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Unit F-5: Education, health and social protection statistics

Draft AES manual – Part A

Annexes 1 to 14 - FIELD WORK

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Annex 1: Implementation of the forms of learning

Participation rates are influenced by the definitions of the main forms of learning. To ensure comparability of the results, there is a need for a clear understanding of what is being collected under the three main forms of learning in all countries. The pilot AES was implemented based on the Classification of Learning Activities (CLA). The following topics required adjustments or clarifications[1]:

1. The criteria for a proper distinction between formal and non-formal learning taking considering:
   - the issue of the reference to National Qualification Frameworks in the CLA
   - the definitions of formal and non-formal which are proposed in the ISCED review
   - the coherence with the joint UNESCO-OECD-Eurostat data collection on education systems and national practices (feasibility)

2. The criteria for a proper distinction non-formal and informal learning (in particular on-the-job guided training)

3. The best approach to differentiate informal learning from random learning.

This annex provides a practical approach for the implementation of the three blocks of questions on participation in education and training in the AES (formal, non-formal and informal learning). It could also serve other surveys like the LFS. A revision of the CLA is planned accordingly.

A1.1 LEARNING ACTIVITY

Definition: Learning activities are defined as "any activities of an individual organized with the intention to improve his/her knowledge, skills and competences"[2].

Remarks:

- There are two fundamental criteria to distinguish a learning activity from a non-learning activity:

  a) the activity must be intentional, i.e. a deliberate search for knowledge, skills, competences or attitudes of lasting value and

  b) the activity must be organized, i.e. planned in a pattern or sequence with explicit or implicit aims.

  Learning can be classified into three broad categories:
  - Formal education
  - Non-formal education
  - Informal learning

- Each one of the above broad categories is defined in subsequent sections.

- Learning Activities are made up of one or more Single Learning Activities. What distinguishes one single learning activity from another is the change in method or subject of learning.

[1] See also Annex C of the AES TF document on 'main issues' for the main difficulties faced in the pilot AES with the implementation of forms of education (meeting of 7-8 June 2010).
[2] CLA manual, EC; 2006

- However, within each single learning activity different methods of learning may be used. In this case, a change of a method of learning does not mean change of the single learning activity. If for instance, classroom instruction includes oral presentation, use of books in the classroom and use of internet in the classroom as part of the pedagogical approach of the teacher, this activity should still be considered one single learning activity.

Single Learning Activities

A Single Learning Activity is characterized by unity of method and subject.

The **method** is the organisational frame used to learn or to teach (i.e. acquire or transmit ideas, information, knowledge, skills and competences). This can take the form of (educational) programmes, courses, events, or other more or less organised forms.

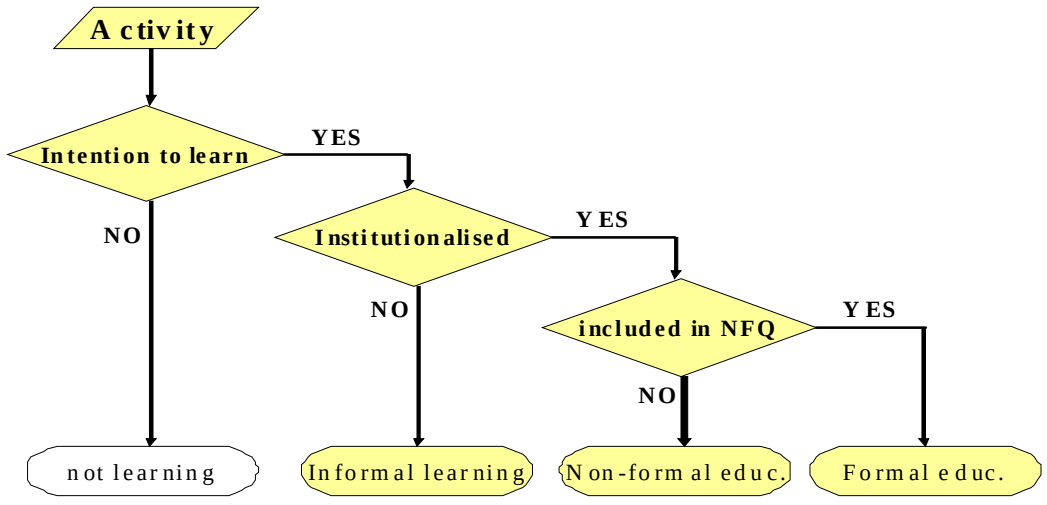
The **subject** (or field) is what the individual learns. The ISCED Fields of education and the Eurostat manual on "Fields of Education and Training" should be used.

A1.2 FORMS OF LEARNING

The three main forms of learning are the basis of the Adult Education survey. The pilot survey comprised participation in formal education and training (FED), non-formal education and training (NFE) and informal learning (INF). These three forms of learning forms the basis for the 2011 AES 2011 as well.

The definitions and distinctions of these three main forms of learning employed in the survey are documented in the Classification of Learning Activities (CLA) Manual (2006). The definitions of formal non-formal and informal learning in the CLA are also based on the glossary of ISCED 97.

Chart A1 – Forms of learning in the CLA (2006)



While there is a clear need to allow focussing on programmes usually referred to "initial education" or programmes recognised by education authorities, the Classification of Learning Activities (CLA) and the national systems invite for a wider view. All contexts seem however to use the same labels of 'formal education' with slightly different meaning.

The development of the European Qualification Framework and the existence of well established National Qualification Framework (with a well established definition of a national definition of 'formal education') requires a specific attention for a proper implementation of the concepts of formal and non-formal education and training at both national and EU level. This would ensure a response to both national needs and international comparability concerns.

