



EUROPEAN COMMISSION
EUROSTAT

Directorate F: Social statistics
Unit F-3: Labour Market and lifelong learning

EU LABOUR FORCE SURVEY
TRANSCODING TABLES

TOPIC 1:
Technical items

OOSAMPLE

Codes or value

- 1 Person is part of the post-IESS FR sample
- 2 Person is not part of the post-IESS FR sample

pre-IESS FR		post-IESS FR
HHTYPE	WSTATOR	OOSAMPLE
2,3,4	-	2
-	4	2
1	1,2,3,5,9	1

Notes

This **new variable** applies to the series up to 2020. It is to be used to filter all other post-IESS FR variables: persons not part of the post-IESS FR sample should not be considered at all, not even for the calculation of the population size or in the denominators of the participation and the employment rates.

All following variables should be empty in case of OOSAMPLE=2. In the transcoding tables, the quote "Out of sample" will reflect the peculiarity of those excluded persons.

REFYEAR

Codes or value

YYYY Year of survey (4 digits)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	REFYEAR	REFYEAR
2	-	Out of sample
1	YYYY	= pre-IESS FR REFYEAR code

REFWEEK

Codes or value

01-53 Number of the week (2 digits)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	REFWEEK	REFWEEK
2	-	Out of sample
1	01-53	= pre-IESS FR REFWEEK code

REFMONTH

Codes or value

01-12 Number of the month (2 digits)

Notes

This variable is not recoverable by means of transcoding but can be calculated. Definition and implementing guidelines are the same as those in the explanatory notes for the post-IESS FR REFMONTH variable and can be used to calculate the codes starting from the REFYEAR and REFWEEK variables.

An overview for the years 2001 to 2020 is provided in the annex of this document (in line with the annex of the post-IESS FR explanatory notes presenting the situation until 2057).

INTWEEK

Codes or value

01-53 Number of the week (2 digits)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	INTWEEK	INTWEEK
2	-	Out of sample
1	01-53	= pre-IESS FR INTWEEK code

HHTYPE

Codes or value

- 1 Person surveyed and living in the same private household
- 2 Person surveyed in the private household but living in an institution
- 3 Person surveyed in the private household but living in another private household

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHTYPE	HHTYPE
2	-	Out of sample
1	1	1

Notes

The new target population does not cover pre-IESS FR HHTYPE cases 2 to 4. Such cases are hence not included in the transcoding.

STRATUM

Codes or value

Not blank	Stratum identifier (15 character alphanumeric)
Blank	Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	STRATUM	STRATUM
2	-	Out of sample
1	Stratum identifier	= pre-IESS FR STRATUM code

Notes

This variable is not part of the previous regulation; it has just been collected on a voluntary basis. Moreover, countries that have no stratification at first stage do not transmit this variable.

The pre-IESS FR variable STRATUM is not always available. Eurostat started asking information on the STRATUM variable in 2016 but several countries also sent back data for 2015.

PSU

Codes or value

Not blank Primary sampling unit identifier (15 character alphanumeric)

Blank Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	PSU	PSU
2	-	Out of sample
1	PSU identifier	= pre-IESS FR PSU code

Notes

This variable is not part of the previous regulation; it has just been collected on a voluntary basis.

The pre-IESS FR variable PSU is not always available, depending on the sampling design. Eurostat started asking information on the PSU variable in 2016 but several countries also sent back data for 2015.

FSU

Codes or value

Not blank	Final sampling unit identifier (15 character alphanumeric)
Blank	Not applicable (only for the not sampled persons in a sample of individuals)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	FSU	FSU
2	-	Out of sample
1	FSU identifier	= pre-IESS FR FSU code

Notes

This variable is not part of the previous regulation; it has just been collected on a voluntary basis.

Eurostat started asking information on the FSU variable in 2017.

DEWEIGHT

Codes or value

Not blank Design weight (7 digits: first 5 contain whole number, following 2 are decimals)

Blank Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	DEWEIGHT	DEWEIGHT
2	-	Out of sample
1	0000000- 9999999	= pre-IESS FR DEWEIGHT code

Notes

This variable is not part of the previous regulation; it has just been collected on a voluntary basis.

The pre-IESS FR variable DEWEIGHT is not always available. Eurostat started asking information on the DEWEIGHT variable in 2017.

IDENT

This variable is not recoverable.

HHNUM

Codes or value

Not blank Household number (8 character alphanumeric)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHNUM	HHNUM
2	-	Out of sample
1	Household number	= 00 + pre-IESS FR HHNUM code

Notes

The HHNUM format changed from 6 to 8 digits under IESS. In order to allow tracking households across quarters, transcoding should be done in a standard way by adding two leading zeros to pre-IESS FR HHNUMs.

HHSEQNUM

Codes or value

01-98 Sequence number allocated to each member of the household (2 digits)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHSEQNUM	HHSEQNUM
2	-	Out of sample
1	01-98	= pre-IESS FR HHSEQNUM code

COEFFQ

Codes or value

000000000-999999999 Quarterly weight with 9 digits: first 5 digits contain whole numbers, last 4 digits contain decimal places

Blank Not applicable

Notes

COEFFQ shall be directly transferred with its numerical value.

COEFFY

Codes or value

000000000-999999999 Yearly weight with 9 digits: first 5 digits contain whole numbers, last 4 digits contain decimal places

Blank Not applicable

Notes

COEFFY shall be directly transferred with its numerical value.

COEFF2Y

This variable is not recoverable.

Notes

For analyses of future biennial variables like SHIFTWK over time, COEFF2Y shall be built from COEFFY.

COEFFMOD

This variable is not recoverable.

Notes

COEFFMOD shall be directly transferred with its numerical value from the coefficient currently used for AHM analyses.

COEFFHH

Codes or value

000000000-999999999	Yearly household weight with 9 digits: first 5 digits contain whole numbers, last 4 digits contain decimal places
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Blank	Not applicable
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Notes

COEFFHH shall be directly transferred with its numerical value from the coefficient currently used for HH analyses.

INTWAVE

Codes or value

1-8 Sequence number of the survey wave

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	INTWAVE	INTWAVE
2	-	Out of sample
1	1-8	= pre-IESS FR INTWAVE code

INTQUEST

Codes or value

- 01 Quarterly
- 02 Quarterly and yearly
- 03 Quarterly, yearly and biennial
- 04 Quarterly, yearly, biennial and module
- 05 Quarterly and (originally selected) respondent forms part of household subsample
- 06 Quarterly, yearly and (originally selected) respondent forms part of household subsample
- 07 Quarterly, yearly, biennial and (originally selected) respondent forms part of household subsample
- 08 Quarterly, yearly, biennial, module and (originally selected) respondent forms part of household subsample
- 09 Household - minimum set of variables (for additional household members)
- 10 Household - restricted set of module background variables (for additional household members)
- 11 Only core variables ***Code valid only before IESS entry into force***
- 12 Whole questionnaire ***Code valid only before IESS entry into force***

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	INTQUEST	INTQUEST
2	-	Out of sample
1	1	11
1	2	12

Notes

This variable is not recoverable. The new post-IESS FR INTQUEST variable is much more detailed than the old pre-IESS FR one. It is only possible to add two additional codes valid only before IESS entry into force, allowing distinguishing the use of different questionnaires before the entry into force of IESS.

MODE

This variable is not recoverable.

PROXY

Codes or value

- 1 Direct participation
- 2 Indirect participation (i.e. participation via another member of the household)
- Blank Not stated

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	PROXY	PROXY
2	-	Out of sample
1	1	1
1	2, 9	2
1	Blank	Blank

Notes

In the pre-IESS FR PROXY variable the category 9 was only used for child less than 15 years old. Such cases are hence by default considered as proxy information (delivered by someone else or under supervision of someone else).

COUNTRY

Codes or value

SCL GEO alpha-2 code Country of residence

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	COUNTRY	COUNTRY
2	-	Out of sample
1	Valid country code	= pre-IESS FR COUNTRY

REGION

Codes or value

NUTS

NUTS 3 region (3 character alphanumeric)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	REGION	REGION
2	-	Out of sample
1	Valid NUTS code	= pre-IESS FR REGION + 0

Notes

The pre-IESS FR REGION has only 2 digits, therefore it is necessary to add a trailing 0 to all NUTS codes to fill the 3rd digit.

DEGURBA

Codes or value

- 1 Cities
- 2 Towns and suburbs
- 3 Rural areas

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	DEGURBA	DEGURBA
2	-	Out of sample
1	1	1
1	2	2
1	3	3

TOPIC 2:

Person and household characteristics

SEX

Codes or value

- 1 Male
- 2 Female

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	SEX	SEX
2	-	Out of sample
1	1	1
1	2	2

YEARBIR

Codes or value

YYYY Year of birth (4 digits)

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	YEARBIR	YEARBIR
2	-	Out of sample
1	YYYY	= pre-IESS FR YEARBIR code

PASSBIR

Codes or value

- 1 Yes and the reference week does not spill over into the next calendar year
- 2 No and the reference week does not spill over into the next calendar year
- 3 Yes and the reference week spills over into the next calendar year
- 4 No and the reference week spills over into the next calendar year

post-IESS FR	pre-IESS FR		post-IESS FR
OOSAMPLE	DATEBIR	REFWEEK	PASSBIR
2	-	-	Out of sample
1	1	01-52 and the reference week does not spill over into the next calendar year	1
1	2	01-52 and the reference week does not spill over into the next calendar year	2
1	1	52,53 and the reference week spills over into the next calendar year	3
1	2	52,53 and the reference week spills over into the next calendar year	4

Notes

Pre-IESS FR DATEBIR and post-IESS FR PASSBIR are only used to calculate AGE. They do not necessarily need to be recovered, but can simply be kept unchanged as the resulting AGE is transferred as well.

AGE

Codes or value

0-120 Age in completed years (3 digits, right-justified with leading zeros)

post-IESS FR		
OOSAMPLE	PASSBIR	AGE
2	-	Out of sample
1	1	= REFYEAR - YEARBIR
1	2	= REFYEAR - YEARBIR - 1
1	3	= REFYEAR - YEARBIR + 1
1	4	= REFYEAR - YEARBIR

Notes

For some countries and years up to 2020, countries or Eurostat had to redefine YEARBIR to get the correct AGE based on the pre-IESS derivation formula. This was in particular the case for years in which the last reference week spilled over into the next calendar year. Such cases have to be taken into account if the AGE of a person should be recalculated based on transcoded variables. The easier solution is directly transferring the already calculated AGE.

CITIZENSHIP

Codes or value

SCL GEO alpha-2 code	Country of main citizenship (left-justified with trailing blanks)
STLS	Stateless
FOR	Foreign citizenship but country unknown (left-justified with trailing blanks)
Blank	Not stated

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	NATIONAL	CITIZENSHIP
2	-	Out of sample
1	Valid country code	= pre-IESS FR NATIONAL code
1	Invalid country code or group code	FOR
1	Blank	Blank

Notes

In the pre-IESS FR variable NATIONAL codes for groups of countries existed, as well as a code 14 for 'Other and stateless'. These codes should be considered as invalid codes and be assigned to FOR in the post-IESS FR variable CITIZENSHIP. Another option is to just keep the old codes to better reflect the development over time.

