

**PUBLIC**

e-liv-data-notes-240604.doc



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# e-Living Waves 1 and 2

## Release notes

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**This document logs known issues concerning e-living waves 1 and 2**

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[www.eurescom.de/e-living](http://www.eurescom.de/e-living)

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## 1 Background

The e-Living data was released first as wave 1 (in 2002/3) and then as waves 1 and 2 (in 2003/4). This document begins with the first release of the combined waves 1 and 2 to the UKDA in January 2004. At this point wave 1 data was at release 3.0 and the wave 2 data was at release 1.0.

## 2 UKDA Deposit January 2004

Wave 1 = Version 3.0

Wave 2 = version 1.0

Response rates:

	UK	Italy	Germany	Norway	Bulgaria	Israel	Total
W1 achieved	1760	1762	1756	1753	1750	1751	10532
W1 response rate	36%	42%	43%	35%	77%	39%	45%
W2 achieved	1153	1153	1160	1216	1457	1064	7203
W2 Response as % of wave 1 achieved	66%	65%	66%	69%	83%	61%	68%
W2 Respondents diary completed	1137	1149	1159	1215	1454	532	6646
w2 Partners in hh							
W2 Partners interviewed	373	316	400	438	870	312	2709
w2 Partner response rate							
W2 Partners diary completed	363	315	400	435	868	7	2388
Wave 2 respondent diaries as % of survey	99%	100%	100%	100%	100%	50%	92%
Wave 2 partner diaries as % of survey	97%	100%	100%	99%	100%	2%	88%

## 3 New data releases

### 3.1 June 2004

As a result of apparently very low Israeli respondent and partner time-diary data at wave 2, the fieldwork the fieldwork agency 'found' missing respondent and partners' diary data and this is incorporated into Wave 2 version 2.0. Note that the appropriate response variables (bqdcum and bpdcom) have not been updated by the agency – they still report too few Israeli diaries. To fix this see Section 4.1

Release status: Not yet released to UKDA. Download it from the e-living website at <http://www.eurescom.de/e-living/data/eliv-w2-v2.0.sav.zip> (winzipped SPSS file).

Wave 1 = Version 3.0

Wave 2 = Version 2.0

New response rates:

	UK	Italy	Germany	Norway	Bulgaria	Israel	Total
W1 Achieved	1760	1762	1756	1753	1750	1751	10532
W1 Response rate	36%	42%	43%	35%	77%	39%	45%
W2 Achieved	1153	1153	1160	1216	1457	1061	7200
W2 Response as % of wave 1 achieved	66%	65%	66%	69%	83%	60%	68%
W2 Respondents diary completed	1137	1149	1159	1215	1454	1052	6646
W2 Partners in hh	445	335	433	511	870	630	3224
W2 Partners interviewed	373	316	400	438	870	311	2708
W2 Partner response rate	84%	94%	92%	86%	100%	49%	84%
W2 Partners diary completed	363	317	400	438	868	310	2388

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W2 respondent diaries as % of survey	99%	100%	100%	100%	100%	99%	92%
W2 partner diaries as % of survey	97%	100%	100%	100%	100%	100%	88%

---

## 4 Bug fixes (no new data)

### 4.1 Respondent and partner diary response variable (bqdc com and bpdcom)

These variables indicate whether or not the respondent/partner completed a diary. In Wave 2 v2.0 it has not been corrected to include the 'found' Israeli diary data so it still records too few diaries for Israel. You can fix this either by amending the old variables (not recommended) or creating new ones using the spss code provided in Section 6.1

### 4.2 Income errors in wave 1 and 2 in many countries

STATA script from Malcolm Brynin and Beate Lichtwardt of ISER, University of Essex fixes these. See Section 6.1. The script is also available from

[http://www.eurescom.de/e-living/data/w1\\_pay\\_correction.do.txt](http://www.eurescom.de/e-living/data/w1_pay_correction.do.txt)

and

[http://www.eurescom.de/e-living/data/w2\\_pay\\_correction.do.txt](http://www.eurescom.de/e-living/data/w2_pay_correction.do.txt)

The corrected data is available in STATA format only from: 

<http://www.eurescom.de/e-living/data/eliv-w1-v3.0-paycor.dta.zip>

<http://www.eurescom.de/e-living/data/eliv-w2-v2.0-paycor.dta.zip>

### 4.3 Errors in Israeli partner PC usage data (BPUSEPC1-5 and BPUMENT1-5)

In Wave 2 v2.0 there are 422 cases for the variables BPUSEPC1-5 and BPUMENT1-5 (partner PC/Internet use) where according to bpmcom (interview completion indicator) there are no partners but they are coded as 'not mentioned' as opposed to 'system missing'. These are all for Israel. This means that there are many more apparent 'not mentioning' partners in these variables than there should be.

To see this run the following SPSS code:

```
CROSSTABS
  /TABLES= BPUSEPC1 BPUMENT1 BY bpmcom BY bdqcount
  /FORMAT= AVALUE TABLES
  /CELLS= COUNT .
```

The solution is either to recode the variables or to filter out all those partners who did not complete the survey (i.e. only use cases where BPMCOM=1).

## 5 Unresolved issues

### 5.1 Very low overall Israeli partner responses at wave 2

Unresolved. Agency stopped attempting interviews.

### 5.2 Apparent non-random response (geographical distribution) in Bulgaria from wave 1

This problem feeds through to wave 2. Currently unresolved.

