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.
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
HNWDSN
HNWFAM
HNWSKD
HNWSTU
HNMF1664
HNMF5964
HNNOWK05
HNOTSTUD
HNPEPX
HNPEPY
HNPTIME
HNUNEMP
HNWOTH05
HOHID
<table>
<thead>
<tr>
<th>Variable Name</th>
<th>Description</th>
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<td>AAGE</td>
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<tr>
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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

NO

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

YES

WHEN COMPLETE

ANY CHILDREN <16

NO

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

WHEN COMPLETE

AOFL16 = 16 (NO DEPENDENT CHILDREN UNDER 16)

YES

AOFL16 = AGE OF OLDEST CHILD

Uses:
CAIND
AGE
FUSERIAL

Derive first:
CAIND
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

YES

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

WHEN COMPLETE

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

WHEN COMPLETE

ANY CHILDREN <19

AOFL19 = 19

(NO DEPENDENT CHILDREN UNDER 19)

YES

AOFL19 = AGE OF OLDEST CHILD

NO

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

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

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

WHEN COMPLETE

WHEN COMPLETE

YES

NO

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

NO

GO TO NEXT RECORD IN HOUSEHOLD

YES

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

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

WHEN COMPLETE

ANY CHILDREN <19

NO

AOHL19=19

(NO DEPENDENT CHILDREN UNDER 19)

YES

AOHL19 = AGE OF OLDEST CHILD

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

AYFL19 = 19

(No dependent children under 19)

YES

NO

WHEN COMPLETE

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

ANY CHILDREN <19

YES

AYFL19 = AGE OF YOUNGEST CHILD

NO

WHEN COMPLETE

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

Uses:
CAIND
AGE
FUSERIAL

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

START

CONSIDER EACH PERSON IN HOUSEHOLD - AYHL19 SAME FOR ALL

CAIND = 2-4

NO

GO TO NEXT RECORD IN HOUSEHOLD

YES

RECORD AGE OF CHILD THEN GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

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

WHEN COMPLETE

ANY CHILDREN <19

NO

AYHL19 = 19

(NO DEPENDENT CHILDREN UNDER 19)

YES

AYHL19 = AGE OF YOUNGEST CHILD

Uses:
CAIND
AGE
HSERIAL

Derive first:
CAIND
EXTFU - Extended family unit

START

TOTFU > 1

YES

SMSXFU = FAMUNIT

NO

MORE THAN 1 SMSXFU IN HOUSEHOLD

NO

NO

YES

NO

YES

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

YES

NO

YES

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

EXTFU = -9

DOES NOT APPLY

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

Derive first:
SMSXFU
TOTFU
TOTFU
FDPCH2 - Number of children in family aged <2

START

CONSIDER EACH PERSON IN FAMILY UNIT - FDPCH2 SAME FOR ALL

CAIND=2,3

NO

GO TO NEXT RECORD IN FAMILY UNIT

YES

AGE<2

NO

WHEN COMPLETE

YES

RECORD AS CHILD AGED UNDER 2
GO TO NEXT RECORD IN FAMILY UNIT

WHEN COMPLETE

FDPCH2=00-29

COUNT ALL CHILDREN RECORDED AS AGED UNDER 2

Uses:
CAIND
AGE

Derive first:
CAIND
FDPCH4 - Number of children in family aged 2 - 4

START

CONSIDER EACH PERSON IN FAMILY UNIT - FDPCH4 SAME FOR ALL

CAIND = 2,3

GO TO NEXT RECORD IN FAMILY UNIT

CAIND = 2,3

AGE = 2-4

YES

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

NO

WHEN COMPLETE

GO TO NEXT RECORD IN FAMILY UNIT

YES

NO

WHEN COMPLETE

FDPCH4 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED 2-4

Uses:
CAIND
AGE

Derive first:
CAIND
CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH9 SAME FOR ALL

IF CAIND = 2,3

IF AGE = 5-9

RECORD AS CHILD AGED 5-9, GO TO NEXT RECORD IN FAMILY UNIT

GO TO NEXT RECORD IN FAMILY UNIT

IF CAIND = 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

START

CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH15 SAME FOR ALL

CAIND=2,3

GO TO NEXT RECORD IN FAMILY UNIT

AGE=10-15

YES

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

WHEN COMPLETE

NO

FDPCH15 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED 10-15

WHEN COMPLETE

Uses:

CAIND
AGE

Derive first:

CAIND
CONSIDER EACH PERSON IN FAMILY UNIT – FDPCH16 SAME FOR ALL

CAIND=2,3

AGE<16

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

FDPCH16 = 00-29 COUNT ALL CHILDREN RECORDED AS AGED <16

GO TO NEXT RECORD IN FAMILY UNIT

WHEN COMPLETE

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

FDPCH19 = 00-29

COUNT ALL CHILDREN RECORDED AS AGED <19

YES

WHEN COMPLETE

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

YES

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

NO

FMDP = 0
NO FAMILIES WITH DEPENDENT CHILDREN

Uses:
FDPCH19
SMSXFU

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

START

READ IN ALL PERSONS IN HOUSEHOLD - FMNDP SAME FOR ALL

RELHFU=3

NO

FMNDP = 0
NO FAMILIES WITH NON-DEPENDENT CHILDREN ONLY

YES

FDPCH19=0

NO

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

NO

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

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

IS THERE SOMEONE WITH LIVWTH = 3
YES 1
NO

IS THERE SOMEONE WITH MARSTA = 6
YES
NO IS THERE MORE THAN ONE PERSON IN THE FAMILY
YES
NO

SEX = 1
NO
YES

FUTYPE6 = 2
ONE PERSON - FEMALE

FUTYPE6 = 1
ONE PERSON - MALE

IS THERE SOMEONE WITH RELHFU = 2 IN FAMILY
YES 2
NO

IS THERE SOMEONE WITH LIVWTH = 1
YES
NO

IS THERE SOMEONE WITH RELHFU = 3
YES
NO

FDPCH19 > 0
YES
NO

FUTYPE6 = 4
MARRIED COUPLE, NO CHILDREN

FUTYPE6 = 5
MARRIED COUPLE, NON-DEPENDENT CHILDREN ONLY

1

FUTYPE6 = 6
MARRIED COUPLE, DEPENDENT CHILDREN

Uses:
RELHFU
FDPCH19
FAMUNIT
LIVWTH
MARSTA
SMSXFU

Derive first:
RELHFU
FDPCH19
SMSXFU
HDC515 - Number of children in household aged between 5 and 15 years

1. Consider each person in household – HDC515 same for all
2. If CAIND > 1, then go to next record in household
   - If AGE = 5-15, then
     - Record as person aged between 5 and 15, go to next record in household
   - If AGE ≠ 5-15, then
     - Go to next record in household
3. If HDC515 = 00-29, then
   - Count all persons recorded with age between 5 and 15

Uses:
- CAIND
- AGE

Derive first:
- CAIND
HDPCH4 - Number of children in household aged 4 years or less

CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH4 SAME FOR ALL

START

CAIND > 1

NO

GO TO NEXT RECORD IN HOUSEHOLD

YES

AGE <= 4

NO

WHEN COMPLETE

YES

RECORD AS PERSON AGED 4 OR LESS. GO TO NEXT RECORD IN HOUSEHOLD

HDPCH4 = 00-29

COUNT ALL PERSONS RECORDED WITH AGE OF 4 OR LESS

WHEN COMPLETE

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

START

CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH18 SAME FOR ALL

CAIND > 1

NO

GO TO NEXT RECORD IN HOUSEHOLD

CAIND > 1

YES

AGE = 16-18

NO

WHEN COMPLETE

YES

RECORD AS PERSON AGED BETWEEN 16 AND 18. GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

HDPCH18 = 00-29

COUNT ALL PERSONS RECORDED WITH AN AGE BETWEEN 16 AND 18

Uses:
CAIND
AGE

Derive first:
CAIND
CONSIDER EACH PERSON IN HOUSEHOLD – HDPCH19 SAME FOR ALL

CAIND = 2-4

GO TO NEXT RECORD IN HOUSEHOLD

AGE < 19

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

HDPCH19 = 00-29 COUNT ALL CHILDREN RECORDED AGED < 19

WHEN COMPLETE

WHEN COMPLETE

Uses:
CAIND
AGE

Derive first:
CAIND
HEACOMB - Household economic activity

1. ALL PERSONS IN THE HOUSEHOLD ARE EMPLOYED
2. ALL PERSONS IN THE HOUSEHOLD ARE EITHER EMPLOYED, UNEMPLOYED OR INACTIVE
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 UNEMPLOYED OR INACTIVE
7. ALL PERSONS IN THE HOUSEHOLD ARE INACTIVE

Uses:
- HNEMP
- HNUNEMP
- HNINAC05

Derive first:
- HNEMP
- HNUNEMP
- HNINAC05
**HEAHEAD - Economic activity of head of family unit**

**Uses:**
- RELHFU
- INECAC05
- AGE

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

Uses:
RELHFU
INECAC05

Derive first:
RELHFU
INECAC05
IS THERE MORE THAN ONE PERSON IN HOUSEHOLD?

READ IN ALL MEMBERS OF HOUSEHOLD.

SAME FOR ALL.

ANY FUTYPE = 14, 15, OR 16

SAME SEX COHABITING COUPLE.

SAME SEX CIVIL PARTNERSHIP COUPLE.

NUMBER OF ADULTS = 1

NUMBER OF CHILDREN = 1

ONE OF 3

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

Derive first:
SMSXFU
FUTYPE6
CAIND

HLDCMP6X = 2
1 FEMALE 60+, NO CHILDREN

HLDCMP6X = 3
1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

HLDCMP6X = 5
1 ADULT, 2 OR MORE CHILDREN

HLDCMP6X = 4
1 ADULT, 1 CHILD

HLDCMP6X = 1
1 MALE 65+, NO CHILDREN

AGE = 16-64

AGE = 16-59

SEX = 1

ANY FUTYPE = 17, 18, OR 19

NUMBER OF ADULTS = 1

NUMBER OF CHILDREN = 1

HLDCMP6X = 2
1 FEMALE 60+, NO CHILDREN

HLDCMP6X = 3
1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

HLDCMP6X = 5
1 ADULT, 2 OR MORE CHILDREN

HLDCMP6X = 4
1 ADULT, 1 CHILD

HLDCMP6X = 1
1 MALE 65+, NO CHILDREN

AGE = 16-64

SAME SEX CIVIL PARTNERSHIP COUPLE

SAME SEX COHABITING COUPLE

ONE OF 3

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

Derive first:
SMSXFU
FUTYPE6
CAIND

HLDCMP6X = 2
1 FEMALE 60+, NO CHILDREN

HLDCMP6X = 3
1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

HLDCMP6X = 5
1 ADULT, 2 OR MORE CHILDREN

HLDCMP6X = 4
1 ADULT, 1 CHILD

HLDCMP6X = 1
1 MALE 65+, NO CHILDREN

AGE = 16-64

SAME SEX CIVIL PARTNERSHIP COUPLE

SAME SEX COHABITING COUPLE

ONE OF 3

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) (2 of 3)

1. NUMBER OF ADULTS = 2
   - YES
   - NO
   - NUMBER OF CHILDREN = 0
     - YES
     - NO
     - BOTH UNDER PENSIONABLE AGE (SEX=1 & AGE<65, SEX=2 & AGE<60)
       - YES
       - NO
       - BOTH WITH (MARSTA = 2) + (MARCHK = 1) + ONE SEX = 1 + ONE SEX = 2
         - YES
         - NO
         -HLDCMP6X = 6
           2 ADULTS MARRIED, UNDER PENSIONABLE AGE, NO CHILDREN
         - HLDCMP6X = 7
           2 ADULTS COHABITING, UNDER PENSIONABLE AGE, NO CHILDREN
   - NO
   - AT LEAST ONE (MARSTA = 2 & MARCHK = 1) & SEX = 1 & (MARSTA = 2 & MARCHK = 1) & SEX = 2
     - YES
     - NO
     - AT LEAST ONE LIVWTH = 1 & SEX = 1 & ONE LIVWTH = 1 & SEX = 2
       - YES
       - NO
       - NUMBER OF CHILDREN = 0
         - YES
         - NO
         - NUMBER OF CHILDREN = 0
           - YES
           - NO
           - NUMBER OF CHILDREN = 0
             - YES
             - NO
             - NUMBER OF CHILDREN = 1
               - YES
               - NO
               - NUMBER OF CHILDREN = 1
                 - YES
                 - NO
                 - NUMBER OF CHILDREN = 1
                   - YES
                   - NO
                   - NUMBER OF CHILDREN = 2
                     - YES
                     - NO
                     - HLDCMP6X = 8
                       OTHER 3+ ADULTS, 1 OR MORE CHILDREN
               - NO
               - HLDCMP6X = 19
                 3+ ADULTS (1 OR MORE MARRIED/COHABITING MALES WITH 1 OR MORE MARRIED/COHABITING FEMALES, WITH/WITHOUT OTHERS), NO CHILDREN
           - NO
           - HLDCMP6X = 20
             3+ ADULTS (AS 19), 1 OR 2 CHILDREN
     - NO
     - HLDCMP6X = 19
       3+ ADULTS (1 OR MORE MARRIED/COHABITING MALES WITH 1 OR MORE MARRIED/COHABITING FEMALES, WITH/WITHOUT OTHERS), NO CHILDREN
   - NO
   - HLDCMP6X = 21
     3+ ADULTS (AS 19), 3 OR MORE CHILDREN
   - NO
   - HLDCMP6X = 22
     OTHER 3+ ADULTS, NO CHILDREN

HLDCMP6X = 23
OTHER 3+ ADULTS, 1 OR MORE CHILDREN
HLDCMP6X - Composition of adults and children in household (based on old pensionable age) (3 of 3)

2

- BOTH WITH (MARSTA = 2) + (MARCHK = 1) + ONE SEX = 1 + ONE SEX = 2

  - NUMBER OF CHILDREN = 1
    - YES
      - HLDCMP6X = 10
        - 2 ADULTS, MARRIED, 1 CHILD
  - NUMBER OF CHILDREN = 2
    - NO
      - NO
      - YES
      - HLDCMP6X = 11
        - 2 ADULTS, MARRIED, 2 CHILDREN

- BOTH WITH LIVWTH = 1 + ONE SEX = 1 + ONE SEX = 2

  - NUMBER OF CHILDREN = 1
    - NO
      - NO
      - YES
      - HLDCMP6X = 12
        - 2 ADULTS, MARRIED, 3 OR MORE CHILDREN
  - NUMBER OF CHILDREN = 2
    - NO
      - YES
      - HLDCMP6X = 13
        - 2 ADULTS, COHABITING, 1 CHILD
    - NO
      - YES
      - HLDCMP6X = 14
        - 2 ADULTS, COHABITING, 2 CHILDREN

3

- BOTH WITH (MARSTA = 2) + (MARCHK = 1) + ONE SEX = 1 + ONE SEX = 2

  - NO
    - NO
    - NO
    - YES
    - HLDCMP6X = 17
      - OTHER 2 ADULTS, NOT MARRIED/COHABITING, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN

  - YES
    - NO
    - YES
    - HLDCMP6X = 8
      - 2 ADULTS, MARRIED, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN

  - YES
    - NO
    - YES
    - HLDCMP6X = 9
      - 2 ADULTS, COHABITING, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN
IS THERE MORE THAN ONE PERSON IN HOUSEHOLD

NO

SEEK

NO

AGE = 16-64

YES

AGE = 16-64

YES

YES

HLDCMP6Y = 1
1 MALE 65+, NO CHILDREN

HLDCMP6Y = 3
1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

1 ADULT UNDER PENSIONABLE AGE, NO CHILDREN

ANY FUTYPE6 = 14, 15, OR 16

NO

NO

NUMBER OF ADULTS = 1

NO

YES

YES

1

ANY FUTYPE6 = 17, 18, OR 19

NUMBER OF CHILDREN = 1

NO

YES

HLDCMP6Y = 24
SAME SEX COHABITING COUPLE

HLDCMP6Y = 25
SAME SEX CIVIL PARTNERSHIP COUPLE

HLDCMP6Y = 4
1 ADULT, 1 CHILD

HLDCMP6Y = 5
1 ADULT, 2 OR MORE CHILDREN

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

Derive first:
SMSXFU
FUTYPE6
CAIND

HLDCMP6Y = 2
1 FEMALE 65+, NO CHILDREN

HLDCMP6Y = 2
1 FEMALE 65+, NO CHILDREN
HLDCMP6Y - Composition of adults and children in household (based on new pensionable age) (2 of 3)

1. **NUMBER OF ADULTS = 2**
   - **NUMBER OF CHILDREN = 0**
     - **BOTH UNDER PENSIONABLE AGE (AGE < 65)**
       - **YES**: HLDCMP6Y = 6
         - 2 ADULTS MARRIED, UNDER PENSIONABLE AGE, NO CHILDREN
       - **NO**: HLDCMP6Y = 7
         - 2 ADULTS COHABITING, UNDER PENSIONABLE AGE, NO CHILDREN
     - **NO**: HLDCMP6Y = 23
       - OTHER 3+ ADULTS, 1 OR MORE CHILDREN
   - **NO**: HLDCMP6Y = 21
     - 3+ ADULTS (AS 19), 3 OR MORE CHILDREN
   - **NO**: HLDCMP6Y = 22
     - OTHER 3+ ADULTS, NO CHILDREN
   - **YES**: HLDCMP6Y = 19
     - 3+ ADULTS (1 OR MORE MARRIED/COHABITING MALES WITH 1 OR MORE MARRIED/COHABITING FEMALES, WITH/WITHOUT OTHERS), NO CHILDREN
   - **YES**: HLDCMP6Y = 20
     - 3+ ADULTS (AS 19), 1 OR 2 CHILDREN
   - **YES**: HLDCMP6Y = 16
     - OTHER 2 ADULTS NOT MARRIED/COHABITING, UNDER PENSIONABLE AGE, NO CHILDREN

2. **NUMBER OF CHILDREN = 0**
   - **YES**: HLDCMP6Y = 19
     - 3+ ADULTS (1 OR MORE MARRIED/COHABITING MALES WITH 1 OR MORE MARRIED/COHABITING FEMALES, WITH/WITHOUT OTHERS), NO CHILDREN
   - **NO**: HLDCMP6Y = 20
     - 3+ ADULTS (AS 19), 1 OR 2 CHILDREN
   - **NO**: HLDCMP6Y = 16
     - OTHER 2 ADULTS NOT MARRIED/COHABITING, UNDER PENSIONABLE AGE, NO CHILDREN

3. **BOTH UNDER PENSIONABLE AGE (AGE < 65)**
   - **YES**: HLDCMP6Y = 19
     - 3+ ADULTS (1 OR MORE MARRIED/COHABITING MALES WITH 1 OR MORE MARRIED/COHABITING FEMALES, WITH/WITHOUT OTHERS), NO CHILDREN
   - **NO**: HLDCMP6Y = 20
     - 3+ ADULTS (AS 19), 1 OR 2 CHILDREN
   - **NO**: HLDCMP6Y = 16
     - OTHER 2 ADULTS NOT MARRIED/COHABITING, UNDER PENSIONABLE AGE, NO CHILDREN
HLDCMP6Y - Composition of adults and children in household (based on new pensionable age) (3 of 3)

2

- BOTH WITH (MARSTA = 2) + (MARCHK = 1) + ONE SEX = 1 + ONE SEX = 2
  - NO
    - NUMBER OF CHILDREN = 1
      - NO
        - YES
          - HLDCMP6Y = 10
            - 2 ADULTS, MARRIED, 1 CHILD
      - YES
        - HLDCMP6Y = 11
          - 2 ADULTS, MARRIED, 2 CHILDREN
    - YES
      - HLDCMP6Y = 12
        - 2 ADULTS, MARRIED, 3 OR MORE CHILDREN

