC = OUTER LONDON

11

URESNC = 9

NO

URESNC = INNER LONDON

9

URESNC = WORKPLACE OUTSIDE UK

23

URESNC = TYNE & WEAR

1

URESNC = -9 (DNA)

-9 (DNA)

USES:
STAT2
HOME2
URESMC
UALDWK2
WKPL299
UALAD99
LADWAD

DERIVE FIRST:
URESMC
UALDWK2
UALDWK2 = KA,KF,KG,LC,ML,MR,MS,MW,09UC,09UD,09UE,11UB, 11UC,11UE,11UF,21UC,21UD,21UF,21UG,21UH,22UB,22UC, 22UD,22UE,22UF,22UG,22UH,22UK,22UL,22UN,22UQ, 24UB,24UC,24UD,24UE,24UF,24UG,24UH,24UK,24UL,24UN, 24UP,26UB,26UC,26UD,26UE,26UF,26UG,26UH,26UK,26UL,26UB,28UC,28UD,28UE,28UF,28UG,28UH,28UK,28UL,28UM, 28UN,29UB,29UC,29UD,29UE,29UF,38UB,38UC,38UD,38UE,38UF,43UB,43UC, 43UD,43UE,43UF,43UG,43UH,43UK,43UL,43UM,45UB, 45UC,45UD,45UE,45UF,45UG,45UH

REGWKR2 = OUTER LONDON

UALDWK2 = HA,HB,HC,HD,HH,HN,HP,HA, 15UB,15UC,15UD,15UE,15UF,15UG, 15UH,18UB,18UC,18UD,18UE,18UG, 18UH,18UK,18UL,19UC,19UD,19UE, 19UG,19UH,19UK,23UB,23UC,23UD, 23UE,23UF,23UG,40UB,40UC,40UD, 40UE,40UF,46UB,46UC, 46UD,46UF

REGWKR2 = SOUTH WEST
UALDWK2 = CN,CQ,CR,CS,CT,CU, CW

UALDWK2 = GA,GF,GL,39UB,39UC,39UD,39UE, 39UF,41UB,41UC,41UD,41UE,41UF, 41UG,41UK,44UC,44UD,44UE,44UF,47UB,47UC,47UD,47UE, 47UF,47UG

UALDWK2 = BL,BM,BN,BP,BQ, BR, BS,BT,BU,BW

UALDWK2 = BX,BY,BZ,CA,CB

REGWK2R - Region of place of work (4 of 6)

4

UALDWK2 = CN,CQ,CR,CS,CT,CU, CW

UALDWK2 = GA,GF,GL,39UB,39UC,39UD,39UE, 39UF,41UB,41UC,41UD,41UE,41UF, 41UG,41UK,44UC,44UD,44UE,44UF,47UB,47UC,47UD,47UE, 47UF,47UG