## 6 Appendices

### 6.1 New partner diary completion variable

The following is the spss code required.

```
* benander@essex.ac.uk
* June 2004.

* Fix respondent diary response variable.
* Copy in the values from bpdcom.
recode bqdcom (else=copy) into bpdcomn.
* assume that if partner reports sleep that they completed diary.
IF (bactlr >= 0) bqdcomn = 1 .
* put back the partials from bpdcom (assumes new ones are complete).
if bqdcom=2 bpdcomn=2.
VARIABLE LABELS bpdcomn 'Recoded partner diary completion' .
val labs bpdcomn
1 'Yes, diary completed'
2 'Yes, partially completed'
3 'Interview not completed'
4 'No partner'
5 'No diary'.
EXECUTE .

* Fix partner diary response variable.
* Copy in the values from bpdcom.
recode bpdcom (else=copy) into bpdcomn.
* assume that if partner reports sleep that they completed diary.
IF (bactlp >= 0) bpdcomn = 1 .
* put back the partials from bpdcom (assumes new ones are complete).
if bpdcom=2 bpdcomn=2.
VARIABLE LABELS bpdcomn 'Recoded partner diary completion' .
val labs bpdcomn
1 'Yes, diary completed'
2 'Yes, partially completed'
3 'Interview not completed'
4 'No partner'
5 'No diary'.
EXECUTE .

CROSSTABS
/TABLES= bpdcom bpdcomn BY bdqcount
/FORMAT= AVALUE TABLES
/CELLS= COUNT .
* this appears to pick up all but 1 of the missing Israeli partner diaries
* but none of the 2 Bulgarian and 10 UK missing diaries.
```

The results of the crosstabs are as follows:

Before recoding:

Recoded partner diary completion * Country of Interview Crosstabulation							
	UK	Italy	Germany	Norway	Bulgaria	Israel	Total
Yes, diary completed	363	315	400	435	868	7	2388
Yes, partially completed		1		3			4
Interview not completed	271	247	302	379	587	328	2114
No partner	509	590	458	399		422	2378
No diary	10				2	304	316
	1153	1153	1160	1216	1457	1061	7200

After recoding:

Recoded partner diary completion * Country of Interview Crosstabulation							
	UK	Italy	Germany	Norway	Bulgaria	Israel	Total

Yes, diary completed	365	321	405	437	870	311	2709
Yes, partially completed		1		3			4
Interview not completed	269	241	297	377	587	328	2099
No partner	509	590	458	399		422	2378
No diary	10						10
	1153	1153	1160	1216	1457	1061	7200

## 6.2 Income corrections script

Malcolm Brynin (brins@essex.ac.uk)

Beate Lichtwardt (blicht@essex.ac.uk)

The new variables need to be created in each wave (have a/b prefix as appropriate)

1. Original variable: qownpay
2. An edited version of qownpay: qownp\_e.
3. A Euro conversion of qownpay: qownpne using the euro rate of the time.
4. Euro conversion of qownp\_e: qownpe using the euro rate of the time.
5. Monthly unedited pay: monpay
6. Monthly edited pay: monpaye
7. Hourly non-edited pay: hrpay
8. Hourly edited - pay or hours might be edited: hrpaye

The following STATA code will create them.