3

- BOTH WITH (MARSTA = 2) + (MARCHK = 1) + ONE SEX = 1 + ONE SEX = 2
  - NO
    - BOTH WITH LIVWTH = 1 + ONE SEX = 1 + ONE SEX = 2
      - NO
        - NUMBER OF CHILDREN = 1
          - NO
            - YES
              - HLDCMP6Y = 8
                - 2 ADULTS, MARRIED, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN
          - YES
            - HLDCMP6Y = 9
              - 2 ADULTS, COHABITING, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN
      - YES
        - NUMBER OF CHILDREN = 2
          - NO
            - YES
              - HLDCMP6Y = 17
                - OTHER 2 ADULTS, NOT MARRIED/COHABITING, AT LEAST ONE OF PENSIONABLE AGE, NO CHILDREN
          - YES
            - HLDCMP6Y = 18
              - OTHER 2 ADULTS, NOT MARRIED/COHABITING, 1 OR MORE CHILDREN

- BOTH WITH LIVWTH = 1 + ONE SEX = 1 + ONE SEX = 2
  - NO
    - NUMBER OF CHILDREN = 1
      - NO
        - YES
          - HLDCMP6Y = 13
            - 2 ADULTS, COHABITING, 1 CHILD
      - YES
        - NUMBER OF CHILDREN = 2
          - NO
            - YES
              - HLDCMP6Y = 14
                - 2 ADULTS, COHABITING, 2 CHILDREN
          - YES
            - HLDCMP6Y = 15
              - 2 ADULTS, COHABITING, 3 OR MORE CHILDREN
**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
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)

NO

HNEMP=0
NO-ONE IN HOUSEHOLD IS EMPLOYED

YES

HNEMP = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=1-4
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)

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

FTPT = 1
(FOR ANYONE IN HOUSEHOLD)

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

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)

NO

HNFTSTUD=0
NO-ONE IN HOUSEHOLD IS A FULL-TIME STUDENT

YES

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

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

YES

HNIWDSC = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=17
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)

NO

HNIWFAM=0

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

YES

HNIWFAM = 1-19

NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=7 OF 14
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

IF 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

-9 DNA

HNMF1664 = 0-16

YES

NO
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

AGE = 16 - 64

YES

NO

AGE = 16 - 64

YES

NO

RECORD AS MALE AGED 16-64

GO TO NEXT RECORD IN HOUSEHOLD

NO

AGE = 16-59

YES

NO

GO TO NEXT RECORD IN HOUSEHOLD

RECORD AS FEMALE AGED 16-59

GO TO NEXT RECORD IN HOUSEHOLD

0

GO TO NEXT RECORD IN HOUSEHOLD

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

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

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

YES

CURED8 = 4 – 13,-8,-9 (FOR ANYONE IN HOUSEHOLD)
HNPENX - Number of people in household who are of the \textit{old} pensionable age (male 65 plus, female 60 plus)

READ IN ALL PERSONS IN HOUSEHOLD - HNPENX SAME FOR ALL

START

SEX = 1

AGE >= 65

YES

RECORD AS AT OLD PENSIONABLE AGE

GO TO NEXT RECORD IN HOUSEHOLD

NO

AGE > 60

YES

RECORD AS AT OLD PENSIONABLE AGE

GO TO NEXT RECORD IN HOUSEHOLD

NO

AGE > 65

YES

RECORD AS AT OLD PENSIONABLE AGE

GO TO NEXT RECORD IN HOUSEHOLD

NO

0

GO TO NEXT RECORD IN HOUSEHOLD

WHEN COMPLETE

HNPENX = 0-19

NUMBER OF PEOPLE IN HOUSEHOLD WHO ARE OF THE OLD PENSIONABLE AGE

WHEN COMPLETE

Uses:

AGE

SEX
HNPENY - Number of people in household who are of new pensionable age (male and female 65 plus)

START

READ IN ALL PERSONS IN HOUSEHOLD - HNPENY SAME FOR ALL

AGE >= 65

NO

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

YES

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

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

YES

FTPT = 2 (FOR ANYONE IN HOUSEHOLD)

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

YES

HNPTIME = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=1-4 AND FTPT=2

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)

YES

HNUNEMP = 1-19
NUMBER OF PEOPLE IN HOUSEHOLD WITH INECAC05=5

NO

HNUNEMP = 0
NO-ONE IN HOUSEHOLD IS UN-EMPLOYED
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
**HOHID-Head of household identifier (1 of 2)**

**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
ELDESTHRPMREC: RECNO of oldest male with HRPID=1
ELDESTHRPF: Age of oldest female with HRPID=1
ELDESTHRPREC: RECNO of oldest person with HRPID=1 in the household
ELDESTSREC: RECNO of the male spouse of the oldest female
IS THERE MORE THAN ONE PERSON IN THE FAMILY

MARSTA = 2

RELHFU = 1
HEAD OF FAMILY UNIT

LIVWTH = 1

RELHFU = 1
HEAD OF FAMILY UNIT

RELHFU = 2
WIFE/PARTNER OF HEAD

SEX = 1

ANY OTHER LIVWTH = 1 IN FAMILY UNIT

RELHFU = 1
HEAD OF FAMILY UNIT

ANY OTHER MARSTA = 2 IN FAMILY UNIT

RELHFU = 1
HEAD OF FAMILY UNIT

RELHFU = 2
WIFE/PARTNER OF HEAD

RELHFU = 1
HEAD OF FAMILY UNIT

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

Uses:
SMSXFU
MARSTA
LIVWTH
AGE
RECNO
SEX
Derive first:
SMSXFU
RELHFU - Relationship to head of family unit (2 of 3)

1

MARSTA = 6

NO

LIVWTH=3

NO

2

YES

YES

RELHFU = 1
HEAD OF FAMILY UNIT

THERE IS ANOTHER PERSON IN THE FAMILY UNIT WITH MARSTA = 6 OR LIVWTH=3

NO

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

(PERSNO < PERSNO OF OTHER PERSON WITH MARSTA = 6 OR LIVWTH=3)

YES

NO

RELHFU = 2
WIFE/PARTNER OF HEAD

YES

NO

RELHFU = 1
HEAD OF FAMILY UNIT

NO

RELHFU = 2
WIFE/PARTNER OF HEAD

YES

NO

RELHFU = 1
HEAD OF FAMILY UNIT

NO

RELHFU = 1
HEAD OF FAMILY UNIT

NO

RELHFU = 1
HEAD OF FAMILY UNIT

YES

RELHFU = 2
WIFE/PARTNER OF HEAD

NO

RELHFU = 1
HEAD OF FAMILY UNIT
RELHFU - Relationship to head of family unit (3 of 3)

2

MARSTA = 3, 4, 5, 7, 8, 9

NO

ANY OTHER PERSONS
MARSTA = 2, 3, 4, 5 IN
FAMILY UNIT

NO

OLDEST
PERSON IN
FAMILY

NO

RELHFU = 3
CHILD OF HEAD

RELHFU = 1
HEAD OF FAMILY UNIT

RELHFU = 3
CHILD OF HEAD

RELHFU = 1
HEAD OF FAMILY UNIT
RELHRP6 - Relationship to Household Reference Person (2 of 2)

GRID REL OF HRP = 10 (FOSTER PARENT)
- NO
  - RELHRP6 = 5
    FOSTER CHILD
  - YES
    RELHRP6 = 22
    UNDEFINED

GRID REL OF HRP = 11 (PARENT-IN-LAW)
- NO
  - RELHRP6 = 6
    CHILD-IN-LAW
- YES
  - RELHRP6 = 17
    GRANDPARENT

GRID REL OF HRP = 12 (SIBLING)
- NO
  - RELHRP6 = 12
    BROTHER/SISTER
  - YES
  - RELHRP6 = 18
    OTHER RELATION

GRID REL OF HRP = 13 (STEP-SIBLING)
- NO
  - RELHRP6 = 13
    STEP BROTHER/SISTER
  - YES
  - RELHRP6 = 19
    OTHER NON-RELATIVE

GRID REL OF HRP = 14 (FOSTER SIBLING)
- NO
  - RELHRP6 = 14
    FOSTER BROTHER/SISTER
  - YES
  - RELHRP6 = 20
    CIVIL PARTNER

GRID REL OF HRP = 15 (SIBLING-IN-LAW)
- NO
  - RELHRP6 = 15
    BROTHER/SISTER-IN-LAW

GRID REL OF HRP = 16 (GRANDCHILD)
- NO
  - RELHRP6 = 16
    GRANDCHILD
  - YES
  - RELHRP6 = 17
    GRANDPARENT

GRID REL OF HRP = 17 (GRANDPARENT)
- NO
  - RELHRP6 = 17
    GRANDCHILD
  - YES
  - RELHRP6 = 18
    OTHER RELATION

GRID REL OF HRP = 18 (OTHER NON-RELATIVE)
- NO
  - RELHRP6 = 18
    OTHER NON-RELATIVE

GRID REL OF HRP = 19 (CIVIL PARTNER)
- NO
  - RELHRP6 = 19
    CIVIL PARTNER

GRID REL OF HRP = 20 (CIVIL PARTNER)
- NO
  - RELHRP6 = 20
    CIVIL PARTNER

GRID REL OF HRP = 22 (UNDEFINED)
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)

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

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

TOTFU = MAX(SMSXFU)

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

TOTNUM=1-16
COUNT ALL PERSONS IN HOUSEHOLD.

Uses:
IOUTCOME
CAIND
SEX

Note: cases that aren't counted of eligible have an IOUTCOME of 5 or missing SEX information, which shouldn't occur.

Derive first:
CAIND
TOTXFU - Total number of extended family units in the household

START

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

\[ \text{MAX(EXTFU)} < 0 \]

\[ \text{TOTXFU} \geq 0 \]

NO EXTENDED FAMILY UNITS IN HOUSEHOLD

\[ \text{TOTXFU} = 1-16 \]

MAX EXTFU

YES

Uses:

EXTFU

Derive first:

EXTFU
XFMDC - Total number of extended family units in the household with dependent children

START
READ IN ALL FAMILY UNITS IN HOUSEHOLD XFMDC SAME FOR ALL

ANY
FDPCH19>0

NO
XFMDC=0
NO EXTENDED FAMILIES IN HOUSEHOLD WITH DEPENDENT CHILDREN

YES

XFMDC=1-16
NUMBER OF DIFFERENT EXTENDED FAMILIES (EXTFU) WHERE FDPCH19>0

Uses:
EXTFU
FDPCH19

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

- **Uses:**
  - EXTfu
  - RELHFu
  - FDPCH19

- **Derive first:**
  - EXTfu
  - RELHFu
  - FDPCH19

**Flowchart Description:**
- **START**
  - READ IN ALL FAMILY UNITS IN HOUSEHOLD - XFMNDC SAME FOR ALL
  - FDPCH19 = 0
    - NO
    - RELHFU = 3
      - YES
      - XFMNDC = 1-16
        - NUMBER OF DIFFERENT EXTENDED FAMILY UNITS (EXTFU) WHERE RELHFU = 3 AND FDPCH19 = 0
      - NO
    - YES
      - XFMNDC = 0
        - NO EXTENDED FAMILIES IN HOUSEHOLD WITH NON-DEPENDENT CHILDREN ONLY
PERSON LEVEL AND BANDED DERIVED VARIABLES
Cases with an AGE=0 and DOBM ne 9 have AGEDFE=0
Cases with an AGEDFE>=99 AGEDFE is recoded to 99
AGEDFE-Age at preceding 31st August (3 of 3)

4

REFWKM=8

YES

NO

DOBM=1-7,9-12

YES

NO

DOBM=8 AND REFWKD>DOBD

YES

NO

AGEDFE=AGE

AGEDFE=AGE-1

5

REFWKM=9

YES

NO

DOBM=1-8,10-12

YES

NO

DOBM=9 AND REFWKD>DOBD

YES

NO

AGEDFE=AGE

AGEDFE=AGE-1

AGEDFE=AGE

AGEDFE=AGE-1

6

REFWKM=10

YES

NO

DOBM=1-8,11-12

YES

NO

DOBM=9

YES

NO

DOBM=10 AND REFWKD>DOBD

YES

NO

AGEDFE=AGE

AGEDFE=AGE-1

AGEDFE=AGE

AGEDFE=AGE-1

AGEDFE=AGE

AGEDFE=AGE

AGEDFE=AGE-1

AGEDFE=AGE

AGEDFE=AGE-1

AGEDFE=AGE
Uses:

- ED4WK
- FUTUR4
- ED13WK
- FUTUR13
CIGSMK16-Smoking Status

START

AGE<18

YES

4

Under 18

NO

CIGEVER=1

YES

CIGNOW=1

1

Current cigarette smoker

NO

CIGNOW=2

2

Ex-smoker

NO

CIGEVER=2

YES

3

Never smoked

NO

CIGEVER=8

YES

-8

NA

DNA

Uses:

AGE
CIGEVER
CIGNOW
CLAIMS14 – Whether claiming unemployment related benefits (1 of 2)

Start: NO

AGE <= 15: NO

AGE = 16 - 69: NO

WRKING = 1: NO

JBAWAY = 1: NO

OWNBUS = 1: NO

RELBUS = 1: NO

DNA

AGE: 16 - 69

WRKING = 1: NO

JBAWAY = 1: NO

OWNBUS = 1: NO

RELBUS = 1: NO

DNA

TPN13* = 5

YES

TPN13* = 1 and UCREDIT = 1

YES

UNEMBN* – 1 and UNEMBN* = 2

NO

NO

YES

7 Contributory JSA and UC for looking for work

5 National Insurance Credits Only

* 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)

Uses:

AGE
WRKING
JBAWAY
OWNBUS
RELBUS
TPBN13*
UCREDIT
UNEMBN*
JSATYP
CLAIMS14 – Whether claiming unemployment related benefits (2 of 2)

1. TPBN13*=1 and UCRREDIT=1
   - NO: No unemployment related benefits
   - YES
     - UNEMBN*=1 and UNEMBN>=2
       - NO
       - YES: National Insurance Credits Only

2. JSATYP=1
   - NO
   - YES: Contributory JSA only
   - JSATYP=2
     - NO
     - YES: Income based JSA only
   - JSATYP=3
     - NO
     - YES: Contributory and income based JSA
   - JSATYP=4-8
     - NO
     - YES
       - UNEMBN*=1 and UNEMBN>=2
         - NO: NA
         - YES: National Insurance Credits Only
CRYOX7 - Country of Birth (1 of 2)

Uses:
CRY12
CRYO7

1

START

CRY12 = 921-924, 926

CRY12 = 921-926

CRYO7 = 831-833, 931

CRY12 = 372

CRYO7 = 921-926

CRYO7 = 831-833, 931

CRY12 = 616

CRY12 = 356

CRY12 = 586

CRYO7 = Valid range

CRYO7 = -8 (not applicable)

616

POLAND

356

INDIA

586

PAKISTAN

CRYOX7 = CRY07

926

UK/GB

926

UK/GB

926

UK/GB

372

IRELAND
(REPUBLIC)

586

PAKISTAN

926

UK/GB

926

UK/GB

926

UK/GB

372

IRELAND
(REPUBLIC)
### Range of valid CRYO7 values

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<td>Venezuela</td>
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<td>156 China</td>
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<td>St Vincent And The Grenadines</td>
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<td>158 China (Taiwan)</td>
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**CRYOX7_EUL_MAIN - Country of Birth main categories**

![Flowchart Diagram]

**Uses:**
CRYOX7_EUL_SUB

**Derive first:**
CRYOX7_EUL_SUB
Uses: CRY12 CRYOX7
Derive first: CRYOX7
CRYOX7_EUL_SUB – Country of Birth Detailed Categories (3 of 3)

4


YES

11

SUB-SAHARAN AFRICA

NO

CRYOX7=12, 434, 478, 504, 729, 732, 736, 788, 818, 982

NO

CRYOX7=124, 581, 630, 840, 850, 985

NO

5

YES

12

NORTH AFRICA

NO

CRYOX7=10, 16, 36, 90, 162, 166, 184, 242, 258, 260, 296, 316, 334, 520, 540, 548, 554, 570, 574, 580, 583, 584, 585, 598, 612, 772, 776, 798, 876, 882, 989

NO

CRYOX7=-9

YES

13

NORTH AMERICA

NO

CRYOX7=-9

YES

14

CENTRAL AND SOUTH AMERICA

NO

CRYOX7=28, 32, 44, 52, 60, 68, 76, 84, 92, 136, 152, 170, 188, 192, 212, 214, 218, 222, 238, 239, 254, 308, 312, 320, 328, 332, 340, 388, 474, 484, 500, 530, 531, 533, 534, 535, 558, 591, 600, 604, 652, 659, 660, 662, 663, 666, 670, 740, 780, 796, 858, 862, 986, 987, 988

YES

15

OCEANIA

NO

DOES NOT APPLY

-8

NO ANSWER

-9

DOES NOT APPLY
CURED8 - Current Education Received (1 of 2)

Uses:
- AGE
- WRKING
- JBAWAY
- OWNBUS
- RELBUS
- COURSE
- ATTEND
- ENROLL

START

AGE <= 15

AGE = 70-99

YES

WRKING = 1

YES

JBAWAY = 1

YES

OWNBUS = 1

YES

RELBUS = 1

YES

DNA

NO

NO

NO

NO

NO

NO

NO

STOP

1

COURSE = 1

NO

COURSE = 3

NO

COURSE = 4

NO

COURSE = 2

NO

COURSE = 5

NO

COURSE = 6

NO

COURSE = 7

NO

2

FULL-TIME AT SCHOOL

FULL TIME AT UNIV/POLY OR COLLEGE

PART-TIME AT SCHOOL

TRAINING IN NURSING ETC

PART TIME AT UNIV/POLY OR COLLEGE

OPEN COLLEGE

Uses:
- AGE
- WRKING
- JBAWAY
- OWNBUS
- RELBUS
- COURSE
- ATTEND
- ENROLL
CURED8 - Current Education Received (2 of 2)

2

- COURSE = 8
  - YES:
    - 8 OPEN UNIVERSITY
  - NO:
    - COURSE = 9, 10
      - YES:
        - 9 OTHER CORRESPONDENCE COURSE
      - NO:
        - ATTEND = 1, 2
          - YES:
            - 10 COURSE NOT STATED
          - NO:
            - ATTEND = 3
              - YES:
                - 11 ENROLLED BUT NOT ATTENDING COURSE
              - NO:
                - ATTEND = -8
                  - YES:
                    - 12 ENROLLED BUT NOT STATED IF ATTENDING COURSE
                  - NO:
                    - ENROLL = 2
                      - YES:
                        - 13 NOT ENROLLED ON COURSE
                      - NO:
                        - NA
DIFFHR6 - Why different hours from usual worked in reference week (1 of 2)

Uses:
- AGE
- TYPSC12
- 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)