UALDWK2 = BL,BM,BN,BP,BQ, BR, BS,BT,BU,BW

UALDWK2 = BX,BY,BZ,CA,CB

NO

YES

14 REGWK2R = WEST MIDLANDS METROPOLITAN

NO

YES

15 REGWK2R = REST OF WEST MIDLANDS

NO

YES

16 REGWK2R = GREATER MANCHESTER

NO

YES

17 REGWK2R = MERSEYSIDE

UALDWK2 = ET,EU,EX,EY,13UB,13UC,13UE, 13UG,13UH,30UD,30UE,30UF,30UG, 30UH,30UJ,30UK,30UM,30UN,30UP,30UQ

UALDWK2 = NA,NC,NE,NJ,NL,NN, NQ,NU,NS,NX,NZ,PB,PD, PF,PH,PK,PL, PM,PP,PR,PT

UALDK2 = QD,OG,QL,QM,QP,QQ, QT,QW, QX,RA,RB,RD,RG,RH,RJ

UALDWK2 = QA,OB,QC,QE,QF,QH,QJ, OM,QP,QQ,QR,QT,QW, QX,RA,RB,RD,RG,RH,RJ

5

UALDWK2 = ET,EU,EX,EY,13UB,13UC,13UE, 13UG,13UH,30UD,30UE,30UF,30UG, 30UH,30UJ,30UK,30UM,30UN,30UP,30UQ

UALDWK2 = NA,NC,NE,NJ,NL,NN, NQ,NU,NS,NX,NZ,PB,PD, PF,PH,PK,PL, PM,PP,PR,PT

UALDK2 = QD,OG,QL,QM,QP,QQ, QT,QW, QX,RA,RB,RD,RG,RH,RJ

UALDWK2 = QA,OB,QC,QE,QF,QH,QJ, OM,QP,QQ,QR,QT,QW, QX,RA,RB,RD,RG,RH,RJ

NO

YES

18 REGWK2R = REST OF NORTH WEST

NO

YES

19 REGWK2R = WALES

NO

YES

20 REGWK2R = STRATHCLYDE

NO

YES

21 REGWK2R = REST OF SCOTLAND
UALDWK2 = 010-260, 460

NO

UALDWK2 = 010-260, 460

NO

REGWK2R = NA

YES

REGWK2R = NORTHERN IRELAND

22
<table>
<thead>
<tr>
<th>LIST A</th>
<th>LIST B</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UALAD99</strong></td>
<td><strong>WKL299</strong></td>
</tr>
<tr>
<td>AG (CAMDEN)</td>
<td>100201, 101024, 101691, 101903, 103531, 113676, 107109, 110328, 112213, 117919, 123040, 123043, 104323</td>
</tr>
<tr>
<td>AU (ISLINGTON)</td>
<td>101397, 102024, 106920, 109969, 117987, 118370, 118440, 120121</td>
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<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>107277, 111036, 123038, 115512, 118408, 104426</td>
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<td>BE (LAMBETH)</td>
<td>117876</td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>111380</td>
</tr>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>111380</td>
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<tr>
<td>AA (CITY OF LONDON)</td>
<td>111380</td>
</tr>
<tr>
<td><strong>LADWAD</strong></td>
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<tr>
<td>AGFT, AGFC, AGFR, AGFD, AGFZ</td>
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</tr>
<tr>
<td>AUF, AUFB</td>
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<td>AWFL</td>
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<tr>
<td>BEFJ, BEFK, BEFU</td>
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</tr>
<tr>
<td>BKFA, BKFC, BKFD, BKFE, BKFF, BKFL, BKFK, BKFR, BKFU, BKFW, BKFX, BKFZ</td>
<td>100948, 101458, 102135, 103906, 105045, 123039, 111400, 111690, 111891, 112938, 113098, 113153, 115207, 115229, 115257, 115588, 115648, 116379, 117972, 118385, 119029, 120883, 121687, 121763, 121996, 123046</td>
</tr>
</tbody>
</table>
REGWKR - Region of place of work (2 of 6)

1. UALDWK = EB, EC, EE, EF, EH, 16UB, 16UC, 16UD, 16UE, 16UF, 16UG, 20UB, 20UD, 20UE, 20UF, 20UG, 20UH, 20UJ, 35UB, 35UC, 35UD, 35UE, 35UF, 35UG
   - NO
   - UALDWK = CC, CE, CF, CG
   - YES
   - 2
     - REGWKR = REST OF NORTH REGION

2. UALDWK = CX, CY, CZ, DA, DB
   - NO
   - UALDWK = FA, FB, FC, FD, FF, 36UB, 36UC, 36UD, 36UE, 36UF, 36UG, 36UH
   - YES
   - 5
     - REGWKR = REST OF YORKSHIRE & HUMBERSIDE

3. UALDWK = FK, FN, FP, FY, 17UB, 17UC, 17UD, 17UE, 17UF, 17UG, 17UH, 17UJ, 31UB, 31UC, 31UD, 31UE, 31UG, 31UH, 31UJ, 32UB, 32UC, 32UD, 32UE, 32UF, 32UG, 32UH, 34UB, 34UC, 34UD, 34UE, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UJ
   - NO
   - 6
     - REGWKR = EAST MIDLANDS

4. UALDWK = JA, 12UB, 12UC, 12UD, 12UE, 12UG, 33UB, 33UC, 33UD, 33UE, 33UF, 33UG, 33UH, 42UB, 42UC, 42UD, 42UE, 42UF, 42UG, 42UH
   - NO
   - 7
     - REGWKR = EAST ANGLIA

5. UALDWK = AA, AG, AM, AN, AP, AU, AW, AY, AZ, BB, BE, BG, BJK
   - NO
   - WKPL99 = List B (see page 6)
   - YES
   - 9
     - REGWKR = INNER LONDON (NOT CENTRAL)

6. REGWKR = EAST MIDLANDS

7. REGWKR = EAST ANGLIA

8. REGWKR = CENTRAL LONDON

9. REGWKR = CENTRAL LONDON
UALDWK = CN,CQ,CR,CS,CT,CU,CW

UALDWK = GA,GF,GL,39UB,39UC,39UD,39UE,39UF,41UB,41UC,41UD,41UE,41UF,41UG,41UK,44UB,44UC,44UD,44UE,44UF,47UB,47UC,47UD,47UE,47UF,47UG