COUNTRYB

Codes or value

SCL GEO alpha-2 code	Country of birth (left-justified with trailing blanks)
FOR	Foreign-born but country of birth unknown
Blank	Not stated

post-IESS FR	pre-IESS FR		post-IESS FR
OOSAMPLE	YEARESID	COUNTRYB	COUNTRYB
2	-	-	Out of sample
1	00	-	= pre-IESS FR COUNTRY
1	> 00, blank	Valid country code	= pre-IESS FR COUNTRYB
1	> 00, blank	Invalid country code or group code	FOR
1	> 00, blank	Blank	Blank

Notes

In the pre-IESS FR variable COUNTRYB codes for groups of countries existed, as well as a code 14 for 'Other and stateless'. These codes should be considered as invalid codes and be assigned to FOR in the post-IESS FR variable COUNTRYB. Another option is to just keep the old codes to better reflect the development over time.

COBFATH

This variable is not recoverable.

COBMOTH

This variable is not recoverable.

MIGREAS

This variable is not recoverable.

HHLINK

Codes or value

01	Reference person
02	Partner of reference person
03	Son/daughter of reference person (or of his partner)
04	<i>Son/daughter-in-law of reference person Not recoverable: included in code 21</i>
05	<i>Grandchild of reference person Not recoverable: included in code 21</i>
06	<i>Parent of reference person Not recoverable: included in code 20</i>
07	<i>Parent-in-law of reference person Not recoverable: included in code 20</i>
08	<i>Grandparent of reference person Not recoverable: included in code 20</i>
09	<i>Brother/sister of reference person Not recoverable: included in code 21</i>
10	<i>Other relative Not recoverable: included in code 21</i>
11	Other non-relative
20	Ascendant relative of reference person or of his/her partner Code valid only before IESS entry into force
21	Other relative including siblings and grand-children Code valid only before IESS entry into force
99	Not applicable Not recoverable
Blank	Not stated

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHLINK	HHLINK
2	-	Out of sample
1	1	01
1	2	02
1	3	03
1	4	20
1	5	21
1	6	11

Notes

Codes 04 to 10 are impossible to be recovered. There is no pre-IESS information allowing the identification of these detailed post-IESS categories. For temporal comparison purposes, it is suggested to add the following codes in the post-IESS FR datasets:

- HHLINK=20, encompassing HHLINK=06 to 08
- HHLINK=21, encompassing HHLINK=04, 05, 09 and 10

HHSPOU

Codes or value

- 00 Person has no partner, or the partner does not belong to this household
- 01-98 Sequence number of partner in the household
- 99 Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHSPOU	HHSPOU
2	-	Out of sample
1	00	00
1	01-98	= pre-IESS FR HHSPOU code

HHFATH

Codes or value

- 00 Father does not belong to this household
- 01-98 Sequence number of father in the household
- 99 Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHFATH	HHFATH
2	-	Out of sample
1	00	00
1	01-98	= pre-IESS FR HHFATH code

HHMOTH

Codes or value

- 00 Mother does not belong to this household
- 01-98 Sequence number of mother in the household
- 99 Not applicable

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	HHMOTH	HHMOTH
2	-	Out of sample
1	00	00
1	01-98	= pre-IESS FR HHMOTH code

YEARESID

Codes or value

999	Born in this country and never lived abroad for a period of at least 1 year
000	Less than 1 year in the country but intention to stay at least 1 year in total (residence definition)
001-150	Number of years in this country (since last establishing the place of usual residence in this country)
888	Been in this country for more than 10 years <i>Code valid only before 2008</i>
Blank	Not stated

post-IESS FR	pre-IESS FR	post-IESS FR
OOSAMPLE	YEARESID	YEARESID
2	-	Out of sample
1	00	999
1	01-99	= 0 + (pre-IESS FR YEARESID code-1)
1	Blank	Blank

Notes

All post-IESS FR YEARESID codes are shifted by 1 compared to pre-IESS FR YEARESID: 01 becomes 000, 02 becomes 001, and so on.

Up to 2007, people with more than 10 years of residence were coded 11. Such cases are assigned to code 888.

COUNTRPR

This variable is not recoverable.

TOPIC 3:

Labour market participation

WKSTAT

Codes or value

- 1 Worked for pay or profit in the reference week
- 2 Absent from work or business during the reference week (self-declared)
- 3 Worked as unpaid family worker in the reference week
- 4 Neither worked nor had a job or business during the reference week
- 9 Not applicable

post-IESS FR	pre-IESS FR			post-IESS FR
OOSAMPLE	AGE	WSTATOR	STAPRO	WKSTAT
2	-	-	-	Out of sample
1	<15 or >=90	-	-	9
1	>=15 and <90	1	1,2,3,blank	1
1	>=15 and <90	1	4	3
1	>=15 and <90	2	1,2,3,4,blank	2
1	>=15 and <90	3	9	2
1	>=15 and <90	5	9	4

ABSREAS

Codes or value

01	Holidays
02	Working time arrangements or compensation of overtime
03	Sick leave
04	Maternity or paternity leave
05	Job-related training
06	Parental leave
07	<i>Off-season Not recoverable</i>
08	Other reason
09	<i>Having a job not started yet Not recoverable</i>
Blank	Not stated
99	Not applicable

post-IESS FR		pre-IESS FR		post-IESS FR
OOSAMPLE	WKSTAT	WSTATOR	NOWKREAS	ABSREAS
2	-	-	-	Out of sample
1	1,3,4,9	-	-	99
1	2	3	99	blank
1	2	2	07	01
1	2	2	08	02
1	2	2	04	03
1	2	2	05	04
1	2	2	03	05
1	2	2	06	06
1	2	2	00,01,02,09	08

Notes

ABSREAS Code 07, off-season, is impossible to be recovered. Absent seasonal workers, in the pre-IESS FR variable definitions, were coded according to this rule:

IF they have an assurance to come back to work with the same employer at the beginning of the next season AND the employer continues to pay at least 50% of their wage or salary during the off-season THEN WSTATOR=2,

but they are not identified in NOWKREAS. It is then impossible to distinguish them from other typologies of workers, most probably they are classified as NOWKREAS = 00, 01 or 09.

ABSREAS Code 09, having a job not started yet, is impossible to be recovered. Who answered having a job not started yet is, normally, readdressed to WSTATOR = 5.

NOWKREAS = 03 refers to all kind of education or training so does not perfectly fit with the concept of 'job-related training', but since the person here declared to have a work from which he/she was absent because of 'school education or training' most likely he/she is involved in a job related training. This is the best approximation.

ABSREAS Code blank, not stated, is impossible to be recovered since the corresponding code is not in NOWKREAS. Most probably they are classified as NOWKREAS = 09.

ABSREAS Code blank is hence only used to distinguish not employed pre-IESS lay-offs (WSTATOR=3) from other cases.

JATTACH

Codes or value

- 1 Parental leave with any job-related income or benefit
- 2 Parental leave without any job-related income or benefit and with an expected duration of 3 months or less **Not recoverable**
- 3 Parental leave without any job-related income or benefit and with an expected duration of more than 3 months
- 4 Seasonal worker in off-season, regularly performing job-related tasks **Not recoverable**
- 5 Seasonal worker in off-season, not regularly performing any job-related task **Not recoverable**
- 6 Other absence where duration of absence is 3 months or less
- 7 Other absence where duration of absence is more than 3 months
- 8 Parental leave with an expected duration of 3 months or less **Code valid only before IESS entry into force.**
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	ABSREAS	SIGNISAL	JATTACH
2	-	-	Out of sample
1	01,02,03,04,05,99	-	9
1	06	1	8
1	06	2	1
1	06	3	1
1	06	4,9	3
1	08, blank	1	6
1	08, blank	2,3,4,9	7

Notes

JATTACH Code 1 correctly includes those, in parental leave, whose absence is longer than three months and receive a job-related income, but does not include those whose absence is shorter than three months and receive a job-related income since it is impossible to distinguish them on the base of the income. All in parental leave for less than three months are classified as JATTACH=8 and, later, correctly classified as employed.

JATTACH Code 1 incorrectly includes also those who are in parental leave for more than three months and do not receive any job-related income: they have SIGNISAL = 3 where it is impossible to distinguish between those who receive less than half of their previous salary and those who do not receive any job-related income at all. It seems that this problem affects only data for Ireland and United Kingdom, for which the parental leave is paid for the first weeks (respectively 26 and 39) and it is not paid for the following weeks (respectively 16 and 13) the parental leave is not compulsory after the sixth week in both countries. There is no information on the situation in non-EU Countries. For this reason the general rule is to include all people in SIGNISAL = 3 into JATTACH = 1.

JATTACH Code 2 is impossible to be recovered because we have the status of parental leave but we cannot establish the difference between having or not a job-related income or benefit (no income is together with low income). Such cases are classified in JATTACH = 8 together with those who are absent for less than three months and receive a job-related income or benefit.

JATTACH Code 3 correctly includes those for which SIGNISAL does not contain sufficient information for a correct classification, consistently with those, in the post-IESS ABSREAS variable, who do not answer to the reason for the absence or to the length of the absence. JATTACH = 3 incorrectly does not include those who are absent for more than three months and do not receive any job-related income, they are included in JATTACH = 1 as explained before.

JATTACH Codes 4 and 5 are impossible to be recovered because we cannot identify those in off-season (no one in ABSREAS = 07). So,

- those in off-season (ABSREAS = 07) do not appear (most probably in ABSREAS = 08);
- those in other reason are correctly coded, but most probably they include those in off-season.

Those for which JATTACH is not applicable are correctly coded.

Comparison between information covered by the post-IESS JATTACH variable and the pre-IESS SIGNISAL variable for persons in parental leave:



	Duration of the absence ≤ 3 months	Duration of the absence > 3 months
Receiving a job-related income or benefit	SIGNISAL=1	SIGNISAL=2
Not receiving a job-related income or benefit	SIGNISAL=1	SIGNISAL=3

EMPSTAT

Codes or value

- 1 Employed
- 2 Not employed
- 9 Not applicable

post-IESS FR				
OOSAMPLE	WKSTAT	ABSREAS	JATTACH	EMPSTAT
2	-	-	-	Out of sample
1	1,3	-	-	1
1	2	01-02-03-04-05	9	1
1	2	06	1	1
1	2	06	3	2
1	2	06	8	1
1	2	08, blank	6	1
1	2	08, blank	7	2
1	4	99	9	2
1	9	99	9	9

Notes

EMPSTAT as defined above represents the best approximation to the situation under IESS. It reclassifies some cases previously employed as not employed, and very few cases previously not employed as employed. This has consequences for several of the following variables, in particular where a transcoding from pre-IESS not applicable to a valid code other than blank is needed. All following transcoding tables cover the respective cases, thereby allowing a consistent transcoding based on the EMPSTAT derivation.

NOTE: Eurostat finally decided NOT to retrospectively change the labour status in its internal database, but to apply a simpler transcoding with EMPSTAT and ILOSTAT keeping their pre-IESS values. Otherwise, all future extractions covering both pre-IESS and IESS data, and all detailed Eurobase tables, would have shown different employment and unemployment results than before IESS entry into force. Keeping EMPSTAT and ILOSTAT unchanged means employment and unemployment results for years up to 2020 will not change (only exception: LFS main indicators covered by the breaks-in-series exercise).

For EMPSTAT, this means all cases with ABSREAS = 01-08 go to EMPSTAT = 1, irrespective of JATTACH (corresponding to former WSTATOR = 2, temporary absence). ABSREAS blank goes to EMPSTAT = 2 (corresponding to former WSTATOR = 3 – not-employed lay-offs).

post-IESS FR (EMPSTAT and ILOSTAT unchanged)			
OOSAMPLE	WKSTAT	ABSREAS	EMPSTAT
2	-	-	Out of sample
1	1,3	-	1
1	2	01-05, 06, 08	1
1	2	blank	2
1	4	99	2
1	9	99	9

Because of this decision, several transcoding proposed for following variables are finally neither needed nor used at Eurostat, namely the ones introduced to cover cases transcoded from employed to not employed and vice versa.