In that context, the CLA remains valid as long as the criterion of "National Qualification Framework" (which is different from the EQF context in the CLA) is revised to define formal education.

From a practical point of view, the AES Regulation proposes focussing on formal activities in the sense they can be classified in ISCED. The main issue is then to find the criteria which allow a classification of programmes in ISCED.

The current draft of the ISCED 2011 (see annexe 2 to this manual) is proposing focussing on programmes of full time duration of at least one semester. The AES TF meeting of June 2010 agreed with such criterion to allow for comparable results across countries. However some countries would need to have a wider approach for national needs (i.e. 'formal' goes beyond this criterion at national level).

a) Formal education and training (FED)

Definition

Formal education can be defined as "education provided in the system of schools, colleges, universities and other formal educational institutions that normally constitutes a continuous "ladder" of full-time education for children and young people, generally beginning at age of five to seven and continuing up to 20 or 25 years old"[3].

Criteria

The CLA provides three first main requirements for the definition of formal education. In order to comply with ISCED, a recognition and a duration criterion should be added:

- The "hierarchy-level" criterion: This is based on the ISCED definition according to which a formal learning activity can be seen as a complex "ladder" of education that requires the successful completion of one level-grade before proceeding to the next one.
- Admission requirements: a formal learning activity is subject to admission requirements which have to be fulfilled to have access to training. These usually relate to age and prior education attainment while such requirements may not exist for admission to a non-formal education and training programme.
- Registration requirements: a formal education is typically subject to registration, i.e. the requirement or set of requirements that need to be filled to record formally the enrolment to learning. On the other hand, there is no need for such requirement in non-formal education.

[3] ISCED 97 glossary, page 41

- Duration requirements: formal educational programmes should be at least one semester of theoretical duration (or equivalent).
- Recognition requirements: formal educational programmes have to be recognised by relevant national authorities.

All these criteria ensure that formal educational programmes are classifiable in the ISCED.

Other issues (coherence with national practices):

In order to ensure coherence with national definitions of formal education and training, a theoretical differentiation in three categories of formal and non-formal activities needs to be made, namely:

i. Formal activities which are classifiable in ISCED (e.g. whose full time duration is of 6 months or more as proposed by the ISCED review)

ii. Other activities which are not classifiable in ISCED due to a shoter duration but which are defined as 'formal' at national level

iii. Other non-formal activities (out of the scope of ISCED).

The AES needs to cover these three types to ensure comparability among countries and allow coherence other statistical frameworks and sources (e.g. UOE data collection on graduates and enrolment, educational attainment).
The impact of this proposal is the collection of an additional variable within the AES variable on the theoretical duration of the programme - for countries in the category (ii) above. Participation in formal education of category "3" should be privileged to allow for comparable participation rates in formal education across countries.

		THERORETICAL FULL-TIME DURATION OF THE FORMAL ACTIVITY	
FEDTHEODUR	1	Duration of less than 3 months	FEDNUM ≥ 1
(optional)	2	Duration from 3 to less than 6 months	
	3	Duration of 6 months and more	
	-1	No answer	
	-2	Not applicable (NFENUM=0)	

Based on the categorisation of formal and non-formal activities in three categories as presented above, a set of metadata is required for the sake of transparency:

i. Formal activities whose full time duration is of one semester or more: mainly through UOE mappings

ii. Formal activities whose full time duration is less than one semester (additional mappings to be set)

iii. Non-formal activities: dictionaries (proposed in the call for grant proposal on the AES and LFS educational variables).

b) Non-formal education and training (NFE)

Definition

Non-formal education and training refers to institutionalised learning activities, which are not considerd as formal education. It includes structured programmes that cannot be positioned in the ISCED usually because of the provider and/or the awarding organisation, the content or duration. The central or main Single Learning Activity of a non-formal educational programme must be institutionalised and taught (face to face and at distance)[4].

Criteria

The following activities should be considered as non-formal education and training provided they can not be consideredas formal education:

- Private lessons or courses (classroom instruction, lecture or a theoretical and practical course): A course is defined as "a planned series of single learning activities in a particular range of subject-matters offered by a provider". Courses are typically subject oriented and they are taught by one or more persons specialised in the field(s) of education and training. They may take place in one or more settings/environments:
    - via classroom instruction (including lectures): It includes learning organised in a classroom for a group of people and is built around the transmission of knowledge by a teacher/tutor/instructor with the intention to provide instructions and educate. It may or may not include discussion on a given subject.
    - Combined theoretical-practical courses (including workshops): it covers all courses combining classroom instruction (theoretical) with, practice in real or simulated situations.
    - Courses conducted through open and distance education (defined below)
    - Private tuition (private lessons): a planned series of (supplementary) learning experiences offered by experts or other who act as experts, selected to deepen knowledge or skills, to learn more intensively, usually undertaken by only one or very few learners. Typically the tutor (physical person) in this case is also the "provider" having education as main activity.
- Courses conducted through open and distance education: It covers courses which are similar to face-to-face courses, i.e. they may have elements like curriculum, registration, tutoring and even tests but take place via postal correspondence or electronic media, linking instructors/teacher/tutor or students who are not together in a classroom. This type of courses involves interaction between the instructor and the student, albeit not simultaneously but with a delay
- Seminars or workshops: Sessions combining theoretical instruction with "hands-on" training provided during a conference or congress
- Guided on the job training: This type of training is characterised by planned periods of training, instruction or practical experience, using normal tools of work, either in the immediate place of work or in the work-situation[5] with the presence of a tutor. It is usually organised by the employer to facilitate adaptation of (new) staff, including transferred, re-hired and seasonal/temporary staff in their new or current jobs. It may include general training about the company (organisation, operating procedures, etc.) as well as specific job related instructions (safety and health hazards, working practices).