UALDWK = BL,BM,BN,BP,BQ,BR,BS,BT,BU,BW

UALDWK = BX,BY,BZ,CA,CB

UALDWK = ET,EU,EX,EY,13UB,13UC,13UE,13UG,13UH,30UD,30UE,30UF,30UG,30UH,30UJ,30UK,30UL,30UM,30UN,30UP,30UQ

UALDWK = NA,NC,NE,NJ,NN,NQ,NU,NS,NX,NZ,PB,PD,PF,PH,PK,PL,PM,PP,PR,PT

UALDWK = QD,QG,QK,QL,QN,QS,QU,QT,QW,QL,RC,RF

UALDWK = QA,QB,QC,QE,QF,QH,QJ,QM,QP,QQ,QR,QT,QW,QX,RA,RB,RD,RG,RH,RJ

REGWKR = WEST MIDLANDS METROPOLITAN

REGWKR = REST OF WEST MIDLANDS

REGWKR = GREATER MANCHESTER

REGWKR = MERSEYSIDE

REGWKR = REST OF NORTH WEST

REGWKR = WALES

REGWKR = STRATHCLYDE

REGWKR = REST OF SCOTLAND

REGWKR - Region of place of work (4 of 6)
REGWKR - Region of place of work (5 of 6)

UALDWK = 010-260 or 460

- NO → REGWKR = -8
  Not Answered

- YES →
  REGWKR = 22
  NORTHERN IRELAND
### LIST A

<table>
<thead>
<tr>
<th>UALAD99</th>
<th>LADWAD</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG (CAMDEN)</td>
<td>AGFT,AGFC,AGFR,AGFD,AGFZ</td>
</tr>
<tr>
<td>AU (ISLINGTON)</td>
<td>AUFE,AUFB</td>
</tr>
<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>AWFL</td>
</tr>
<tr>
<td>BE (LAMBETH)</td>
<td>BEFJ,BEFK,BEFU</td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>BKFA,BKFC,BKFD,BKFE,BKFF,BKFL,BKFK,BKFR,BKFU,BKFW,BKFX,BKFZ</td>
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<td>AA (CITY OF LONDON)</td>
<td>ALL</td>
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</table>

### LIST B

<table>
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<tr>
<th>UALDWK</th>
<th>WKPL99</th>
</tr>
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<tbody>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>100201,101024,101691,101903,103531,113676,107109,110328,112213,117919,123043,104323</td>
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<td>111380</td>
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<td>AG (CAMDEN)</td>
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<tr>
<td>AU (ISLINGTON)</td>
<td>101397,102024,106920,109969,117987,118370,118440,120121</td>
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<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>117876</td>
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<td>BE (LAMBETH)</td>
<td>107277,111036,123038,115512,118408,104426</td>
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<td>BK (WESTMINSTER)</td>
<td>117876</td>
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<tr>
<td>BG (TOWER HAMLETS)</td>
<td>118294</td>
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<td>BK (WESTMINSTER)</td>
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<td></td>
<td>119029,120883,121687,121763,121996,123046</td>
</tr>
</tbody>
</table>
RESTMR6 - Reason job temporary (reported) (1 of 3)

Uses:
STATR
JOBTP
JBTP101
WHYTMP6

Derive First:
STATR
RESTMR6 - Reason job temporary (reported) (2 of 3)

1. JBTP101 = 4
   - NO → 2
     - YES
       - WHYTMP6 = 1
         - NO → WHYTMP6 = 2
           - NO → WHYTMP6 = 3
             - NO → WHYTMP6 = 4
               - NO → WHYTMP6 = 5
                 - NO → 13. FIXED CONTRACT: NO REASON GIVEN
               - YES
                 - 8. FIXED CONTRACT: INCLUDES PERIOD OF TRAINING
               - YES
                 - 9. FIXED CONTRACT: CONTRACT FOR PROBATIONARY PERIOD
             - YES
               - 10. FIXED CONTRACT: COULD NOT FIND PERMANENT JOB
           - YES
             - 11. FIXED CONTRACT: DID NOT WANT PERMANENT JOB
         - YES
           - 12. FIXED CONTRACT: OTHER REASON
     - YES
       - 14. AGENCY TEMP: INCLUDES PERIOD OF TRAINING