NUMJOB

Codes or value

- 1 Only one job
- 2 *Two jobs Not recoverable: included in code 4*
- 3 *Three jobs or more Not recoverable: included in code 4*
- 4 Two jobs or more *Code valid only before IESS entry into force*
- Blank Not stated
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	EXIST2J	NUMJOB
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	4
1	1	9, blank	blank

Notes

Codes 2 and 3 are impossible to be recovered. There is no information allowing distinguishing between only 2 jobs and 3 or more jobs. Both situations are coded in NUMJOB = 4. For temporal comparison purposes it is suggested to add the code NUMJOB=4, encompassing NUMJOB=2 and 3, in the post-IESS FR datasets.

The combination EMPSTAT=1 and EXIST2J=9 can only occur when pre-IESS FR variable WSTATOR=3 (lay off workers) and the post-IESS FR variables ABSREAS=08 (other reasons) and JATTACH=6 (<= 3 months). In this case EMPSTAT=1 (employed) but EXIST2J=9 (filtered out). Information on second job is then missing but it should be there according the flow for NUMJOB. The most logical code is then blank.

SEEKWORK

Codes or value

- 1 Person is searching for employment
- 2 Person is not searching for employment and has already found a job which has not yet started but will start within a period of at most 3 months after the end of the reference week
- 3 Person is not searching for employment and has already found a job which has not yet started but will start in more than 3 months after the end of the reference week
- 4 Person is not searching for employment and has already found a job which started between the end of the reference week and the interview date **Not recoverable**
- 5 Person is not searching for employment and has not found any job to start later
- 9 Not applicable

post-IESS FR		pre-IESS FR			post-IESS FR
OOSAMPLE	EMPSTAT	SEEKWORK	AGE	LOOKOJ	SEEKWORK
2	-	-	-	-	Out of sample
1	1,9	-	-	-	9
1	2	1	-	-	2
1	2	2	-	-	3
1	2	3	-	-	5
1	2	4	-	-	1
1	2	9	<15 or >=75	-	9
1	2	9	>=15 and <75	1	1
1	2	9	>=15 and <75	0, 9, Blank	5

Notes

Code 4 is impossible to be recovered.

The combination pre-IESS FR SEEKWORK=9 and EMPSTAT=2 is to cover those who, in the pre-IESS FR survey, were classified as employed and with the new survey are classified as not in employment. They were not applicable for SEEKWORK and the only information we can recover is from their age and the intention to find another job. As a rule, those for which there is no additional information are classified like those who did answer to SEEKWORK with do not know.

WANTWORK

Codes or value

- 1 Person is not searching for employment but would nevertheless like to work
 - 2 Person is not searching for employment and does not want to work
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	SEEKWORK	WANTWORK	WANTWORK
2	-	-	Out of sample
1	1,2,3,9	-	9
1	5	1	1
1	5	2	2
1	5	9	blank
1	5	blank	blank

Notes

The cases pre-IESS FR SEEKWORK=9 just assigned to SEEKWORK=5 have pre-IESS FR WANTWORK=9. They are coded blank.

SEEKREAS

Codes or value

1	No suitable job is available
2	Education or training
3	Own illness or disability
4	Care responsibilities
5	<i>Other family reasons</i> Included in code 0
6	<i>Other personal reasons</i> Included in code 0
7	Awaiting recall to work (lay-off)
8	Other reasons
0	Other personal or family reasons Code valid only before IESS entry into force
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	WANTWORK	SEEKREAS	SEEKREAS
2	-	-	Out of sample
1	2,9, blank	-	9
1	1	1	7
1	1	2	3
1	1	3	4
1	1	4	0
1	1	5	2
1	1	6	8
1	1	7	1
1	1	8	8
1	1	blank	blank

Notes

In the pre-IESS FR dataset it is impossible to distinguish between '*Other family reasons*' and '*Other personal reasons*', hence the code 0 in the post-IESS FR variable SEEKREAS includes both. For temporal comparison purposes it is suggested to add this code SEEKREAS=0, encompassing pre-IESS FR SEEKREAS=5 and 6, in the post-IESS FR datasets.

In the pre-IESS FR dataset the code 3 scope is slightly wider than the post-IESS FR SEEKREAS code 4:

Pre-IESS FR SEEKREAS =3 includes all type of care responsibilities:

- for own children and other children;
- for adults ill/elderly/incapacitated/disabled relatives/friends.

Post-IESS FR SEEKREAS code 4 only includes the care provided to own children and to relatives but excludes the care responsibilities for friends, non-relatives and their children.

Those in pre-IESS FR SEEKREAS=9 are already in post-IESS FR WANTWORK=9.

WANTREAS

This variable is not recoverable.

ACTMETNE

Codes or value

- 1 Used active search method to find work
- 3 Used other (active) search method than METHODDA to METHODDI **Code valid only only before IESS entry into force**
- 2 Did not use active search method to find work
- 9 Not applicable

post-IESS FR		pre-IESS FR										post-IESS FR
OOSAMPLE	SEEKWORK	METHODA	METHODB	METHODC	METHODD	METHODCE	METHODF	METHODG	METHODH	METHODI	METHODM	ACT-METNE
2	-	-	-	-	-	-	-	-	-	-	-	Out of sample
1	2,3,4,5,9	-	-	-	-	-	-	-	-	-	-	9
1	1	1	-	-	-	-	-	-	-	-	-	1
1	1	0	1	-	-	-	-	-	-	-	-	1
1	1	0	0	1	-	-	-	-	-	-	-	1
1	1	0	0	0	1	-	-	-	-	-	-	1
1	1	0	0	0	0	1	-	-	-	-	-	1
1	1	0	0	0	0	0	1	-	-	-	-	1
1	1	0	0	0	0	0	0	1	-	-	-	1
1	1	0	0	0	0	0	0	0	1	-	-	1
1	1	0	0	0	0	0	0	0	0	1	-	1
1	1	0	0	0	0	0	0	0	0	0	1	3
1	1	0	0	0	0	0	0	0	0	0	0	2

Notes

Pre-IESS FR variables METHODDJ to METHODDM refer to non-active search methods according the post-IESS FR definition, so they are not considered in the construction of ACTMETNE code 1.

METHODM is transcoded into a special code 3 to allow the re-derivation of pre-IESS ILOSTAT below.

WISHMORE

Codes or value

1	No
2	Yes
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	WISHMORE	WISHMORE
2	-	-	Out of sample
1	2,9	-	9
1	1	0	1
1	1	1	2
1	1	9, Blank	Blank

Notes

Pre-IESS FR WISHMORE=9 addresses the cases moved from not employed to employed.

AVAILABLE

Codes or value

- 1 Person could start to work immediately (within 2 weeks)
- 2 Person could not start to work immediately (within 2 weeks)
- 9 Not applicable

post-IESS FR				pre-IESS FR	post-IESS FR
OOSAMPLE	SEEKWORK	WANTWORK	WISHMORE	AVAILABLE	AVAILABLE
2	-	-	-	-	Out of sample
1	5	2, Blank	9	-	9
1	9	9	1, 9 or Blank	-	9
1	1,2,3	9	9	1	1
1	1,2,3	9	9	2	2
1	1	9	9	9	1
1	3	9	9	9	2
1	5	1	9	1	1
1	5	1	9	2	2
1	9	9	2	1	1
1	9	9	2	2	2

Notes

Post-IESS FR category SEEKWORK=4 is not recoverable. It is hence not considered in the construction of AVAILABLE.

There are two special combinations:

- Post-IESS FR SEEKWORK=1 and pre-IESS FR AVAILABLE=9 is to cover those who, in the pre-IESS FR survey, were classified as employed and with the new survey are classified as not in employment. Then, having pre-IESS FR LOOKOJ=1 they have shown to be searching and being in employment they are obviously available to work. In consequence, AVAILABLE is imputed equal to 1 and they are recovered as unemployed.
- Post-IESS FR SEEKWORK=3 and pre-IESS FR AVAILABLE=9 is to cover those who, in the pre-IESS FR survey, were classified as SEEKWORK=2 (found job to start in more than 3 months). They should be considered as inactive. In consequence, AVAILABLE is imputed equal to 2.

AVAIREAS

Codes or value

1	Education or training
2	Own illness or disability
3	Care responsibilities Included in code 7
4	Other family reasons Included in code 7
5	Other personal reasons Included in code 7
6	Other reasons
7	Care responsibilities, other family reasons or other personal reasons Code valid only before IESS entry into force
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	AVAILBLE	AVAIREAS	AVAIREAS
2	-	-	Out of sample
1	1,9	-	9
1	2	1	1
1	2	4	7
1	2	5	2
1	2	2,3,6	6
1	2	9, Blank	Blank

Notes

Since all persons in compulsory military (or compulsory civil) service have already been filtered out from the sample using the variable OOSAMPLE, the pre-IESS FR category AVAIREAS =2 applies only in case of persons who do not search for a work, and are not available to work, because they are going to start the compulsory service in the near future. For this reason, those in pre-IESS FR AVAIREAS=2 are classified in post-IESS FR AVAIREAS=6.

Categories post-IESS FR AVAIREAS=3,4 and 5 are not recoverable, they all fit in the new code 7 that will be valid only for the period preceding the IESS FR entry into force. For temporal comparison purposes it is suggested to add the code AVAIREAS=7, encompassing AVAIREAS=3, 4 and 5, in the post-IESS FR datasets.

Pre-IESS FR AVAIREAS=9 addresses the cases moved from not employed to employed.

ILOSTAT

Codes or value

- 1 Employed
- 2 Unemployed
- 3 Outside the labour force

post-IESS FR					
OOSAMPLE	EMPSTAT	SEEKWORK	ACTMETNE	AVAILABLE	ILOSTAT
2	-	-	-	-	Out of sample
1	9	-	-	-	3
1	1	-	-	-	1
1	2	5	9	-	3
1	2	1	1	1	2
1	2	1	1	2	3
1	2	1	2,3	1,2	3
1	2	2	9	1	2
1	2	2	9	2	3
1	2	3	9	1,2	3

Notes

ILOSTAT as defined above represents the best approximation to the situation under IESS. It reclassifies some cases previously employed as not employed, and very few cases previously not employed as employed.

Post-IESS FR category SEEKWORK=4 is not recoverable, so is not considered in the construction of ILOSTAT.

Important: Eurostat finally decided NOT to retrospectively change the labour status in its internal database, but to apply a simpler transcoding with EMPSTAT and ILOSTAT keeping their pre-IESS values. Otherwise, all future extractions covering both pre-IESS and IESS data, and all detailed Eurobase tables, would have shown different employment and unemployment results than before IESS entry into force. Keeping EMPSTAT and ILOSTAT unchanged means employment and unemployment results for years up to 2020 will not change (only exception: LFS main indicators covered by the breaks-in-series exercise).