1. YLESS6 = 1
   - YES: 2 HOURS VARY
   - NO: YLESS6 = 2
2. YLESS6 = 2
   - YES: 3 BANK HOLIDAY
   - NO: YLESS6 = 3
3. YLESS6 = 3
   - YES: 4 MOTHER PATERNITY LEAVE
   - NO: YLESS6 = 4
4. YLESS6 = 4
   - YES: 5 PARENTAL LEAVE
   - NO: YLESS6 = 5
5. YLESS6 = 5
   - YES: 6 OTHER LEAVE/HOLIDAY
   - NO: YLESS6 = 6
6. YLESS6 = 6
   - YES: 7 SICK OR INJURED
   - NO: YLESS6 = 7
7. YLESS6 = 7
   - YES: 8 TRAINING COURSE
   - NO: YLESS6 = 8
8. YLESS6 = 8
   - YES: 9 STARTED/CHANGED JOB
   - NO: YLESS6 = 9
9. YLESS6 = 9
   - YES: 10 ENDED JOB
   - NO: YLESS6 = 10
10. YLESS6 = 10
    - YES: 11 BAD WEATHER
    - NO: YLESS6 = 11
11. YLESS6 = 11
    - YES: 12 LABOUR DISPUTE
    - NO: YLESS6 = 12
12. YLESS6 = 12
    - YES: 13 ECONOMIC/OTHER CAUSES
    - NO: YLESS6 = 13
13. YLESS6 = 13
    - YES: 14 PERSONAL/FAMILY
    - NO: YLESS6 = 14
14. YLESS6 = 14
    - YES: 15 OTHER REASONS
    - NO: YLESS6 = 15
15. YLESS6 = 15
    - YES: 16 NO REASON GIVEN
    - NO: YLESS6 = 16
16. YLESS6 = 16
    - YES: NO REASON GIVEN
    - NO: YLESS6 = 17

This diagram outlines the reasons why different hours from usual were worked in the reference week, with yes/no decisions leading to specific outcomes.
DISEA – Disability: equality act (GSS harmonised)

START

AGE<16

YES

-9
DNA

NO

LNGLST=1

YES

-9
N/A

NO

LNGLST=2

YES

2
NOT (EQUALITY ACT) DISABLED

NO

LNGLST=8, 3, 4

YES

-8
DON'T KNOW/REFUSAL

Uses:
AGE
LNGLST
LIMACT

LNGLST=1

NO

LIMACT=1,2

YES

1
(EQUALITY ACT) DISABLED

NO

LIMACT = 3

YES

2
NOT (EQUALITY ACT) DISABLED

NO

LIMACT = -8

YES

-8
DON'T KNOW/REFUSAL

NO

-9
N/A
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
DURUN2 - Duration of ILO unemployment (2 of 2)

1. LKTIMA = 1-3 NO LKTIMB = 1-3 NO WN2LFT11 = 1 NO LKTIMA = 4 NO LKTIMB = 4 NO WN2LFT11 = 2 NO LKTIMA = 5 NO LKTIMB = 5 NO WN2LFT11 = 3 NO

2. LKTIMA = 1-3 NO LKTIMB = 1-3 NO WN2LFT11 = 1 NO LKTIMA = 4 NO LKTIMB = 4 NO WN2LFT11 = 2 NO LKTIMA = 5 NO LKTIMB = 5 NO WN2LFT11 = 3 NO

3. LKTIMA = 6 NO LKTIMB = 6 NO WN2LFT11 = 4 NO LKTIMA = 7 NO LKTIMB = 7 NO WN2LFT11 = 5 NO LKTIMA = 8 NO LKTIMB = 8 NO WN2LFT11 = 6 NO

4. LKTIMA = 9 NO LKTIMB = 9 NO WN2LFT11 = 7 NO LKTIMA = 10 NO LKTIMB = 10 NO WN2LFT11 = 8 NO LKTIMA = 11 NO LKTIMB = 11 NO WN2LFT11 = 9 NO

5. LKTIMA = 9 NO LKTIMB = 9 NO WN2LFT11 = 7 NO LKTIMA = 10 NO LKTIMB = 10 NO WN2LFT11 = 8 NO LKTIMA = 11 NO LKTIMB = 11 NO WN2LFT11 = 9 NO

6. LKTIMA = 9 NO LKTIMB = 9 NO WN2LFT11 = 7 NO LKTIMA = 10 NO LKTIMB = 10 NO WN2LFT11 = 8 NO LKTIMA = 11 NO LKTIMB = 11 NO WN2LFT11 = 9 NO

-8 NA

1. 1 < 3 MTHS

2. => 3 MTHS BUT < 6 MTHS

3. => 6 MTHS BUT < 12 MTHS

4. => 1 YR BUT < 18 MTHS

5. => 18 MTHS BUT < 2 YRS

6. => 2 YRS BUT < 3 YRS

7. => 3 YRS BUT < 4 YRS

8. => 4 YRS BUT < 5 YRS

9. => 5 YRS

NO
EDUCLEV16: Level of the current education or training (ISCED11) (Page 3 of 8)
EDUCLEV16: Level of the current education or training (ISCED11)

12 → QULH11=14 → YES
   → NVQLE11=4,5 → NO
   → NVQLE11=2,3 → NO
   → NVQLE11=1 → NO
   → NVQLE11=6 → NO
   → ISCED 3
   → YES
   → ISCED 5
   → ISCED 3
   → ISCED 2

13 → NVNWACD=2,3 → NO
   → ISCED 3
   → YES
   → NVNWLEV=4,5,6,7,8
   → YES
   → ISCED 5
   → ISCED 3
   → ISCED 2
   → NO
   → NVNWLEV=1,2,9
   → YES
   → ISCED 3

   → NO
   → NVNWLEV=3,4
   → YES
   → ISCED 5
   → ISCED 3
   → ISCED 2
   → NO
   → NVNWLEV=5,6,7,8
   → YES
   → ISCED 5
   → ISCED 3
   → ISCED 2

   → NO
   → NVNWLEV=1,2,9
   → YES
   → ISCED 3

   → NO
   → NVNWACD=1
   → NO
   → ISCED 3

   → YES
   → ISCED 3

   → NO
   → ISCED 3

   → YES
   → ISCED 3

   → NO
   → ISCED 3
**EDUCLEV16: Level of the current education or training (ISCED11)**

1. **APPRCURR=1** → NO → QULHI11=31 → NO → QULHI11=27,28,29 → NO → 8
   - NA

   - ISCED 3 → YES
   - ISCED 3
   - ISCED 2

**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

Start date: Jan 2016

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))
EHATFLD16: Field of highest level of education or training successfully completed

PAGE 2 OF 8

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

Start date: Jan 2016

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 showing a flowchart with decision points for different levels of education or training (FDSNGDEG) and corresponding codes (0500, 0900, 1000, etc.) based on yes or no responses.

- FDSNGDEG = 2.2
- FDSNGDEG = 2
- FDSNGDEG = 3.6
- FDSNGDEG = 3.8
- FDSNGDEG = 3
- FDSNGDEG = 4.6
- FDSNGDEG = 4
- FDSNGDEG = 5
- FDSNGDEG = 6.4, 6.5, 6.6, 6.7
- FDSNGDEG = 6.9
- FDSNGDEG = 6
- FDSNGDEG = 7.6, 9
- FDSNGDEG = 10.5
- FDSNGDEG = 10
- FDSNGDEG = 11
- FDSNGDEG = 12.8
- FDSNGDEG = 1
- FDSNGDEG = 13.3
- FDSNGDEG = 12
- FDSNGDEG = 13
- FDSNGDEG = 14-18
- FDSNGDEG = 19
- FDSNGDEG = 1
- 9998
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

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
EHATLEV15 Educational attainment level (ISCED11) 1 of 2

Start date: Jan 2016

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 (inc 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
EHA TVOC15: Orientation of programme completed at the highest education level

Use:
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**

**KEY**
The 4 digits of year when highest level of education or training was successfully completed are entered

9999  Not applicable
BLANK  No answer

**Uses:**
- AGE
- E Hayes15
- YEQAL1
- YEQAL2
- YEQAL3
- EYOB
- REFWKY
- HIQUAL15

**Derive first:**
- E Hayes15
- HIQUAL15
EMPLEN - Length of time with current employer / self-employed

START

- EMPMON = -9
  - YES -> -9 DNA

  - NO -> EMPMON = 0-2
    - YES -> EMPMON = LESS THAN 3 MONTHS
    - NO -> EMPMON = 3-5
      - YES -> EMPMON = LESS THAN 6 MONTHS
      - NO -> EMPMON = 6-11
        - YES -> EMPMON = LESS THAN 12 MONTHS
        - NO -> EMPMON = 12-23
          - YES -> EMPMON = LESS THAN 2 YRS
          - NO -> EMPMON = 24-59
            - YES -> EMPMON = LESS THAN 5 YRS
            - NO -> 1

  - EMPMON = 1
    - YES -> 1

  - EMPMON = NO
    - NO -> EMPPM = 60-119
      - YES -> 6 YRS BUT LESS THAN 10 YRS

      - NO -> EMPPM = 120-239
        - YES -> 10 YRS BUT LESS THAN 20 YRS

      - NO -> EMPPM = 240
        - YES -> 20 YRS OR MORE

      - NO -> NA

Uses:
EMPMON
Derive first:
EMPMON
EMPMON- Number of months worked continuously with current employer/as self-employed

Uses:
- AGE
- WRKING
- JBAWAY
- OWNBUS
- RELBUS
- TYPSCH12
- YTETJB
- STAT
- CONMPY
- CONSEY
- CONMON

EMPMON = (REFWKY - CONMPY) * 12

EMPMON = (REFWKY - CONSEY) * 12

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

Valid from April 2011

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

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

ETHEW18 = 5 NO
YES
ETH11EW = 7
YES
ETH11EW = 6 NO
YES
ETH11EW = 8
YES
ETH11EW = 9
YES
ETH11EW = 10
YES
ETH11EW = 11
YES
ETH11EW = 12
YES
ETH11EW = 13
YES
ETH11EW = 14
YES
ETH11EW = 15
YES
ETH11EW = 16
YES
ETH11EW = 17
YES
ETH11EW = 18
ETHEWEUL – Ethnicity (16 categories) England and Wales level (1 of 2)

Valid from April 2011
ETHEWEUL – Ethnicity (16 categories) England and Wales level (2 of 2)

Valid from April 2011

ETHEWEUL = 16

Uses:
- COUNTRY
- ETHWEHE
- 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'
Uses:
- COUNTRY
- ETHWHE
- ETHWHW
- ETHWSC
- ETH11EW
- ETH11S
- ETHAS11
- ETHAS11S

Uses:
- COUNTRY
- ETHWHE
- ETHWHW
- ETHWSC
- ETH11EW
- ETH11S
- ETHAS11
- ETHAS11S

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
ETHGBEUL – Ethnicity (11 categories) GB level (1 of 1)

Valid from April 2011

START

COUNTRY = 5

YES

ETHGBEUL = -9

NO

ETHWHE OR ETHWHW = 3 OR
4 OR (ETHWSC = 4
OR 5 OR 6)

NO

ETHGBEUL = 3

YES

ETHWHE OR ETHWHW = 1 OR
2 OR (ETHWSC = 4
OR 1 OR 2)

NO

ETHGBEUL = 1

YES

ETHWHE OR ETHWHW = 2 OR
ETHWSC = 3

NO

ETHGBEUL = 2

YES

ETH11EW OR
ETH11S = 2

NO

ETHGBEUL = 4

YES

ETHAS11 = 1 OR
ETHAS11S = 2

NO

ETHGBEUL = 5

ETHAS11 = 2 OR
ETHAS11S = 1

NO

ETHAS11 = 3 OR
ETHAS11S = 3

NO

ETHAS11 = 4 OR
ETHAS11S = 4

NO

ETHAS11 = 5

NO

ETHAS11 = 4 OR
ETHAS11S = 5

NO

ETHAS11 = 4 OR
(ETH11S = 4 OR 5)

YES

ETHGBEUL = 2

YES

ETH11EW = 6

NO

ETH11EW = 7

NO

ETHGBEUL = 11

YES

ETHGBEUL = -8

Uses:

- COUNTRY
- ETHWHE
- ETHWHW
- ETHWSC
- ETH11EW
- ETH11S
- ETHAS11
- ETHAS11S

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'
**ETHUK11 – Ethnicity (11 categories) UK level (1 of 1)**

Valid from April 2011

---

**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. Any other Asian background
8. Black/African/Caribbean/Black British
9. 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'

---

**Uses:**
- ETHWHE
- ETHWHW
- ETHWSC
- ETH11EW
- ETH11S
- ETH11NI
- ETHAS11
- ETHAS11S
FLED10 - Type of agreed working arrangements

START

-9 DNA

1 FLEXI-TIME

2 ANNUALISED HOURS CONTRACT

3 TERM TIME WORKING

4 JOB SHARING

5 NINE DAY FORTNIGHT

1

-8 NA

6 FOUR AND A HALF DAY WEEK

7 ZERO HOURS CONTRACT

8 ON-CALL WORKING

9 NONE OF THESE

10 DON'T KNOW

Uses:

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

START

- ALL FLEX10 (1-3) = 9
  - NO
    - FLEXW1 = -9 (DNA)
  - YES
    - FLEXW1 = -9 (DNA)

- ANY FLEX10 (1-3) = 1
  - NO
    - DOES NOT WORK FLEXI-TIME
  - YES
    - WORKS FLEXI-TIME

Uses:

FLEX10
FLEXW2 - Whether respondent works to annualised hours contract

START

ALL FLEX10 (1-3) = -9

NO

YES

FLEXW2= -9 (DNA)

ALL FLEX10 (1-3) = 2

NO

YES

FLEXW2= 1

WORKS TO ANNUALISED HOURS CONTRACT

FLEXW2= 2

DOES NOT WORK ANNUALISED HOURS CONTRACT

Uses:

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

START

1. ALL FLEX10 (1-3) = -9
   - NO
   - YES
      - FLEXW3 = -9 (DNA)

2. ANY FLEX10 (1-3) = 3
   - NO
   - YES
      - FLEXW3 = 1
        - WORKS TO TERM TIME

3. FLEXW3 = 2
   - DOES NOT WORK IN TERM TIME

Uses:

FLEX10
FLEXW4 - Whether respondent's work involves job sharing

START

ALL FLEX10
(1-3) = -9

NO

ANY FLEX10
(1-3) = 4

NO

FLEXW4 = 2
DOES NOT JOB SHARE

YES

FLEXW4 = -9 (DNA)

YES

FLEXW4 = 1
JOB SHARING

Uses:
FLEX10
FLEXW5 - Whether respondent works a nine day fortnight

START

ALL FLEX10 (1-3) = -9

NO

FLEXW5 = -9 (DNA)

YES

FLEXW5 = 1

WORKS A NINE DAY FORTNIGHT

NO

ANY FLEX10 (1-3) = 5

NO

FLEXW5 = 2

DOES NOT WORK A NINE DAY FORTNIGHT

YES

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

Uses:
FLEX10

FLEXW6 = 2
DOES NOT WORK A FOUR AND A HALF DAY WEEK

FLEXW6 = 1
WORKS A FOUR AND A HALF DAY WEEK

FLEXW6 = -9 (DNA)
FLEXW7 - Whether respondent works zero hours contract

START

ALL FLEX10
(1-3) = -9

NO

ANY FLEX10
(1-3) = 7

NO

NO

YES

YES

FLEXW7 = 9(DNA)

FLEXW7 = 1

WORKS A ZERO HOURS CONTRACT

FLEXW7 = 2

DOES NOT WORK A ZERO HOURS CONTRACT

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

START

ALL FLEX10 (1-3) = -9

FLEXW8 = -9 (DNA)

NO

ANY FLEX10 (1-3) = 9

NO

FLEXW8 = 1

WORKS NONE OF THE WORKING PATTERNS DESCRIBED

YES

FLEXW8 = 2

WORKS ONE OR MORE SPECIFIED ARRANGEMENTS OR REPLIED "DON'T KNOW"

YES

FLEX10

Uses:

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

START

ALL FLEX10 (1-3) = -9

YES

FLEXW9 = -9 (DNA)

NO

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

YES

FLEXW9 = 1

DOESN'T KNOW WHICH AGREED WORKING ARRANGEMENTS ARE WORKED

NO

REPLIED OTHER THAN 'DON'T KNOW'

FLEXW9 = 2

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
YTETJB
OWNBUS
RELBUS
FTPTWK
FTPT - Whether working full or part time (2 of 2)

1. **TYP SCH12**
   - = 6 OR 7: NO → DNA
   - YES → **YTET JB**
     - = 1: NO → DNA
     - YES → **FTPT WK**
       - = 1: NO → DNA
       - YES → PART-TIME

2. **TYP SCH12**
   - = 4, 10, 11 OR 97: NO → DNA
   - YES → **YTET JB**
     - = 1: NO → DNA
     - YES → **FTPT WK**
       - = 1: NO → DNA
       - YES → PART-TIME WORK ADDITIONAL TO GOVERNMENT SCHEME

3. **FTPT WK**
   - = 2: NO → DNA
   - YES → PART-TIME WORK ADDITIONAL TO GOVERNMENT SCHEME

4. **FTPT WK**
   - = 3: NO → DNA
   - YES → DNA

5. **FTPT WK**
   - = 8: NO → DNA
   - YES → DNA

6. **FTPT WK**
   - = 9: NO → DNA
   - YES → DNA
GB - Great Britain/Northern Ireland

START

URESMC >= 1 & URESMC <= 19

NO

URESMC = 20

NO

YES

YES

1

Great Britain

2

Northern Ireland

-8

NA
**GCSEFUL4 – GCSE44 including inferred responses**

**Uses:**
- GCSE44
- 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

**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. -9 Not applicable

**Updated January 2015**
GCSEFUL5 – GCSE45 including inferred responses

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
Uses:
GCSE46
QUAL_21
QUAL_22
QUAL_20
QUAL_34
TYPHST(1-5)
QGCSE41

Derive first:
QUAL_21
QUAL_22
QUAL_20
QUAL_34
TYPHST(1-5)
QGCSE41

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

Uses:
RESTME
RESMTH
RESBBY
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, 32UG, 32UH, 34UB, 34UC, 34UD, 34UE, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UJ

UALD3 = JA, KA, KG, KJ, KO, 09UC, 09UD, 09UE, 12UB, 12UC, 12UD, 12UE, 12UG, 22UB, 22UC, 22UD, 22UE, 22UG, 22UH, 22UJ, 22UK, 22UL, 22UN, 22UQ, 26UB, 26UC, 26UD, 26UE, 26UG, 26UH, 26UJ, 26UK, 26UL, 33UB, 33UC, 33UD, 33UE, 33UG, 33UH, 34UB, 42UC, 42UD, 42UE, 42UF, 42UG, 42UH

UALD3 = LC, MA, MB, MC, MD, ME, MF, MG, ML, MR, MS, MW, 11UB, 11UC, 11UE, 11UF, 21UC, 21UD, 21UF, 21UG, 21UH, 24UB, 24UC, 24UD, 24UE, 24UF, 24UG, 24UH, 24UJ, 24UL, 24UN, 24UP, 29UB, 29UC, 29UD, 29UE, 29UG, 29UH, 29UK, 29UL, 29UM, 29UN, 29UP, 29UG, 38UB, 38UC, 38UD, 38UE, 38UF, 43UB, 43UC, 43UD, 43UE, 43UF, 43UG, 43UH, 43JJ, 43JK, 43LJ, 43UL, 43UM, 45UB, 45UC, 45UD, 45UE, 45UF, 45UG, 45UH

GOR3 = 09 EAST MIDLANDS

GOR3 = 12 EAST OF ENGLAND

GOR3 = 13 INNER LONDON

GOR3 = 14 OUTER LONDON

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

UALD3 = NA, NC, NE, NG, NJ, NL, NN, NQ, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

UALD3 = QD, QG, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF

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

UALD3 = 010-260, 460

GOR3 = 17
WALES

GOR3 = 18
STRATHCLYDE

GOR3 = 19
REST OF SCOTLAND

GOR3 = 20
NORTHERN IRELAND

ANY UNDEFINED VALUE OF GOR3 IS AN ERROR
GORONE - Region of Residence one year ago (based on GORs) (3 of 4)

- **GORONE = 10 WEST MIDLANDS METROPOLITAN**
- **GORONE = 11 REST OF WEST MIDLANDS**
- **GORONE = 03 GREATER MANCHESTER**
- **GORONE = 04 MERSEYSIDE**
- **GORONE = 05 REST OF NORTH WEST**
GORONE - Region of Residence one year ago (based on GORs) (4 of 4)