2. JBTP101 = 1
   - NO → 3
     - YES
       - WHYTMP6 = 1
         - NO → WHYTMP6 = 2
           - NO → WHYTMP6 = 3
             - NO → WHYTMP6 = 4
               - NO → WHYTMP6 = 5
                 - NO → 19. AGENCY TEMP: NO REASON GIVEN
               - YES
                 - 15. AGENCY TEMP: CONTRACT FOR PROBATIONARY PERIOD
             - YES
               - 16. AGENCY TEMP: COULD NOT FIND PERMANENT JOB
         - YES
           - 17. AGENCY TEMP: DID NOT WANT PERMANENT JOB
       - YES
         - 18. AGENCY TEMP: OTHER REASON
Uses:

SOC10L

Derive First:

SOC10L
Uses:
SOC10L
Derive First:
SOC10L

SOC10LMN – Occupation in Last Job, SOC2010 minor group level

Valid from January 2011

**SC10LMN =** first three digits of **SOC10L**
SC10MMJ – Occupation in Main Job One, SOC2010 major group level

Valid from January 2011

Uses:
SOC10M
Derive First:
SOC10M

SOC10M = first digit of SOC10M

START

SOC10M = -9 → NO

YES

SC10MMJ = -9 (DNA)

SOC10M = -8 → NO

YES

SC10MMJ = -8 (NA)

SOC10M
SC10MMN – Occupation in Main Job, SOC2010 minor group level

Valid from January 2011

Uses:
SOC10M

Derive First:
SOC10M
Uses:
SOC100

Derive First:
SOC100
SC10OMN – Occupation in Job One Year Ago, SOC2010 minor group level

Valid from January 2011

Uses:
SOC10O

Derive First:
SOC10O

SC10OMN
- Occupation in Job One Year Ago, SOC2010 minor group level

START

SOC10O = -9

NO

SOC10O = -8

NO

SC10OMN = first three digits of SOC10O

YES

YES

SC10OMN = -9

(DNA)

SC10OMN = -8

(NA)
Uses:
SOC10S
Derive First:
SOC10S

Valid from January 2011

SC10SMJ – Occupation in Second Job, SOC2010 major group level

START

SOC10S = -9

SOC10S = -8

SC10SMJ = first digit of SOC10S

SC10SMJ = -9
(DNA)

SC10SMJ = -8
(NA)
SC10SMN – Occupation in Second Job, SOC2010 minor group level

Valid from January 2011

START

SOC10S = -9

SOC10S = -8

SOC10S = first three digits of SOC10S

YES

NO

NO

YES

SC10SMN = -9
(DNA)

SC10SMN = -8
(NA)

Uses:
SOC10S
Derive First:
SOC10S
SNGDEGB – Single subject of degree (banded) (1 of 6)

Uses:
FDSNGDEG
SNGHD
SNGDEGN
Key:

(1) Medicine and dentistry
(2) Medical related subjects
(3) Biological Sciences
(4) Agricultural Sciences
(5) Physical/Environmental Sciences
(6) Mathematical Sciences & Computing
(7) Engineering
(8) Technology
(9) Architecture and related studies
(10) Social Studies
(11) Law
(12) Business & Financial studies
(13) Mass Communications and Documentation
(14) Linguistics, English, Celtic and Ancient
(15) European Languages
(16) Eastern, Asiatic, African, American, and Australasian Languages, literature
(17) Humanities
(18) Arts
(19) Education
Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.

Uses:
- APPRCURR
- OCOD10A
SOC10L = Occupation in Last Job, SOC2010 unit level

START

EVERWK = NO

-9

OCOD10M = NO

-9

YES

STAT = 1 - 4

SOC10L = NO

-9 (DNA)

SOC10L = NO

-8 (NA)

OCOD10M = NO

-8

SOC10L = NO

-8 (NA)

OCOD10M = NO

3317, 3318

SOC10L = NO

3311

SOC10L = OCOD10M

Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.

Uses:

EVERWK

OCOD10M

STAT
SOC10M – Occupation in Main Job, SOC2010 unit level

Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.
Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.
SOC10R – Occupation in Job Made Redundant From, SOC2010 unit level

Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.

Uses:
OCOD10M
OCOD10R
REDOCC
REDSTAT
STAT
SOC10S – Occupation in Second Job, SOC2010 unit level

Note: OCODs 3317 3318 added JM12 to enable Eurostat ISCO-08 distinction between armed forces NCOs and other ranks. As UK SIC 2010 does not require this distinction 3317 and 3318 are combined to recreate the original 3311 NCO and others ranks class for all non Eurostat SOC2010 variables.