### 6.2.1 Wave 1

```
*****
* pay-variables-edition      *
*****
gen aqownp_e=aqownpay
label variable  aqownp_e "gross pay - edited"

gen aqhrs_e=aqhours
label variable  aqhrs_e "hours work per week - edited"

gen aqpayp_e=aqpayper
label variable  aqpayp_e "period pay covers - edited"

*****
*case-corrections for UK    *
*****
replace aqownp_e=23000 if aserial==110240
replace aqownp_e=30000 if aserial==110654
replace aqownp_e=22000 if aserial==110995
replace aqownp_e=22000 if aserial==112074
replace aqownp_e=1100  if aserial==112260
replace aqownp_e=40000 if aserial==118073
replace aqownp_e=29000 if aserial==118439
replace aqownp_e=25000 if aserial==120491
replace aqownp_e=15000 if aserial==121650
replace aqownp_e=25000 if aserial==121888
replace aqownp_e=23000 if aserial==116422
replace aqownp_e=21000 if aserial==117949
replace aqownp_e=17920 if aserial==119988
replace aqownp_e=15000 if aserial==123127
replace aqownp_e=1500  if aserial==113518
replace aqownp_e=2400  if aserial==116285
replace aqownp_e=21000 if aserial==117817
replace aqownp_e=26000 if aserial==117898
```

```
replace aqownp_e=28500 if aserial==120751
```

```
replace aqhrs_e=39 if aserial==112388
replace aqhrs_e=12 if aserial==113128
```

```
replace aqpayp_e=7 if aserial==113276
replace aqpayp_e=4 if aserial==113431
replace aqpayp_e=7 if aserial==120780
```

```
*variable indicating that a pay-variable has been edited
*****
```

```
g apayedit=0
```

```
replace apayedit=11 if aserial==110240
replace apayedit=11 if aserial==110654
replace apayedit=11 if aserial==110995
replace apayedit=11 if aserial==112074
replace apayedit=11 if aserial==112260
replace apayedit=11 if aserial==118073
replace apayedit=11 if aserial==118439
replace apayedit=11 if aserial==120491
replace apayedit=11 if aserial==121650
replace apayedit=11 if aserial==121888
replace apayedit=11 if aserial==123456
replace apayedit=11 if aserial==116422
replace apayedit=11 if aserial==117949
replace apayedit=11 if aserial==119988
replace apayedit=11 if aserial==123127
replace apayedit=11 if aserial==113518
replace apayedit=11 if aserial==116285
replace apayedit=11 if aserial==117817
replace apayedit=11 if aserial==117898
replace apayedit=11 if aserial==120751
```

```
replace apayedit=21 if aserial==112388
replace apayedit=21 if aserial==113128
replace apayedit=31 if aserial==113276
replace apayedit=31 if aserial==113431
replace apayedit=31 if aserial==120780
```

```
label variable apayedit "whether a pay-related variable has been edited"
lab def apayedit 11 "aqownp_e edited for wave 1" 21 "aqhrs_e edited for wave 1" 31
"aqpayp_e edited for wave 1"
lab val apayedit apayedit
```

```
*variable indicating doubts about the validity of answers
*****
```

```
g adoubt=0
```

```
replace adoubt=21 if aserial==112388
replace adoubt=21 if aserial==113128
replace adoubt=21 if aserial==115362
replace adoubt=21 if aserial==117772
replace adoubt=11 if aserial==112777
replace adoubt=11 if aserial==115387
replace adoubt=11 if aserial==111203
replace adoubt=11 if aserial==113258
replace adoubt=11 if aserial==114418
replace adoubt=11 if aserial==114443
replace adoubt=31 if aserial==116102
replace adoubt=31 if aserial==121066
```

```
label variable adoubt "doubts about the reliability of a pay-related variable"
lab def adoubt 21 "aqhours/aqhrs_e for wave 1 doubted" 11 "aqownpay/aqownp_e for wave
1 doubted" 31 "aqpayper/aqpayp_e for wave 1 doubted"
lab val adoubt adoubt
```

```

*****
*case-corrections for Italy *
*****
replace aqhrs_e=37 if aserial==235801
replace aqhrs_e=34 if aserial==241032
replace aqhrs_e=36 if aserial==242452

replace aqpayp_e=4 if aserial==232003
replace aqpayp_e=7 if aserial==233402
replace aqpayp_e=7 if aserial==234460
replace aqpayp_e=7 if aserial==234547
replace aqpayp_e=7 if aserial==234911
replace aqpayp_e=1 if aserial==237260
replace aqpayp_e=7 if aserial==237549
replace aqpayp_e=7 if aserial==238291
replace aqpayp_e=7 if aserial==238636
replace aqpayp_e=7 if aserial==239236

*variable indicating that a pay-variable has been edited
*****
replace apayedit=21 if aserial==235801
replace apayedit=21 if aserial==241032
replace apayedit=21 if aserial==242452

replace apayedit=31 if aserial==232003
replace apayedit=31 if aserial==233402
replace apayedit=31 if aserial==234460
replace apayedit=31 if aserial==234547
replace apayedit=31 if aserial==234911
replace apayedit=31 if aserial==237260
replace apayedit=31 if aserial==237549
replace apayedit=31 if aserial==238291
replace apayedit=31 if aserial==238636
replace apayedit=31 if aserial==239236

*variable indicating doubts about the validity of answers
*****
replace adoubt=11 if aserial==237978
replace adoubt=11 if aserial==238305

*****
*case-corrections for Germany *
*****

replace aqhrs_e=37 if aserial==324182
replace aqhrs_e=60 if aserial==329715
replace aqhrs_e=60 if aserial==330579

replace aqpayp_e=1 if aserial==322078
replace aqpayp_e=7 if aserial==326338
replace aqpayp_e=4 if aserial==327589

*variable indicating that a pay-variable has been edited
*****
replace apayedit=21 if aserial==324182
replace apayedit=21 if aserial==329715
replace apayedit=21 if aserial==330579
replace apayedit=31 if aserial==322078
replace apayedit=31 if aserial==326338
replace apayedit=31 if aserial==327589

*variable indicating doubts about the validity of answers
*****