For ILOSTAT, this means all cases with ACTMETNE = 3 are classified depending to the value of AVAILABLE.

post-IESS FR (EMPSTAT and ILOSTAT unchanged)					
OOSAMPLE	EMPSTAT	SEEKWORK	ACTMETNE	AVAILABLE	ILOSTAT
2	-	-	-	-	Out of sample
1	9	-	-	-	3
1	1	-	-	-	1
1	2	5	9	-	3
1	2	1	1,3	1	2
1	2	1	1,3	2	3
1	2	1	2	1,2	3
1	2	2	9	1	2
1	2	2	9	2	3
1	2	3	9	1,2	3

COUNTRYW

Codes or value

SCL GEO alpha-2 code Country of place of work (SCL GEO alpha-2 code, left-justified with trailing blanks)

FOR Foreign country but exact country of place of work unknown

Blank Not stated

999 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	COUNTRYW	COUNTRYW
2	-	-	Out of sample
1	2,9	-	999
1	1	Valid country code	= pre-IESS FR COUNTRYW
1	1	Invalid country code or group code	FOR
1	1	99,Blank	Blank

Notes

In the pre-IESS FR variable COUNTRYW codes for groups of countries existed, as well as a code 14 for 'Other and stateless'. These codes should be considered as invalid codes and be assigned to FOR in the post-IESS FR variable COUNTRYW. Another option is to just keep the old codes to better reflect the development over time.

Pre-IESS FR COUNTRYW=99 addresses the cases moved from not employed to employed.

REGIONW

Codes or value

NUTS	NUTS 3 region (3 character alphanumeric) for people working in their country of residence; NUTS 2 region (2 character alphanumeric, left-justified with trailing blanks) for people not working in their country of residence but in one of the border regions of neighbouring countries
000	Only the country of work is known (if the person is working outside his/her country of residence and not in a border region of neighbouring countries)
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	REGIONW	REGIONW
2	-	-	Out of sample
1	2,9	-	999
1	1	Valid NUTS code	= pre-IESS FR REGIONW + 0
1	1	00	000
1	1	99,Blank	Blank

Notes

The pre-IESS FR REGIONW has only 2 digits, therefore it is necessary to add a trailing 0 to all real NUTS codes to fill the 3rd digit.

Pre-IESS FR REGIONW=99 addresses the cases moved from not employed to employed.

HOMEWORK

Codes or value

- 1 Person mainly works at home
 - 2 Person sometimes works at home
 - 3 Person never works at home
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HOMEWK	HOMEWORK
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	9,Blank	Blank

Notes

Pre-IESS FR HOMEWK=9 addresses the cases moved from not employed to employed.

STAPRO

Codes or value

1	Self-employed person with employees
2	Self-employed person without employees
3	Employee
4	Family worker (unpaid)
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	STAPRO	STAPRO
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	4	4
1	1	9,Blank	Blank

Notes

Pre-IESS FR STAPRO=9 addresses the cases moved from not employed to employed.

NACE3D

Codes or value

010-990	NACE code at 3-digit level
Blank	Not stated
000	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	NACE3D	NACE3D
2	-	-	Out of sample
1	2,9	-	000
1	1	NACE code at 3-digit level	= pre-IESS FR NACE3D code
1	1	000,Blank	Blank

Notes

Pre-IESS FR NACE3D=000 addresses the cases moved from not employed to employed.

ISCO4D

Codes or value

0010-9990	ISCO code at 4-digit level
Blank	Not stated
9999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	ISCO4D	ISCO4D
2	-	-	Out of sample
1	2,9	-	9999
1	1	ISCO code at 4-digit level	= pre-IESS FR ISCO4D code
1	1	9999,Blank	Blank

Notes

Pre-IESS FR ISCO4D=9999 addresses the cases moved from not employed to employed.

FTPT

Codes or value

1	Full-time job
2	Part-time job
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	FTPT	FTPT
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	9,Blank	Blank

Notes

Pre-IESS FR FTPT=9 addresses the cases moved from not employed to employed.

TEMP

Codes or value

1	Permanent job
2	Fixed-term job
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	STAPRO	TEMP	TEMP
2	-	-	Out of sample
1	1,2,4,9,Blank	-	9
1	3	1	1
1	3	2	2
1	3	Blank	Blank

TEMPDUR

Codes or value

1	Less than one month
2	1 to 3 months
3	4 to 6 months
4	7 to 12 months
5	13 to 18 months
6	19 to 24 months
7	25 to 36 months
8	More than 36 months
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	TEMP	TEMPDUR	TEMPDUR
2	-	-	Out of sample
1	1,9, Blank	-	9
1	2	1	1
1	2	2	2
1	2	3	3
1	2	4	4
1	2	5	5
1	2	6	6
1	2	7	7
1	2	8	8
1	2	Blank	Blank

Notes

Pre-IESS FR categories for TEMPDUR are slightly different from the Post-IESS FR categories. Hence, the transcoding is not exact, meaning the post-IESS FR TEMPDUR categories are only an approximation for pre-2021 data.

Concretely, the categories of the post-IESS FR TEMPDUR correspond to:

1	Same meaning for pre and post 2021 data
2	From 1 to less than 4 months in pre 2021 data From 1 to less than 3 months in post 2021 data
3	From 4 to less than 7 months in pre 2021 data From 3 to less than 6 months in post 2021 data
4	From 7 to less than 13 months in pre 2021 data From 6 to less than 12 months in post 2021 data
5	From 13 to less than 19 months in pre 2021 data From 12 to less than 18 months in post 2021 data
6	From 19 to less than 25 months in pre 2021 data From 18 to less than 24 months in post 2021 data
7	From 25 to less than 37 months in pre 2021 data From 24 to less than 36 months in post 2021 data
8	37 months or over in pre 2021 data 36 months or over in post 2021 data
Blank	Not stated
9	Not applicable

TEMPREAS

Codes or value

1	Could not find a permanent job
2	Did not want a permanent job
3	Fixed-term probationary contract
4	Apprenticeship
5	Training other than apprenticeship (trainees, internships, research assistants, etc.)
6	<i>This type of job is only available with a temporary contract Not recoverable</i>
7	<i>Other reasons Not recoverable</i>
8	Training (impossible to distinguish between apprenticeship and other forms of training) Code valid only before IESS entry into force
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	TEMP	TEMPREAS	TEMPREAS
2	-	-	Out of sample
1	1,9, Blank	-	9
1	2	1	8
1	2	2	1
1	2	3	2
1	2	4	3
1	2	5	4
1	2	6	5
1	2	Blank	Blank

Notes

Pre-IESS FR categories TEMPREAS=5 and 6, representing a split of category 1, are optional and not all countries provided it. . Post-IESS FR category TEMPREAS=8 is for those countries that were not distinguishing between apprenticeship and other forms of training (codes 5 and 6). It is valid only for the period preceding the IESS FR entry into force. For temporal comparison purposes it is suggested to add the code TEMPREAS =8, encompassing post-IESS FR TEMPREAS=4 and 5, in the post-IESS FR datasets.

Post-IESS FR categories TEMPREAS=6 and 7 are not recoverable. Most probably, persons that would have answered 6 have so far been classified in code 1.

TEMPAGCY

Codes or value

1	No
2	Yes
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	STAPRO	TEMPAGCY	TEMPAGCY
2	-	-	Out of sample
1	1,2,4,9,Blank	-	9
1	3	0	1
1	3	1	2
1	3	Blank	Blank

FTP TREAS

Codes or value

1	Education or training
2	Own illness or disability
3	Care responsibilities
4	<i>Other family reasons</i> Included in code 8
5	<i>Other personal reasons</i> Included in code 8
6	Could not find a full-time job
7	Other reasons
8	Other personal or family reasons Code valid only before IESS entry into force
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	FTPT	FTP TREAS	FTP TREAS
2	-	-	Out of sample
1	1,9, Blank	-	9
1	2	1	1
1	2	2	2
1	2	3	3
1	2	4	8
1	2	5	6
1	2	6	7
1	2	Blank	Blank

Notes

In the pre-IESS FR dataset it is impossible to distinguish between *Other family reasons* and *Other personal reasons*, therefore the additional code 8 in the post-IESS FR variable FTP TREAS includes both. For temporal comparison purposes it is suggested to add that code FTP TREAS = 8, encompassing FTP TREAS = 4 and 5, in the post-IESS FR datasets.

The pre-IESS FR FTP TREAS code 3 scope is slightly wider than the post-IESS FR FTP TREAS code 3:

Pre-IESS FR FTP TREAS 3 includes all type of care responsibilities:

- for own children and other children;
- for adults ill/elderly/incapacitated/disabled relatives/friends.

Post-IESS FR FTPTREAS 3 only includes the care provided to own children and to relatives but excludes the care responsibilities for friends, non-relatives and their children.

MAINCLNT

This variable is not recoverable.

VARITIME

This variable is not recoverable.

SUPVISOR

Codes or value

1	Yes
2	No
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	STAPRO	SUPVISOR	SUPVISOR
2	-	-	Out of sample
1	1,2,4,9,Blank	-	9
1	3	1	1
1	3	2	2
1	3	Blank	Blank

SIZEFIRM

Codes or value

01–09	Exact number of persons, if between 1 and 9
10	10 to 19 persons
11	20 to 49 persons
12	50 to 249 persons Not recoverable
13	250 persons or more Not recoverable
14	Do not know but less than 10 persons Not recoverable
15	Do not know but 10 persons or more Not recoverable
23	50 or more Code valid only before IESS entry into force
24	Do not know but less than 11 persons Code valid only before IESS entry into force
25	Do not know but 11 persons or more Code valid only before IESS entry into force
Blank	Not stated
99	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	SIZEFIRM	SIZEFIRM
2	-	-	Out of sample
1	2,9	-	99
1	1	01 to 09	= pre-IESS FR SIZEFIRM code
1	1	10, 11	10
1	1	12	11
1	1	13	23
1	1	14	24
1	1	15	25
1	1	99,Blank	Blank

Notes

Pre-IESS FR SIZEFIRM=99 addresses two cases: the ones moved from not employed to employed, and the self-employed without employees that had not been asked SIZEFIRM before.

Post-IESS FR SIZEFIRM categories 12 to 15 are not recoverable, as they cannot be built from the pre-IESS FR SIZEFIRM categories. For temporal comparison purposes it is hence suggested to add the codes SIZEFIRM = 23, 24 and 25.

LOOKOJ

Codes or value

- 1 Person is not looking for another job
 - 2 Person is looking for another job
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	LOOKOJ	LOOKOJ
2	-	-	Out of sample
1	2,9	-	9
1	1	0	1
1	1	1	2
1	1	9,Blank	Blank

Notes

Pre-IESS FR LOOKOJ=9 addresses the cases moved from not employed to employed.

HWWISH

Codes or value

00-98	Number of hours wished to work in total in a week
Blank	Not stated
99	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HWWISH	HWWISH
2	-	-	Out of sample
1	2, 9	-	99
1	1	01-98	= pre-IESS FR HWWISH number of hours
1	1	99, Blank	Blank

Notes

Pre-IESS FR HWWISH=99 addresses the cases moved from not employed to employed.

SEEKDUR

Codes or value

1	Less than 1 month
2	1 to 2 months
3	3 to 5 months
4	6 to 11 months
5	12 to 17 months
6	18 to 23 months
7	24 to 47 months
8	4 years or longer
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	SEEKWORK	SEEKDUR	SEEKDUR
2	-	-	Out of sample
1	3,5,9	-	9
1	1,2	1	1
1	1,2	2	2
1	1,2	3	3
1	1,2	4	4
1	1,2	5	5
1	1,2	6	6
1	1,2	7	7
1	1,2	8	8
1	1,2	0, Blank	Blank

Notes

The pre-IESS FR SEEKDUR code 0 (search not yet started) does not exist anymore, and those whose answer was 0 are imputed Blank.