Uses:
OCOD102
Y2JOB
SOOLR - Self-employed with or without employees in last job (reported)

START

EVERWK = 1

-9 DNA

YES

SOOLR = SOLO

Uses:
EVERWK
SOLO
SOLOR - Self-employed with or without employees in main job (reported)

Uses:
EVERWK
SOLO
STATLR - Employment status in last job (reported)

START

EVERWK = 1

NO

-9

DNA

YES

STATLR = STAT

Uses:

EVERWK

STAT
STATR - Employment status in main job (reported)

START → EVERWK = -9 → DNA

YES → STATR = STAT

Uses:
EVERWK
STAT
Uses:
CURED8

Derive First:
CURED8
SUMHRS - Total actual hours worked in main and second job

Uses:
- TTACHR
- ACTHR2
TOTHRS - Total hours worked in reference week (2 of 2)

1. JB AWAY = 1
   - NO: TYPSCH12 = 2
     - NO: ILLWK = 1
       - NO: ACTHR2 = 9
         - NO: EVEROT = 8
           - NO: ACTHR2 = 99 OR -8
             - NO: 2

   - YES: TOTHRS = 00 AWAY FROM JOB

2. ACTHR2 = 0.01-0.99
   - NO: ACTHR2 = XX.5
     - NO: TOTHRS = ACTHR2 ROUNDED TO NEAREST WHOLE NUMBER. IF >97 SET TO 97
     - YES: TOTHRS = TOTAC2+ACTHR2 ROUNDED TO NEAREST EVEN NUMBER. IF >97 SET TO 97
   - YES: TOTHRS =01

3. TOTAC2+ACTHR2 = XX.5
   - NO: TOTHRS = TOTAC2+ACTHR2 ROUNDED TO NEAREST WHOLE NUMBER. IF >97 SET TO 97
   - YES: TOTHRS = TOTAC2+ACTHR2 ROUNDED TO NEAREST EVEN NUMBER. IF >97 SET TO 97

NOTE: Where XX is a number in the range 00-97

*Number of positive values in ILLDAYS (1-7) and ACTWKDY (1-7)
**TTACHR - Total actual hours in main job**

- **AGE <= 15**
  - **NO**
  - **YES**
    - **TTACHR = -9 (DNA)**

- **TOTAC1 = -9**
  - **NO**
    - **YES**
      - **TTACHR = -9 (NA)**
  - **YES**
    - **TTACHR = -8 (NA)**

- **TOTAC1 = 99 OR -8**
  - **NO**
    - **YES**
      - **TTACHR = 1**
  - **YES**
    - **TTACHR = 1**

- **TOTAC1 = 0.01 - 0.99**
  - **NO**
    - **YES**
      - **TTACHR = 1**
  - **YES**
    - **TTACHR = 1**

- **TOTAC1 = XX.5**
  - **NO**
    - **YES**
      - **TTACHR = 1**
  - **YES**
    - **TTACHR = 1**

- **TTACHR = TOTAC1 ROUNDED TO THE NEAREST WHOLE NUMBER**
  - **IF > 97 SET TO 97**

- **TTACHR = TOTAC2 ROUNDED TO THE NEAREST WHOLE NUMBER**
  - **IF > 97 SET TO 97**

- **TTACHR = TOTAC2 ROUNDED TO THE NEAREST EVEN NUMBER**
  - **IF > 97 SET TO 97**

- **JBAWAY = 1**
  - **NO**
    - **YES**
      - **TTACHR = -9 (DNA)**
  - **YES**
    - **YES**
      - **TTACHR = -8 (NA)**

- **TYPSC12 = 2**
  - **NO**
    - **YES**
      - **TTACHR = 1**
  - **YES**
    - **YES**
      - **TTACHR = 1**

- **ILLWK = 1**
  - **NO**
    - **YES**
      - **TTACHR = 0**
  - **YES**
    - **YES**
      - **TTACHR = 0**

- **EVEROT = -8**
  - **NO**
    - **YES**
      - **TTACHR = -8 (NA)**

**Uses:**
- AGE
- TOTAC1
- TOTAC2
- JBAWAY
- TYPSC12
- ILLWK
- ILLDAYS
- ACTWKDY
- EVEROT

**NOTE:** Where XX is a number in the range 00-97
*Number of positive values in ILLDAYS (1-7) and ACTWKDY (1-7)
TTUSHR - Total usual hours in main job

Uses:
AGE
TOTUS1
TOTUS2
EVEROT

NOTE: Where XX is a number in the range 00-97
TYEMPS - Type of employment sought (2 of 2)

3

LKSELA = 2

NO

10

TYPE OF EMP
NOT STATED

YES

4

SEL
EMPLOYED

2

SELF EMPLOYED

LKSELC = 1

4

NO

NO

5

LKFTPC = 2

EMPLOYEE:
TIME NOT
STATED

YES

LKFTPC = 1

LKFTPC = 1

YES

2

EMPLOYEE:
FULL TIME

3

EMPLOYEE:
PART TIME

5

LKSELC = 1

10

TYPE OF EMP
NOT STATED

NO

YES

5

SELF EMPLOYED
UALADGB - Unitary Authorities and LADs of Great Britain

START

UALADGB = UALAD99

UALAD99 \geq 010, UALAD99 \leq 260.