```

```
replace adoubt=21 if aserial==322378
replace adoubt=21 if aserial==324085
replace adoubt=11 if aserial==324341
```

```
*****
*case-corrections for Norway *
*****
```

```
replace aqownp_e=500000 if aserial==443329
replace aqownp_e=250000 if aserial==443490
replace aqownp_e=290000 if aserial==443494
replace aqownp_e=450000 if aserial==443521
replace aqownp_e=350000 if aserial==443544
replace aqownp_e=500000 if aserial==443588
replace aqownp_e=600000 if aserial==443648
replace aqownp_e=260000 if aserial==443714
replace aqownp_e=260000 if aserial==443778
replace aqownp_e=220000 if aserial==443844
replace aqownp_e=300000 if aserial==443889
replace aqownp_e=250000 if aserial==444079
replace aqownp_e=130000 if aserial==444391
replace aqownp_e=365000 if aserial==444627
replace aqownp_e=240000 if aserial==444634
replace aqownp_e=180000 if aserial==444658
replace aqownp_e=255000 if aserial==444758
replace aqownp_e=300000 if aserial==445054
replace aqownp_e=370000 if aserial==445347
replace aqownp_e=320000 if aserial==445406
replace aqownp_e=240000 if aserial==445468
replace aqownp_e=280000 if aserial==445478
replace aqownp_e=140000 if aserial==446224
replace aqownp_e=290000 if aserial==446421
replace aqownp_e=300000 if aserial==446453
replace aqownp_e=400000 if aserial==446730
replace aqownp_e=300000 if aserial==446804
replace aqownp_e=170000 if aserial==446830
replace aqownp_e=400000 if aserial==446940
replace aqownp_e=300000 if aserial==447099
replace aqownp_e=345000 if aserial==447353
replace aqownp_e=210000 if aserial==447456
replace aqownp_e=260000 if aserial==447523
replace aqownp_e=400000 if aserial==447600
replace aqownp_e=700000 if aserial==447646
replace aqownp_e=300000 if aserial==447669
replace aqownp_e=100000 if aserial==447813
replace aqownp_e=170000 if aserial==447832
replace aqownp_e=270000 if aserial==448514
replace aqownp_e=450000 if aserial==448676
replace aqownp_e=430000 if aserial==448792
replace aqownp_e=500000 if aserial==449239
replace aqownp_e=30000 if aserial==449242
replace aqownp_e=150000 if aserial==449338
replace aqownp_e=20000 if aserial==449437
replace aqownp_e=310000 if aserial==449446
replace aqownp_e=350000 if aserial==449617
replace aqownp_e=300000 if aserial==449761
replace aqownp_e=260000 if aserial==449938
replace aqownp_e=320000 if aserial==450008
replace aqownp_e=350000 if aserial==450068
replace aqownp_e=460000 if aserial==450346
replace aqownp_e=260000 if aserial==450480
replace aqownp_e=11700 if aserial==450514
replace aqownp_e=410000 if aserial==450577
replace aqownp_e=300000 if aserial==450621
```

```
replace aqhrs_e=38 if aserial==445129
replace aqhrs_e=40 if aserial==445557
replace aqhrs_e=38 if aserial==445621
replace aqhrs_e=49 if aserial==446883
```

```
replace aqhrs_e=41 if aserial==447002
replace aqhrs_e=43 if aserial==447588
replace aqhrs_e=84 if aserial==447591
replace aqhrs_e=26 if aserial==447818
replace aqhrs_e=52 if aserial==447834
replace aqhrs_e=33 if aserial==447849
replace aqhrs_e=39 if aserial==449104
replace aqhrs_e=46 if aserial==449890
replace aqhrs_e=52 if aserial==450126
replace aqhrs_e=38 if aserial==450480
```

```
replace aqpayp_e=7 if aserial==443567
replace aqpayp_e=7 if aserial==443889
replace aqpayp_e=4 if aserial==444263
replace aqpayp_e=7 if aserial==446224
replace aqpayp_e=7 if aserial==449309
replace aqpayp_e=4 if aserial==450514
```

```
*variable indicating that a pay-variable has been edited
*****
```

```
replace apayedit=11 if aserial==443329
replace apayedit=11 if aserial==443490
replace apayedit=11 if aserial==443494
replace apayedit=11 if aserial==443521
replace apayedit=11 if aserial==443544
replace apayedit=11 if aserial==443588
replace apayedit=11 if aserial==443648
replace apayedit=11 if aserial==443714
replace apayedit=11 if aserial==443778
replace apayedit=11 if aserial==443844
replace apayedit=11 if aserial==443889
replace apayedit=11 if aserial==444079
replace apayedit=11 if aserial==444391
replace apayedit=11 if aserial==444627
replace apayedit=11 if aserial==444634
replace apayedit=11 if aserial==444658
replace apayedit=11 if aserial==444758
replace apayedit=11 if aserial==445054
replace apayedit=11 if aserial==445347
replace apayedit=11 if aserial==445406
replace apayedit=11 if aserial==445468
replace apayedit=11 if aserial==445478
replace apayedit=11 if aserial==446224
replace apayedit=11 if aserial==446421
replace apayedit=11 if aserial==446453
replace apayedit=11 if aserial==446730
replace apayedit=11 if aserial==446804
replace apayedit=11 if aserial==446830
replace apayedit=11 if aserial==446940
replace apayedit=11 if aserial==447099
replace apayedit=11 if aserial==447353
replace apayedit=11 if aserial==447456
replace apayedit=11 if aserial==447523
replace apayedit=11 if aserial==447600
replace apayedit=11 if aserial==447646
replace apayedit=11 if aserial==447669
replace apayedit=11 if aserial==447813
replace apayedit=11 if aserial==447832
replace apayedit=11 if aserial==448514
```

```
replace apayedit=11 if aserial==448676
replace apayedit=11 if aserial==448792
replace apayedit=11 if aserial==449239
replace apayedit=11 if aserial==449242
replace apayedit=11 if aserial==449338
replace apayedit=11 if aserial==449437
replace apayedit=11 if aserial==449446
```

```

replace apayedit=11 if aserial==449617
replace apayedit=11 if aserial==449761
replace apayedit=11 if aserial==449938
replace apayedit=11 if aserial==450008
replace apayedit=11 if aserial==450068
replace apayedit=11 if aserial==450346
replace apayedit=11 if aserial==450480
replace apayedit=11 if aserial==450514
replace apayedit=11 if aserial==450577
replace apayedit=11 if aserial==450621