6

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

NO

YES

GORONE = 17 WALES

7

UALDO = QD, QG, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF

NO

YES

GORONE = 18 STRATHCLYDE

UALDO = QA, QB, QC, QE, QF, CH, CJ, OM, OP, QQ, QR, QT, OW, QX, RA, RB, RD, RG, RH, RJ

NO

YES

GORONE = 19 REST OF SCOTLAND

UALDO = 010-260, 460

NO

YES

GORONE = 20 NORTHERN IRELAND

ANY UNDEFINED VALUE OF GORONE IS AN ERROR
GORWK2R - Region of place of work of second job (1 of 5)

START

STAT2 = 1,2,4

GOVRWK2 = -9 (DNA)

YES

HOME2 = 4,-8,-9

NO

GOVTOR = 13,14

NO

GOVTOR = 1-12

NO

GORWK2 = GOVOTR + 1

YES

GORWK2 = GOVOTR

NO

22

GORWK2 = WORKPLACE OUTSIDE UK

NO

WKPL299 = 999997

UALDWK2

NO

NO

YES

UALD99 and LADWAD = List A

NO

NO

YES

14

GORWK2 = INNER LONDON

YES

15

GORWK2 = OUTER LONDON

NO

13

GORWK2 = CENTRAL LONDON

NO

Uses:

STAT2
HOME2
GOVTOR
UALDWK2
WKPL299
UALAD99
LADWAD

Derive First:

GOVTOR
UALDWK2
WKPL299
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,20UU,35UB,35UC,35UD,35UE,35UF,35UG
   NO → UALDWK2 = CC,CE,CF,CG
   YES → GORWR2 = REST OF NORTH EAST

2. UALDWK2 = CC,CE,CF,CG
   NO → UALDWK2 = CX,CY,CZ,DA,DB
   YES → GORWR2 = SOUTH YORKSHIRE

3. UALDWK2 = CX,CY,CZ,DA,DB
   NO → UALDWK2 = FA,FB,FC,FD,FF,36UB,36UC,36UD,36UE,36UF,36UG,36UH
   YES → GORWR2 = REST OF YORKSHIRE & HUMBERSIDE

4. UALDWK2 = FA,FB,FC,FD,FF,36UB,36UC,36UD,36UE,36UF,36UG,36UH
   NO → UALDWK2 = JA,KA,KF,KG,09UD,09UE,12UB,12UC,12UD,12UE,12UG,22UB,22UC,22UD,22UE,22UF,22UG,22UH,22UU,22UK,22UL,22UN,22UQ,26UB,26UC,26UD,26UE,26UG,26UH,26UU,26UK,26UL,33UB,33UC,33UD,33UE,33UF,33UG,33UH,34UB,34UC,34UD,34UE,34UG,34UH,37UB,37UC,37UD,37UE,37UF,37UG,37UJ
   YES → GORWR2 = EAST MIDLANDS

5. UALDWK2 = JA,KA,KF,KG,09UD,09UE,12UB,12UC,12UD,12UE,12UG,22UB,22UC,22UD,22UE,22UF,22UG,22UH,22UU,22UK,22UL,22UN,22UQ,26UB,26UC,26UD,26UE,26UG,26UH,26UU,26UK,26UL,33UB,33UC,33UD,33UE,33UF,33UG,33UH,42UB,42UC,42UD,42UE,42UF,42UG,42UH
   NO → GORWR2 = EAST OF ENGLAND
   YES → GORWR2 = EAST OF ENGLAND

6. GORWR2 = SOUTH YORKSHIRE

7. GORWR2 = WEST YORKSHIRE

8. GORWR2 = REST OF YORKSHIRE & HUMBERSIDE
### LIST A

<table>
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<td>BE (LAMBETH)</td>
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### LIST B

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<td>AA (CITY OF LONDON)</td>
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GORWKR - Region of place of work (1 of 5)

Uses:
- STATR
- HOME
- GOVTOR
- UALDWK
- WKPL99
- UALAD99
- LADWAD

Derive First:
- GOVTOR
- UALDWK
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<td>121763, 121996, 123046</td>
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GOVTOF - Government Office Regions - Summary (2 of 3)
GOVTOF - Government Office Regions - Summary (3 of 3)

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, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RJ

UALAD99= 010-260

If UALAD99= 010-260, NO

If ANY UNDEFINED VALUE OF GOR IS AN ERROR

YES

UALAD99= 99

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

UALAD99= 010-260

11

WALES

YES

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

UALAD99= 010-260

12

SCOTLAND

YES

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

UALAD99= 010-260

13

NORTHERN IRELAND

YES

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

UALAD99= 010-260

NO

ANY UNDEFINED VALUE OF GOR IS AN ERROR

NO
GOVTOF2 - Government Office Regions - (2 & 3 combined) (3 of 3)

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, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RJ

UALAD99 = 010-260

11 WALES
12 SCOTLAND
13 NORTHERN IRELAND

ANY UNDEFINED VALUE OF GOR IS AN ERROR
UALAD99 = LC, MA, MB, MC, MD, ME, MF, MG, ML, MR, MS, MW, 11UB, 11UC, 11UE, 11UF, 21UC, 21UD, 21UF, 21UG, 21UH, 24UB, 24UC, 24UD, 24UE, 24UF, 24UG, 24UH, 24UL, 24UN, 24UP, 29UB, 29UC, 29UD, 29UE, 29UG, 29UH, 29UK, 29UL, 29UN, 29UP, 29UQ, 38UB, 38UC, 38UD, 38UE, 38UF, 43UB, 43UC, 43UD, 43UE, 43UF, 43UG, 43UH, 43UL, 43UM, 45UB, 45UC, 45UD, 45UE, 45UF, 45UG, 45UH

UALAD99 = 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

UALAD99 = NA, NC, NE, NG, NJ, NL, NN, NO, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

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

UALAD99 = QA, QB, QC, QE, QF, QH, QJ, QM, OP, QQ, QR, QT, QW, QX, RA, RB, RD, RG, RH, RJ

UALAD99 = 010-260

ANY UNDEFINED VALUE OF GOR IS AN ERROR

UALAD99 = 99

UALAD99 = LC, MA, MB, MC, MD, ME, MF, MG, ML, MR, MS, MW, 11UB, 11UC, 11UE, 11UF, 21UC, 21UD, 21UF, 21UG, 21UH, 24UB, 24UC, 24UD, 24UE, 24UF, 24UG, 24UH, 24UL, 24UN, 24UP, 29UB, 29UC, 29UD, 29UE, 29UG, 29UH, 29UK, 29UL, 29UN, 29UP, 29UQ, 38UB, 38UC, 38UD, 38UE, 38UF, 43UB, 43UC, 43UD, 43UE, 43UF, 43UG, 43UH, 43UL, 43UM, 45UB, 45UC, 45UD, 45UE, 45UF, 45UG, 45UH

UALAD99 = 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

UALAD99 = NA, NC, NE, NG, NJ, NL, NN, NO, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

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

UALAD99 = QA, QB, QC, QE, QF, QH, QJ, QM, OP, QQ, QR, QT, QW, QX, RA, RB, RD, RG, RH, RJ

UALAD99 = 010-260

ANY UNDEFINED VALUE OF GOR IS AN ERROR
GRSSWK - Gross Weekly Pay in Main Job (Applies to all employees & those on schemes) (1 of 4)

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

Uses:
- STAT
- EVERWK
- TYPSCH12
- INCNOW
- GROSS99
- GRSPRD
- GRSEX
- BANDG

1

GROSS99 = 0-99995

YES

4

GRSSWK = AMNTWK

GRSPRD = 7

YES

GRSSWK = (GROSS99/52)

YES

GRSSWK = (GROSS99/6/52)

YES

GRAWSWK

GROSS99

GRSSWK = (GROSS99/4)

YES

GRSSWK = (GROSS99/3)

YES

GRSSWK = (GROSS99/2)

YES

GRSSWK = GROSS99
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

YES

YES

YES

YES

YES

YES

YES

YES

GRSSWK = (GROSS99*8/52)

GRSSWK = (GROSS99*9/52)

GRSSWK = (GROSS99*10/52)

GRSSWK = (GROSS99*4/52)

GRSSWK = (GROSS99*2/52)

GRSSWK = (GROSS99/52)

GRSSWK = (GROSS99*2)

3

GRSPRD = 95

NO

GRSPRD = 97

NO

GRSPRD = -8

NO

GRSPRD = -9

NO

4

YES

YES

YES

YES

GRSSWK = -8

NA

GRSSWK = -8

NA

GRSSWK = -8

NA

GRSSWK = -9

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

5
   △ GRSPRD = 10
      NO
      YES
      GRSSWK = GRSEXPA10/52

   △ GRSPRD = 13
      NO
      YES
      GRSSWK = GRSEXPA4/52

   △ GRSPRD = 26
      NO
      YES
      GRSSWK = GRSEXPA2/52

   △ GRSPRD = 52
      NO
      YES
      GRSSWK = GRSEXPA/52

   △ GRSPRD = 90
      NO
      YES
      GRSSWK = GRSEXPA2

6
   △ GRSPRD = 95
      NO
      YES
      GRSSWK = -9 DNA

   △ GRSPRD = 97
      NO
      YES
      GRSSWK = -8 NA

   △ GRSPRD = -8
      NO
      YES
      GRSSWK = -8 NA
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) (1 of 4)
GRSSWK2 - Gross Weekly Pay in Second job (Applies to all employees & those on schemes) (2 of 4)

1. If SECGA = 7 (NO), then GRSSWK2 = (SECGR0*6/52)
   - YES

2. If SECGA = 8 (NO), then GRSSWK2 = (SECGR0*8/52)
   - YES

3. If SECGA = 9 (NO), then GRSSWK2 = (SECGR0*9/52)
   - YES

4. If SECGA = 10 (NO), then GRSSWK2 = (SECGR0*10/52)
   - YES

5. If SECGA = 13 (NO), then GRSSWK2 = (SECGR0*4/52)
   - YES

6. If SECGA = 26 (NO), then GRSSWK2 = (SECGR0*2/52)
   - YES

7. If SECGA = 52 (NO), then GRSSWK2 = SECGR0/52
   - YES

8. If SECGA = 90 (NO), then GRSSWK2 = (SECGR0*2)
   - YES

9. If SECGA = 95 (NO), then GRSSWK2 = -8
   - NA

10. If SECGA = 97 (NO), then GRSSWK2 = -8
    - NA

11. If SECGA = -8 (NO), then GRSSWK2 = -8
    - NA

12. If SECGA = -9 (NO), then GRSSWK2 = -9
    - DNA
GRSSWK2 - Gross Weekly Pay in Second job (Applies to all employees & those on schemes) (3 of 4)

1. **SECEX = 0-99995**
   - NO → **SECEX = 99998** → NO → **SECEX = 99999**
   - YES → **LOOK UP TABLE FOR VARIABLE BANDG2**

2. **GRSSWK2 = -9 DNA**

3. **GRSSWK2 = AMNTWK**

4. **SECBG = 1**
   - NO → **SECBG = 2** → NO → **SECBG = 3** → NO → **SECBG = 4** → NO → **SECBG = 5** → NO → **SECBG = 7** → NO → **SECBG = 8** → NO
   - YES → **GRSSWK2 = SECEX**
   - YES → **GRSSWK2 = (SECEX/2)**
   - YES → **GRSSWK2 = (SECEX/3)**
   - YES → **GRSSWK2 = (SECEX/4)**
   - YES → **GRSSWK2 = (SECEX*12/52)**
   - YES → **GRSSWK2 = (SECEX*6/52)**
   - YES → **GRSSWK2 = (SECEX*8/52)**

5. **SECBG = 9**
   - NO → **SECBG = 10** → NO → **SECBG = 13** → NO → **SECBG = 26** → NO → **SECBG = 52** → NO → **SECBG = 90** → NO
   - YES → **GRSSWK2 = (SECEX*9/52)**
   - YES → **GRSSWK2 = (SECEX*10/52)**
   - YES → **GRSSWK2 = (SECEX*4/52)**
   - YES → **GRSSWK2 = (SECEX*2/52)**
   - YES → **GRSSWK2 = SECEX/52**
   - YES → **GRSSWK2 = (SECEX*2)**
GRSSWK2 - Gross Weekly Pay in Second job (Applies to all employees & those on schemes) (4 of 4)
HIQUAL15 - Highest qualification/ Trade apprenticeship (1 of 10)

Uses:

AGE
WRKING
JBAWAY
OWNBUS
RELBUS
DEGREE(1-6)
NVQ11
GNVQ11
QUALUK
TYPHST(1-5)
BTE11
SCTVC11
TEACH4(1-6)
RSA11
CAG11
APPR12
WLSHBBC8
QDIIPTYP
QCFACD
QCFLEV
FORTYP15
BTACD
BTLEV
SCACD
SCLEV
RSACD
RSLEV
CAGACD
CAGLEV
GNACD
GNLEV
NVACD
NVLEV
TYPHSTN (1-5)
TYPHSTS (1-4)
QUAL_1 to QUAL_31
QUAL_33 to QUAL_35
GCSEFUL(1-6)

Derive First:
QUAL_1 to QUAL_31
QUAL33 to QUAL_35
GCSEFUL(1-6)
HIQUAL15 - Highest qualification/ Trade apprenticeship (2 of 10)
HIQUAL15 - Highest qualification/ Trade apprenticeship (3 of 10)

4  L  NO  M  NO  N  NO  NVQ11 = 3  NO  QDIPHTYP = 1,2  NO  O  NO  WLSHBC8 = 3  NO  QUAL_13 = 1  NO  QUAL_33 = 1  NO  5  

YES  YES  YES  YES  YES  YES  YES  YES  YES  

27 LEVEL 4 DIPLOMA  28 LEVEL 4 CERTIFICATE  29 LEVEL 5 AWARD  30 NVQ LEVEL 3  31 ADVANCED/PROGRESSION DIPLOMA (14-19)  32 LEVEL 3 DIPLOMA  33 ADVANCED WELSH BACS  34 INTERNATIONAL BACS  35 SCOTTISH BAC

5  

GNVQ11 = 1  NO  QUAL_10 = 1  NO  TYPHST(1-5) = 5  NO  RSA11 = 2  NO  QUAL_4 = 1  NO  BTE11 = 2  NO  SCTVC11 = 2  NO  CAG11 = 1  NO  QUAL_17 = 1  NO  6  

YES  YES  YES  YES  YES  YES  YES  YES  NO

36 GNVQ/GSVQ ADVANCED  37 A LEVEL OR EQUIVALENT  38 RSA ADVANCED DIPLOMA  39 OND/ONC BTEC/SCOTVEC NATIONAL ETC  40 CITY & GUILDS ADVANCED CRAFT/ PART 3  41 SCOTTISH 6TH YEAR CERTIFICATE/ CSYS
HIQUAL15 - Highest qualification/ Trade apprenticeship (4 of 10)
HIQUAL15 - Highest qualification/ Trade apprenticeship (5 of 10)
HIQUAL15 - Highest qualification/ Trade apprenticeship (7 of 10)

12

(QUAL_30 or QUAL_31) = 1

11

QUALUK = 2, 3

10

BTE11 = 5, 6, -8

9

SCTVC11 = 6, 7, -8

8

RSA11 = 5, 6, -8

7

GNVQ11 = 6, 7, -8

6

NVQ11 = 6, 7, -8

5

CAG11 = 4, 5, -8

4

TYPHST(1-5) = -8

3

83 OTHER QUALIFICATION

2

YES

1

YES

13

QUALCHUK1 = 7

12

QUALCHUK1(1-6) = 8

11

QUALCHUK1 = -8

10

YES

9

YES

8

YES

7

YES

6

YES

5

YES

4

YES

3

YES

2

YES

1

YES

13

QDIPTYP = 5, -8

12

YES

11

YES

10

YES

9

YES

8

YES

7

YES

6

YES

5

YES

4

YES

3

YES

2

YES

1

YES

13

-8 NA

12

83 OTHER QUALIFICATION

11

84 NO QUALIFICATIONS

10

85 DON'T KNOW
HITQUA15 – Highest qualification that training leads to (1 of 9)

Uses:

AGE
QULNOW
DEGNOW
NVQLE11
QCFNOW
TCNWACD
SCNWACD
OCRNACD
CNWACD
NVNWACD
QCFLVNW
TCNWLEV
SCNWLEV
OCRNLEV
CNWLEV
NVNWLEV
QULHI11
TCNW11
SCNOW11
OCRN11
DIPTYP
WBAC
HSTNOW
CGNW11
HSTNOWS
APPRCURR
HSTNOWN

START

AGE <= 15
QULNOW = -9
DEGNOW = 1
NVQLE11 = 5

1 HIGHER DEGREE
2 NVQ LEVEL 5

QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CNWACD OR NVNWACD = 3
QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CNWACD OR NVNWACD = 2
QCFNOW OR TCNWACD OR SCNWACD OR OCRNACD OR CNWACD OR NVNWACD = 1

QCFLVNW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CNWLEV OR NVNWLEV = 7
QCFLVNW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CNWLEV OR NVNWLEV = 6
QCFLVNW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CNWLEV OR NVNWLEV = 5

5 LEVEL 7 DIPLOMA
6 LEVEL 7 CERTIFICATE

3 LEVEL 8 DIPLOMA
4 LEVEL 8 CERTIFICATE

-9 DNA
HITQUA15 – Highest qualification that training leads to (4 of 9)

QULHI11 = 9

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

YES

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

YES

YES

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

YES

22 OTHER HIGHER EDUCATION BELOW DEGREE

23 LEVEL 4 DIPLOMA

24 LEVEL 4 CERTIFICATE

25 LEVEL 5 AWARD

NVQLE11 = 3

DIPTYP = 1 or 2

YES

YES

NO

NO

NO

WBAC = 3

26 NVQ LEVEL 3

27 Progression or Advanced Diploma (14-19)

28 LEVEL 3 DIPLOMA

29 ADVANCED WELSH BAC
HITQUA15 – Highest qualification that training leads to (5 of 9)

8
QULHI11 = 13
NO
QULHI11 = 33
NO
QULHI11 = 10
NO
HSTNOW = 5
NO
OCRN11 = 2
NO
QULHI11 = 4
NO
TCNW11 = 2
NO
SCNW11 = 2
NO
9

30
INTERNATIONAL BACCALAUREATE

31
SCOTTISH BACCALAUREATE

32
A LEVEL OR EQUIVALENT

33
OCR ADVANCED

34
OND/ONC,BTEC/SCOTVEC/NATIONAL LEVEL ETC

35
CITY & GUILDS ADVANCED CRAFT/PART 3

36
SCE HIGHER OR EQUIVALENT

37
ACCESS TO HE

38
A/S LEVEL OR EQUIVALENT

39
TRADE APPRENTICESHIP

40
NO

CGNW11 = 1
NO
HSTNOW = 4
NO
HSTNOWS = 6
NO
QULHI11 = 18
NO
QULHI11 = 16
NO
APPRCURR = 1
NO

9

YES
YES
YES
YES
YES
YES
YES
YES
YES

10
HITQUA15 – Highest qualification that training leads to (6 of 9)

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

YES

→ QCFLNVNW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 3

YES

→ 40 LEVEL 3 CERTIFICATE

NO

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

YES

→ QCFLNVNW OR TCNWLEV OR SCNWLEV OR OCRNLEV OR CGNWLEV OR NVNWLEV = 4

YES

→ 41 LEVEL 4 AWARD

NO

→ NVQLE11 = 2 NO → HSTNOW = 3 NO → WBAC = 2 NO → OCRN11 = 3

YES

→ 42 NVQ LEVEL 2 OR EQUIVALENT

NO

→ HSTNOW = 3

YES

→ 43 INTERMEDIATE WELSH BAC

NO

→ WBAC = 2

YES

→ 44 OCR INTERMEDIATE

NO

→ OCRN11 = 3

YES

→ 11

11 NO → CGNW11 = 2 NO → TCNW11 = 3 NO → SCNOW11 = 3 NO → DIPTYP = 3

YES

→ 45 CITY & GUILDS CRAFT/PART 2

YES

→ 46 BTEC/SCOTVEC FIRST OR GENERAL DIPLOMA ETC

YES

→ 47 HIGHER DIPLOMA (14-19)
HOURPAY - Average hourly pay

Uses:
GRSSWK
POTHR
BUSHR

Derive First:
GRSSWK
POTHR
BUSHR

HOURPAY = GRSSWK / (POTHR + BUSHR)

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = -9

HOURPAY = GRSSWK / BUSHR
Uses:
DVHRPNUM
PERSNO

Derive First:
DVHRPNUM
ILLFRI - Whether respondent was absent from work (due to illness/injury) on a Friday

START

All ILLDAYS(1-7) = -9

NO

YES

ILLFRI = -9 (DNA)

Any ILLDAYS(1-7) = 5

NO

YES

ILLFRI = 1
ABSENT FROM WORK ON FRIDAY

ILLFRI = 2
NOT ABSENT FROM WORK ON FRIDAY

Uses:

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

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

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

YES

ILLSUN = -9 (DNA)

NO

Any ILLDAYS(1-7) = 7

YES

ILLSUN = 1

ABSENT FROM WORK ON SUNDAY

NO

ILLSUN = 2

NOT ABSENT FROM WORK ON SUNDAY

Uses:

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

START

All ILLDAYS(1-7) = -9

ILLTHU = -9 (DNA)

NO

Any ILLDAYS(1-7) = 4

ILLTHU = 1

YES

ABSENT FROM WORK ON THURSDAY

NO

ILLTHU = 2

NOT ABSENT FROM WORK ON THURSDAY

Uses:

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

START

All ILLDAYS(1-7) ≠ -9 → NO → Any ILLDAYS(1-7) ≠ 2 → NO → ILLTUE = 2

NOT ABSENT FROM WORK ON TUESDAY

YES → ILLTUE = -9 (DNA)

YES → ILLTUE = 1

ABSENT FROM WORK ON TUESDAY

Uses:

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

START

All ILLDAYS(1-7) = -9

NO

YES

ILLWED = -9 (DNA)

Any ILLDAYS(1-7) = 3

NO

YES

ILLWED = 1

ABSENT FROM WORK ON WEDNESDAY

ILLWED = 2
NOT ABSENT FROM WORK ON 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.