[4] Based on CLA (2006)
[5] This corresponds to category "Planned periods of training, instruction or practical experience".

It is important to highlight that leisure learning activities are to be covered (provided they confirm to the criteria set above, excluding guided on-the-job training of course).

Guided on the job training

Guided on-the-job training was one of the major concern of comparability in the pilot AES. There are four main conditions to be fulfilled in order for an activity to be classified as guided on the job training. A fifth criterion is added for the 2011 AES:

1. It is work-based (localised at the workplace)
2. Planned periods of training
3. Presence of a tutor or instructor
4. Organised (or initiated) by the employer
5. It is an individual based and practical activity.

Emphasis should be on the courses in case the respondent is not sure of whether an activity is guided on the job training or courses. This will ensure a more harmonised measurement of the concept (especially this compoenet is included in other sources like the LFS). An important aspect is the individual based training as against training in medium or large groups and it is normally practical in relation to more theoretical training (courses). "Individual based" can cover up to 5 attendants as long as the activity keeps mainly practical (versus informative for implementation at a later stage).

Case descriptions – John Goodman, an electronic technician in a car assembly plant (factory)

ACTIVITY	TYPE OF LEARNING
John attended a one week course at an electronic school to learn about new GPS devices in cars	NON-FORMAL Course/workshop
John wants to know more about the latest GPS device in hybrid cars and reads a few hours a week on the internet after work.	INFORMAL Use of computer/internet
John is given 4 hours each week of instruction in the installation of new GPS devices. The training takes place during working hours and organised by the employer	NON-FORMAL **guided on the job training**
John attended a workshop for technicians in the car industry which included a few hours of both theoretical and practical instruction of safety measures.	NON-FORMAL Course/workshop
John feels he needs more training in detecting electronic errors in new cars. His colleague James agrees to help and gives him 2 hours of training every week.	INFORMAL Learning from colleague

Other issues (formulation of the question on non-formal education and training)

The main questions should be structured to ensure that all the details of the requirements for main forms of non-formal education and training are clear enough. An example of a good practice is the Swedish approach (see table A1a below) although other methods like show cards are recommended. The standard EU questionnaire takes advantage of this approach.

Table A1a - Swedish example from the pilot survey

You are now going to be asked some questions concerning another type of education, involving courses, workshops, seminars and lectures.

	Examples of such education are training courses in the workplace, driving lessons, parenting course, language or computer courses, workshops in crafts or music.	
34a	**In the last 12 months have you participated in courses or workshops in the *workplace* or in your *free time*?** IMPORTANT TO STRESS THAT IT IS IN YOUR FREE TIME. INCLUDE HERE WORKSHOPS VIA ADULT EDUCATION ASSOCIATIONS, E.G. *ABF* (WORKERS' EDUCATIONAL ASSOCIATION) THAT HAVE AN APPOINTED GROUP LEADER OR TUTOR WHO IS PAID FOR THE JOB. IF THE RESPONDENT HAS PARTICIPATED AT WORK IN A WORKSHOP OR STUDY GROUP THAT HAS NO FORMAL LEADER THIS SHOULD NOT BE INCLUDED HERE.	☐ YES → **Proceed to question 34b** ☐ NO → **Proceed to question 35a** ☐ DON'T KNOW → **Proceed to question 35a** INCLUDE ALSO COURSES WHICH COMMENCED MORE THAN 12 MONTHS AGO AND COURSES WHICH HAVE NOT YET FINISHED. INCLUDE ALSO DISTANCE LEARNING
34b	**Include all courses and workshops that you have participated in, including those which are still ongoing.** ***Include also courses/workshops attended in your free time..*** INCLUDE ALSO COURSES COMMENCED MORE THAN 12 MONTHS AGO. IF YOU HAVE ATTENDED MORE THAN 6 COURSES, LIST THE LAST 6 ATTENDED.	**PLAIN LANGUAGE** GIVE AN ABBREVIATED COURSE NAME HERE. THIS SHOULD BE USED IN SUBSEQUENT QUESTIONS. . E.G.; ENGLISH COURSE, ADOPTION COURSE, COMPUTER COURSE. JIVE COURSE, VOCATIONAL TRAINING, PROJECT LEADERSHIP COURSE OR SPORTS MANAGEMENT COURSES
35a	**In the last 12 months, have you taken private lessons?** *E.G. PIANO LESSONS* PRIVATE LESSONS WITH A TEACHER OR TUTOR FOR WHOM THIS IS A PAID ACTIVITY SHOULD BE INCLUDED HERE. IF THE RESPONDENT HAS RECEIVED LESSONS FROM A FRIEND, FAMILY MEMBER OR COLLEAGUE IT SHOULD NOT BE INCLUDED HERE. *N.B. IN ADDITION TO THE EDUCATIONAL COURSES ALREADY REPORTED BY THE RESPONDENT*	☐ YES → **Proceed to question 35b** ☐ NO → **Proceed to question 36a** ☐ DON'T KNOW → **Proceed to question 36a**

35b **Include all types of private lessons received, including those which are still ongoing.**

INCLUDE ALSO PRIVATE LESSONS COMMENCED MORE THAN 12 MONTHS AGO.
IF YOU HAVE ATTENDED MORE THAN 6 COURSES, LIST THE LAST 6 ATTENDED.

PLAIN LANGUAGE

GIVE AN ABBREVIATED COURSE NAME HERE. THIS SHOULD BE USED IN SUBSEQUENT QUESTIONS. . E.G.; PIANO LESSONS, SINGING LESSONS OR MATHEMATICS LESSONS

36a **In the last 12 months have you participated in seminars, lectures, workshops or similar in the *workplace* or in your *free time*?**

IMPORTANT TO STRESS THAT IT IS IN YOUR FREE TIME.

