

## Ethnicity in the LFS, consistent over time

The accompanying Excel table shows the variable names which record *Ethnicity* in the LFS from 1979-2005. A colour coding system is used to indicate those years where the variable categories are the same. For example, 2001 to 2005 has the same categories for respondent's ethnicity in "Ethcen15" variable.

As the names of variables are recorded in each cell, the colour change only indicates a category change over the years.

The category labels and values for each period block are separately reported in the different worksheets in the file.

There are three variables consistent over time derived for the ethnicity in the LFS:

1. The first is **ETHWNW** with two categories which distinguish White and non-White covers 1979 to 2005 period.
2. The second variable is **ETH92\_05** with 12 categories covers 1992 to 2005 period.
3. The third variable is **ETHOTLFS** with 9 categories covers 1981 to 2005 period.

The following syntax in SPSS could be used to derive **ETHWNW** variable for the following years and periods.

## 1. Derived variable "ETHWNW" (with 2 categories)

The following syntax in SPSS could be used to derive ETHWNW variable.

### ***"ETHWNW" covering period 1979- 2005***

#### **1979**

recode variable named "ETHORC"

recode var29

(0 thru 3 =1) (13=1) (4 thru 11=2) into **ETHWNW**.

Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'

2 'non-White'.

#### **1981**

recode ETHOR

(1=1) (2 thru 10=2) into **ETHWNW**.

Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'

2 'non-White'.

#### **1983**

recode ETHORIE

(1=1) (2 thru 35=2) into **ETHWNW**.

Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'

2 'non-White'.

#### **1984-91**

recode ETHNIC

(1=1) (2 thru 35=2) into **ETHWNW**.  
Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'  
2 'non-White'.

### **1992-2001Feb**

recode ETHCEN

(0 =1) (1 thru 11=2) into **ETHWNW**.

Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'  
2 'non-White'.

Conversion of ethnic group categories for derived variable "**ETHWNW**"  
(white/non-white) for period 1992-Feb2001

<b>Code</b>	<b>Ethcen Categories</b>	<b>Code</b>	<b>Derived variable ETHWNW categories</b>
0	White	1	White
1	Black Caribbean	2	Non-white
2	Black African	2	Non-white
3	Black-other non-mixed	2	Non-white
4	Black-mixed	2	Non-white
5	Indian	2	Non-white
6	Pakistani	2	Non-white
7	Bangladeshi	2	Non-white
8	Chinese	2	Non-white
9	Other Asian non-mixed	2	Non-white
10	Other-other non-mixed	2	Non-white
11	Other-mixed	2	Non-white

**Mar-May2001- Mar-May2005**

recode ETHCEN15

(1, 2, -6=1) (3 thru 15=2) into **ETHWNW**.

Execute.

VARIABLE LABELS

**ETHWNW** 'Ethnicity consistent overtime White & non-White categories'.

VALUE LABELS **ETHWNW**

1 'White'

2 'non-White'.

Conversion of ethnic group categories for derived variable "**ETHWNW**"  
(white/non-white) for period Mar2001-2005

<b>Code</b>	<b>Ethcen15 Categories</b>	<b>Code</b>	<b>Derived variable ETHWNW categories</b>
1	British white	1	White
2	Other white	1	White
3	White and black Caribbean	2	Non-white
4	White and black African	2	Non-white
5	White and Asian	2	Non-white
6	Other mixed	2	Non-white
7	Indian	2	Non-white
8	Pakistani	2	Non-white
9	Bangladeshi	2	Non-white
10	Other Asian	2	Non-white
11	Black Caribbean	2	Non-white
12	Black African	2	Non-white
13	Other Black	2	Non-white
14	Chinese	2	Non-white
15	Other	2	Non-white
-6	White Northern Irish	1	White

## 2. Derived variable "ETH92\_05" (with 12 categories)

The following syntax in SPSS could be used to derive ETH92\_05 variable for the following years and periods. To do so, the variable "ETHCEN15" is converted to the "ETHCEN". Please see the accompanying Excel file which illustrates the coverage period.

### ***"ETH92\_05" covering period Mar-May1992-Mar-May2005***

#### **For period 1992-Feb2001**

```
rename ETHCEN ETH92_05
```

#### **For period May2001-2005**

```
recode ETHCEN15
```

```
(-6, 1, 2 =0) (11 =1) (12 =2) (13 =3) (3, 4 =4) (7 =5) (8 =6) (9 =7) (14 =8) (10 =9) (15 =10) (5, 6 =11) into ETH92_05.
```

Execute.

VARIABLE LABELS

**ETH92\_05** 'Ethnicity consistent overtime with 12 categories'.

VALUE LABELS **ETH92\_05**

0	'White'
1	'Black-Caribbean'
2	'Black-African'
3	'Black-other (non-mixed)'
4	'Black-Mixed'
5	'Indian'
6	'Pakistani'
7	'Bangladeshi'
8	'Chinese'
9	'Other Asian (non-mixed)'
10	'Other-Other (non-mixed)'
11	'Other-mixed'.