NEEDCARE

Codes or value

1	Relevant care services not available Included in code 5
2	Relevant care services not affordable Included in code 5
3	Want to provide care themselves Included in code 6
4	Other factors were decisive Included in code 6
5	Relevant care services not available or affordable Code valid only before IESS entry into force
6	Other reasons Code valid only before IESS entry into force
Blank	Not stated
9	Not applicable

post-IESS FR			pre-IESS FR	post-IESS FR
OOSAMPLE	SEEKREAS	FTPTREAS	NEEDCARE	NEEDCARE
2	-	-	-	Out of sample
1	1,2,3, 7,8,9, 0,Blank	1,2,6,7,8,9, Blank	-	9
1	4	9	1,2,3	5
1	4	9	4	6
1	4	9	Blank	Blank
1	9	3	1,2,3	5
1	9	3	4	6
1	9	3	Blank	Blank

Notes

In the pre-IESS FR NEEDCARE it is impossible to distinguish between services not available and not affordable, hence a new code combining the two is created (post-IESS FR NEEDCARE=5). Similarly, in the pre-IESS FR NEEDCARE it is impossible to distinguish between 'Want to provide care themselves' and 'Other factors', hence a new code encompassing the two is created (post-IESS FR NEEDCARE=6).

For temporal comparison purposes it is suggested to add these codes NEEDCARE=5, combining post-IESS FR NEEDCARE=1 and 2, and NEEDCARE=6, encompassing post-IESS FR NEEDCARE=3 and 4, in the post-IESS FR datasets.

As regards the filter, the transcoding does not lead to cases not wanting to work or not being available (WANTREAS = 3 or AVAIREAS = 3).

STAPRO2J

Codes or value

- 1 Self-employed person with employees
 - 2 Self-employed person without employees
 - 3 Employee
 - 4 Family worker (unpaid)
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	NUMJOB	STAPRO2J	STAPRO2J
2	-	-	Out of sample
1	1,9,Blank	-	9
1	4	1	1
1	4	2	2
1	4	3	3
1	4	4	4
1	4	Blank	Blank

NACE2J2D

Codes or value

01-99 NACE code at 2-digit level

Blank Not stated

00 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	NUMJOB	NACE2J2D	NACE2J2D
2	-	-	Out of sample
1	1,9,Blank	00	00
1	4	NACE code at 2-digit level	= pre-IESS FR NACE2J2D code
1	4	Blank	Blank

MAINSTAT

Codes or value

1	Employed
2	Unemployed
3	Retired
4	Unable to work due to long-standing health problems
5	Student, pupil
6	Fulfilling domestic tasks
7	Compulsory military or civilian service
8	Other
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	WKSTAT	MAINSTAT	MAINSTAT
2	-	-	Out of sample
1	9	-	9
1	1,2,3,4	1	1
1	1,2,3,4	2	2
1	1,2,3,4	3	5
1	1,2,3,4	4	3
1	1,2,3,4	5	4
1	1,2,3,4	6	7
1	1,2,3,4	7	6
1	1,2,3,4	8	8
1	1,2,3,4	Blank	Blank

TOPIC 4:

Educational attainment and background

HATLEVEL

Codes or value

000	No formal education or below ISCED 1
100	ISCED 1 Primary education
200	ISCED 2 Lower secondary education
342	ISCED 3 Upper secondary education (general) – partial level completion, without direct access to tertiary education
343	ISCED 3 Upper secondary education (general) – level completion, without direct access to tertiary education
344	ISCED 3 Upper secondary education (general) – level completion, with direct access to tertiary education
349	ISCED 3 Upper secondary education (general) – without possible distinction of access to tertiary education
352	ISCED 3 Upper secondary education (vocational) – partial level completion, without direct access to tertiary education
353	ISCED 3 Upper secondary education (vocational) – level completion, without direct access to tertiary education
354	ISCED 3 Upper secondary education (vocational) – level completion, with direct access to tertiary education
359	ISCED 3 Upper secondary education (vocational) – without possible distinction of access to tertiary education
392	ISCED 3 Upper secondary education (orientation unknown) – partial level completion, without direct access to tertiary education
393	ISCED 3 Upper secondary education (orientation unknown) – level completion, without direct access to tertiary education
394	ISCED 3 Upper secondary education (orientation unknown) – level completion, with direct access to tertiary education
399	ISCED 3 Upper secondary education (orientation unknown) – without possible distinction of access to tertiary education
440	ISCED 4 Post-secondary non-tertiary education – general
450	ISCED 4 Post-secondary non-tertiary education – vocational
490	ISCED 4 Post-secondary non-tertiary education – orientation unknown
500	ISCED 5 Short-cycle tertiary education Encompassing:
540	<i>ISCED 5 Short-cycle tertiary education – general Not recoverable - previously in 500</i>
550	<i>ISCED 5 Short-cycle tertiary education – vocational Not recoverable - previously in 500</i>
590	<i>ISCED 5 Short-cycle tertiary education – orientation unknown Not recoverable - previously in 500</i>
600	ISCED 6 Bachelor's or equivalent level
700	ISCED 7 Master's or equivalent level
800	ISCED 8 Doctoral or equivalent level
900	ISCED 6 Code encompassing ISCED 6 to 8 between 2006 and 2013
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR 2014-2020		post-IESS FR
OOSAMPLE	AGE	HATLEVEL	HATVOC	HATLEVEL
2	-	-	-	Out of sample
1	<15 or >=90	-	-	999
1	>=15 and <90	000	9	000
1	>=15 and <90	100	9	100
1	>=15 and <90	200	9	200
1	>=15 and <90	302	1	342
1	>=15 and <90	303	1	343
1	>=15 and <90	304	1	344
1	>=15 and <90	300	1	349
1	>=15 and <90	302	2	352
1	>=15 and <90	303	2	353
1	>=15 and <90	304	2	354
1	>=15 and <90	300	2	359
1	>=15 and <90	302	9, Blank	392
1	>=15 and <90	303	9, Blank	393
1	>=15 and <90	304	9, Blank	394
1	>=15 and <90	300	9, Blank	399
1	>=15 and <90	400	1	440
1	>=15 and <90	400	2	450
1	>=15 and <90	400	9, Blank	490
1	>=15 and <90	500	9	500
1	>=15 and <90	600	9	600
1	>=15 and <90	700	9	700
1	>=15 and <90	800	9	800
1	>=15 and <90	Blank	9	Blank

post-IESS FR		pre-IESS FR 2006-2013		post-IESS FR
OOSAMPLE	AGE	HATLEVEL	HATVOC	HATLEVEL
2	-	-	-	Out of sample
1	<15 or >=90	-	-	999
1	>=15 and <90	00	-	000
1	>=15 and <90	11	-	100
1	>=15 and <90	21, 22	-	200
1	>=15 and <90	31	-	393
1	>=15 and <90	32	-	394
1	>=15 and <90	30	-	399
1	>=15 and <90	41, 42, 43	-	490
1	>=15 and <90	52	-	540
1	>=15 and <90	51	-	550
1	>=15 and <90	60	-	900
1	>=15 and <90	Blank	-	Blank

Notes

Between 2014 and 2020, codes 540, 550 and 590 are impossible to be recovered because they were previously grouped in one code 500. There is no information allowing the identification of

the more detailed post-IESS categories. For temporal comparison purposes it is suggested to add the code HATLEVEL = 500, encompassing HATLEVEL = 540, 550 and 590, in the post-IESS FR datasets.

Between 2006 and 2013, a similar transcoding is proposed, with a code 900 representing the not yet split ISCED 6 until 2013.

In addition, variable HATLEV1D providing information on low/medium/high level is kept also for prior years.

HATFIELD

Codes or value

- 000 Generic programmes and qualifications **Encompassing:**
001 *Basic programmes and qualifications* **Not recoverable**
002 *Literacy and numeracy* **Not recoverable**
003 *Personal skills and development* **Not recoverable**
009 *Generic programmes and qualifications not further defined* **Not recoverable**
- 010 Education **Encompassing:**
011 *Education* **Not recoverable**
018 *Inter-disciplinary programmes and qualifications involving education* **Not recoverable**
- 020 Arts and humanities **Encompassing:**
021 *Arts* **Not recoverable**
022 *Humanities (except languages)* **Not recoverable**
023 *Languages* **Not recoverable**
028 *Inter-disciplinary programmes and qualifications involving arts and humanities* **Not recoverable**
029 *Arts and humanities not further defined* **Not recoverable**
- 030 Social sciences, journalism and information **Encompassing:**
031 *Social and behavioural sciences* **Not recoverable**
032 *Journalism and information* **Not recoverable**
038 *Inter-disciplinary programmes and qualifications involving social sciences, journalism and information* **Not recoverable**
039 *Social sciences, journalism and information not further defined* **Not recoverable**
- 040 Business, administration and law **Encompassing:**
041 *Business and administration* **Not recoverable**
042 *Law* **Not recoverable**
048 *Inter-disciplinary programmes and qualifications involving business, administration and law* **Not recoverable**
049 *Business, administration and law not further defined* **Not recoverable**
- 050 Natural sciences, mathematics and statistics **Encompassing:**
051 *Biological and related sciences* **Not recoverable**
052 *Environment* **Not recoverable**
053 *Physical sciences* **Not recoverable**
054 *Mathematics and statistics* **Not recoverable**
058 *Inter-disciplinary programmes and qualifications involving natural sciences, mathematics and statistics* **Not recoverable**
059 *Natural sciences, mathematics and statistics not further defined* **Not recoverable**
- 060 Information and Communication Technologies **Encompassing:**
061 *Information and Communication Technologies (ICTs)* **Not recoverable**
068 *Inter-disciplinary programmes and qualifications involving Information and Communication Technologies (ICTs)* **Not recoverable**
- 070 Engineering, manufacturing and construction **Encompassing:**
071 *Engineering and engineering trades* **Not recoverable**
072 *Manufacturing and processing* **Not recoverable**
073 *Architecture and construction* **Not recoverable**
078 *Inter-disciplinary programmes and qualifications involving engineering, manufacturing and construction* **Not recoverable**
079 *Engineering, manufacturing and construction not further defined* **Not recoverable**

080	Agriculture, forestry, fisheries and veterinary Encompassing:
081	Agriculture Not recoverable
082	Forestry Not recoverable
083	Fisheries Not recoverable
084	Veterinary Not recoverable
088	Inter-disciplinary programmes and qualifications involving agriculture, forestry, fisheries and veterinary Not recoverable
089	Agriculture, forestry, fisheries and veterinary not further defined Not recoverable
090	Health and welfare Encompassing:
091	Health Not recoverable
092	Welfare Not recoverable
098	Inter-disciplinary programmes and qualifications involving health and welfare Not recoverable
099	Health and welfare not further defined Not recoverable
100	Services Encompassing:
101	Personal services Not recoverable
102	Hygiene and occupational health services Not recoverable
103	Security services Not recoverable
104	Transport services Not recoverable
108	Inter-disciplinary programmes and qualifications involving services Not recoverable
109	Services not further defined Not recoverable
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR 2016-2020	post-IESS FR
OOSAMPLE	HATLEVEL	HATFIELD	HATFIELD
2	-	-	Out of sample
1	000, 100, 200, 999, Blank	-	999
1	>=342 and <=800	0000	000
1	>=342 and <=800	0100	010
1	>=342 and <=800	0200	020
1	>=342 and <=800	0300	030
1	>=342 and <=800	0400	040
1	>=342 and <=800	0500	050
1	>=342 and <=800	0600	060
1	>=342 and <=800	0700	070
1	>=342 and <=800	0800	080

1	>=342 and <=800	0900	090
1	>=342 and <=800	1000	100
1	>=342 and <=800	8888, Blank	Blank
1	>=342 and <=800	9999	Blank

Notes

The post-IESS FR HATFIELD variable is far more detailed than the pre-IESS FR HATFIELD between 2016 and 2020, and is not possible to retrieve such detailed information. The only possible solution is to keep old categories, encompassing several new ones.