```

```

replace apayedit=21 if aserial==445129
replace apayedit=21 if aserial==445557
replace apayedit=21 if aserial==445621
replace apayedit=21 if aserial==446883
replace apayedit=21 if aserial==447002
replace apayedit=21 if aserial==447588
replace apayedit=21 if aserial==447591
replace apayedit=21 if aserial==447818
replace apayedit=21 if aserial==447834
replace apayedit=21 if aserial==447849
replace apayedit=21 if aserial==449104
replace apayedit=21 if aserial==449890
replace apayedit=21 if aserial==450126
replace apayedit=21 if aserial==450480

```

```

replace apayedit=31 if aserial==443567
replace apayedit=31 if aserial==443889
replace apayedit=31 if aserial==444263
replace apayedit=31 if aserial==446224
replace apayedit=31 if aserial==450514
replace apayedit=31 if aserial==449309

```

```

*variable indicating doubts about the validity of answers
*****

```

```

replace adoubt=11 if aserial==444312
replace adoubt=11 if aserial==444369
replace adoubt=11 if aserial==444391
replace adoubt=11 if aserial==450117
replace adoubt=11 if aserial==444586
replace adoubt=11 if aserial==445222
replace adoubt=11 if aserial==445316
replace adoubt=11 if aserial==445589
replace adoubt=11 if aserial==446247
replace adoubt=11 if aserial==446416
replace adoubt=11 if aserial==447513
replace adoubt=11 if aserial==447602
replace adoubt=11 if aserial==447767
replace adoubt=11 if aserial==447978
replace adoubt=11 if aserial==448464
replace adoubt=11 if aserial==448855

```

```

replace adoubt=21 if aserial==444369
replace adoubt=21 if aserial==447092
replace adoubt=21 if aserial==448894
replace adoubt=21 if aserial==450714
replace adoubt=21 if aserial==450729

```

```

*****
*case-corrections for Bulgaria *
*****

```

```

replace aqhrs_e=38 if aserial==501104
replace aqhrs_e=38 if aserial==505214
replace aqhrs_e=42 if aserial==515114
replace aqhrs_e=40 if aserial==517213

```

```

*variable indicating that a pay-variable has been edited

```

```
*****
replace apayedit=21 if aserial==501104
replace apayedit=21 if aserial==505214
replace apayedit=21 if aserial==515114
replace apayedit=21 if aserial==517213
```

```
*variable indicating doubts about the validity of answers
*****
replace adoubt=11 if aserial==501703
replace adoubt=21 if aserial==502102
replace adoubt=21 if aserial==502107
replace adoubt=11 if aserial==504403
replace adoubt=11 if aserial==507311
replace adoubt=11 if aserial==507406
replace adoubt=11 if aserial==508210
replace adoubt=11 if aserial==510302
replace adoubt=21 if aserial==513503
replace adoubt=11 if aserial==515303
replace adoubt=11 if aserial==515412
replace adoubt=11 if aserial==515608
replace adoubt=11 if aserial==516002
```

```
*****
*case-corrections for Israel *
*****
```

```
replace aqhrs_e=38 if aserial==600932
replace aqhrs_e=18 if aserial==600960
replace aqhrs_e=49 if aserial==602154
replace aqhrs_e=25 if aserial==602185
```

```
*variable indicating that a pay-variable has been edited
*****
replace apayedit=21 if aserial==600932
replace apayedit=21 if aserial==600960
replace apayedit=21 if aserial==602154
replace apayedit=21 if aserial==602185
```

```
*variable indicating doubts about the validity of answers
*****
replace adoubt=21 if aserial==601561
replace adoubt=11 if aserial==604417
```

```
*****
*conversion into euros *
*****
```

```
*gross pay, edited
gen aqownpe=aqownp_e*1.62 if adqcount==1 & aqownp_e>0
replace aqownpe=aqownp_e*0.0005164 if adqcount==2 & aqownp_e>0
replace aqownpe=aqownp_e*0.51 if adqcount==3 & aqownp_e>0
replace aqownpe=aqownp_e*0.13 if adqcount==4 & aqownp_e>0
replace aqownpe=aqownp_e*0.512 if adqcount==5 & aqownp_e>0
replace aqownpe=aqownp_e*0.23 if adqcount==6 & aqownp_e>0
label variable aqownpe "gross pay (edited) in EURO"
```

```
*gross pay, non-edited
gen aqownpne=aqownpay*1.62 if adqcount==1 & aqownpay>0
replace aqownpne=aqownpay*0.0005164 if adqcount==2 & aqownpay>0
replace aqownpne=aqownpay*0.51 if adqcount==3 & aqownpay>0
replace aqownpne=aqownpay*0.13 if adqcount==4 & aqownpay>0
replace aqownpne=aqownpay*0.512 if adqcount==5 & aqownpay>0
```

```
replace aqownpne=aqownpay*0.23 if adqcount==6 & aqownpay>0
label variable aqownpne "gross pay (non-edited) in EURO"
```

```
*****
* monthly/hourly pay          *
*****
```

```
*with edited pay-variables and in euros
g amonpaye=aqownpe*52/12 if aqpayp_e==1 & aqownpe>0
replace amonpaye=aqownpe*26/12 if aqpayp_e==2 & aqownp_e>0
replace amonpaye=aqownpe*13/12 if aqpayp_e==3 & aqownp_e>0
replace amonpaye=aqownpe if aqpayp_e==4 & aqownp_e>0
replace amonpaye=aqownpe/3 if aqpayp_e==5 & aqownp_e>0
replace amonpaye=aqownpe/6 if aqpayp_e==6 & aqownp_e>0
replace amonpaye=aqownpe/12 if aqpayp_e==7 & aqownp_e>0
```

```
g ahrpaye=(amonpaye*12/52)/aqhrs_e
```

```
label variable amonpaye "monthly pay (edited) in EURO"
label variable ahrpaye "hourly pay (edited) in EURO"
```

```
*with non-edited pay-variables and in euros
g amonpay=aqownpne*52/12 if aqpayper==1 & aqownpne>0
replace amonpay=aqownpne*26/12 if aqpayper==2 & aqownpne>0
replace amonpay=aqownpne*13/12 if aqpayper==3 & aqownpne>0
replace amonpay=aqownpne if aqpayper==4 & aqownpne>0
replace amonpay=aqownpne/3 if aqpayper==5 & aqownpne>0
replace amonpay=aqownpne/6 if aqpayper==6 & aqownpne>0
replace amonpay=aqownpne/12 if aqpayper==7 & aqownpne>0
```

```
g ahrpay=(amonpay*12/52)/aqhours
```

```
label variable amonpay "monthly pay (non-edited) in EURO"
label variable ahrpay "hourly pay (non-edited) in EURO"
```