Conversion of ethnic group categories for second derived variable  
**"ETH92\_05"** for period Mar2001-2005

<b>Code</b>	<b>Ethcen15 Categories</b>	<b>Code</b>	<b>Derived variable ETH92_05 categories</b>
1	British white	0	White
2	Other white	0	White
3	White and black Caribbean	4	Black-mixed
4	White and black African	4	Black-mixed
5	White and Asian	11	Other-mixed
6	Other mixed	11	Other-mixed
7	Indian	5	Indian
8	Pakistani	6	Pakistani
9	Bangladeshi	7	Bangladeshi
10	Other Asian	9	Other-Asian
11	Black Caribbean	1	Black Caribbean
12	Black African	2	Black African
13	Other Black	3	Black-other non-mixed
14	Chinese	8	Chinese
15	Other	10	Other-other non-mixed
-6	White Northern Irish	0	White

### 3. Derived variable "ETHOTLFS" (with 9 categories)

The following syntax in SPSS could be used to derive **ETHOTLFS** variable for the following years and periods

#### ***"ETHOTLFS" covering period 1981-2005***

##### **1981-1991 converting ETHNIC into "ETHOTLFS"**

###### **1981**

recode ethor  
(8 =10) (ELSE =COPY) into **ETHOTLFS**.  
Execute.

VARIABLE LABELS

**ETHOTLFS** 'Ethnicity consistent overtime with 9 categories'.

VALUE LABELS **ETHOTLFS**

1	'White'
2	'Black-Caribbean'
3	'Indian'
4	'Pakistani'
5	'Bangladeshi'
6	'Chinese'
7	'Black-African'
9	'Mixed'
10	'Other'.

###### **1983-1991**

###### 1983 only:

First rename the variable ethorie "ethnic"

###### For 1983-1991:

recode ethnic  
(9, 34 =9) (11 thru 22 =9) (8, 10, 35 =10) (23 thru 33 =10) (else =copy)  
into **ETHOTLFS**.  
Execute.

###### For 1990/1

recode ethnic  
(9, 33, 34 =9) (11 thru 22 =9) (8, 10, 35 =10) (23 thru 32 =10) (else  
=copy) into **ETHOTLFS**.  
Execute.

VARIABLE LABELS

**ETHOTLFS** 'Ethnicity consistent overtime with 9 categories'.

VALUE LABELS **ETHOTLFS**

- 1 'White'
- 2 'Black-Caribbean'
- 3 'Indian'
- 4 'Pakistani'
- 5 'Bangladeshi'
- 6 'Chinese'
- 7 'Black-African'
- 9 'Mixed'
- 10 'Other'.

**1992-Feb2001 converting ETHCEN into "ETHOTLFS"**

recode ethcen

(0 =1) (1 =2) (5 =3) (6 =4) (7 =5) (8 =6) (2 =7) (4, 11=9) (3, 9, 10 =10)  
into **ETHOTLFS**.

Execute.

VARIABLE LABELS

**ETHOTLFS** 'Ethnicity consistent overtime with 9 categories'.

VALUE LABELS **ETHOTLFS**

- 1 'White'
- 2 'Black-Caribbean'
- 3 'Indian'
- 4 'Pakistani'
- 5 'Bangladeshi'
- 6 'Chinese'
- 7 'Black-African'
- 9 'Mixed'
- 10 'Other'.

Conversion of ethnic group categories in stage 2 for derived variable **"ETHOTLFS"** for period 1992—2001

Code	Ethcen Categories	Code	Derived variable ETHOTLFS categories
0	White	1	White
1	Black Caribbean	2	Black Caribbean
2	Black African	7	Black African
3	Black-other non-mixed	10	Other
4	Black-mixed	9	Mixed
5	Indian	3	Indian
6	Pakistani	4	Pakistani
7	Bangladeshi	5	Bangladeshi
8	Chinese	6	Chinese
9	Other Asian non-mixed	10	Other
10	Other-other non-mixed	10 <sub>g</sub>	Other
11	Other-mixed	9	Mixed

### **Mar2001-2005 converting ETHCEN into "ETHOTLFS"**

recode ethcen15

(1,2,-6 =1) (11 =2) (7 =3) (8 =4) (9 =5) (14 =6) (12 =7) (3 thru 6=9)  
(10, 13, 15 =10) into **ETHOTLFS**.

Execute.

VARIABLE LABELS

**ETHOTLFS** 'Ethnicity consistent overtime with 9 categories'.

VALUE LABELS **ETHOTLFS**

1 'White'  
2 'Black-Caribbean'  
3 'Indian'  
4 'Pakistani'  
5 'Bangladeshi'  
6 'Chinese'  
7 'Black-African'  
9 'Mixed'  
10 'Other'.

Conversion of ethnic group categories for derived variable "**ETHOTLFS**" for period Mar2001-2005

<b>Code</b>	<b>Ethcen15 Categories</b>	<b>Code</b>	<b>Derived variable ETHOTLFS categories</b>
1	British white	1	White
2	Other white	1	White
3	White and black Caribbean	9	Mixed
4	White and black African	9	Mixed
5	White and Asian	9	Mixed
6	Other mixed	9	Mixed
7	Indian	3	Indian
8	Pakistani	4	Pakistani
9	Bangladeshi	5	Bangladeshi
10	Other Asian	10	Other
11	Black Caribbean	2	Black Caribbean
12	Black African	7	Black African
13	Other Black	10	Other
14	Chinese	6	Chinese
15	Other	10	Other
-6	White Northern Irish	1	White