Uses:

AGE
INECAC05

Derive First:

INECAC05
IN0792DL – SIC2007 to SIC92 Conversion DV: Industry Division in Last Job (2 digits)

START

INDSC07L = 01110 to 99000

NO

INDSC07L = -8

NO

IN0792DL = -9 (DNA)

YES

IN0792DL = Use SIC0792DIVISION conversion list with INDSC07L

YES

IN0792DL = -8 (NA)
IN0792DM – SIC2007 to SIC92 Conversion DV: Industry Division in Main Job (2 digits)

START

INDSC07M = 01110 to 99000 → NO → INDSC07M = -8 → NO → IN0792DM = -9 (DNA)

YES

INDSC07M=Use SIC0792DIVISION conversion list with INDSC07M

YES

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)

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

EVERWK = 1

NO → IN0792DR = -8 (NA)

YES → IN0792DR = use SIC0792DIVISION conversion list with INDSC07L

NO → 2

Uses:
INDD07R
EVERWK
REDIND
INDSC07M
INDSC07L
RDICD07
SIC0792DIVISION CONVERSION LIST

Derive first:
INDD07R
IN0792DR – SIC2007 to SIC92 Conversion DV: Industry division in job made redundant from (2 of 2)

IN0792DR = use the SIC0792DIVISION conversion list with RDICD07

2

REDIND = 2

NO

IN0792DR = -8 (NA)

YES
IN0792DS – SIC2007 to SIC92 Conversion DV: Industry Division in Second Job (2 digits)

START

INDSC07S = 01110 to 99000

NO

INDSC07S = -8

NO

IN0792DS = -9 (DNA)

YES

YES

IN0792DS = use SIC0792DIVISION conversion list with INDSC07S

IN0792DS = -8 (NA)

Uses:
INDSC07S
SIC0792DIVISION CONVERSION LIST
IN0792EM – SIC2007 to SIC92 Conversion DV: Industry Sector in Main Job

START

INDSC07M = 01110 to 99000

NO

INDSC07M = -8

NO

YES

IN0792EM = use SIC0792SECTOR conversion list with INDSC07M

YES

IN0792EM = -8 (NA)

IN0792EM = -9 (DNA)
IN0792ER – SIC2007 to SIC92 Conversion DV: Industry sector in job made redundant from (1 of 2)

START

INDD07R = -8

YES

IN0792ER = -8 (NA)

NO

INDD07R = -9

YES

IN0792ER = -9 (DNA)

NO

EVERWK = -9

YES

REDIND = 1

NO

2

EVERWK = 1

YES

IN0792ER = use SIC0792SECTOR conversion list with INDSC07L

NO

IN0792ER = -8 (NA)

1

EVERWK = use SIC0792SECTOR conversion list with INDSC07M

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)

2

REDIND = 2

NO → IN0792ER = -8 (NA)

YES

IN0792ER = use SIC0792SECTOR conversion list with RDICD07
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
IN0792SM – SIC2007 to SIC92 Conversion DV: Industry Section in Main Job

START  →  INDSC07M = 01110 to 99000  →  NO  →  INDSC07M = -8  →  NO  →  IN0792SM = -9 (DNA)

YES  →  IN0792SM = use SIC0792SECTION conversion list with INDSC07M

YES  →  IN0792SM = -8 (NA)

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

START

INDSC07S = 01110 to 99000

NO

INDSC07S = -8

NO

IN0792SS = -9 (DNA)

YES

IN0792SS=use SIC0792SECTION conversion list with INDSC07S

YES

IN0792SS = -8 (NA)

NO

Uses:

INDSC07S
SIC0792SECTION CONVERSION LIST
INDC07L – Industry class in last job (4 digits)

START

1. **INDSC07L = 01110-99000**
   - NO
     - **INDSC07L = -8**
       - NO
         - **INDC07L = -9 (DNA)**
     - YES
       - **INDC07L = use SIC07class conversion list with INDSC07L**
   - YES

2. **INDC07L = -8 (NA)**
INDC07M – Industry class in main job (4-digit level)

START

INDSC07M = 01110-99000

NO → INDSC07M = - 8

NO → IND07M = - 9 (DNA)

YES → IND07M = use SIC07CLASS conversion list with INDSC07M

YES → IND07M = - 8 (NA)

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

START

INDSC07S = 01110-99000

YES

INDC07S = use SIC07CLASS conversion list with INDSC07S

NO

INDSC07S = -8

YES

INDC07S = -8 (NA)

NO

INDC07S = -9 (DNA)

Uses:

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

Uses:

INDSC07L
SIC07DIVISION CONVERSION LIST
INDD07M – Industry division in main job (2 digits)

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

Uses:

INDSC07O
SIC07DIVISION CONVERSION LIST
START

REDUND = 1

NO

INDD07R = -9 (DNA)

YES

EVERWK = -9

NO

EVERWK = 1

NO

INDD07R = -9 (DNA)

YES

INDD07R = INDD07L

YES

REDIND = 1

NO

REDIND = 2

NO

INDD07R = -8 (NA)

YES

INDD07R = INDD07M

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

1. 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

YES

REDIND = 1

NO

REDIND = 2

NO

INDE07R = -8

(NA)

YES

INDE07R = INDE07M

INDE07R=use

SIC07SECTOR conversion

list with RDICD07

Uses:

REDUND
EVERWK
REDIND
INDE07M
INDSC07L
SIC07SECTOR CONVERSION LIST
RDICD07

Derive first:

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

START

INDSC07L = 01110-99000

NO

INDSC07L = -8

NO

INDG07L =-9

(DNA)

YES

INDG07L = use SIC07GROUP conversion list with INDSC07L

YES

INDG07L = -8

(NA)

Uses:

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

START

INDSC07M = 01110-99000

NO

INDSC07M = -8

NO

INDG07M = -9 (DNA)

YES

INDG07M = use SIC07GROUP conversion list with INDSC07M

YES

INDG07M = -8 (NA)

Uses:

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

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

INDSC07M = -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)

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)

NO

INDSC07M = - 8
(NA)

YES

INDSC07M = - 8
(NA)

Uses:

EVERWK
ICDM
STAT
INDSC07O – Industry subclass one year ago (5 digits)

START

OYSIND = - 9
YES

INDSC07O = - 9 (DNA)

NO

OYSIND = 1

NO

OYSIND = 2

NO

OYSIND = 1

NO

OYSIND = 2

NO

OYSIND = 1

NO

OYSIND = 2

NO

OYSIND = 1

NO

OYSIND = 2

NO

OYSIND = 1

NO

OYSIND = 2

NO

ICDM = - 8 or -9

YES

INDSC07O = - 8 (NA)

NO

ICDM = - 8 or -9

YES

INDSC07O = - 8 (NA)

NO

ICDM = - 8 or -9

YES

INDSC07O = ICDM

NO

INDSC07O = - 8 (NA)

Uses:
OYSIND
ICDM
OYICD07
INECAC05 – Economic activity (International definition) (1 of 4)

 AGEL 
 -> SCHM12 = 6 or 7 
 -> COUNTRY = 5 
 -> FUND12 = 1,2 or 3 
 -> TYPSCH12 =3,4,5 or 10 
 -> TYSCH12 = 1,2 or 9 
 -> TYPSCH12 = 8

 3 GOVERNMENT EMPLOYMENT & TRAINING SCHEMES

 AGEL <= 15

 34 UNDER 16

 2 SELF-EMPLOYED

 USES:
 AGEL
 SCHM12
 COUNTRY
 FUND12
 TYPSCH12
 HELPSE12
 YTETJB
 STATR
 WRKING
 JBAWAY
 OWNBUS
 RELBUS
 LOOK4
 LKYT4
 START
 WAIT
 LIKEWK
 YSTART
 NOLWM

 Derive First:
 STATR
INECAC05 – Economic activity (International definition) (2 of 4)

- **Look at activity level (International definition)**
  - 2: Look activity = 1
  - 3: Look activity = 1
  - 4: Look activity = 1
  - 5: Start activity = 1
  - 6: Start activity = 1

**ILO UNEMPLOYED**

- 5: ILO unemployed

**Economic activity**

6: Inactive, seeking, unavailable, student

7: Inactive, seeking, unavailable, looking after family/home

8: Inactive, seeking, unavailable, temp. sick/injured

9: Inactive, seeking, unavailable, long term sick/disabled

10: Inactive, seeking, unavailable, other reason

11: Inactive, seeking, unavailable, no reason given
INECAC05 – Economic activity (International definition) (3 of 4)

1. NOLWM = 1
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, WAIT RESULTS JOB APPLICATION

2. NOLWM = 2
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, STUDENT

3. NOLWM = 3
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LOOKING AFTER FAMILY/HOME

4. NOLWM = 4
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, TEMP SICK/INJURED

5. NOLWM = 5
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LONG TERM SICK/DISABLED

6. NOLWM = 6
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, BELIEVES NO JOBS AVAILABLE

7. NOLWM = 7
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, NOT YET STARTED LOOKING

8. NOLWM = 8
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, NO REASON GIVEN

9. NOLWM = 9
   - INACTIVE, NOT SEEKING, WOULD LIKE WORK, RETIRED FORM PAID WORK

10. NOLWM = 10
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

11. NOLWM = 11
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

12. NOLWM = 12
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, STUDENT

13. NOLWM = 13
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LOOKING AFTER FAMILY/HOME

14. NOLWM = 14
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, TEMP SICK/INJURED

15. NOLWM = 15
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LONG TERM SICK/DISABLED

16. NOLWM = 16
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, BELIEVES NO JOBS AVAILABLE

17. NOLWM = 17
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, NOT YET STARTED LOOKING

18. NOLWM = 18
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

19. NOLWM = 19
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, DOES NOT NEED EMPLOYMENT

20. NOLWM = 20
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, RETIRED FORM PAID WORK

21. NOLWM = 21
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

22. NOLWM = 22
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, NO REASON GIVEN

23. NOLWM = 23
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, STUDENT

24. NOLWM = 24
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LOOKING AFTER FAMILY/HOME

25. NOLWM = 25
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, TEMP SICK/INJURED

26. NOLWM = 26
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, LONG TERM SICK/DISABLED

27. NOLWM = 27
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, BELIEVES NO JOBS AVAILABLE

28. NOLWM = 28
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, NOT YET STARTED LOOKING

29. NOLWM = 29
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

30. NOLWM = 30
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, RETIRED FORM PAID WORK

31. NOLWM = 31
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, OTHER REASON

32. NOLWM = 32
    - INACTIVE, NOT SEEKING, WOULD LIKE WORK, DOES NOT NEED EMPLOYMENT
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
QUILNOW

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
-9 Not applicable
-8 No answer
LEVQUL15 - Level of Highest Qualification held (2 of 2)

1. NUMAS = 1
   - NO
   - YES

2. HQUAL15 = 48-57, 59
   - NO
   - YES

3. HQUAL15 = 58
   - NO
   - YES

4. NUMOL5 = 2
   - NO
   - YES

5. BELOW NQF LEVEL 2
   - YES

KEY:
1. NQF Level 4 and above
2. NQF Level 3
3. Trade Apprenticeships
4. NQF Level 2
5. Below NQF Level 2
6. Other Qualifications
7. No Qualifications
8. No Answer
9. Not Applicable
LKWFWM - Looking for work in last 4 weeks, main method used (1 of 2)
LKWFWM - Looking for work in last 4 weeks, main method used (2 of 2)

2
   METHM = 1 → NO → METHM = 2 → NO → METHM = 3 → NO → METHM = 4 → NO → METHM = 5 → NO → 3
   YES → 1
1
   JOB CENTRE ETC

2
   METHM = 2 → NO → METHM = 3 → NO → METHM = 4 → NO → METHM = 5 → NO → 3
   YES → 2
2
   CAREERS OFFICE

3
   METHM = 6 → NO → METHM = 7 → NO → METHM = 8 → NO → METHM = 9 → NO → METHM = 10 → NO → 4
   YES → 6
6
   ANSWER ADVERTS IN PAPERS, INTERNET ETC

4
   METHM = 11 → NO → METHM = 12 → NO → METHM = 13 → NO → METHM = 14 → 4
   YES → 11
11
   LOOKING FOR PREMISES, EQUIPMENT

5
   METHM = 1

6
   METHM = 2

7
   METHM = 3

8
   METHM = 4

9
   METHM = 5

10
   METHM = 6

11
   METHM = 7

12
   METHM = 8

13
   METHM = 9

14
   METHM = 10

-8
NA

-8
NA
MANAGER - Managerial status in main job (reported)

START

EVERWK = 9

NO

-9 DNA

YES

MANAGER = MANAGE

Uses:

EVERWK
MANAGE
MANAGLR Managerial status in last job (reported)

START → EVERWK = 1

- NO → DNA

- YES → MANAGLR = MANAGE

Uses:
EVERWK
MANAGE
MARDY6 - Married/Cohabiting

START

MARSTA = 2 OR 6

NO

LIVWTH = 1 OR 3

NO

2 NON-MARRIED

YES

MARCHK = 1

NO

2 NON-MARRIED

YES

1 MARRIED/ COHABITING/ CIVIL PARTNER

Uses:

MARSTA
MARCHK
LIVWTH
MARSEX6 - Sex and marital status

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

Uses:
AGE
MF5964 - Male population aged between 16 and 64 and female population aged between 16 and 59

**Uses:**
- AGE
- SEX

**Flowchart Description:**
1. **START**
2. **AGE = 16-64**
   - **NO**
     - **AGE = 16-59**
     - **NO**
       - **-9 (DNA)**
   - **YES**
     - **SEX = 1**
     - **YES**
       - **1 MALE 16-64**
     - **NO**
       - **SEX = 2**
     - **YES**
       - **2 FEMALE 16-59**
MPNLR02 - Number of employees at workplace in last job (reported)

START

EVERWK = 1

NO

MPNLR02 = -9 (DNA)

YES

STAT = 1, 3, 4

NO

MPNLR02 = MPNE02

YES

STAT = 2

NO

MPNLR02 = -9 (DNA)

YES

SOLO = 2

NO

MPNLR02 = MPNS02

YES

MPNLR02 = MPNE02

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

YES

YES

STAT = 1,3,4

NO

STAT = 2

NO

MPNR02 = -9

(DNA)

YES

YES

MPNR02 = MPNE02

YES

SOLO = 2

NO

MPNR02 = -9

(DNA)

YES

MPNR02 = MPNS02

Uses:

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

Uses:
STAT2
SOLO2
MPNES02
MPNSS02
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

NATIDNI = 1

YES

NATIDNI = 0

YES

NATIDNI = -8

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

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

New in January 2011
NATIDO11 – Other National Identity

START

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

NO

YES

NATIDO11 = 1

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

NO

YES

NATIDO11 = 0

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

NO

YES

NATIDO11 = -6

NATIDO11 = -9

New in January 2011

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

Uses:
NTLE11(1-6)
NTLS11(1-6)
NTLW11(1-6)
NTLN11(1-6)
NATIDS11 – Scottish National Identity

New in January 2011

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

**Uses**:  
NTLE11(1-6)  
NTLS11(1-6)  
NTLW11(1-6)  
NTLN11(1-6)
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
NATOX7 - Nationality - other (1 of 2)

START

- **NTNLTY12** = 926
  - **NATO7** = 831 to 833 or 921 to 926 or 931
    - YES
    - **NATOX7** = 926 UK/GB
  - NO
    - **CRY12** = 921 to 926
      - YES
      - **NATOX7** = 926 UK/GB
    - NO
      - **NTNLTY12 or NATO7** = 372
        - NO
          - YES
          - **NATOX7** = 926 UK/GB
        - NO
          - **NTNLTY12** = 356
            - NO
              - YES
              - **NATOX7** = 926 UK/GB
            - NO
              - **NTNLTY12** = 586
                - NO
                  - YES
                  - **NATOX7** = 926 UK/GB
                - NO
                  - **NTNLTY12** = 616
                    - NO
                      - YES
                      - **NATOX7** = 926 UK/GB
                    - YES
                      - **NATOX7** = -8 (not applicable)

- **CRYO7** = 831 to 833 or 921 to 926 or 931
  - YES
  - **NTNLTY12 or NATO7** = 372
    - NO
      - YES
      - **NATOX7** = 926 UK/GB
    - NO
      - **NTNLTY12** = 356
        - NO
          - YES
          - **NATOX7** = 926 UK/GB
        - NO
          - **NTNLTY12** = 586
            - NO
              - YES
              - **NATOX7** = 926 UK/GB
            - NO
              - **NTNLTY12** = 616
                - NO
                  - YES
                  - **NATOX7** = 926 UK/GB
                - YES
                  - **NATOX7** = -8 (not applicable)

- **NTNLTY or NATO7** = 372
  - NO
    - YES
    - **NATOX7** = 926 UK/GB
  - NO
    - **NTNLTY12** = 356
      - NO
        - YES
        - **NATOX7** = 926 UK/GB
      - NO
        - **NTNLTY12** = 586
          - NO
            - YES
            - **NATOX7** = 926 UK/GB
          - NO
            - **NTNLTY12** = 616
              - NO
                - YES
                - **NATOX7** = 926 UK/GB
              - YES
                - **NATOX7** = -8 (not applicable)