UALAD99

YES

UALADGB = UALAD99

NO

UALADGB = 460

Uses:

UALAD99
UALD3 - Place of residence three months ago

START

RESTME = 2 - 6

RESMTH > = 2

RESBBY = 1

RESMTH < 3

YES

YES

YES

YES

YES

NO

NO

NO

NO

NO

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**UALDO - Place of residence one year ago (2 of 2)**

1. **OYEQM3 = 2**
   - **NO** → UALDO = -8
     - N/A
   - **YES**

2. **OYRESC = 999997**
   - **NO** → OYRESC = 100001-199999, 200000-299999, 300000-499999
     - **NO** → OYRESC = 950, 500001
       - **NO** → UALDO = -8
         - N/A
       - **YES** → UALDO = 460
         - Northern Ireland
     - **YES** → UALDO = 499
       - (OUTSIDE UK)
   - **YES**

3. **OYRESC = 100001-199999, 200000-299999, 300000-499999**
   - **NO** → OYRESC = 950, 500001
     - **NO** → UALDO = -8
       - N/A
     - **YES** → UALDO = 460
       - Northern Ireland
   - **YES** → UALDO = Use UALAD conversion list
UALDWK - Place of Work

Uses:
- WRKING
- JBAWAY
- OWNBUS
- RELBUS
- HOME
- WKPL99
- COUNTRY
- UALAD99
- UALAD CONVERSION LIST

START

WRKING=1 NO

JBAWAY=1 NO

OWNBUS=1 NO

RELBUS=1 NO

YES

UALDWK = -9 DNA

HOME=4 or -8

COUNTRY = 5 NO

UALDWK=UALAD99

YES

UALDWK = 460

(NORTHERN IRELAND)

WKPL99=-8 NO

WKPL99 = 999997 NO

WKPL99 = 950, 500001 NO

UALDWK = -8 NA

WKPL99 = 100001-199999, 200000-299999, 300000-499999

UALDWK = 499

(OUTSIDE UK)

UALDWK= Use UALAD conversion list

UALDWK= 460

(NORTHERN IRELAND)
UALDWK2 – Place of Work in second job

START

Y2JOB = 2

NO

YTETJB = 1

NO

UALDWK2 = -9

DNA

YES

YES

HOME2 = 4 or -8

NO

COUNTRY = 5

NO

UALDWK2 = UALAD99

YES

UALDWK2 = 460

(NORTHERN IRELAND)

YES

WKPL299 = -8

NO

UALDWK2 = -8

NA

YES

WKPL299 = 999997

NO

UALDWK2 = 499

(OUTSIDE UK)

YES

WKPL299 = 100001-199999

200000-299999

300000-499999

NO

UALDWK2 = 950, 500001

NO

UALDWK2 = -8

NA

USES

Y2JOB

YTETJB

HOME2

COUNTRY

UALAD99

WKPL299

UALAD CONVERSION LIST
URESMC - Region of usual residence (3 of 4)

1. If UALAD99= CN, CQ, CR, CS, CT, CU, CW
   - NO → UALAD99= BL, BM, BN, BP, BQ, BR, BS, BT, BU, BW
   - YES → URESMC=12 WEST MIDLANDS METROPOLITAN

2. If UALAD99= GA, GF, GL, 39UB, 39UC, 39UD, 39UE, 39UF, 41UB, 41UC, 41UD, 41UE, 41UF, 41UG, 41UK, 44UB, 44UC, 44UD, 44UE, 44UF, 47UB, 47UC, 47UD, 47UE, 47UF, 47UG
   - NO → URESMC=14 GREATER MANCHESTER
   - YES → URESMC=13 REST OF WEST MIDLANDS

3. If UALAD99= BX, BY, BZ, CA, CB
   - NO → UALAD99= ET, EU, EX, EY, 13UB, 13UC, 13UD, 13UE, 13UG, 13UH, 30UD, 30UE, 30UF, 30UG, 30UH, 30UJ, 30UK, 30UL, 30UM, 30UN, 30UP, 30UQ
   - YES → URESMC=15 MERSEYSIDE

4. If UALAD99= NA, NC, NE, NG, NJ, NL, NN, NQ, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT
   - NO → URESMC=17 WALES
   - YES → URESMC=16 REST OF NORTH WEST