Before 2016, a transcoding is not possible as the classification changed substantially.

HATYEAR

Codes or value

YYYY	Year when the highest level of education was successfully completed
Blank	Not stated
9999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	HATLEVEL	HATYEAR	HATYEAR
2	-	-	Out of sample
1	000, 999, Blank	-	9999
1	>=100 and <=900	YYYY	= pre-IESS FR HATYEAR code
1	>=100 and <=900	Blank	Blank

Notes

The transcoding above applies from 2006 onwards. For prior years, HATYEAR is kept unchanged and refers to HATLEV1D then.

HATWORK

This variable is not recoverable.

TOPIC 5:

Job tenure and previous work experience

YSTARTWK

Codes or value

YYYY	Year concerned (4 digits)
Blank	Not stated
9999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	YSTARTWK	YSTARTWK
2	-	-	Out of sample
1	2,9	-	9999
1	1	YYYY	= pre-IESS FR YSTARTWK
1	1	9999, Blank	Blank

Notes

Pre-IESS FR YSTARTWK=9999 addresses the cases moved from not employed to employed.

MSTARTWK

Codes or value

01-12 Month concerned (2 digits)

Blank Not stated

99 Not applicable

OOSAMPLE	post-IESS FR		pre-IESS FR	post-IESS FR
	EMPSTAT	YSTARTWK	MSTARTWK	MSTARTWK
2	-	-	-	Out of sample
1	2,9	9999	-	99
1	1	Blank	-	99
1	1	REFYEAR – YSTARTWK > 2	-	99
1	1	REFYEAR – YSTARTWK <= 2	01-12	= pre-IESS FR MSTARTWK
1	1	REFYEAR – YSTARTWK <= 2	Blank	Blank

WAYJFOUN

Codes or value

1	Yes
2	No
Blank	Not stated
9	Not applicable

post-IESS FR				pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	YSTARTWK	MSTARTWK	WAYJFOUN	WAYJFOUN
2	-	-	-	-	Out of sample
1	2,9	-	-	-	9
1	1	YSTARTWK < = (REFYEAR-2)	-	-	9
1	1	Blank	-	-	9
1	1	YSTARTWK = (REFYEAR-1)	MSTARTWK <= REFMONTH	-	9
1	1	YSTARTWK = (REFYEAR-1)	Blank	-	9
1	1	YSTARTWK = (REFYEAR-1)	MSTARTWK > REFMONTH	0	2
1	1	YSTARTWK = (REFYEAR-1)	MSTARTWK > REFMONTH	1	1
1	1	YSTARTWK = (REFYEAR-1)	MSTARTWK > REFMONTH	9, Blank	Blank
1	1	YSTARTWK = REFYEAR	-	0	2
1	1	YSTARTWK = REFYEAR	-	1	1
1	1	YSTARTWK = REFYEAR	-	9, Blank	Blank

Notes

Pre-IESS FR WAYJFOUN=9 addresses the filter extension from employees to employed persons.

FINDMETH

This variable is not recoverable.

EXISTPR

Codes or value

- 1 Person has never been in employment. **Not recoverable: included in code 4**
- 2 Person has employment experience limited to occasional work. **Not recoverable: included in code 4**
- 3 Person has employment experience other than occasional work
- 4 Person has never been in employment or has employment experience limited to occasional work **Code valid only before IESS entry into force**
- Blank Not stated
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	EXISTPR	EXISTPR
2	-	-	Out of sample
1	1,9	-	9
1	2	0	4
1	2	1	3
1	2	9, Blank	Blank

Notes

Codes 1 and 2 are impossible to be recovered. There is no information allowing distinguishing between them. For temporal comparison purposes, both situations are coded in post-IESS FR EXISTPR = 4.

Pre-IESS FR EXISTPR=9 addresses the cases moved from employed to not employed.

YEARPR

Codes or value

YYYY Year concerned (4 digits)

Blank Not stated

9999 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EXISTPR	YEARPR	YEARPR
2	-	-	Out of sample
1	4,9,Blank	-	9999
1	3	YYYY	= pre-IESS FR YEARPR code
1	3	Blank	Blank

MONTHPR

Codes or value

01-12 Month concerned (2 digits)

Blank Not stated

99 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	YEARPR	MONTHPR	MONTHPR
2	-	-	Out of sample
1	REFYEAR - YEARPR > 2	-	99
1	9999,Blank	-	99
1	REFYEAR - YEARPR <= 2	Blank	Blank
1	REFYEAR - YEARPR <= 2	01-12	= pre-IESS FR MONTHPR code

LEAVREAS

Codes or value

Labour market reasons

- 01 Dismissal or business closed for economic reasons
 02 A fixed-term job has ended

Family reasons

- 03 Care responsibilities
 04 *Other family reasons. Not recoverable: included in code 10*

Personal reasons

- 05 Education or training
 06 Own illness and disability
 07 Retirement
 08 *Other personal reasons. Not recoverable: included in code 10*

Other reasons

- 09 Other reasons
 10 Other personal or family reasons. *Code valid only before IESS entry into force*
 Blank Not stated
 99 Not applicable

post-IESS FR			pre-IESS FR	
OOSAMPLE	EXISTPR	YEARPR	LEAVREAS	LEAVREAS
2	-	-	-	Out of sample
1	4,9,Blank	-	-	99
1	3	Blank	-	99
1	3	REFYEAR - YEARPR > 7	-	99
1	3	REFYEAR - YEARPR <= 7	00	01
1	3	REFYEAR - YEARPR <= 7	01	02
1	3	REFYEAR - YEARPR <= 7	02	03
1	3	REFYEAR - YEARPR <= 7	03	10
1	3	REFYEAR - YEARPR <= 7	04	06
1	3	REFYEAR - YEARPR <= 7	05	05
1	3	REFYEAR - YEARPR <= 7	06	07
1	3	REFYEAR - YEARPR <= 7	07	07
1	3	REFYEAR - YEARPR <= 7	08	09
1	3	REFYEAR - YEARPR <= 7	09	09
1	3	REFYEAR - YEARPR <= 7	Blank	Blank

Notes

The pre-IESS FR LEAVREAS variable code 02 does not fully correspond to the post-IESS FR code 03. The explanatory notes of the first one state: “looking after children or incapacitated adults”, including looking after any children or incapacitated adults even if not belonging to the respondent’s family. In the explanatory notes of the post-IESS FR variable it is clearly stated that:

- friends, non-relatives or their children,
- care as a job and
- care as a volunteer work

are excluded. It is nevertheless suggested to recode pre-IESS code 02 in post-IESS code 03 since the number persons that should be excluded are probably negligible.

Categories post-IESS FR LEAVREAS =04 and 08 are not recoverable since they are not distinguishable in the pre-IESS FR LEAVREAS. For temporal comparison purposes it is suggested to add the code LEAVREAS =10, encompassing AVAIREAS=04 and 08, in the post-IESS FR datasets.

STAPROPR

Codes or value

- 1 Self-employed person with employees
- 2 Self-employed person without employees
- 3 Employee
- 4 Family worker (unpaid)
- Blank Not stated
- 9 Not applicable

post-IESS FR			pre-IESS FR	post-IESS FR
OOSAMPLE	EXISTPR	YEARPR	STAPROPR	STAPROPR
2	-	-	-	Out of sample
1	4,9,Blank	-	-	9
1	3	Blank	-	9
1	3	REFYEAR - YEARPR > 7	-	9
1	3	REFYEAR - YEARPR <= 7	1	1
1	3	REFYEAR - YEARPR <= 7	2	2
1	3	REFYEAR - YEARPR <= 7	3	3
1	3	REFYEAR - YEARPR <= 7	4	4
1	3	REFYEAR - YEARPR <= 7	Blank	Blank

NACEPR2D

Codes or value

01-99	NACE code at 2-digit level
Blank	Not stated
00	Not applicable

post-IESS FR			pre-IESS FR	post-IESS FR
OOSAMPLE	EXISTPR	YEARPR	NACEPR2D	NACEPR2D
2	-	-	-	Out of sample
1	4,9,Blank	-	-	00
1	3	Blank	-	00
1	3	REFYEAR - YEARPR > 7	-	00
1	3	REFYEAR - YEARPR <= 7	NACE code at 2-digit level	= pre-IESS FR NACEPR2D code
1	3	REFYEAR - YEARPR <= 7	Blank	Blank

ISCOPR3D

Codes or value

000-990	ISCO code at 3-digit level
Blank	Not stated
999	Not applicable

post-IESS FR			pre-IESS FR	post-IESS FR
OOSAMPLE	EXISTPR	YEARPR	ISCOPR3D	ISCOPR3D
2	-	-	-	Out of sample
1	4,9,Blank	-	-	999
1	3	Blank	-	999
1	3	REFYEAR - YEARPR > 7	-	999
1	3	REFYEAR - YEARPR <= 7	ISCO code at 3-digit level	= pre-IESS FR ISCOPR3D code
1	3	REFYEAR - YEARPR <= 7	Blank	Blank

TOPIC 6:

Working conditions including working hours

CONTRHRS

This variable is not recoverable.

HWUSUAL

Codes or value

010, 015, 020 ... 945, 950	Number of hours usually worked in the main job (x10)
970	Hours worked vary from week to week
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HWUSUAL	HWUSUAL
2	-	-	Out of sample
1	2,9	-	999
1	1	00	970
1	1	01-95	= pre-IESS FR HWUSUAL multiplied by 10
1	1	96-98	950
1	1	99, Blank	Blank

Notes

Pre-IESS FR HWUSUAL=99 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

ABSHOLID

This variable is not recoverable.

Notes

The variable records the number of days of absence from main job due to holidays and leave. The only related information available in the pre-IESS FR variable HOURREAS is the main reason for hours actually worked during the reference week being different from the person's usual hours. Only the main reason is described.

Making the hypothesis that there is one and only one reason why the actual hours are lower than the usual hours it could be possible to recover the number of absence hours because of holidays and/or leave in this way:

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HOURREAS	Hours off because of holidays and/or leave
2	-	-	Out of sample
1	2,9	-	99
1	1	01-09	00
1	1	10-12	= HWUSUAL - HWACTUAL
1	1	13-16	00
1	1	97	00
1	1	98, 99, Blank	Blank

ABSILLINJ

This variable is not recoverable.

Notes

The variable records the number of days of absence from main job due to own illness, injury or temporary disability. The only related information available in the pre-IESS FR variable HOURREAS is the main reason for hours actually worked during the reference week being different from the person's usual hours. Only the main reason is described.

Making the hypothesis that there is one and only one reason why the actual hours are lower than the usual hours it could be possible to recover the number of absence hours because of own illness, injury or temporary disability in this way:

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HOURREAS	Hours off because of own illness, injury or temporary disability
2	-	-	Out of sample
1	2,9	-	99
1	1	01-07	00
1	1	08	= HWUSUAL - HWACTUAL
1	1	09-16	00
1	1	97	00
1	1	98, 99, Blank	Blank

ABSOTHER

This variable is not recoverable.