- **NTNLTY12 or NATO7** = 372
  - NO
    - YES
    - **NATOX7** = 926 UK/GB
  - NO
    - **NTNLTY12** = 356
      - NO
        - YES
        - **NATOX7** = 926 UK/GB
      - NO
        - **NTNLTY12** = 586
          - NO
            - YES
            - **NATOX7** = 926 UK/GB
          - NO
            - **NTNLTY12** = 616
              - NO
                - YES
                - **NATOX7** = 926 UK/GB
              - YES
                - **NATOX7** = -8 (not applicable)

- **NTNLTY12** = 356
  - NO
    - YES
    - **NATOX7** = 926 UK/GB
  - NO
    - **NTNLTY12** = 586
      - NO
        - YES
        - **NATOX7** = 926 UK/GB
      - NO
        - **NTNLTY12** = 616
          - NO
            - YES
            - **NATOX7** = 926 UK/GB
          - YES
            - **NATOX7** = -8 (not applicable)

- **NTNLTY12 or NATO7** = 372
  - NO
    - YES
    - **NATOX7** = 926 UK/GB
  - NO
    - **NTNLTY12** = 356
      - NO
        - YES
        - **NATOX7** = 926 UK/GB
      - NO
        - **NTNLTY12** = 586
          - NO
            - YES
            - **NATOX7** = 926 UK/GB
          - NO
            - **NTNLTY12** = 616
              - NO
                - YES
                - **NATOX7** = 926 UK/GB
              - YES
                - **NATOX7** = -8 (not applicable)

Uses:
NTNLTY12
NATO7
CRYO7
CRY12
### Range of valid NATO7 values

<table>
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<tr>
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<th>Code</th>
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<tr>
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<tr>
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<tr>
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<td>Cocos (Keeling) Islands</td>
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<tr>
<td>Comoros</td>
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### Countries Not Otherwise Specified

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<th>Region/Group</th>
<th>Country</th>
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<td>Algeria</td>
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</tr>
<tr>
<td>Central America Not Otherwise Specified</td>
<td>Argentina, Belize, Brazil, British Indian Ocean Territory, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Vincent and the Grenadines, St. Kitts and Nevis, Suriname, United States Virgin Islands, Uruguay, Venezuela, Washington and the Belgian Congo, United States Minor Outlying Islands</td>
</tr>
</tbody>
</table>
| Europe (Except Middle East) Not Otherwise Specified | Albania, Andorra, Angola, Antigua and Barbuda, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Britain, Burma, Cabo Verde, Cameroon, Canada,Channel Islands, Czech Republic, Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint Maarten (Dutch part), Antigua and Barbuda, Benin, Botswana, Brunei, Bulgaria, Canada, Chile, Colombia, Costa Rica, Croatia, Cyprus (European Union), Cyprus (Not Otherwise Specified), Cyprus (Non-European Union), Denmark, Estonia, France, Georgia, Greece, Greenland, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Macao (Special Administrative Region), Monaco, Morocco, the Netherlands, Norway, Oman, Pakistan, Portugal, Spain, Switzerland, Turkey, Ukraine, United Kingdom, United States, Vietnam, Yugoslavia, Zimbabwe, Lesotho, Sint Eustatius, Saba, Sint }
NATOX7_EUL_MAIN - Nationality main categories

START

NATOX7_EUL_SUB=1

YES

NATOX7_EUL_SUB=2,3,4 or 5

YES

1

UK

NO

NATOX7_EUL_SUB=6

YES

NATOX7_EUL_SUB=7,8,9 or 10

YES

NATOX7_EUL_SUB=11,12,13,14 or 15

YES

5

REST OF THE WORLD

NO

-8

NO ANSWER

NATOX7_EUL_SUB=9

NO

-9

DOES NOT APPLY

Uses:
NATOX7_EUL_SUB

Derive first:
NATOX7_EUL_SUB
NATO7_EUL_SUB – Nationality Detailed Categories (3 of 3)

4


YES

11

SUB-SAHARAN AFRICA

NO

NATO7=12, 434, 478, 504, 729, 732, 736, 788, 818, 982

YES

12

NORTH AFRICA

NO

NATO7=124, 581, 630, 840, 850, 985

YES

13

NORTH AMERICA

5

NATO7=28, 32, 44, 52, 60, 68, 76, 84, 92, 136, 152, 170, 188, 192, 212, 214, 218, 222, 238, 239, 254, 308, 312, 320, 328, 332, 340, 388, 474, 484, 500, 530, 531, 533, 534, 535, 558, 591, 600, 604, 652, 659, 660, 662, 663, 666, 670, 740, 780, 796, 858, 862, 986, 987, 988

YES

14

CENTRAL AND SOUTH AMERICA

NO

NATO7=10, 16, 36, 90, 162, 166, 184, 242, 258, 260, 296, 316, 334, 520, 540, 548, 554, 570, 574, 580, 583, 584, 585, 598, 612, 772, 776, 796, 876, 882, 989

YES

15

OCEANIA

NO

NATO7=-9

-8

NO ANSWER

-9

DOES NOT APPLY
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

1

-9 DNA

-9 DNA

-8 NA

NET99 = 0-99995
NO
NET99 = 99997
YES
NET99 = 99999
NO
NET99 = 99998
YES
NET99 = GRSSWK
-8 NA
USE LOOK UP TABLE FOR VARIABLE BANDN
NETWK = AMNTWK

NETPRD = 1
NO
NETPRD = 2
NO
NETPRD = 3
NO
NETPRD = 4
NO
NETPRD = 5
NO
NETPRD = 7
NO
2

NETWK = NET99
NETWK = (NET99/2)
NETWK = (NET99/3)
NETWK = (NET99/4)
NETWK = (NET99*12/52)
NETWK = (NET99*6/52)
NETWK2 - Net weekly pay in second job (applies to all employees & those on schemes) (1of 2)

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.
NETWK2 - Net weekly pay in second job (applies to all employees & those on schemes) (2 of 2)

2
SCNTGA=8 NO SCNTGA=9 NO SCNTGA=10 NO SCNTGA=13 NO SCNTGA=26 NO SCNTGA=52 NO 3

YES

YES

YES

YES

YES

YES

NETWK2= (SECNET*8/52)

NETWK2= (SECNET*9/52)

NETWK2= (SECNET*10/52)

NETWK2= (SECNET*4/52)

NETWK2= (SECNET*2/52)

NETWK2= SECNET/52)

3
SCNTGA=90
SCNTGA=95
SCNTGA=97
SCNTGA=8

YES

YES

YES

YES

NETWK2= (SECNET*2)

NETWK=8 NA

NETWK=8 NA

NETWK=8 NA

NETWK2=9 DNA

NETWK2= SECNET/52)
NOPENFLG - Whether 16+ but below pensionable age

Uses:
AGE
PENFLGP

Derive first:
PENFLGP

16+ but not of pensionable age
PENSIONABLE AGE
DNA
NSECM10 – NS-SEC Categories – Main Job, SOC2010 based

Valid from January 2011

START

AGE <=15

NO

CURED = 1,2,3

NO

EVERWK = 2

NO

DURUN > 3

NO

SECM = 0 or
SEARCHTX = -8 or
ES2000M = 8 or
OCOD10M = -8

YES

NSECM10 = -9

(DNA)

NSECM10 = 15

NSECM10 = 14.1

NSECM10 = 14.2

NSECM10 = 16

1

SECM = -9

NO

OCOD10M > 0000

NO

NSECM10 = 16

NSECM10 = 17

YES

ES2000M < 8

NO

NSECM10 = 16

YES

Uses:
AGE
CURED
EVERWK
DURUN
SECM
SEARCHTX
ES2000M
OCOD10M

Derive NSECM10 from matrix using OCOD10M and ES2000M
NSECMJ10 – NS-SEC Classes – Main Job, SOC2010 based

Valid from January 2011

Uses:
NSECM10
Derive First:
NSECM10
OOBEN – Main reason those not in employment are claiming out-of-work benefits

Start date: Apr 2014

* denotes multicode questionnaire variables, e.g. DISBEN* = 1, 2, 3 in full reads:
(DISBEN1 = 1, 2, 3) or (DISBEN2 = 1, 2, 3) or (DISBEN3 = 1, 2, 3) or
(DISBEN4 = 1, 2, 3) or (DISBEN5 = 1, 2, 3) or (DISBEN6 = 1, 2, 3) or
(DISBEN7 = 1, 2, 3) or (DISBEN8 = 1, 2, 3).
OOBEN – Main reason those not in employment are claiming out-of-work benefits

Start date: Apr 2014

1. **TPBN13** = 1
   - **UCREDIT** = 3
     - **YES**: Lone parent
     - **NO**: 3

2. **TPBN13** = 4
   - **INCSUP** = 3
     - **YES**: Lone parent
     - **NO**: 3

3. **TPBN13** = 1
   - **UCREDIT** = 4
     - **YES**: Carer
     - **NO**: 4

4. **TPBN13** = 9
   - **YES**: Claiming other out-of-work benefits

5. **TPBN13** = 1
   - **YES**: Claiming other out-of-work benefits

6. **TPBN13** = 6
   - **YES**: Claiming other benefits

7. **PENBN13** = 2
   - **YES**: Claiming other out-of-work benefit
   - **NO**: 5

8. **PENBN13** = -8
   - **YES**: No answer
   - **NO**: -8

9. **TPBN13** = 6
   - **YES**: Claiming other benefits

10. **DISBEN** = -8
    - **YES**: Claiming other benefits
    - **NO**: -8

11. **DISBEN** = -8
    - **YES**: No answer
    - **NO**: -8

12. **DISBEN** = -8
    - **YES**: No answer
OYM02 - Number of employees at workplace in job one year ago (reported)

Uses:

OYCIRC
OYSTAT
OYSOLO
OYMPE02
OYMPS02

DOB_N=0 means no date of birth was provided
PENFLAGP-Whether of pensionable age (3 of 4)

Key
REF_N = YYYYMMDD - Uses information from REFWKY, REFWKM, REFWKD.
DOB_N=YYYYMMDD - Uses information from DOBY, DOBM, DOBD.

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>If (19600406&lt;=DOB_N&lt;=19600505) and (REF_N&gt;=SPA)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19600506) and (DOB_N&lt;=19600605) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19600606) and (DOB_N&lt;=19600705) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19600706) and (DOB_N&lt;=19600805) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19600806) and (DOB_N&lt;=19600905) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19600906) and (DOB_N&lt;=19601005) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19601006) and (DOB_N&lt;=19601105) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19601106) and (DOB_N&lt;=19601205) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19601206) and (DOB_N&lt;=19601305) and (REF_N&gt;=spa)</td>
<td></td>
</tr>
<tr>
<td>If (DOB_N&gt;=19610306 AND AGE &gt;=67)</td>
<td></td>
</tr>
</tbody>
</table>

Where SPA is

| (dobm+1)*10000 + ((dobm+1)*100) + (dobd*1) if (19600406<=DOB_N<=19600505) | i.e get their state pension when they are 66 and 1 month when born between 6th April 1960 and 5th May 1960 |
| (dobm+1)*10000 + ((dobm+2)*100) + (dobd*1) if (19600506<=DOB_N<=19600605) | i.e get their state pension when they are 66 and 2 months when born between 6th May 1960 and 5th June 1960 |
| (dobm+1)*10000 + ((dobm+2)*100) + (dobd*1) if (19600606<=DOB_N<=19600705) | i.e get their state pension when they are 66 and 3 months when born between 6th June 1960 and 5th July 1960 |
| (dobm+1)*10000 + ((dobm+3)*100) + (dobd*1) if (19600706<=DOB_N<=19600805) | i.e get their state pension when they are 66 and 4 months when born between 6th July 1960 and 5th August 1960 |
| 20261130 if (DOB_N=19600731) |                                           |
| (dobm+1)*10000 + ((dobm+5)*100) + (dobd*1) if (19600806<=DOB_N<=19600905) | i.e get their state pension when they are 66 and 6 months when born between 6th August 1960 and 5th September 1960 |
| (dobm+1)*10000 + ((dobm+6)*100) + (dobd*1) if (19600906<=DOB_N<=19601005) |                                           |
| (dobm+1)*10000 + ((dobm+6)*100) + (dobd*1) if (19601006<=DOB_N<=19601105) |                                           |
| (dobm+1)*10000 + ((dobm+8)*100) + (dobd*1) if (19601106<=DOB_N<=19601205) |                                           |
| (dobm+1)*10000 + ((dobm+9)*100) + (dobd*1) if (19601206<=DOB_N<=19601305) |                                           |
| 20270930 if (DOB_N=19601231) |                                           |
| (dobm+1)*10000 + ((dobm+10)*100) + (dobd*1) if (19610106<=DOB_N<=19610205) |                                           |
| 20271130 if (DOB_N=1961031) |                                           |
| (dobm+1)*10000 + ((dobm+11)*100) + (dobd*1) if (19610206<=DOB_N<=19610305) | i.e get their state pension when they are 66 and 11 months when born between 6th February 1961 and 5th March 1961 |

CONDITION B (mentioned on page 2) [DOB_N=0 indicates that there is no date of birth information]

| If AGE > 64 and REF_N=20190306 |                                           |
| If (DOB_N=0) and ((DOB_N=20200906) and (AGE>=65)) |                                           |
| If (DOB_N=0) and ((DOB_N=20200907) and (REF_N=20280205) and (AGE>=66)) |                                           |
| If (DOB_N=0) and (REF_N>=20280206) and (AGE>=67)) |                                           |

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

TYPSC12

= 1, 2, 3, 5, 8

OR 9

NO

YTETJB = 1

NO

PUBLICR = 1

YES

YES

SECTOR = 1

NO

SECTR003 = 1, 7

NO

PUBLICR = 1

YES

SECTR003 = 2, 6, 8, 9

NO

PUBLICR = 2

YES

-9

DNA

-8

NA

Uses:

STATR

TYPSC12

SECTOR

SECTR003

YTETJB
QUAL_1 to QUAL_35 Individual Qualifications Gained (1 of 6)

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or FORTYP15 = 0, 1

NO

QUAL_1 = 0

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 = 2

NO

QUAL_2 = 0

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 = 3

NO

QUAL_3 = 0

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 = 4

NO

QUAL_4 = 0

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 5

NO

QUAL_5 = 0

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 6

NO

QUAL_6 = 0

YES

QUAL_1 = 1

YES

QUAL_2 = 1

YES

QUAL_3 = 1

YES

QUAL_4 = 1

YES

QUAL_5 = 1

YES

QUAL_6 = 1
QUAL_1 to QUAL_35 Individual Qualifications Gained (2 of 6)
QUAL_1 to QUAL_35 Individual Qualifications Gained (4 of 6)

START

(UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 =19) or FORTYP15 = 6

NO

QUAL_19 = 0

YES

QUAL_19 = 1

START

(UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 =20)

NO

QUAL_20 = 0

YES

QUAL_20 = 1

START

(UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 =21) or FORTYP15 = 7

NO

QUAL_21 = 0

YES

QUAL_21 = 1

START

(UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = (22 – 29))

NO

QUAL_22 – 29 = 0

YES

QUAL_22 – 29 = 1
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

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

START

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

YES

QUAL_31 = 1

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 32

YES

QUAL_32 = 1

START

UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 35

YES

QUAL_35 = 1
QUAL_1 to QUAL_35 Individual Qualifications Gained (6 of 6)

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 and 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 "BECTEC/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/GCE 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 1to8".
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)".

START
UNIQUA01-31 or WOQUAL01-31 or GSQUAL01-31 or OTQUAL01-31 or SCQUAL01-25 = 35
QUAL_35 = 0
YES
QUAL_35 = 1
NO
QULCH111 – Foreign and UK Qualifications gained

New in January 2011

START

QLFOR11(1-6)=1

OR

QULCHUK(1-6)=1

NO

YES

QULCH111 = 1

School or home schooling

QLFOR11(1-6)=2

OR

QULCHUK(1-6)=2

NO

YES

QULCH111 = 2

College or University

QLFOR11(1-6)=3

OR

QULCHUK(1-6)=3

NO

YES

QULCH111 = 3

Related to work

QLFOR11(1-6)=4

OR

QULCHUK(1-6)=4

NO

YES

QULCH111 = 4

Government Schemes

QLFOR11(1-6)=5

OR

QULCHUK(1-6)=5

NO

YES

QULCH111 = 5

Leisure Time

QLFOR11(1-6)=6

OR

QULCHUK(1-6)=6

NO

YES

QULCH111 = 6

Other Way

FORQUAL=2

OR

QULCHUK(1-6)=7

NO

YES

QULCH111 = 7

None

QLFOR11(1-6)=8

OR

QULCHUK(1-6)=8

NO

YES

QULCH111 = 8

Don't Know

QULCH111 = -9

Does not apply

Uses:

QLFOR11(1-6)
QULCHUK(1-6)
FORQUAL
QULCH14 – Foreign and UK Qualifications gained

New in January 2011

Uses:
QLFOR11(1-6)
QULCHUK(1-6)
QULCH11(1-3)

Derive first:
QULCH11(1-3)
QULCH116 – Foreign and UK Qualifications gained

New in January 2011

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

Derive first:
QULCH11(1-5)
REG3 - Region of Residence three months ago (1 of 4)

START

1. If RESTME = 2-6, NO, RESMTH >= 3, NO, RESBBY = 1, NO, RESMTH(>0 AND <3), NO
   - REG3 = -8

2. If UALD3 = CH, CJ, CK, CL, CM, NO
   - REG3 = 01

3. If UALD3 = FA, FB, FC, FD, FF, 36UB, 36UC, 36UD, 36UE, 36UF, 36UG, 36UH
   - REG3 = 05

Uses:
- RESTME
- RESMTH
- RESBBY
- M3CRY
- UALD3

Derive First:
- UALD3
REG3 - Region of Residence three months ago (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, 32UG, 32UH, 34UB, 34UC, 34UD, 34UE, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UJ

UALD3 = JA, 12UB, 12UC, 12UD, 12UE, 12UG, 33UB, 33UC, 33UD, 33UE, 33UG, 33UH, 42UB, 42UC, 42UD, 42UE, 42UG, 42UH

UALD3 = AA, AG, AM, AN, AP, AU, AW, AY, AZ, BB, BE, BG, BJ, BK


REG3 = 06 EAST MIDLANDS

REG3 = 07 EAST ANGLIA

REG3 = 08 INNER LONDON

REG3 = 09 OUTER LONDON

REG3 = 10 REST OF SOUTH EAST
REG3 - Region of Residence three months ago (4 of 4)

6

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

NO

YES

UALD3 = WALES

REG3 = 17

UNG

UALD3 = QD, QQ, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF

NO

YES

UALD3 = STRATHCLYDE

REG3 = 18

UNG

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

NO

YES

UALD3 = REST OF SCOTLAND

REG3 = 19

UNG

UALD3 = 010-260, 460

NO

YES

REG3 = 20

NORTHERN IRELAND

ANY UNDEFINED VALUE OF REG3 IS AN ERROR
REGONE - Region of Residence one year ago (4 of 4)

**Region of Residence one year ago**

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

**NO**

- **UALDO**: QD, QG, QK, QL, QN, QS, QU, QY, QZ, RC, RE, RF

**NO**

- **UALDO**: QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QR, QT, QW, OX, RA, RB, RD, RG, RH, RJ