N.B. THE ACTIVITY SHOULD INCLUDE SOME FORM OF EDUCATION.

N.B. IN ADDITION TO THE EDUCATIONAL COURSES ALREADY REPORTED BY THE RESPONDENT

☐ YES → **Proceed to question 36b**

☐ NO → **Proceed to question 37**

☐ DON'T KNOW → **Proceed to question 37**

36b **Include all seminars, lectures etc. that you have participated in.**
Include seminars/lectures attended in your free time.

IF YOU HAVE ATTENDED MORE THAN 6 SEMINARS/LECTURES, LIST THE LAST 6 ATTENDED.

PLAIN LANGUAGE

GIVE AN ABBREVIATED COURSE NAME HERE. THIS SHOULD BE USED IN SUBSEQUENT QUESTIONS. EXAMPLE; DATA WORKSHOP, INSPIRATION DAY, SCHOOL CONFERENCE, STUDY DAY, SEMINAR FOR PERSONAL DEVELOPMENT OR LECTURE ON NUTRITION, PHYSICAL EXERCISE, HEALTH, SPORT OR MUSIC

37a **In the last 12 months have you received education, instruction or training *directly in the workplace* or in the work situation with the aid of advisers or other instructors?**

e.g. to operate a new machine or to learn new software

DO *NOT* INCLUDE HERE CASES WHERE THE RESPONDENT ASKED A COLLEAGUE'S ADVICE TO SOLVE A WORK TASK.

N.B. IN ADDITION TO THE EDUCATION ALREADY REPORTED BY THE RESPONDEN.T

☐ YES → **Proceed to question 37b**

☐ NO → **Proceed to question 38**

☐ UNEMPLOYED → **Proceed to question 38**

☐ DON'T KNOW → **Proceed to question 38**

37b **List all the education, instruction or training which you received *directly at the workplace or in the work situation*.**

IF YOU HAVE PARTAICIPATED IN MORE THAN 6 EDUCATION ACTIVITIES, LIST THE LAST 6.

PLAIN LANGUAGE

GIVE AN ABBREVIATED TRAINING NAME HERE. THIS SHOULD BE USED IN SUBSEQUENT QUESTIONS. EXAMPLE; INTRODUCTION TO WORK,

WORK ORIENTATION OR MANAGEMENT ORIENTATION

If No to all the questions 34a – 37a → Proceed to 56a, otherwise proceed to 38

c) Informal learning

Definition

Informal Learning is defined as "…intentional, but it is less organised and less structured ….and may include for example learning events (activities) that occur in the family, in the work place, and in the daily life of every person, on a self-directed, family-directed or socially directed basis"[6].

Criteria

The wording of the question is important. A reference to "teach yourself" only might be misleading taking into consideration the methods of informal learning apart from self-learning. Emphasis should however be on deliberate or intentional learning. The following activities should be considered as informal learning:

- Learning from a family member, friend or colleague, i.e. lessons provided by household members or other individuals, such as relatives, acquaintances or neighbours.
- Using printed materials (books, professional magazines etc), i.e. studying a subject using books, magazines etc
- Using computers (online or offline), e.g. using teaching material from the internet
- Through television/radio/video, e.g. watching a documentary on TV or listening a foreign language audio tape in the car

The pilot AES proved that informal learning needs to be clearly differentiated from non-formal education and training.

Informal learning versus formal and non-formal education and training or random learning

A learning activity is considered as informal when it is not institutionalised, i.e. it is less structured and can take place almost anywhere: within the family, with friends, at work or even using facilities made available by education and training providers.

Any other activity (formal and non-formal) is institutionalised, i.e. occurs when there is "an organisation providing structured arrangements (which must include a student-teacher-relationship), especially designed for education and learning". Such an organisation is responsible for determining at least the following:

- Teaching/learning method (predetermined)
- Scheduling of the learning
- Admission requirements
- Location of the learning/teaching facility

Informal learning should in particular be differentiated from guided on-the-job training on the one hand as well as from random learning on the other hand. Random learning can occur in everyday life. It is not an activity which is intentionally planned in advance and is not bound to special or specific places (e.g. classes) or to mediators (e.g. teachers). Random learning can be considered as a natural learning mechanism.

d) Classification of learning activities: borderline cases

Table A1b below illustrates the main borderline cases which might be encountered during the AES interviews as regards the classification of learning activities.

[6] As defined in the report of the Eurostat TF/ MLLL (paragraph 32, page 12)

Table A1b – Examples for the classification of formal, non-formal education and training and informal learning