## 6.2.2 Wave 2

```
*****
* pay-variable-edition      *
*****
```

```
gen bqownp_e=bqownpay
label variable bqownp_e "gross pay - edited"
```

```
gen bqhrs_e=bqhours
label variable bqhrs_e "hours work per week - edited"
```

```
gen bqpayp_e=bqpayper
label variable bqpayp_e "period pay covers - edited"
```

```
*****
*case-corrections for UK    *
*****
replace bqownp_e=1500 if bserial==123456
```

```
replace bqhrs_e=30 if bserial==110462
replace bqhrs_e=40 if bserial==111003
replace bqhrs_e=39 if bserial==113518
replace bqhrs_e=29 if bserial==115387
replace bqhrs_e=39 if bserial==122407
replace bqhrs_e=62 if bserial==122913
```

```

*variable indicating that a pay-variable has been edited
*****
g bpayedit=0
replace bpayedit=22 if bserial==110462
replace bpayedit=22 if bserial==111003
replace bpayedit=22 if bserial==113518
replace bpayedit=22 if bserial==115387
replace bpayedit=22 if bserial==122407
replace bpayedit=22 if bserial==122913

label variable bpayedit "whether a pay-related variable has been edited"
lab def bpayedit 12 "bqownp_e changed for wave 2" 22 "bqhrs_e changed for wave 2" 32
"bqpayp_e changed for wave 2"
lab val bpayedit bpayedit

*variable indicating doubts about the validity of answers
*****
g bdoubt=0
replace bdoubt=22 if bserial==115362
replace bdoubt=22 if bserial==117772
replace bdoubt=12 if bserial==123804
replace bdoubt=12 if bserial==113258
replace bdoubt=12 if bserial==114418
replace bdoubt=12 if bserial==114443

label variable bdoubt "doubts about the reliability of a pay-related variable"
lab def bdoubt 22 "bqhours/bqhrs_e for wave 2 doubted" 12 "bqownpay/bqownp_e for wave
2 doubted" 32 "bqpayper/bqpayp_e for wave 2 doubted"
lab val bdoubt bdoubt

*****
*case-corrections for Italy *
*****
replace bqownp_e=1187.72 if bserial==233040
replace bqownp_e=10800 if bserial==240290
replace bqownp_e=32000 if bserial==240950

replace bqhrs_e=47 if bserial==233641
replace bqhrs_e=45 if bserial==235986
replace bqhrs_e=49 if bserial==236924

replace bqpayp_e=4 if bserial==237187
replace bqpayp_e=7 if bserial==239004

*variable indicating that a pay-variable has been edited
*****
replace bpayedit=12 if bserial==233040
replace bpayedit=12 if bserial==240290
replace bpayedit=12 if bserial==240950

replace bpayedit=22 if bserial==233641
replace bpayedit=22 if bserial==235986
replace bpayedit=22 if bserial==236924

replace bpayedit=32 if bserial==237187
replace bpayedit=32 if bserial==239004

*variable indicating doubts about the validity of answers
*****
replace bdoubt=22 if bserial==233321
replace bdoubt=22 if bserial==238255
replace bdoubt=12 if bserial==241173
replace bdoubt=22 if bserial==242095