The flowchart indicates the region of usual residence based on the UALAD99 codes.
URESMD - Region of usual residence (4 of 4)

UALAD99 = QD, QG, QK, QL, QN, QS, QU, QV, QZ, RC, RE, RF

YES → URESMC = 18 STRATHCLYDE

NO → UALAD99 = QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QR, QT, QW, QX, RA RB, RD, RG, RH, RJ

YES → URESMC = 19 REST OF SCOTLAND

NO → UALAD99 = 010-260,460

NO → ANY UNDEFINED VALUE OF URESMC IS AN ERROR

URESMD = 20 NORTHERN IRELAND
WCHFR - Respondent usually works Friday

START

ALL OF WCHDAY(1-7) = -9

YES

WCHFR = 1 WORKS FRIDAY

NO

WCHFR = -9 DNA

DAYSPZ = 7

YES

WCHFR = 1 WORKS FRIDAY

NO

NO

WCHFR = -8

NO

WCHFR = 2 DOES NOT WORK FRIDAY

WCHFR = 1

WORKS FRIDAY

ANY OF WCHDAY(1-7) = 5

YES

WCHFR = 1 WORKS FRIDAY

NO

ALL OF WCHDAY(1-7) = -8

YES

WCHFR = -8 NA

Uses:

WCHDAY(1-7)
DAYSPZ
WCHMO - Respondent usually works Monday

Uses:
WCHDAY(1-7)
DAYSPZ

START

ALL OF
WCHDAY(1-7) = -9

NO

ANY OF
WCHDAY(1-7) = 1

NO

ALL OF
WCHDAY(1-7) = -8

NO

WCHMO = 2
DOES NOT WORK MONDAY

WCHMO = -9
DNA

YES

WCHMO = 1
WORKS MONDAY

YES

WCHMO = 1
WORKS MONDAY

YES

WCHMO = -8
NA

DAYSPZ = 7

NO

WCHMO = 1
WORKS MONDAY

YES

WCHMO = 1
WORKS MONDAY

YES

WCHMO = -8
NA

NO

WCHMO = -9
DNA

YES

WCHMO = 1
WORKS MONDAY

YES

WCHMO = 1
WORKS MONDAY

YES
WCHSA - Respondent usually works Saturday

START

ALL OF WCHDAY(1-7) = -9

YES

DAYSPZ = 7

NO

WCHSA = -9 DNA

YES

WCHSA = 1 WORKS SATURDAY

NO

ANY OF WCHDAY(1-7) = 6

YES

WCHSA = 1 WORKS SATURDAY

NO

ALL OF WCHDAY(1-7) = -8

YES

WCHSA = -8 NA

NO

WCHSA = 2 DOES NOT WORK SATURDAY

Uses:

WCHDAY(1-7)
DAYSPZ
WCHSU - Respondent usually works Sunday

START

ALL OF WCHDAY(1-7) = -9

YES

WCHSU = 1
WORKS SUNDAY

NO

ANY OF WCHDAY(1-7) = 6

NO

ALL OF WCHDAY(1-7) = -8

NO

WCHSU = 2
DOES NOT WORK SUNDAY

YES

DAYSPZ = 7

NO

WCHSU = -9
DNA

YES

WCHSU = 1
WORKS SUNDAY

NO

WCHSU = -8
NA

Uses:
WCHDAY(1-7)
DAYSPZ
WCHTH - Respondent usually works Thursday

START

- ALL OF WCHDAY(1-7) = -9
  - YES: DAYSPZ = 7
    - DNA
      - NO: WCHTH = -9
        - YES: WCHTH = 1
          WORKS THURSDAY
      - NO: WCHTH = -8
        WORKS THURSDAY
  - NO: WCHTH = 2
    DOES NOT WORK THURSDAY

Uses:
WCHDAY(1-7)
DAYSPZ
WCHTU - Respondent usually works Tuesday

START

ALL OF WCHDAY(1-7) = -9

NO

WCHTU = -9 DNA

YES

DAYSPZ = 7

NO

WCHTU = -9

YES

WCHTU = 1
WORKS TUESDAY

WCHTU = 1
WORKS TUESDAY

WCHTU = -8
NA

NO

ANY OF WCHDAY(1-7) = 2

WCHTU = 1
WORKS TUESDAY

WCHTU = 2
DOES NOT WORK TUESDAY

ALL OF WCHDAY(1-7) = -8

NO

Uses:

WCHDAY(1-7) DAYSPZ
WCHWE - Respondent usually works Wednesday

START

ALL OF WCHDAY(1-7) = -9

NO

ANY OF WCHDAY(1-7) = 3

NO

ALL OF WCHDAY(1-7) = -8

NO

WCHWE = 2

DOES NOT WORK WEDNESDAY

YES

WCHWE = -9

DNA

YES

DAYSPZ = 7

NO

YES

WCHWE = 1

WORKS WEDNESDAY

YES

WCHWE = 1

WORKS WEDNESDAY

YES

WCHWE = -8

NA

Uses:

WCHDAY(1-7)
DAYSPZ
WKFRI - Whether respondent worked on a Friday

START

ACTWKDY(1-7) = -9

NO

YES

WKFRI = -9
DNA

ACTWKDY(1-7) = 5

NO

YES

WKFRI = 1
WORKED ON FRIDAY

Any

ACTWKDY(1-7) = 5

NO

WKFRI = 2
DID NOT WORK ON FRIDAY

Uses:

ACTWKDY(1-7)
WKMON - Whether respondent worked on a Monday

START

All ACTWKDY(1-7) = -9

NO

WKMONE = -9
DNA

YES

Any ACTWKDY(1-7) = 1

NO

WKMONE = 1
WORKED ON
MONDAY

NO

WKMONE = 2
DID NOT WORK ON
MONDAY

Uses:

ACTWKDY(1-7)
WKSAT - Whether respondent worked on a Saturday

START

All ACTWKDY(1-7) = -9

WKSAT = -9
DNA

Any ACTWKDY(1-7) = 6

WKSAT = 1
WORKED ON SATURDAY

WKSAT = 2
DID NOT WORK ON SATURDAY

Uses:
ACTWKDY(1-7)
WKSUN - Whether respondent worked on a Sunday

START

All ACTWKDY(1-7) = -9

NO

Any ACTWKDY(1-7) = 7

NO

YES

WKSUN = -9
DNA

YES

WKSUN = 1
WORKED ON SUNDAY

WKSUN = 2
DID NOT WORK ON SUNDAY

Uses:

ACTWKDY(1-7)
**WKTHU - Whether respondent worked on a Thursday**

Uses:

ACTWKDY(1-7)
WKTUE - Whether respondent worked on a Tuesday

Uses:

ACTWKDY(1-7)
WKWED - Whether respondent worked on a Wednesday

START

ACTWKDY(1-7) = -9

NO

ACTWKDY(1-7) = 3

NO

YES

WKWED = -9
DNA

WKWED = 1
WORKED ON WEDNESDAY

WKWED = 2
DID NOT WORK ON WEDNESDAY

Uses:
ACTWKDY(1-7)
WN2LFT11 - When left job (2 of 4)

2

EVERWK = 1

-9 DNA

EVERWK = 2

10 NEVER HAD PAID JOB

(REFWKY - LEFTYR) >= 6

(REFWKY - LEFTYR) = 5

(REFWKY - LEFTYR) = 4

(REFWKY - LEFTYR) = 3

(REFWKY <= LEFTM)

REFWKM <= LEFTM

LEFTYR = -8

LEFTM = -8

LEFTM = -8

LEFTM = -8

3

4 YRS BUT LESS THAN 5 YRS

3 YRS BUT LESS THAN 4 YRS

2 YRS BUT LESS THAN 3 YRS

7

9

5 YRS OR MORE

6

8

3 YRS BUT LESS THAN 4 YRS

2 YRS BUT LESS THAN 3 YRS

8

9

5 YRS OR MORE

4 YRS BUT LESS THAN 5 YRS

4 YRS BUT LESS THAN 5 YRS

4 YRS BUT LESS THAN 5 YRS

3 YRS BUT LESS THAN 4 YRS

3 YRS BUT LESS THAN 4 YRS

3 YRS BUT LESS THAN 4 YRS

2 YRS BUT LESS THAN 3 YRS

2 YRS BUT LESS THAN 3 YRS

2 YRS BUT LESS THAN 3 YRS

1

NEVER HAD PAID JOB
WN2LFT11 - When left last job (4 of 4)

KEY:
1  Less than 3 months
2  3 months but less than 6 months
3  6 months but less than 12 months
4  12 months but less than 18 months
5  18 months but less than 2 years
6  2 years but less than 3 years
7  3 years but less than 4 years
8  4 years but less than 5 years
9  5 years or more
10  Never had a paid job
-8  No Answer
-9  Not Applicable
Uses:
AGE
WRKING
JBAWAY
COUNTRY
SCHM12
FUND12
TYPSCCH12
OWNBUS
RELBUS
YTETJB
EVERWK
REFWKY
REFWKM
LEFTYR
LEFTM