The provider of the training is an employer: *If the training leads to a formal qualification the activity even if it is 100% work based is "formal training".* *If the training happens after receiving the qualification is order to be a recognized professional (e.g. a medicine graduate practicing to become a pathologist) or aims at obtaining work experience (to recognized afterwards as a formal qualification), the activity is considered as work and not learning.*
The qualification is formal but the individual obtains this by participating in an examination after self-study: *If the person is studying on his/her own and is allowed to be registered for the final examination in order to obtain the qualification, then his/her learning activity is considered as informal as it is separate from the examination which may be undertaken on a voluntary basis.*
Participation in a course (which can also be a distance learning course) that gives credits which can be used to complete a programme and obtain a formal qualification: *In this case the participant's learning activity is considered as formal education since completing a programme is part of a design that leads to a formal qualification. The duration of the programme does not change the nature of the activity.*
Watching a "language course" programme on the TV and: - **Registered beforehand, having interaction with a teacher while following the TV course and at the end participating in examinations which lead to an NFQ qualification:** *This is considered as a formal activity since the TV is used as ay other means of distance learning (internet, correspondence etc) and the viewer is registered in a programme designed to lead to a formal qualification.* - **Registered for an examination to get a degree corresponding to the knowledge acquired through the programme after tits completion:** *In this case the learning activity is considered as informal since it is separated from the requirement to obtain the qualification.*
A person participates in an activity that leads to a formal qualification of a foreign educational institution or a distance learning institution based outside the reporting country (i.e. respondent's country of residence): *This activity is considered as formal if the qualification is directly recognized in the country of origin or if it is in principle recognized but there are additional examinations to decide whether the participant has a sufficient level of knowledge so as to recognize equivalence on a personal basis. Otherwise the activity is considered as non-formal education.*
The employer has a learning centre where the employees can borrow "teach yourself" material and use it either on location or take at home: *In this case the learning activity is not institutionalised but self-learning and thus informal.*
A teacher providing private lessons: *As far as the learner is concerned, the teacher is an external body deciding and at the same time implementing the teaching contents and methods and therefore he/she should be considered as an institution. Moreover, the private lessons can be considered as "formal education" as long as the national educational system recognize them as home schooling where the pupil participates in institutionalized learning designed to lead to a formal qualification.*

Annex 2: Coherence with ISCED 2011 and other sources

This section presents the state of play as regards the definition of formal and non-formal education and training in three main contexts, the ISCED review, the European Qualification Framework and the recommendations of the EVHoS TF for the LFS.

Section A1.3 presents the recommendations from the EVHoS Task Force which are in line with the proposal defined in the annex 1 of this manual, although referring more to the UOE questionnaires. Section A1.2 gives the definition of a qualification framework in order to make sure the CLA reference to qualification framework needs to be reviewed.

Section A.1.1 below presents the current proposal in the ISCED review. It should be highlighted that there seem to be a slight difference between what is understood as formal:

- in the AES (any programme classifiable in ISCED as proposed in annex 1 to this manual) and

- in the ISCED review (any programme recognised by "relevant national authorities").

The difference can easily raise confusion. According to the ISCED review, a programme of more than a semester (and therefore classifiable in ISCED) and which is not recognised by the "relevant national authorities" would be considered as "non-formal". This leads to the statement that ISCED covers both formal and non-formal education and training. This might help developing countries which have many vocational programmes not always recognised by the "relevant national authorities" (e.g. when NGO are providing them). This is however relatively confusing for the implementation of the concepts in a survey like the AES.

A2.1 Scope of education in ISCED (ISCED review draft sent for consultaion in July 2010)

Beside the possible confusion around the concepts of formal and non-formal education and training proposed in the ISCED review, the main idea to retain from the proposal in the current ISCED version (for the AES) is the criterion of duration of “one half academic year of full time study or equivalent”. The following statements are proposed in the context of the ISCED review.

16. ISCED covers formal and non-formal education offered throughout a person’s life. ISCED does not cover informal and random learning. Formal and non-formal education include a variety of programmes and types of education that are designed within a national context, such as initial education, second chance programmes, literacy programmes, adult education, continuing education, distance education, open education, apprenticeships, technical or vocational education, training, or special needs education (see Glossary).

17. **Formal education** is defined as education that it is institutionalised and recognised by the relevant national authorities. Credentials from formal education are therefore also considered within the scope of ISCED. Institutionalised education occurs when an organisation provides structured educational arrangements, such as a student-teacher relationship, that are specially designed for education and learning.

18. Formal education typically takes place in institutions that provide full-time education for children and young adults in a system designed as a continuous pathway of schooling. This is referred to as initial education. Formal education also includes education for all age groups with programme content and certificates that are equivalent to those from initial education.

19. Programmes that take place partly or fully in the workplace may also be considered formal education if they lead to a certification that is recognised by national authorities. These

programmes are often provided in cooperation between educational institutions and employers (e.g. apprenticeships). This includes those which are part of 'dual system' programmes (see Glossary).

20. ISCED assumes that in formal education the minimum duration of an educational programme is one half academic year of full time study or equivalent.

21. **Non-formal education** is defined as an addition or alternative to formal education and can take on a number of forms. It can be provided by private enterprises, nongovernmental organisations and public or semi-public organisations. The defining characteristic of non-formal education is that it is not recognised as formal education.

22. Non-formal education can be alternative education paths that are not recognised by national authorities in education even though they are generally acknowledged in society and lead to labour market relevant skills. It can include training in a workplace for improving or adapting existing qualifications and skills. It can also be training for unemployed or inactive persons. Finally, non-formal education can include learning activities pursued for self development, with the purpose of acquiring knowledge or skills that may not be specifically job-related.

23. Non-formal education can take place both within and outside educational institutions and caters to persons of all ages. Depending on the national context, it can cover programmes on adult literacy, basic education for out-of-school children, life skills, work skills, and social or cultural development. Non-formal educational programmes do not necessarily have a pathway structure and may be very short in duration, including less than one day. However, programmes included in ISCED must be equivalent to one half academic year of full time study (see paragraphe 20).

24. The educational attainment of individuals is solely determined by formal education credentials and certificates. However, in exceptions credentials and certificates from non formal educational programmes can be explicitly recognised as equivalent to formal education certificates and as such be a pathway into formal education. In this case they can be relevant to determine an individual's educational attainment.

25. National qualification frameworks could be useful tools for distinguishing skills related to programmes and qualifications in formal and non-formal education.

26. There may be national schemes for assessing and accrediting skills obtained through work experience, for recognition in the formal education system.