**NO**

- **UALDO**: QD, QG, QK, QL, QN, QS, QU, QY, QZ

**YES**

- **REGONE**: 17 WALES

**YES**

- **REGONE**: 18 STRATHCLYDE

**YES**

- **REGONE**: 19 REST OF SCOTLAND

**NO**

- **UALDO**: 010-260, 460

**NO**

- **REGONE**: 8 ANY UNDEFINED VALUE OF REGONE IS AN ERROR

**YES**

- **REGONE**: 20 NORTHERN IRELAND
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
  - Yes:
    - HOME2 = 4,8,-9
      - Yes:
        - WKPL299 = 999997
          - Yes:
            - UALDWK2 = H,CJ,CK,CL,CM
              - Yes:
                - REGWK2R = WORKPLACE OUTSIDE UK
              - Yes:
                - REGWK2R = TYNE & WEAR
              - Yes:
                - REGWK2R = OUTER LONDON
            - Yes:
              - REGWK2R = CENTRAL LONDON
          - Yes:
            - UALDWK2 = H,CJ,CK,CL,CM
              - Yes:
                - REGWK2R = WORKPLACE OUTSIDE UK
              - Yes:
                - REGWK2R = TYNE & WEAR
            - Yes:
              - REGWK2R = OUTER LONDON
          - Yes:
            - REGWK2R = INNER LONDON
        - Yes:
          - UALAD99 and LADWAD = List A (see page 6)
            - Yes:
              - REGWK2R = OUTER LONDON
            - Yes:
              - REGWK2R = CENTRAL LONDON
          - Yes:
            - REGWK2R = INNER LONDON
      - Yes:
        - URESMC = 1-7
          - Yes:
            - REGWK2R = URESMC
          - Yes:
            - REGWK2R = URESMC + 2
        - Yes:
          - REGWK2R = URESMC + 2
UALDWK2 = EB, EC, EE, EF, EH, 16UB, 16UC, 16UD, 16UE, 16UF, 16UG, 20UB, 20UD, 20UE, 20UF, 20UG, 20UH, 20JJ, 35UB, 35UC, 35UD, 35UE, 35UF, 35UG

UALDWK2 = CC, CE, CF, CG

UALDWK2 = CX, CY, CZ, DA, DB

UALDWK2 = FA, FB, FC, FD, FF, 36UB, 36UC, 36UD, 36UE, 36UF, 36UG, 36UH

UALDWK2 = FK, FN, FP, FY, 17UB, 17UC, 17UD, 17UF, 17UG, 17UH, 17JJ, 31UB, 31UC, 31UD, 31UE, 31UG, 31UH, 31JJ, 32UB, 32UC, 32UD, 32UF, 32UG, 32UH, 34UB, 34UC, 34UD, 34UE, 34UF, 34UG, 34UH, 37UB, 37UC, 37UD, 37UE, 37UF, 37UG, 37UJ

UALDWK2 = JA, 12UB, 12UC, 12UD, 12UE, 12UG, 33UB, 33UC, 33UD, 33UE, 33UF, 33UG, 33UH, 42UB, 42UC, 42UD, 42UE, 42UF, 42UG, 42UH

UALDWK2 = AA, AG, AM, AN, AP, AU, AW, AZ, BB, BE, BG, BJ

WKPL299 = List B (see page 6)

YES

NO

YES

REGWK2R = EAST MIDLANDS

REGWK2R = REST OF NORTH REGION

REGWK2R = SOUTH YORKSHIRE

REGWK2R = WEST YORKSHIRE

REGWK2R = REST OF YORKSHIRE & HUMBERSIDE

REGWK2R = EAST ANGLIA

REGWK2R = CENTRAL LONDON

REGWK2R = INNER LONDON (NOT CENTRAL)
REGWK2R - Region of place of work (5 of 6)

6 → NO
UALDWK2 = 010-260, 460

- NO → REGWKR2 = NA

YES

22
REGWK2R = 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>AUF,E, AUF,B</td>
</tr>
<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>AWFL</td>
</tr>
<tr>
<td>BE (LAMBETH)</td>
<td>BEF,J, BEF,K, BEF,U</td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>BKFA, BKFC, BKFD, BKFF, BKFL, BKFK, BKFR, BKFU, BKFW, BKFX, BKFZ</td>
</tr>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>ALLWAD96s</td>
</tr>
</tbody>
</table>

**LIST B**

<table>
<thead>
<tr>
<th>UALDWK</th>
<th>WKPL299</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>100201, 101024, 101691, 101903, 103531, 113676, 107109, 110328, 112213, 117919, 123040, 123043, 104323</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AG (CAMDEN)</td>
<td>101397, 102024, 106920, 109969, 117987, 118370, 118440, 112121</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AU (ISLINGTON)</td>
<td>107277, 111036, 123038, 115512, 118408, 104426</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>117876</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AY (LAMBETH)</td>
<td>111380</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>BE (SOUTHWARK)</td>
<td>101556, 102181, 112268, 114253, 118218</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>BG (TOWER HAMLETS)</td>
<td>111400</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>118294, 119029, 120883, 121687, 121763, 121996, 123046</td>
</tr>
</tbody>
</table>
REGWKR - Region of place of work (5 of 6)

UALDWK = 010-260 or 460

NO

REGWKR = -8
Not Answered

YES

REGWKR = 22
NORTHERN IRELAND
<table>
<thead>
<tr>
<th>LIST A</th>
<th>LIST B</th>
</tr>
</thead>
<tbody>
<tr>
<td>UALAD99</td>
<td>WKPL99</td>
</tr>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>100201, 101024, 101691, 101903, 103531, 113676, 107109, 110328, 112213, 117919, 123040, 123043, 104323</td>
</tr>
<tr>
<td>AG (CAMDEN)</td>
<td>101397, 102024, 106920, 109969, 117987, 118408, 115512, 118440, 118370</td>
</tr>
<tr>
<td>AU (ISLINGTON)</td>
<td>107277, 111036, 123038, 115207, 115229, 115257, 115588, 115648, 116379, 117972</td>
</tr>
<tr>
<td>AW (KENSINGTON &amp; CHELSEA)</td>
<td>117876, 117919</td>
</tr>
<tr>
<td>BE (LAMBETH)</td>
<td>111380</td>
</tr>
<tr>
<td>BK (WESTMINSTER)</td>
<td>117876</td>
</tr>
<tr>
<td>AA (CITY OF LONDON)</td>
<td>112213</td>
</tr>
</tbody>
</table>

REGWKR - Region of place of work (6 of 6)
RESTMR6 - Reason job temporary (reported) (3 of 3)

20 CASUAL: INCLUDED PERIOD OF TRAINING

21 CASUAL: CONTRACT FOR PROBATIONARY PERIOD

22 CASUAL: COULD NOT FIND PERMANENT JOB

23 CASUAL: DID NOT WANT PERMANENT JOB

24 CASUAL: OTHER REASON

25 CASUAL: NO REASON GIVEN

26 OTHER TEMP: INCLUDES PERIOD OF TRAINING

27 OTHER TEMP: CONTRACT FOR PROBATIONARY PERIOD

28 OTHER TEMP: COULD NOT FIND PERMANENT JOB

29 OTHER TEMP: DID NOT WANT PERMANENT JOB

30 OTHER TEMP: OTHER REASON

31 OTHER TEMP: NO REASON GIVEN
SAMELAD - Whether lives and works in the same UA/LAD or not

START
  ↓
WRKING=1
  ↓
  NO
  ↓
JBAWAY=1
  ↓
  NO
  ↓
OWNBUS=1
  ↓
  NO
  ↓
RELBUS=1
  ↓
  NO
  ↓
SAMELAD=-9
  ↓
DNA

SAMELAD=1
  ↓
LIVES & WORKS IN SAME UA/LAD

SAMELAD=-8
  ↓
NA TO PLACE OF WORK OR PLACE UNDEFINED OR WORKS ABROAD

SAMELAD=1
  ↓
LIVES & WORKS IN SAME UA/LAD

SAMELAD=-8
  ↓
NA TO PLACE OF WORK OR PLACE UNDEFINED OR WORKS ABROAD

HOME=1,2,3
  ↓
  NO
  ↓
WKPL99=950,999997,-9,-8
  ↓
  NO
  ↓
UALAD99=UALDWK
  ↓
  NO
  ↓
COUNTRY=5
  ↓
SAMELAD=2
  ↓
LIVES IN DIFFERENT UA/LAD TO PLACE OF WORK

Uses:
- COUNTRY
- UALAD99
- UALDWK
- WKPL99
- HOME
- WRKING
- JBAWAY
- RELBUS
- OWNBUS
SC10LMJ – Occupation in Last Job, SOC2010 major group level

Valid from January 2011

START

SOC10L = -9

NO

SOC10L = -8

NO

SC10LMJ = first digit of SOC10L

YES

YES

SC10LMJ = -9

(DNA)

SC10LMJ = -8

(NA)

Uses:
SOC10L

Derive First:
SOC10L
Uses:
SOC10L
Derive First:
SOC10L
Uses:
SOC10M

Derive First:
SOC10M
Uses:
SOC10M
Derive First:
SOC10M
SC10OMJ – Occupation in Job One Year Ago, SOC2010 major group level

Valid from January 2011

Uses:
SOC100

Derive First:
SOC100

START

SOC100 = -9

SOC100 = -8

NO

NO

YES

YES

SC10OMJ = first digit of SOC100

SC10OMJ = -9

(DNA)

SC10OMJ = -8

(NA)
**SC10OMN – Occupation in Job One Year Ago, SOC2010 minor group level**

**Valid from January 2011**

---

**Uses:**

SOC100

**Derive First:**

SOC100

---

**Diagram:**

1. **START**
2. **SOC10O = -9**
   - NO → **SOC10O = -8**
     - NO → **SC10OMN = first three digits of SOC10O**
     - YES → **SC10OMN = -9 (DNA)**
3. **YES**
   - **SOC10O = -9 (DNA)**
   - **SOC10O = -8 (NA)**

---

**Legend:**

- **SOC10O**: SOC100 value
- **SC10OMN**: SC10OMN value
- **YES**: Yes
- **NO**: No

---

**Notes:**

- **DNA**: Denotes Not Available
- **NA**: Denotes Not Available
SC10SMJ – Occupation in Second Job, SOC2010 major group level

Valid from January 2011

Uses:
SOC10S
Derive First:
SOC10S

START

SOC10S = -9

NO

SOC10S = -8

NO

SC10SMJ = first digit of SOC10S

YES

SC10SMJ = -9

(DNA)

YES

SC10SMJ = -8

(NA)
SC10SMN – Occupation in Second Job, SOC2010 minor group level

Valid from January 2011

Uses:
SOC10S
Derive First:
SOC10S
SECJMBR - Whether second job/status in second job

START

AGE <= 15

NO

TYPSC12

= 6, 7

YES

YES

YTETJB = 1

NO

YTETJB = 2

NO

-9

DNA

5

NO SECOND JOB

1

-8

NA TO SECOND JOB

WRKING = 1

YES

YES

SECJOB = 1

NO

SECJOB = 2

NO

-8

NA TO SECOND JOB

Y2JOB = 1

NO

YES

1

NO SECOND JOB

1

4

CHANGED JOB

1

STAT2 = 1

NO

STAT2 = 2

NO

YES

YES

3

STATUS NOT STATED

1

EMPLOYEE

2

SELF-EMPLOYED

Uses:

AGE
TYPSC12
WRKING
JBWAY
YTETJB
SECJOB
Y2JOB
STAT2

Derive First:

STAT2
SNGDEGB – Single subject of degree (banded) (1 of 6)

Uses:
FDSNGDEG
SNGHD
SNGDEGN
SNGDEGB – Single subject of degree (banded) (2 of 6)
SNGDEGB – Single subject of degree (banded) (3 of 6)
SNGDEGB – Single subject of degree (banded) (5 of 6)
SNGDEGB – Single subject of degree (banded) (6 of 6)

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
SOC10A – Occupation in Apprenticeship, 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.
SOC10L – Occupation in Last Job, SOC2010 unit level

START

EVERWK = NO

OCOD10M = NO

OCOD10M = NO

OCOD10M = NO

SOC10L = SOC10L = SOC10L = SOC10L =
-9 -9 -8 -9
(DNA) (DNA)

STAT = 1

YES

STAT = 4

YES

SOC10L = SOC10L = SOC10L = NO
-9 -8 -8
(DNA) (NA) (NA)

SOC10L = SOC10L =
-9 -9
(DNA) (DNA)

SOC10L = SOC10L =
-8 -8
(NA) (NA)

SOC10L = SOC10L =
3317, 3318 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.
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
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.
SOOLR - Self-employed with or without employees in last job (reported)

Uses:

EVERWK
SOLO

START

EVERWK = 1

NO

DNA

YES

SOOLR = SOLO
SOLOR - Self-employed with or without employees in main job (reported)

Uses:
EVERWK
SOLO

- EVERWK = 9
  - DNA
  - SOLOR = SOLO

START → EVERWK = 9 → NO → -9 → DNA

YES → SOLOR = SOLO
STATLR - Employment status in last job (reported)

START → EVERWK = 1

- NO → DNA
- YES → STATLR = STAT

Uses:
EVERWK
STAT
STATR - Employment status in main job (reported)

START → EVERWK = -9

-9 DNA

YES

STATR = STAT

Uses:
EVERWK
STAT
STUCUR - Whether full-time student

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. **JBAWAY = 1**
   - NO 
     - **TYPSC12 = 2** 
       - NO 
         - **ILLWK = 1** 
           - NO 
             - **ACTHR2 = 9** 
               - NO 
                 - **EVEROT = 8** 
                   - NO 
                     - **ACTHR2 = 99** OR -8 
                       - NO 

2. **ACTHR2 = 0.01-0.99**
   - NO 
     - **ACTHR2 = XX.5**
       - NO
         - **TOTHRS = ACTHR2 ROUNDED TO NEAREST WHOLE NUMBER. IF >97 SET TO 97**

3. **TOTAC2 + ACTHR2 ROUNDED TO NEAREST WHOLE 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

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

START
AGE <= 15
TTUSHR = -9 (DNA)

TTUSHR = -9
TOTUS1 = -9
NO
YES
TTUSHR = -9
(TOTUS1 = 99 OR -8)
NO
YES
TTUSHR = -8 (NA)

TTUSHR = 01
TOTUS1 = 0.01 - 0.99
NO
YES
TTUSHR = TOTUS1 ROUNDED TO THE NEAREST EVEN NUMBER

TTUSHR = TOTUS1 ROUNDED TO THE NEAREST WHOLE NUMBER

IF > 97 SET TO 97

TTUSHR = TOTUS2 ROUNDED TO THE NEAREST WHOLE NUMBER

IF > 97 SET TO 97

TTUSHR = TOTUS2 ROUNDED TO THE NEAREST EVEN NUMBER

IF > 97 SET TO 97

TTUSHR = TOTUS2

EVEROT = -8
NO
YES
TTUSHR = -8 (NA)

TTUSHR = -9 (DNA)

Uses:
AGE
TOTUS1
TOTUS2
EVEROT

NOTE: Where XX is a number in the range 00-97
TYEMPS - Type of employment sought (1 of 2)

START

AGE <= 15

NO

WRKING = 1

NO

JBAWAY = 1

NO

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

NO

YTETJB = 1

NO

1

YES

DIFJOB = 1

NO

-9 DNA

1

YES

LOOK4 = 1

NO

LKYT4 = 1

NO

NOLWM = 1

NO

WAIT = 1

NO

2

YES

LIKEWK = 1

NO

4

NO

11 LOOKING FOR A PLACE ON A GOVT. SCHEME

2

LKESELA = 1

NO

LKESELA = 3

NO

5 EMPLOYEE: TIME NOT STATED

NO

LKESELA = 2

NO

LKESELA = 4

NO

LKESELA = 1

NO

LKESELA = 3

NO

LKESELA = 5

NO

LKESELA = 6

NO

LKESELA = 7

NO

LKESELA = 8

NO

LKESELA = 9

NO

NO PREF: TIME NOT STATED

Uses:
AGE
WRKING
JBAWAY
DIFJOB
TYPSCH12
YTETJB
LOOK4
LKYT4
NOLWM
LIKEWK
WAIT
LKESELA
LKEFTPA
LKESELG
LKEFTPC

2 EMPLOYEE: FULL TIME

3 EMPLOYEE: PART TIME

4 EMPLOYEE: NO PREF

6 NO PREF: FULL TIME

7 NO PREF: PART TIME

8 NO PREF: NO PREF
TYEMPS - Type of employment sought (2 of 2)

**Flowchart Description:**
- If LKSELA = 2, then go to step 10 (Type of employment not stated).
- If LKSELA = 1, then:
  - If LKSELC = 1, go to step 5.
  - If LKSELC = 2, go to step 10 (Type of employment not stated).
- If LKSELC = 1, then:
  - If LKFTPC = 1, go to step 4.
  - If LKFTPC = 2, go to step 3.
- If LKFTPC = 1, then:
  - If LKFTPC = 1, go to step 2 (Employee: Full Time).
  - If LKFTPC = 2, go to step 3 (Employee: Part Time).
- If LKFTPC = 2, go to step 3 (Employee: Part Time).

**Steps and Outcomes:**
1. SELF EMPLOYED
2. Employee: Full Time
3. Employee: Part Time
4. EMPLOYEE: Time not stated
5. EMPLOYEE: Time not stated
6. EMPLOYEE: Time not stated
7. EMPLOYEE: Time not stated
8. EMPLOYEE: Time not stated
9. EMPLOYEE: Time not stated
10. TYPE OF EMP NOT STATED
TYPINT - Type of interview

START → REISS=1 → NO → TELFTF=1 → NO → TELFTF=2 → NO → COUNTRY=5 → NO →

TYPINT=8 VALUE OF -8 IS AN ERROR

YES →

TELFTF=1

YES →

HOUT=11,12,20

YES →

INTVNO=4000-4999

YES →

TYPINT=2 FACE TO FACE

TYPINT=1 TELEPHONE

TYPINT=2 FACE TO FACE

TYPINT=INTTYPID

Uses:
REISS
TELF TF
HOUT
INTVNO
INTTYPID
UALAD99 - Unitary Authority/County (1 of 8)

START

UALAD99 = EH NO

YES

EH
(DARLINGTON UA)

UALAD99 = EB NO

YES

EB
(HARTLEPOOL UA)

UALAD99 = EC NO

YES

EC
(MIDDLESBROUGH UA)

UALAD99 = EE NO

YES

EE
(REDCAR AND CLEVELAND UA)

UALAD99 = EF NO

YES

EF
(STOCKTON-ON-TEES UA)

UALAD99 = 20UB, 20UD, 20UE, 20UF, 20UG, 20UH, 20UJ

NO

1

UALAD99 = 35UB, 35UC, 35UD, 35UE, 35UF, 35UG

NO

YES

35
(NORTHUMBERLAND)

UALAD99 = CH, CJ, CK, CL, CM

NO

YES

49
(TYNE AND WEAR (MET COUNTY))

UALAD99 = EX NO

YES

EX
(BLACKBURN WITH DARWEN UA)

UALAD99 = EY NO

YES

EY
(BLACKPOOL UA)

UALAD99 = ET NO

YES

ET
(HALTON UA)

UALAD99 = EU

NO

2

UALAD99 = 13UB, 13UC, 13UD, 13UE, 13UG, 13UH

NO

YES

13
(CHESHIRE)

UALAD99 = 16UB, 16UC, 16UD, 16UE, 16UF, 16UG

NO

YES

16
(CUMBRIA)

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

NO

UES

50
(GREATER MANCHESTER (MET COUNTY))

UALAD99 = 30UB, 30UC, 30UD, 30UE, 30UF, 30UG, 30UH, 30UJ, 30UK, 30UL, 30UM, 30UN, 30UP, 30UQ

NO

30
(LANCASHIRE)

UALAD99 = BX, BY, BZ, CA, CB

NO

YES

51
(MERSEYSIDE (MET COUNTY))

Uses:

UALAD99

UALAD99 = MA

UALAD99 = ML

UALAD99 = MW

UALAD99 = LC

UALAD99 = MG

UALAD99 = MR

UALAD99 = MC

UALAD99 = MD

UALAD99 = MS

UALAD99 = MB

UALAD99 = ME

UALAD99 = MF

UALAD99 = 11UB, 11UC, 11UE, 11UF

UALAD99 = 21UB, 21UC, 21UD, 21UE, 21UF, 21UG, 21UH

UALAD99 = 24UB, 24UC, 24UD, 24UE, 24UF, 24UG, 24UH, 24UL, 24UN, 24UP

UALAD99 = 29UB, 29UC, 29UD, 29UE, 29UG, 29UH, 29UL, 29UM, 29UN, 29UP, 29UQ

UALAD99 = 38UB, 38UC, 38UD, 38UE, 38UF

UALAD99 = 43UB, 43UC, 43UD, 43UE, 43UF, 43UG, 43UH, 43UK, 43UL, 43UM

UALAD99 = 21

UALAD99 = 24

UALAD99 = 29

UALAD99 = 38

UALAD99 = 43

(OUTER LONDON)

(BRACKNELL FOREST UA)

(BRIGHTON AND HOVE UA)

(ISLE OF WIGHT UA)

(MEDWAY UA)

(MILTON KEYNES UA)

(PORTSMOUTH UA)

(READING UA)

(SLOUGH UA)

(SOUTHAMPTON UA)

(WEST BERKSHIRE UA)

(WINDSOR AND MAIDENHEAD UA)

(WOKINGHAM UA)

(BUCKINGHAMSHIRE)

(EAST SUSSEX)

(HAMPSHIRE)

(KENT)

(OXFORDSHIRE)

(SURREY)
UALAD99 = PT

NO

UALAD99 = NU

NO

UALAD99 = NQ

NO

UALAD99 = NE

NO

UALAD99 = NG

NO

UALAD99 = NJ

NO

UALAD99 = NC

NO

UALAD99 = PT

CARDIFF

UALAD99 = NU

CARMARTHENSIRE

UALAD99 = NQ

CEREDIGION

UALAD99 = NE

CONWY

UALAD99 = NG

DENBIGHSHIRE

UALAD99 = NJ

FLINTSHIRE

UALAD99 = NC

GWYNEDD

UALAD99 = NA

ISLE OF ANGLESEY

UALAD99 = PH

MERTHYR TYDFIL

UALAD99 = PP

MONMOUTHSHIRE

UALAD99 = NZ

NEATH PORT TALBOT

UALAD99 = PR

NEWPORT

UALAD99 = NS

PEMBROKESIRE

UALAD99 = NN

POWYS

UALAD99 = PF

RHONDDA, CYNON, TAFF

UALAD99 = NX

SWANSEA

UALAD99 = PM

TORFAEN

UALAD99 = PD

THE VALE OF GLAMORGAN

UALAD99 = NL

WREXHAM

UALAD99 = QA

ABERDEEN CITY

UALAD99 = QB

ABERDEENSHIRE
UALA - Unitary Authority/Local Area (5 of 11)

UALAD99 = KG

UALAD99 = 09UC, 09UD, 09UE

UALAD99 = 12UB, 12UC, 12UD, 12UE, 12UG

UALAD99 = 22UB, 22UC, 22UD, 22UE, 22UF, 22UG, 22UH, 22UJ, 22UK, 22UL, 22UN, 22UQ

UALAD99 = 26UB, 26UC, 26UD, 26UE, 26UF, 26UG, 26UH, 26UJ, 26UK, 26UL

UALAD99 = 33UB, 33UC, 33UD, 33UE, 33UF, 33UG, 33UH

UALAD99 = 42UB, 42UC, 42UD, 42UE, 42UF, 42UG, 42UH

UALAD99 = AG

UALAD99 = AM

UALAD99 = AN

UALAD99 = AP

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG

UALAD99 = AU

UALAD99 = AW

UALAD99 = AY

UALAD99 = AZ

UALAD99 = BB

UALAD99 = BE

UALAD99 = BG
UALADGB - Unitary Authorities and LADs of Great Britain

START

UALAD99 >= 010, UALAD99 <= 260.

UALAD99 = UALAD99

YES

UALAD99 = 460

NO

Uses:
UALAD99
UALD3 - Place of residence three months ago

START

- RESTME = 2 - 6
- RESMTH > = 2
- RESBBY = 1
- RESMTH < 3

YES

NO

UALD3 = 460
NORTHERN IRELAND

YES

NO

COUNTRY = 5

UALD3 = UALAD99

NO

YES

NO

M3CRY = 2

M3RES = 999997

NO

YES

YES

M3RES = 950, 200000 - 299999, 300000 - 499999

NO

YES

Use UALAD conversion list

UALD3 = 460
NORTHERN IRELAND

UALD3 = 499 (OUTSIDE UK)

UALD3 = -8
N/A

UALD3 = -9
baby under three months

UALD3 = 499

M3RES = 100001 - 199999, 200000 - 299999, 300000 - 499999

NO

YES

UALD3 = -8
N/A

NALD

Uses:
- RESTME
- RESMTH
- RESBBY
- M3CRY
- M3RES
- COUNTRY
- UALAD CONVERSION LIST

1

M3RES = 950, 50001

YES

NO

NO
UALDO - Place of residence one year ago (2 of 2)

2

OYEQM3 = 2

NO

UALDO = -8
N/A

YES

OYRESC-999997

NO

UALDO = 499
(OUTSIDE UK)

YES

UALDO = Use UALAD conversion list

3

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

NO

UALDO = 460
Northern Ireland

NO

OYRESC = 950, 500001

NO

UALDO = -8
N/A

YES

UALDO = Use UALAD conversion list

NO

OYRESC = 950, 500001

YES

UALDO = 460
Northern Ireland
**UALDWK - Place of Work**

START

- **WRKING=1**
  - **NO** → **JBAWAY=1**
    - **NO** → **OWNBUS=1**
      - **NO** → **RELBUS=1**
        - **NO** → **DNA**
        - **YES** → **UALDWK=UALAD99**
          - **NO** → **COUNTRY=5**
            - **NO** → **UALDWK=460**
              - **(NORTHERN IRELAND)**
            - **YES** → **WKPL99=100001-199999, 200000-299999, 300000-499999**
              - **NO** → **WKPL99=950, 500001**
                - **NO** → **UALDWK=8**
                  - **NA**

- **HOME=4 or -8**
  - **NO** → **COUNTRY = 5**
    - **NO** → **UALDWK=UALAD99**
    - **YES** → **UALDWK=460**
      - **(NORTHERN IRELAND)**

- **WKPL99=8**
  - **NO** → **WKPL99=999997**
    - **YES** → **UALDWK=8**
      - **NA**
    - **YES** → **UALDWK=499**
      - **(OUTSIDE UK)**
    - **YES** → **UALDWK=460**
      - **(NORTHERN IRELAND)**
URES PMC - Region of usual residence (1 of 4)

START

UALAD99=CH, CJ, CK, CL, CM

UALAD99=EB, EC, EE, EF, EH, 16UB, 16UC, 16UD, 16UE, 16UF, 16UG, 20UB, 20UD, 20UE, 20UF, 20UG, 20UH, 20UJ, 35UB, 35UC, 35UD, 35UE, 35UF, 35UG

URALAD99=CC, CE, CF, CG

URALAD99=OX, CY, CZ, DA, DB

URALAD99=FA, FB, FC, FD, FF, 36UB, 36UC, 36UD, 36UE, 36UF, 36UG, 36UH

URALAD99=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, 37UH

URES PMC=01

TURE PMC=02

TURE PMC=03

TURE PMC=04

URES PMC=05

URES PMC=06

Uses:
URALAD99
Derive First:
URALAD99
URES - Region of usual residence (3 of 4)

URESMC - West Midlands Metropolitan

UALAD99= CN, CQ, CR, CS, CT, CU, CW

NO

YES

URES=12

URES=13

URES=14

URES=15

URES=16

URES=17

UALAD99= 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,

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

YES

NO

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

UALAD99= NA, NC, NE, NG, NJ, NL, NN, NQ, NU, NS, NX, NZ, PB, PD, PF, PH, PK, PL, PM, PP, PR, PT

YES

NO

YES

YES

YES

NO

NO

NO

NO
URESMD - Region of usual residence (4 of 4)

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

UALAD99 = QA, QB, QC, QE, QF, QH, QJ, QM, QP, QQ, QR, QT, QW, QX, RA RB, RD, RG, RH, RJ

UALAD99 = 010-260,460

YES

URESMD=18
STRATHCLYDE

URESMD=19
REST OF SCOTLAND

URESMD=20
NORTHERN IRELAND

ANY UNDEFINED VALUE OF URESMD IS AN ERROR
WCHFR - Respondent usually works Friday

START

ALL OF WCHDAY(1-7) = -9

NO

ANY OF WCHDAY(1-7) = 5

NO

ALL OF WCHDAY(1-7) = -8

NO

WCHFR = 2
DOES NOT WORK FRIDAY

YES

DAYSPZ = 7

NO

WCHFR = -9
DNA

YES

WCHFR = 1
WORKS FRIDAY

YES

WCHFR = 1
WORKS FRIDAY

YES

WCHFR = -8
NA

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

START

ALL OF WCHDAY(1-7) = -9

NO

YES

ANY OF WCHDAY(1-7) = 1

NO

YES

WCHMO = -9 DNA

NO

DAYSPZ = 7

YES

WCHMO = 1 WORKS MONDAY

NO

WCHMO = 1 WORKS MONDAY

NO

WCHMO = -8 NA

YES

WCHMO = 2 DOES NOT WORK MONDAY

Uses:
WCHDAY(1-7)
DAYSPZ
WCHSA - Respondent usually works Saturday

Start:

ALL OF WCHDAY(1-7) = -9

If NO: ANY OF WCHDAY(1-7) = 6

If NO: ALL OF WCHDAY(1-7) = -8

If NO: WCHSA = 2

DOES NOT WORK SATURDAY

If YES: DAYSPZ = 7

If NO: DNA

If NO: WCHSA = 1

WORKS SATURDAY

If YES: WCHSA = 1

WORKS SATURDAY

If YES: WCHSA = -8

NA

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

- **ALL OF WCHDAY(1-7) = -9**
  - Yes: WCHSU = 1 WORKS SUNDAY
  - No: DAYSPZ = 7
- **DAYSPZ = 7** (if Yes)
  - No: DNA
  - Yes: WCHSU = 9
- **ANY OF WCHDAY(1-7) = 6**
  - No: WCHSU = 1 WORKS SUNDAY
- **ALL OF WCHDAY(1-7) = -8**
  - No: WCHSU = -8 NA

- **WCHSU = 2**
  - DOES NOT WORK SUNDAY
WCHTH - Respondent usually works Thursday

START

ALL OF WCHDAY(1-7) = -9

NO

ANY OF WCHDAY(1-7) = 4

NO

ALL OF WCHDAY(1-7) = -8

NO

WCHTH = 2 
DOES NOT WORK THURSDAY

YES

DAYSPZ = 7

NO

WCHTH = -9 
DNA

YES

WCHTH = 1 
WORKS THURSDAY

NO

WCHTH = 1 
WORKS THURSDAY

YES

WCHTH = -8 
NA

Uses:

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

START

ALL OF WCHDAY(1-7) = -9

ANY OF WCHDAY(1-7) = 2

ALL OF WCHDAY(1-7) = -8

WCHTU = 2

DOES NOT WORK TUESDAY

WCHTU = -9

DNA

DAYSPZ = 7

WCHTU = 1

WORKS TUESDAY

WCHTU = 1

WORKS TUESDAY

WCHTU = -8

NA

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

DAYSPZ = 7

NO

WCHWE = -9 DNA

YES

WCHWE = 1
WORKS WEDNESDAY

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

START

All ACTWKDY(1-7) = -9 → NO

Any ACTWKDY(1-7) = 5 → NO

YES

WKFRI = -9 DNA

YES

WKFRI = 1 WORKED ON FRIDAY

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

YES

WKMON = -9
DNA

ACTWKDY(1-7)

Any ACTWKDY(1-7) = 1

NO

WKMON = 1
WORKED ON MONDAY

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

WKSUN = 1 WORKED ON SUNDAY

WKSUN = 2 DID NOT WORK ON SUNDAY

Uses:

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

START

All ACTWKDY(1-7) = -9

WKTHU = -9 DNA

Any ACTWKDY(1-7) = 4

WKTHU = 1 WORKED ON THURSDAY

WKTHU = 2 DID NOT WORK ON THURSDAY

Uses:

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

START

All ACTWKDY(1-7) = -9

WKTUE = -9 DNA

Any ACTWKDY(1-7) = 2

WKTUE = 1 WORKED ON TUESDAY

WKTUE = 2 DID NOT WORK ON TUESDAY

Uses:

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

START

Diamond: All ACTWKDY(1-7) = -9
   - NO
   - YES
      WKWED = -9 DNA

Diamond: Any ACTWKDY(1-7) = 3
   - NO
   - YES
      WKWED = 1 WORKED ON WEDNESDAY

Rectangle: WKWED = 2 DID NOT WORK ON WEDNESDAY

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

Uses:
AGE
WRKING
JBAWAY
COUNTRY
SCHM12
FUND12
TYPSCCH12
OWNBUS
RELBUS
YTETJB
EVERWK
REFWKY
REFWKM
LEFTYR
LEFTM
When left job (2 of 4)

2

**EVERWK** = 1

**EVERWK** = 2

-9 DNA

**REFWKY - LEFTYR** >= 6

**LEFTYR** = -8

9 FIVE YRS OR MORE

8 4 YRS BUT LESS THAN 5 YRS

7 3 YRS BUT LESS THAN 4 YRS

6 2 YRS BUT LESS THAN 3 YRS

7 3 YRS BUT LESS THAN 4 YRS

3

NEVER HAD PAID JOB
WN2LFT11 - When left last job (3 of 4)

1. \( (\text{REFWKY} - \text{LEFTYR}) = 2 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - YES
     - \( \text{REFWKYM} \leq \text{LEFTM} \)
       - NO
       - \( \text{LEFTM} = -8 \)
         - YES
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 6-12 \)
             - NO
             - \( \text{REFWKYM} \) = 12 MTHS BUT LESS THAN 18 MTHS
               - NO
               - 18 MTHS BUT LESS THAN 2 YRS
                 - NO
                 - 6 MTHS BUT LESS THAN 12 MTHS
                   - NO
                   - 3 MTHS BUT LESS THAN 6 MTHS
                     - NO
                     - 1 LESS THAN 3 MTHS
                       - NO
                       - -8 NA

2. \( (\text{REFWKY} - \text{LEFTYR}) = 1 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - YES
     - \( \text{REFWKYM} \leq \text{LEFTM} \)
       - NO
       - \( \text{LEFTM} = -8 \)
         - YES
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 6-11 \)
             - NO
             - \( \text{REFWKYM} \) = 12 MTHS BUT LESS THAN 18 MTHS
               - NO
               - 18 MTHS BUT LESS THAN 2 YRS
                 - NO
                 - 6 MTHS BUT LESS THAN 12 MTHS
                   - NO
                   - 3 MTHS BUT LESS THAN 6 MTHS
                     - NO
                     - 1 LESS THAN 3 MTHS
                       - NO
                       - -8 NA

3. \( (\text{REFWKY} - \text{LEFTYR}) = 0 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

4. \( (\text{REFWKY} - \text{LEFTYR}) = -1 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

5. \( (\text{REFWKY} - \text{LEFTYR}) = -2 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

6. \( (\text{REFWKY} - \text{LEFTYR}) = -3 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

7. \( (\text{REFWKY} - \text{LEFTYR}) = -4 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

8. \( (\text{REFWKY} - \text{LEFTYR}) = -5 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

9. \( (\text{REFWKY} - \text{LEFTYR}) = -6 \)
   - NO
   - \( \text{LEFTM} = -8 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - YES
       - \( \text{REFWKYM} \leq \text{LEFTM} \)
         - NO
         - \( \text{REFWKYM} < \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
             - NO
             - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
               - NO
               - -8 NA

10. \( (\text{REFWKY} - \text{LEFTYR}) = -7 \)
     - NO
     - \( \text{LEFTM} = -8 \)
       - NO
       - \( \text{LEFTM} = -8 \)
         - YES
         - \( \text{REFWKYM} \leq \text{LEFTM} \)
           - NO
           - \( \text{REFWKYM} < \text{LEFTM} \)
             - NO
             - \( \text{REFWKYM} - \text{LEFTM} = 0-2 \)
               - NO
               - \( \text{REFWKYM} \) = 2 YRS BUT LESS THAN 3 YRS
                 - NO
                 - -8 NA
WN2LFT11 - When left last job (4 of 4)

![Flowchart Diagram]

**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
WNLEFT11 - When left last job (1 of 4)

Uses:
AGE
WRKING
JBAWAY
COUNTRY
SCHM12
FUND12
TYPSCH12
OWNBUS
RELBUS
YTETJB
EVERWK
REFWKY
REFWKM
LEFTYR
LEFTM
WNLEFT11 - When left last job (3 of 4)

(REFWKY - LEFTYR) = 2

- Yes
  - (REFWKY - LEFTYR) = 1
    - No
      - (REFWKY - LEFTYR) = 1
        - Yes
          - 2 YRS BUT LESS THAN 3 YRS
        - No
          - RIGHTM = -8
            - Yes
              - 1 YR BUT LESS THAN 2 YRS
            - No
              - RIGHTM = -8
                - Yes
                  - 1 YR BUT LESS THAN 2 YRS
          - RIGHTM = -8
            - Yes
              - 1 YR BUT LESS THAN 2 YRS
            - No
              - (REFWKY+12) - LEFTM = 6 - 11
                - Yes
                  - 6 MTHS BUT LESS THAN 12 MTHS
                - No
                  - (REFWKY+12) - LEFTM = 3 - 5
                    - Yes
                      - 3 MTHS BUT LESS THAN 6 MTHS
                    - No
                      - (REFWKY+12) - LEFTM = 0 - 2
                        - Yes
                          - 1 LESS THAN 3 MTHS
                        - No
                          - NA

- No
  - (REFWKY - LEFTYR) = 1
    - Yes
      - 1 YR BUT LESS THAN 2 YRS
    - No
      - RIGHTM = -8
        - Yes
          - 1 YR BUT LESS THAN 2 YRS
        - No
          - RIGHTM = -8
            - Yes
              - 1 YR BUT LESS THAN 2 YRS
            - No
              - (REFWKY+12) - LEFTM = 6 - 11
                - Yes
                  - 6 MTHS BUT LESS THAN 12 MTHS
                - No
                  - (REFWKY+12) - LEFTM = 3 - 5
                    - Yes
                      - 3 MTHS BUT LESS THAN 6 MTHS
                    - No
                      - (REFWKY+12) - LEFTM = 0 - 2
                        - Yes
                          - 1 LESS THAN 3 MTHS
                        - No
                          - NA
WNLEFT11 - When left last job (4 of 4)

1. When left last job (4 of 4)
   - \( (\text{RFWKY} - \text{LEFTYR}) = 0 \)
     - **NO**
     - **YES**

2. \( \text{LEFTM} = -8 \)
   - **NO**
   - **YES**

3. \( (\text{RFWKM} \ - \ \text{LEFTM}) = 6 \ - 11 \)
   - **NO**
   - **YES**

4. \( (\text{RFWKM} \ - \ \text{LEFTM}) = 3 \ - 5 \)
   - **NO**
   - **YES**

5. \( (\text{RFWKM} \ - \ \text{LEFTM}) = 0 \ - 2 \)
   - **NO**
   - **YES**

-8 NA

**KEY:**

1. Less than 3 months
2. 3 months but less than 6 months
3. 6 months but less than 12 months
4. 1 year but less than 2 years
5. 2 years but less than 3 years
6. 3 years but less than 4 years
7. 4 years but less than 5 years
8. 5 years or more
9. Never had a paid job
-8 No Answer
-9 Not Applicable