Notes

The variable records the number of days of absence from main job due to other reasons. The only related information available in the pre-I ESS FR variable HOURREAS is the main reason for hours actually worked during the reference week being different from the person's usual hours. Only the main reason is described.

Making the hypothesis that there is one and only one reason why the actual hours are lower than the usual hours it could be possible to recover the number of absence hours because of other reasons in this way:

post-I ESS FR		pre-I ESS FR	post-I ESS FR
OOSAMPLE	EMPSTAT	HOURREAS	Hours off because of other reasons
2	-	-	Out of sample
1	2,9	-	99
1	1	01-02,08, 10-12,16,97	00
1	1	03-07,09, 13-15	= HWUSUAL - HWACTUAL
1	1	98, 99, Blank	Blank

EXTRAHRS

Codes or value

000	No overtime or extra hours in the main job
005, 010, 015, 020 ... 945, 950	Number of hours of overtime or extra hours in the main job (x10)
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR		post-IESS FR
OOSAMPLE	WKSTAT	HWOVERP	HWOVERPU	EXTRAHRS
2	-	-	-	Out of sample
1	2,4,9	-	-	999
1	1,3	00-98	00-98	= (HWOVERP + HWOVERPU) multiplied by 10
1	1,3	00-98	Blank	= HWOVERP multiplied by 10
1	1,3	Blank	00-98	= HWOVERPU multiplied by 10
1	1,3	99	99	Blank
1	1,3	Blank	Blank	Blank

Notes

Pre-IESS FR HWOVERP(U)=99 together with post-IESS FR WKSTAT=1,3 addresses the cases moved from not employed to employed.

In case the exact value calculated for EXTRAHRS exceeds 950, the maximum value of 950 should be used.

HWACTUAL

Codes or value

000	Did not work in the main job in the reference week
010, 015, 020 ... 945, 950	Number of hours actually worked in the main job (x10)
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	HWACTUAL	HWACTUAL
2	-	-	Out of sample
1	2,9	-	999
1	1	00	000
1	1	01-95	= pre-IESS FR HWACTUAL multiplied by 10
1	1	96-98	950
1	1	99, Blank	Blank

Notes

Pre-IESS FR HWACTUAL=99 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

HWUSU2J

This variable is not recoverable.

HWACTU2J

Codes or value

000	Did not work in the second job in the reference week
010, 015, 020 ... 945, 950	Number of hours actually worked in the second job (x10)
Blank	Not stated
999	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	NUMJOB	HWACTUA2	HWACTU2J
2	-	-	Out of sample
1	1,9,Blank	-	999
1	4	00	000
1	4	01-95	= pre-IESS FR HWACTUA2 multiplied by 10
1	4	96-98	950
1	4	Blank	Blank

SHIFTWK

Codes or value

- 1 Person usually does shift work
- 3 Person never does shift work
- Blank Not stated
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	STAPRO	SHIFTWK	SHIFTWK
2	-	-	Out of sample
1	1,2,4,9,Blank	-	9
1	3	1	1
1	3	3	3
1	3	Blank	Blank

EVENWK

Codes or value

- 1 Person frequently works in the evening
- 2 Person sometimes works in the evening
- 3 Person never works in the evening
- Blank Not stated
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	EVENWK	EVENWK
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	9, Blank	Blank

Notes

Pre-IESS FR EVENWK=9 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

NIGHTWK

Codes or value

1	Person frequently works at night
2	Person sometimes works at night
3	Person never works at night
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	NIGHTWK	NIGHTWK
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	9, Blank	Blank

Notes

Pre-IESS FR NIGHTWK=9 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

SATWK

Codes or value

- 1 Person frequently works on Saturdays
 - 2 Person sometimes works on Saturdays
 - 3 Person never works on Saturdays
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	SATWK	SATWK
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	9, Blank	Blank

Notes

Pre-IESS FR SATWK=9 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

SUNWK

Codes or value

- 1 Person frequently works on Sundays
 - 2 Person sometimes works on Sundays
 - 3 Person never works on Sundays
 - Blank Not stated
 - 9 Not applicable
-

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	EMPSTAT	SUNWK	SUNWK
2	-	-	Out of sample
1	2,9	-	9
1	1	1	1
1	1	2	2
1	1	3	3
1	1	9, Blank	Blank

Notes

Pre-IESS FR SUNWK=9 together with post-IESS FR EMPSTAT=1 addresses the cases moved from not employed to employed.

TOPIC 7:

Participation in education and training

EDUCFED4

Codes or value

1	Yes (includes students on holidays)
2	No
Blank	Not stated
9	Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	AGE	EDUCSTAT	EDUCFED4
2	-	-	Out of sample
1	<15 or >=75	-	9
1	>=15 and <75	1, 3	1
1	>=15 and <75	2	2
1	>=15 and <75	Blank	Blank

Notes

The transcoding applies from 2003 onwards.

In addition, variable EDUC4WEEKS combining information on education and training during the last 4 weeks from EDUCSTAT and COURATT is kept also for prior years.

EDUCLEV4

Codes or value

10	ISCED 1 Primary education
20	ISCED 2 Lower secondary education
34	ISCED 3 Upper secondary education - general
35	ISCED 3 Upper secondary education - vocational
39	ISCED 3 Upper secondary education - orientation unknown
44	ISCED 4 Post-secondary non-tertiary education – general
45	ISCED 4 Post-secondary non-tertiary education – vocational
49	ISCED 4 Post-secondary non-tertiary education – orientation unknown
50	ISCED 5 Short-cycle tertiary education Encompassing:
54	<i>ISCED 5 Short-cycle tertiary education – general Not recoverable</i>
55	<i>ISCED 5 Short-cycle tertiary education – vocational Not recoverable</i>
59	<i>ISCED 5 Short-cycle tertiary education – orientation unknown Not recoverable</i>
60	ISCED 6 Bachelor’s or equivalent level
70	ISCED 7 Master’s or equivalent level
80	ISCED 8 Doctoral or equivalent level
90	ISCED 6 Code encompassing ISCED 6 to 8 between 2003 and 2013
Blank	Not stated
99	Not applicable

post-IESS FR		pre-IESS FR 2014-2020		post-IESS FR
OOSAMPLE	EDUCFED4	EDUCLEVL	EDUCVOC	EDUCLEV4
2	-	-	-	Out of sample
1	2, 9, Blank	-	-	99
1	1	1	9	10
1	1	2	9	20
1	1	3	1	34
1	1	3	2	35
1	1	3	Blank	39
1	1	4	1	44
1	1	4	2	45
1	1	4	Blank	49
1	1	5	9	50
1	1	6	9	60
1	1	7	9	70
1	1	8	9	80
1	1	Blank	9	Blank

post-IESS FR		pre-IESS FR 2003-2013		post-IESS FR
OOSAMPLE	EDUCFED4	EDUCLEVL	EDUCVOC	EDUCLEV4
2	-	-	-	Out of sample
1	2, 9, Blank	-	-	99
1	1	1	-	10
1	1	2	-	20
1	1	3	-	39
1	1	4	-	49
1	1	5	-	50
1	1	6	-	90
1	1	Blank	-	Blank

Notes

Between 2014 and 2020, codes 54, 55 and 59 are impossible to be recovered because they were previously grouped in one code 50. There is no information allowing the identification of the more detailed post-IESS categories. For temporal comparison purposes it is suggested to add the code EDUCLEV4=50 in the post-IESS FR datasets.

Between 2003 and 2013, a similar transcoding is proposed, with a code 90 representing the not yet split ISCED 6 until 2013.

EDUCNFE4

Codes or value

- 4 Participating in at least one non-formal education or training activity **Encompassing:**
- 1 *Participating in at least one job-related non-formal education or training activity **Not recoverable***
- 2 *Participating only in non-job-related/personal non-formal education or training activities **Not recoverable***
- 3 Not participating in any non-formal education or training activity
- Blank Not stated
- 9 Not applicable

post-IESS FR		pre-IESS FR	post-IESS FR
OOSAMPLE	AGE	COURATT	EDUCNFE4
2	-	-	Out of sample
1	<15 or >=75	-	9
1	>=15 and <75	1	4
1	>=15 and <75	2	3
1	>=15 and <75	Blank	Blank

Notes

The transcoding applies from 2003 onwards.

Codes 1 and 2 are impossible to be recovered because they were previously grouped in one code 1. There is no information allowing the identification of the more detailed post-IESS categories. For temporal comparison purposes, it is suggested to add the code EDUCNFE4=4 in the post-IESS FR datasets.

In addition, variable EDUC4WEEKS combining information on education and training during the last 4 weeks from EDUCSTAT and COURATT is kept also for prior years.

EDUCFED12

This variable is not recoverable.

EDUCLEV12

This variable is not recoverable.

EDUCNFE12

This variable is not recoverable.

TOPIC 8:

Health status and disability

GENHEALTH

This variable is not recoverable.

GALI

This variable is not recoverable.

TOPIC 9:

Income, consumption and wealth

INCGROSS

This variable is not recoverable.

INCGROSS_F

This variable is not recoverable.

REGISTER

Codes or value

- 1 Person is registered at a public employment service and receives benefit or assistance
- 2 Person is registered at a public employment service but does not receive benefit or assistance
- 3 Person is not registered at a public employment service but receives benefit or assistance
- 4 Person is not registered at a public employment service and does not receive benefit or assistance
- Blank Not stated
- 9 Not applicable

post-IESS FR	pre-IESS FR		post-IESS FR
OOSAMPLE	AGE	REGISTER	REGISTER
2	-	-	Out of sample
1	<15 or >=75	-	9
1	>=15 and <75	1	1
1	>=15 and <75	2	2
1	>=15 and <75	3	3
1	>=15 and <75	4	4
1	>=15 and <75	Blank	Blank

ANNEX – Definition of reference quarters and months

Note: Shaded areas show either the quarters with 14 weeks (c), or the quarters involved when the majority rule leads to 12 weeks in the 1st quarter (b). The bold face fonts show the changes in the starting dates, and number of weeks when this happens.