```

```

*****
*case-corrections for Germany *
*****
replace bqownp_e=2200 if bserial==322849
replace bqownp_e=1700 if bserial==326775
replace bqownp_e=5000 if bserial==330767
replace bqownp_e=2800 if bserial==326142
replace bqownp_e=4500 if bserial==326778
replace bqownp_e=3000 if bserial==327361
replace bqownp_e=4000 if bserial==328540

replace bqhrs_e=14 if bserial==326321

replace bqpayp_e=1 if bserial==323394
replace bqpayp_e=7 if bserial==323461
replace bqpayp_e=1 if bserial==326038
replace bqpayp_e=7 if bserial==326536
replace bqpayp_e=1 if bserial==330790

*variable indicating that a pay-variable has been edited
*****
replace bpayedit=12 if bserial==322849
replace bpayedit=12 if bserial==326775
replace bpayedit=12 if bserial==330767
replace bpayedit=12 if bserial==326142
replace bpayedit=12 if bserial==326778
replace bpayedit=12 if bserial==327361
replace bpayedit=12 if bserial==328540
replace bpayedit=22 if bserial==326321
replace bpayedit=32 if bserial==323394
replace bpayedit=32 if bserial==323461
replace bpayedit=32 if bserial==326038
replace bpayedit=32 if bserial==326536
replace bpayedit=32 if bserial==330790

*variable indicating doubts about the validity of answers
*****
replace bdoubt=12 if bserial==322415
replace bdoubt=12 if bserial==323902
replace bdoubt=12 if bserial==324182
replace bdoubt=12 if bserial==326778
replace bdoubt=12 if bserial==327361
replace bdoubt=22 if bserial==327589
replace bdoubt=22 if bserial==328717
replace bdoubt=12 if bserial==330327

*****
*case-corrections for Norway *
*****
replace bqownp_e=11200 if bserial==446694
replace bqownp_e=24000 if bserial==449620
replace bqownp_e=465000 if bserial==444502
replace bqownp_e=300000 if bserial==448531

replace bqhrs_e=36 if bserial==443093
replace bqhrs_e=38 if bserial==449684

replace bqpayp_e=7 if bserial==444627
replace bqpayp_e=7 if bserial==449179

*variable indicating that a pay-variable has been edited
*****
replace bpayedit=12 if bserial==444502
replace bpayedit=12 if bserial==446694