27. **Informal learning** does not fall within the scope of ISCED. Like formal and non-formal education, informal learning can be distinguished from random learning. Informal learning is defined as intentional, but is less organized, not institutionalized and less structured. It may include learning activities that occur in the family, in the work place, and in daily life, on a self-directed, family-directed or socially directed basis.

28. ISCED also excludes incidental learning, i.e. various forms of learning that are not organized, or random learning, i.e. communication that is not designed to bring about learning. Incidental or random learning that occurs as a by-product of another event is excluded because it is not organized and does not result from a planned intervention designed to bring about learning. Examples of random learning include communication that takes place during the course of a

meeting, or following a radio or television broadcast that is not designed as an educational programme.

A2.2 European and National Qualifications Frameworks

The following definitions were included in the recommendation of the European Parliament and of the Council of 23 April 2008 on the establishment of the European Qualifications Framework (EQF) for lifelong learning[7] which should serve for the definition of National Qualifications Framework (NQF) in each Member State. This section shows that the NQF as defined in the CLA might be different from what it is understood in the EQF.

(a) **'qualification'** means a formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards;

(b) **'national qualifications system'** means all aspects of a Member State's activity related to the recognition of learning and other mechanisms that link education and training to the labour market and civil society. This includes the development and implementation of institutional arrangements and processes relating to quality assurance, assessment and the award of qualifications. A national qualifications system may be composed of several subsystems and may include a national qualifications framework;

(c) **'national qualifications framework'** means an instrument for the classification of qualifications according to a set of criteria for specified levels of learning achieved, which aims to integrate and coordinate national qualifications subsystems and improve the transparency, access, progression and quality of qualifications in relation to the labour market and civil society;

(d) **'sector'** means a grouping of professional activities on the basis of their main economic function, product, service or technology;

(e) **'international sectoral organisation'** means an association of national organisations, including, for example, employers and professional bodies, which represents the interests of national sectors;

(f) **'learning outcomes'** means statements of what a learner knows, understands and is able to do on completion of a learning process, which are defined in terms of knowledge, skills and competence;

(g) **'knowledge'** means the outcome of the assimilation of information through learning. Knowledge is the body of facts, principles, theories and practices that is related to a field of work or study. In the context of the European Qualifications Framework, knowledge is described as theoretical and/or factual;

(h) **'skills'** means the ability to apply knowledge and use know-how to complete tasks and solve problems. In the context of the European Qualifications Framework, skills are described as cognitive (involving the use of logical, intuitive and creative thinking) or practical (involving manual dexterity and the use of methods, materials, tools and instruments);

(i) **'competence'** means the proven ability to use knowledge, skills and personal, social and/or methodological abilities, in work or study situations and in professional and personal development. In the context of the European Qualifications Framework, competence is described in terms of responsibility and autonomy.

[7] http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:C:2008:111:0001:0007:EN:PDF

The report "Added value of national qualifications frameworks in implementing the EQF" shed more light on the relation between NQFs and the EQF at http://ec.europa.eu/education/lifelong-learning-policy/doc/eqf/note2_en.pdf

More information on the EQF is available at http://ec.europa.eu/education/lifelong-learning-policy/doc44_en.htm.

A2.3 Proposal for the adaptation of the LFS (for discussion in 2012)

The following methodological information was proposed for the implementation of the LFS variable EDUCSTAT by the EVHoS Task Force.

The implementation rules in the explanatory notes should be amended as follows (to be completed after the test):

- *This variable only covers formal education programmes (**including schools, colleges and universities**) which the respondent has attended sometime during the last 4 weeks period ending with the reference week.*

- *The concept of formal education programmes can be approximated by programmes covered by the UOE-questionnaires. The list of national programmes covered by the UOE-questionnaire is found at the address: http://forum.europa.eu.int/Public/irc/dsis/edtcs/library?l=/public/unesco_collection/programmes_isced97&vm=detailed&sb=Title*

  This list is updated by countries every year.

- *The UOE definition however limits coverage to programmes of a minimum duration of one semester. In case of combined school- and work-based programmes it sets a limit for the school-based component of at least 10 percent. These two restrictions do not apply to the LFS.*

A2.4 Coherence with the CVTS

1.1. Section to be enriched in December 2010.

Information already available from the CVTS 4 manual:

At the occasion of their September 2009 meeting, the Directors of Social Statistics and the Education and Training Statistics Working Group approved Eurostat's general approach for enhancing the coherence between the three EU statistical sources on lifelong learning (Adult Education Survey - AES, Continuing Vocational Training Survey - CVTS and Labour Force Survey - LFS). This integrated approach foresees that the AES provides detailed information on the participation of individuals in education and training activities every 5 years while the LFS would provide annual evolutions for a limited set of indicators and the CVTS should complete the AES results each 5 years focussing on enterprise strategies for employee skill developments. This approach implies a higher coherence of sources around the Classification of Learning Activities.

In that context, the CVTS Task Force discussed the best way to ensure the coherence between the CVTS4 results and the Classiification of Learning Actvities, the results of the AES and of the LFS. There are two main issues for a grouping of CVTS categories according to the usual division between formal, non-formal and informal activities in the CVTS.