	First day	Number of weeks in the			
		Year / quarter	1st month	2nd month	3rd month
2001	01/01/2001	52			
Q1	01/01/2001	13	4	4	5
Q2	02/04/2001	13	4	5	4
Q3	02/07/2001	13	4	5	4
Q4	01/10/2001	13	4	5	4
2002	31/12/2001	52			
Q1	31/12/2001	13	5	4	4
Q2	01/04/2002	13	4	5	4
Q3	01/07/2002	13	4	5	4
Q4	30/09/2002	13	5	4	4
2003	30/12/2002	52			
Q1	30/12/2002	13	5	4	4
Q2	31/03/2003	13	4	5	4
Q3	30/06/2003	13	5	4	4
Q4	29/09/2003	13	5	4	4
2004	29/12/2003	53			
Q1	29/12/2003	13	5	4	4
Q2	29/03/2004	13	5	4	4
Q3	28/06/2004	14	5	4	5
Q4	04/10/2004	13	4	4	5
2005	03/01/2005	52			
Q1	03/01/2005	13	4	4	5
Q2	04/04/2005	13	4	4	5
Q3	04/07/2005	13	4	4	5
Q4	03/10/2005	13	4	4	5
2006	02/01/2006	52			
Q1	02/01/2006	13	4	4	5
Q2	03/04/2006	13	4	4	5
Q3	03/07/2006	13	4	5	4
Q4	02/10/2006	13	4	5	4
2007	01/01/2007	52			
Q1	01/01/2007	13	4	4	5
Q2	02/04/2007	13	4	5	4
Q3	02/07/2007	13	4	5	4
Q4	01/10/2007	13	4	5	4
2008	31/12/2007	52			
Q1	31/12/2007	13	5	4	4
Q2	31/03/2008	13	4	5	4
Q3	30/06/2008	13	5	4	4
Q4	29/09/2008	13	5	4	4
2009	29/12/2008	53			
Q1	29/12/2008	13	5	4	4
Q2	30/03/2009	13	5	4	4
Q3	29/06/2009	13	5	4	4
Q4	28/09/2009	14	5	4	5
2010	04/01/2010	52			
Q1	04/01/2010	13	4	4	5
Q2	05/04/2010	13	4	4	5
Q3	05/07/2010	13	4	4	5
Q4	04/10/2010	13	4	4	5
2011	03/01/2011	52			
Q1	03/01/2011	13	4	4	5
Q2	04/04/2011	13	4	4	5
Q3	04/07/2011	13	4	4	5
Q4	03/10/2011	13	4	4	5
2012	02/01/2012	52			
Q1	02/01/2012	13	4	4	5
Q2	02/04/2012	13	4	5	4
Q3	02/07/2012	13	4	5	4
Q4	01/10/2012	13	4	5	4
2013	31/12/2012	52			
Q1	31/12/2012	13	5	4	4
Q2	01/04/2013	13	4	5	4
Q3	01/07/2013	13	4	5	4
Q4	30/09/2013	13	5	4	4
2014	30/12/2013	52			
Q1	30/12/2013	13	5	4	4
Q2	31/03/2014	13	4	5	4
Q3	30/06/2014	13	5	4	4
Q4	29/09/2014	13	5	4	4
2015	29/12/2014	53			
Q1	29/12/2014	13	5	4	4
Q2	30/03/2015	13	5	4	4
Q3	29/06/2015	13	5	4	4
Q4	28/09/2015	14	5	4	5
2016	04/01/2016	52			
Q1	04/01/2016	13	4	4	5
Q2	04/04/2016	13	4	4	5
Q3	04/07/2016	13	4	4	5
Q4	03/10/2016	13	4	4	5
2017	02/01/2017	52			
Q1	02/01/2017	13	4	4	5
Q2	03/04/2017	13	4	4	5
Q3	03/07/2017	13	4	5	4
Q4	02/10/2017	13	4	5	4
2018	01/01/2018	52			
Q1	01/01/2018	13	4	4	5
Q2	02/04/2018	13	4	5	4
Q3	02/07/2018	13	4	5	4
Q4	01/10/2018	13	4	5	4

	First day	Number of weeks in the			
		Year / quarter	1st month	2nd month	3rd month
2019	31/12/2018	52			
Q1	31/12/2018	13	5	4	4
Q2	01/04/2019	13	4	5	4
Q3	01/07/2019	13	4	5	4
Q4	30/09/2019	13	5	4	4
2020	30/12/2019	53			
Q1	30/12/2019	13	5	4	4
Q2	30/03/2020	13	5	4	4
Q3	29/06/2020	13	5	4	4
Q4	28/09/2020	14	5	4	5
2021	04/01/2021	52			
Q1	04/01/2021	13	4	4	5
Q2	05/04/2021	13	4	4	5
Q3	05/07/2021	13	4	4	5
Q4	04/10/2021	13	4	4	5
2022	03/01/2022	52			
Q1	03/01/2022	13	4	4	5
Q2	04/04/2022	13	4	4	5
Q3	04/07/2022	13	4	4	5
Q4	03/10/2022	13	4	4	5
2023	02/01/2023	52			
Q1	02/01/2023	13	4	4	5
Q2	03/04/2023	13	4	4	5
Q3	03/07/2023	13	4	5	4
Q4	02/10/2023	13	4	5	4
2024	01/01/2024	52			
Q1	01/01/2024	13	4	5	4
Q2	01/04/2024	13	4	5	4
Q3	01/07/2024	13	4	5	4
Q4	30/09/2024	13	5	4	4
2025	30/12/2024	52			
Q1	30/12/2024	13	5	4	4
Q2	31/03/2025	13	4	5	4
Q3	30/06/2025	13	5	4	4
Q4	29/09/2025	13	5	4	4
2026	29/12/2025	53			
Q1	29/12/2025	13	5	4	4
Q2	30/03/2026	13	5	4	4
Q3	29/06/2026	13	5	4	4
Q4	28/09/2026	14	5	4	5
2027	04/01/2027	52			
Q1	04/01/2027	13	4	4	5
Q2	05/04/2027	13	4	4	5
Q3	05/07/2027	13	4	4	5
Q4	04/10/2027	13	4	4	5
2028	03/01/2028	52			
Q1	03/01/2028	13	4	4	5
Q2	03/04/2028	13	4	4	5
Q3	03/07/2028	13	4	5	4
Q4	02/10/2028	13	4	5	4
2029	01/01/2029	52			
Q1	01/01/2029	13	4	4	5
Q2	02/04/2029	13	4	5	4

	First day	Number of weeks in the			
		Year / quarter	1st month	2nd month	3rd month
Q3	02/07/2029	13	4	5	4
Q4	01/10/2029	13	4	5	4
2030	31/12/2029	52			
Q1	31/12/2029	13	5	4	4
Q2	01/04/2030	13	4	5	4
Q3	01/07/2030	13	4	5	4
Q4	30/09/2030	13	5	4	4
2031	30/12/2030	52			
Q1	30/12/2030	13	5	4	4
Q2	31/03/2031	13	4	5	4
Q3	30/06/2031	13	5	4	4
Q4	29/09/2031	13	5	4	4
2032	29/12/2031	53			
Q1	29/12/2031	13	5	4	4
Q2	29/03/2032	13	5	4	4
Q3	28/06/2032	14	5	4	5
Q4	04/10/2032	13	4	4	5
2033	03/01/2033	52			
Q1	03/01/2033	13	4	4	5
Q2	04/04/2033	13	4	4	5
Q3	04/07/2033	13	4	4	5
Q4	03/10/2033	13	4	4	5
2034	02/01/2034	52			
Q1	02/01/2034	13	4	4	5
Q2	03/04/2034	13	4	4	5
Q3	03/07/2034	13	4	5	4
Q4	02/10/2034	13	4	5	4
2035	01/01/2035	52			
Q1	01/01/2035	13	4	4	5
Q2	02/04/2035	13	4	5	4
Q3	02/07/2035	13	4	5	4
Q4	01/10/2035	13	4	5	4
2036	31/12/2035	52			
Q1	31/12/2035	13	5	4	4
Q2	31/03/2036	13	4	5	4
Q3	30/06/2036	13	5	4	4
Q4	29/09/2036	13	5	4	4
2037	29/12/2036	53			
Q1	29/12/2036	13	5	4	4
Q2	30/03/2037	13	5	4	4
Q3	29/06/2037	13	5	4	4
Q4	28/09/2037	14	5	4	5
2038	04/01/2038	52			
Q1	04/01/2038	13	4	4	5
Q2	05/04/2038	13	4	4	5
Q3	05/07/2038	13	4	4	5
Q4	04/10/2038	13	4	4	5
2039	03/01/2039	52			
Q1	03/01/2039	13	4	4	5
Q2	04/04/2039	13	4	4	5
Q3	04/07/2039	13	4	4	5
Q4	03/10/2039	13	4	4	5
2040	02/01/2040	52			

	First day	Number of weeks in the			
		Year / quarter	1st month	2nd month	3rd month
Q1	02/01/2040	13	4	4	5
Q2	02/04/2040	13	4	5	4
Q3	02/07/2040	13	4	5	4
Q4	01/10/2040	13	4	5	4
2041	31/12/2040	52			
Q1	31/12/2040	13	5	4	4
Q2	01/04/2041	13	4	5	4
Q3	01/07/2041	13	4	5	4
Q4	30/09/2041	13	5	4	4
2042	30/12/2041	52			
Q1	30/12/2041	13	5	4	4
Q2	31/03/2042	13	4	5	4
Q3	30/06/2042	13	5	4	4
Q4	29/09/2042	13	5	4	4
2043	29/12/2042	53			
Q1	29/12/2042	13	5	4	4
Q2	30/03/2043	13	5	4	4
Q3	29/06/2043	13	5	4	4
Q4	28/09/2043	14	5	4	5
2044	04/01/2044	52			
Q1	04/01/2044	13	4	4	5
Q2	04/04/2044	13	4	4	5
Q3	04/07/2044	13	4	4	5
Q4	03/10/2044	13	4	4	5
2045	02/01/2045	52			
Q1	02/01/2045	13	4	4	5
Q2	03/04/2045	13	4	4	5
Q3	03/07/2045	13	4	5	4
Q4	02/10/2045	13	4	5	4
2046	01/01/2046	52			
Q1	01/01/2046	13	4	4	5
Q2	02/04/2046	13	4	5	4
Q3	02/07/2046	13	4	5	4
Q4	01/10/2046	13	4	5	4
2047	31/12/2046	52			
Q1	31/12/2046	13	5	4	4
Q2	01/04/2047	13	4	5	4
Q3	01/07/2047	13	4	5	4
Q4	30/09/2047	13	5	4	4
2048	30/12/2047	53			
Q1	30/12/2047	13	5	4	4
Q2	30/03/2048	13	5	4	4
Q3	29/06/2048	13	5	4	4
Q4	28/09/2048	14	5	4	5
2049	04/01/2049	52			

	First day	Number of weeks in the			
		Year / quarter	1st month	2nd month	3rd month
Q1	04/01/2049	13	4	4	5
Q2	05/04/2049	13	4	4	5
Q3	05/07/2049	13	4	4	5
Q4	04/10/2049	13	4	4	5
2050	03/01/2050	52			
Q1	03/01/2050	13	4	4	5
Q2	04/04/2050	13	4	4	5
Q3	04/07/2050	13	4	4	5
Q4	03/10/2050	13	4	4	5
2051	02/01/2051	52			
Q1	02/01/2051	13	4	4	5
Q2	03/04/2051	13	4	4	5
Q3	03/07/2051	13	4	5	4
Q4	02/10/2051	13	4	5	4
2052	01/01/2052	52			
Q1	01/01/2052	13	4	5	4
Q2	01/04/2052	13	4	5	4
Q3	01/07/2052	13	4	5	4
Q4	30/09/2052	13	5	4	4
2053	30/12/2052	52			
Q1	30/12/2052	13	5	4	4
Q2	31/03/2053	13	4	5	4
Q3	30/06/2053	13	5	4	4
Q4	29/09/2053	13	5	4	4
2054	29/12/2053	53			
Q1	29/12/2053	13	5	4	4
Q2	30/03/2054	13	5	4	4
Q3	29/06/2054	13	5	4	4
Q4	28/09/2054	14	5	4	5
2055	04/01/2055	52			
Q1	04/01/2055	13	4	4	5
Q2	05/04/2055	13	4	4	5
Q3	05/07/2055	13	4	4	5
Q4	04/10/2055	13	4	4	5
2056	03/01/2056	52			
Q1	03/01/2056	13	4	4	5
Q2	03/04/2056	13	4	4	5
Q3	03/07/2056	13	4	5	4
Q4	02/10/2056	13	4	5	4
2057	01/01/2057	52			
Q1	01/01/2057	13	4	4	5
Q2	02/04/2057	13	4	5	4
Q3	02/07/2057	13	4	5	4
Q4	01/10/2057	13	4	5	4