```

```
replace bpayedit=12 if bserial==448531
```

```
replace bpayedit=22 if bserial==443093
```

```
replace bpayedit=22 if bserial==449684
```

```
replace bpayedit=22 if bserial==449620
```

```
replace bpayedit=32 if bserial==444627
```

```
replace bpayedit=32 if bserial==449179
```

```
*variable indicating doubts about the validity of answers
```

```
*****
```

```
replace bdoubt=12 if bserial==444586
```

```
replace bdoubt=12 if bserial==445222
```

```
replace bdoubt=12 if bserial==445316
```

```
replace bdoubt=12 if bserial==445589
```

```
replace bdoubt=12 if bserial==446247
```

```
replace bdoubt=12 if bserial==446416
```

```
replace bdoubt=12 if bserial==447513
```

```
replace bdoubt=12 if bserial==447602
```

```
replace bdoubt=12 if bserial==447767
```

```
replace bdoubt=12 if bserial==447978
```

```
replace bdoubt=12 if bserial==447904
```

```
replace bdoubt=12 if bserial==448464
```

```
replace bdoubt=12 if bserial==448855
```

```
replace bdoubt=22 if bserial==443950
```

```
replace bdoubt=22 if bserial==450714
```

```
replace bdoubt=22 if bserial==450729
```

```
*****
```

```
*case-corrections for Bulgaria *
```

```
*****
```

```
replace bqownp_e=90 if bserial==508002
```

```
replace bqownp_e=150 if bserial==509413
```

```
replace bqownp_e=320 if bserial==510905
```

```
replace bqownp_e=200 if bserial==511703
```

```
replace bqownp_e=150 if bserial==511710
```

```
replace bqownp_e=400 if bserial==511714
```

```
replace bqownp_e=250 if bserial==512809
```

```
replace bqownp_e=150 if bserial==515504
```

```
*variable indicating that a pay-variable has been edited
```

```
*****
```

```
replace bpayedit=12 if bserial==508002
```

```
replace bpayedit=12 if bserial==509413
```

```
replace bpayedit=12 if bserial==510905
```

```
replace bpayedit=12 if bserial==511703
```

```
replace bpayedit=12 if bserial==511710
```

```
replace bpayedit=12 if bserial==511714
```

```
replace bpayedit=12 if bserial==512809
```

```
replace bpayedit=12 if bserial==515504
```

```
*variable indicating doubts about the validity of answers
```

```
*****
```

```
replace bdoubt=22 if bserial==501011
```

```
replace bdoubt=22 if bserial==502102
```

```
replace bdoubt=22 if bserial==502107
```

```
replace bdoubt=12 if bserial==504303
```

```
replace bdoubt=12 if bserial==505101
```

```
replace bdoubt=12 if bserial==507311
```

```
replace bdoubt=12 if bserial==507406
```

```
replace bdoubt=12 if bserial==508210
```

```
replace bdoubt=12 if bserial==510302
```

```
replace bdoubt=12 if bserial==513507
```

```
replace bdoubt=12 if bserial==515303
replace bdoubt=12 if bserial==515608
replace bdoubt=12 if bserial==516002
replace bdoubt=12 if bserial==516512
```

```
*****
*case-corrections for Israel *
*****
```

```
replace bqownp_e=4000 if bserial==600035
replace bqownp_e=2500 if bserial==600183
replace bqownp_e=6000 if bserial==600206
replace bqownp_e=11000 if bserial==600305
replace bqownp_e=2000 if bserial==600352
replace bqownp_e=7000 if bserial==600807
replace bqownp_e=6000 if bserial==600810
replace bqownp_e=5500 if bserial==601164
replace bqownp_e=9400 if bserial==601371
replace bqownp_e=24000 if bserial==601462
replace bqownp_e=4000 if bserial==601620
replace bqownp_e=6000 if bserial==601891
replace bqownp_e=3600 if bserial==601971
replace bqownp_e=8000 if bserial==602155
replace bqownp_e=10000 if bserial==602204
replace bqownp_e=800 if bserial==602251
replace bqownp_e=7000 if bserial==602297
replace bqownp_e=13000 if bserial==603394
replace bqownp_e=5000 if bserial==603764
replace bqownp_e=2000 if bserial==603850
replace bqownp_e=12000 if bserial==604284
```

```
replace bqhrs_e=39 if bserial==600195
replace bqhrs_e=39 if bserial==600688
replace bqhrs_e=38 if bserial==600920
replace bqhrs_e=24 if bserial==601585
```

```
*variable indicating that a pay-variable has been edited
*****
```

```
replace bpayedit=12 if bserial==322849
replace bpayedit=12 if bserial==600035
replace bpayedit=12 if bserial==600183
replace bpayedit=12 if bserial==600206
replace bpayedit=12 if bserial==600305
replace bpayedit=12 if bserial==600352
replace bpayedit=12 if bserial==600807
replace bpayedit=12 if bserial==600810
replace bpayedit=12 if bserial==601164
replace bpayedit=12 if bserial==601371
replace bpayedit=12 if bserial==601462
replace bpayedit=12 if bserial==601620
replace bpayedit=12 if bserial==601891
replace bpayedit=12 if bserial==601971
replace bpayedit=12 if bserial==602155
replace bpayedit=12 if bserial==602204
replace bpayedit=12 if bserial==602251
replace bpayedit=12 if bserial==602297
replace bpayedit=12 if bserial==603394
replace bpayedit=12 if bserial==603764
replace bpayedit=12 if bserial==603850
replace bpayedit=12 if bserial==604284

replace bpayedit=22 if bserial==600195
replace bpayedit=22 if bserial==600688
replace bpayedit=22 if bserial==600920
replace bpayedit=22 if bserial==601585
```

```

*variable indicating doubts about the validity of answers
*****
replace bdoubt=22 if bserial==600661
replace bdoubt=22 if bserial==601501
replace bdoubt=22 if bserial==604417

*****
*conversion into euros *
*****

*gross pay, edited
*****
gen bqownpe=bqownp_e*1.62 if bdqcount==1 & bqownp_e>0
replace bqownpe=bqownp_e if bdqcount==2
replace bqownpe=bqownp_e if bdqcount==3
replace bqownpe=bqownp_e*0.13 if bdqcount==4 & bqownp_e>0
replace bqownpe=bqownp_e*0.512 if bdqcount==5 & bqownp_e>0
replace bqownpe=bqownp_e*0.23 if bdqcount==6 & bqownp_e>0
label variable bqownpe "gross pay (edited) in EURO"

*gross pay, non-edited
*****
gen bqownpne=bqownpay*1.62 if bdqcount==1 & bqownpay>0
replace bqownpne=bqownpay if bdqcount==2
replace bqownpne=bqownpay if bdqcount==3
replace bqownpne=bqownpay*0.13 if bdqcount==4 & bqownpay>0
replace bqownpne=bqownpay*0.512 if bdqcount==5 & bqownpay>0
replace bqownpne=bqownpay*0.23 if bdqcount==6 & bqownpay>0
label variable bqownpne "gross pay (non-edited) in EURO"

*****
* monthly/hourly pay *
*****

*with edited pay-variables and in euros
*****
g bmonpaye=bqownpe*52/12 if bqpayp_e==1 & bqownpe>0
replace bmonpaye=bqownpe*26/12 if bqpayp_e==2 & bqownp_e>0
replace bmonpaye=bqownpe*13/12 if bqpayp_e==3 & bqownp_e>0
replace bmonpaye=bqownpe if bqpayp_e==4 & bqownp_e>0
replace bmonpaye=bqownpe/3 if bqpayp_e==5 & bqownp_e>0
replace bmonpaye=bqownpe/6 if bqpayp_e==6 & bqownp_e>0
replace bmonpaye=bqownpe/12 if bqpayp_e==7 & bqownp_e>0

*lires-case-corrections for Italy
*errors where pay has probably been recorded in lires
g beurror1=0
replace beurror1=1 if bmonpaye>30000 & bmonpaye!=. & bdqcount==2
replace bmonpaye=bmonpaye*0.0005164 if beurror==1
replace bqownpe=bqownpe*0.0005164 if beurror==1

g bhrpaye=(bmonpaye*12/52)/bqhrs_e

label variable bmonpaye "monthly pay (edited) in EURO"
label variable bhrpaye "hourly pay (edited) in EURO"

*with non-edited pay-variables and in euros
*****
g bmonpay=bqownpne*52/12 if bqpayper==1 & bqownpne>0
replace bmonpay=bqownpne*26/12 if bqpayper==2 & bqownpne>0
replace bmonpay=bqownpne*13/12 if bqpayper==3 & bqownpne>0

```

```
replace bmonpay=bqownpne if bqpayper==4 & bqownpne>0
replace bmonpay=bqownpne/3 if bqpayper==5 & bqownpne>0
replace bmonpay=bqownpne/6 if bqpayper==6 & bqownpne>0
replace bmonpay=bqownpne/12 if bqpayper==7 & bqownpne>0

g bhrpay=(bmonpay*12/52)/bqhours

label variable bmonpay "monthly pay (non-edited) in EURO"
label variable bhrpay "hourly pay (non-edited) in EURO"
```