- *The statistical unit for the CVTS: it is more appropriate to use the 5 categories set as 'other forms of CVT' for a questionnaire dedicated to enterprises and a separate category for courses (although covering both formal and non-formal activities). The homogeneity of items proposed in the 5 categories of 'other forms of CVT' is more relevant from an employer perspective.*

- *The relatively low quality of the information on participants (versus events) in the categories of 'other forms of CVT': the CVTS Task force acknowledged the difficulty of gathering accurate information on these topics in enterprises. However, the results on enterprises proposing 'other forms of CVT' would not be accurate enough without quantitative information (all enterprises would select all activities).*

The information collected would therefore allow profiling enterprises on these important learning activities while acknowledging the potential quality issues behing the quantification provided by enterprises. The AES could then be used for more accurate information on the type of activities carried out (using the relevant variables to approach the scope of the CVTS). The CVTS 3 categories have been slightly adapted for CVTS 4 in that perspective: re-ordering of the 5 sub-groups of activities within the group of "other forms of CVT", adaptation of few labels (guided on-the-job training, e-learning).

Annex 3a: CODE BOOK AES 2011

codification rules

- decimal separator is dot
- if filter is true, variable cannot have value '-2'; if filter is false variable must have value '-2' (for optional variables it may have value '-3' if variable is not used)
- optional variables must be filled for all records or for none with value '-3'

checking program

To use the checking programs provided by EUROSTAT, 2 conditions must be fulfilled:

1. all variables must exist in the file (also optional ones)
2. the variables must be in the predefined order

The checking program does not accept values longer than defined!

Variable name	Format	Code	Description	Filter
COUNTRY	char(3)		**COUNTRY OF RESIDENCE**	
		country	see Annex 8 : Country and regional codes	
REGION	char(4)		**REGION OF RESIDENCE**	
		NUTS 2	see Annex 8 : Country and regional codes	
DEG_URB	num(2)		**DEGREE OF URBANISATION OF THE AREA THE HOUSEHOLD LIVES IN**	
		1	Densely populated area	
		2	Intermediate area	
		3	Thinly populated area	
REFYEAR	num(4)		**REFERENCE YEAR OF THE SURVEY**	
		2011,2012	Year (4 digits)	
REFMONTH	num(2)		**MONTH OF SURVEY**	
		1-12	Month	
RESPID	num(6)		**IDENTIFICATION OF THE RESPONDENT**	
		numeric	Identification code of each record	
RESPWEIGHT	num(9.3)		**WEIGHTING FACTOR FOR INDIVIDUALS**	
		numeric (3 decimals)	Weight factor for individuals	
NFEACTWEIGHT	num(9.3)		**WEIGHTING FACTOR FOR NON-FORMAL ACTIVITIES**	
		numeric (3 decimals)	Weight factor for the non-formal activities selected in NFERAND1 and NFERAND2 (and optional NFERAND3 when used)	
		0	Set to zero for all individuals (variable derived by Eurostat, see section 4.2.g of the manual)	
INTMETHOD	num(2)		**DATA COLLECTION METHOD USED**	
		method	see Annex 13 : Data collection codes	
INTLANG	char(3)		**LANGUAGE USED FOR THE INTERVIEW**	
		Language	see Annex 12 : Language codes	
			NUMBER OF PERSONS LIVING IN THE SAME HOUSEHOLD (INCLUDING THE RESPONDENT)	
HHNBPERS_0_4	num(2)		**PERSONS 0-4 YEARS OLD LIVING IN THE HOUSEHOLD**	
		0-98	Number	
		-1	No answer	
HHNBPERS_5_13	num(2)		**PERSONS 5-13 YEARS OLD LIVING IN THE HOUSEHOLD**	
		0-98	Number	
		-1	No answer	

Variable name	Format	Code	Description	Filter
HHNBPERS_14_15	num(2)		**PERSONS 14-15 YEARS OLD LIVING IN THE HOUSEHOLD**	
		0-98	Number	
		-1	No answer	
HHNBPERS_16_24	num(2)		**PERSONS16-24 YEARS OLD LIVING IN THE HOUSEHOLD**	
		0-98	Number	
		-1	No answer	
HHNBPERS_25_64	num(2)		**PERSONS 26-64 YEARS OLD LIVING IN THE HOUSEHOLD**	
		1-98	Number	
		-1	No answer	
HHNBPERS_65PLUS	num(2)		**PERSONS 65 YEARS AND OLDER LIVING IN THE HOUSEHOLD**	
		0-98	Number	
		-1	No answer	
HHTYPE	num(2)		**HOUSEHOLD TYPE**	
		10	One-person household	
		21	Lone parent with child(ren) aged less than 25	
		22	Couple without child(ren) aged less than 25	
		23	Couple with child(ren) aged less than 25	
		24	Couple or lone parent with child(ren) aged less than 25 and other persons living in household	
		30	Other	
		-1	No answer	
			HOUSEHOLD COMPOSITION BY LABOUR STATUS	
HHLABOUR_EMP	num(2)		**PERSONS AGED 16-64 IN THE HOUSEHOLD WHO ARE AT WORK**	
		0-98	Number	
		-1	No answer	
HHLABOUR_NEMP	num(2)		**PERSONS AGED 16-64 IN THE HOUSEHOLD WHO ARE UNEMPLOYED OR INACTIVE**	
		0-98	Number	
		-1	No answer	
HHINCOME	num(2)		**NET MONTHLY INCOME OF THE HOUSEHOLD**	
		1	Below 1st decile	
		2	Between 1st decile and 2nd decile	
		3	Between 2nd decile and 3rd decile	
		4	Between 3rd decile and 4th decile	
		5	Between 4th decile and 5th decile	
		6	Between 5th decile and 6th decile	
		7	Between 6th decile and 7th decile	
		8	Between 7th decile and 8th decile	
		9	Between 8th decile and 9th decile	
		10	Above 9th decile	
		0	Refusal (optional)	
		-1	No answer	

Variable name	Format	Code	Description	Filter
SEX	num(2)		**SEX**	
		1	Male	
		2	Female	
BIRTHYEAR	num(4)		**YEAR OF BIRTH**	
		1941-1994	Year of birth (4 digits)	
BIRTHMONTH	num(2)		**MONTH OF BIRTH**	
		1-12	Month of birth	
CITIZEN	char(3)		**CITIZENSHIP**	
		0	Same as country of residence	
		country	see Annex 8 : Country and regional codes	
		-1	No answer	
BIRTHPLACE	char(3)		**COUNTRY OF BIRTH**	
		0	Born in country of residence	
		country	see Annex 8 : Country and regional codes	
		-1	No answer	
RESTIME	num(2)		**YEARS OF RESIDENCE IN THIS COUNTRY**	BIRTHPLACE ≠ 0
		1	Been in this country for 1 year and less	
		2-10	Number of years for person who has been in this country for 2 to 10 years	
		11	Been in this country for more than 10 years	
		-1	No answer	
		-2	Not applicable (BIRTHPLACE = 0)	
MARSTALEGAL	num(2)		**LEGAL MARITAL STATUS**	
		1	Never married	
		2	Married (including registered partnership)	
		3	Widowed and not remarried	
		4	Legally separated and not remarried	
		5	Divorced	
		-1	No answer	
MARSTADEFACTO	num(2)		**DE FACTO MARITAL STATUS (consensual union)**	
		1	Person living in a consensual union	
		2	Person not living in a consensual union	
		-1	No answer	
HATLEVEL	num(2)		**HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	
		01	No formal education or below ISCED 1	
		11	ISCED 1	
		21	ISCED 2	
		22	ISCED 3c (shorter than two years)	
		31	ISCED 3c (two years and more)	
		32	ISCED 3 a, b	
		30	ISCED 3 (without possible distinction a, b or c)	
		40	ISCED 4	

Variable name	Format	Code	Description	Filter
		51	ISCED 5b	
		52	ISCED 5a	
		60	ISCED 6	
		-1	No answer	
HATFIELD	num(3)		**FIELD OF THE HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	HATLEVEL= 22 to 60
		000	General programmes	
		100	Teacher training and education science	
		200	Humanities, languages and arts	
		222	Foreign languages	
		300	Social sciences, business and law	
		400	Science, mathematics and computing (no distinction possible)	
		420	Life science (including biology and environmental science)	
		440	Physical science (including physics, chemistry and earth science)	
		460	Mathematics and statistics	
		481	Computer science	
		482	Computer use	
		500	Engineering, manufacturing and construction	
		600	Agriculture and veterinary	
		700	Health and welfare	
		800	Services	
		999	Unknown	
		-1	No answer	
		-2	Not applicable (HATLEVEL ≠ 22 to 60)	
		or optional 010-863	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
HATYEAR	num(4)		**YEAR WHEN HIGHEST LEVEL OF EDUCATON OR TRAINING WAS SUCCESSFULLY COMPLETED**	HATLEVEL ≠ 01, -1
		1950-2012	Year when highest level of education or training was successfully completed (4 digits)	
		-1	No answer	
		-2	Not applicable (HATLEVEL = 01, -1)	
HATVOC *(optional)*	num(2)		**ORIENTATION OF THE HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	HATLEVEL = 22 to 40 and (REFYEAR-HATYEAR) ≤ 20
		1	General education	
		2	Vocational education	
		-1	No answer	
		-2	Not applicable (HATLEVEL ≠ 22 to 40 or (REFYEAR- HATYEAR) > 20	
		-3	optional variable not in survey	
HATOTHER *(optional)*	num(2)		**OTHER FORMAL EDUCATION OR TRAINING SUCCESSFULLY COMPLETED IN ANOTHER FIELD THAN 'HATLEVEL'**	HATLEVEL =22 to 60 and (REFYEAR-HATYEAR) ≤ 20
		1	Yes	
		2	No	

Variable name	Format	Code	Description	Filter
		-1	No answer	
		-2	Not applicable (HATLEVEL ≠ 22 to 60 or (REFYEAR- HATYEAR) > 20	
		-3	optional variable not in survey	
HATOTHER_ LEVEL *(optional)*	num(2)		**LEVEL OF THE FORMAL EDUCATION PROGRAMME**	HATOTHER=1
		22-60	Coded as HATLEVEL	
		-1	No answer	
		-2	Not applicable (HATOTHER≠1)	
		-3[8]	optional variable not in survey	
HATOTHER_ VOC *(optional)*	num(2)		**ORIENTATION OF THE FORMAL EDUCATION PROGRAMME**	HATOTHER=1 and HATOTHER_LEVEL = 22 to 40
		1-2	Coded as HATVOC	
		-1	No answer	
		-2	Not applicable (HATOTHER≠1 or HATOTHER_LEVEL ≠ 22 to 40)	
		-3	optional variable not in survey	
HATOTHER_ FIELD *(optional)*	num(3)		**FIELD OF THE FORMAL EDUCATION PROGRAMME**	HATOTHER=1 and HATOTHER_LEVEL = 22 to 60
		000-800	Coded as HATFIELD	
		-1	No answer	
		-2	Not applicable (HATOTHER≠1 or HATOTHER_LEVEL ≠ 22 to 60)	
		-3	optional variable not in survey	
HATCOMP *(optional)*	num(2)		**PROCEDURE OF RECOGNITION OF SKILLS AND COMPETENCES UNDERTAKEN**	
		1	Yes, certification obtained	
		2	Yes, procedure ongoing	
		3	No	
		-1	No answer	
		-3	optional variable not in survey	
HATCOMPHIGH *(optional)*	num(2)		**RECOGNITION OF SKILLS AND COMPETENCES ALLOWS ACCESS TO A HIGHER FORMAL EDUCATION PROGRAMME THAN THE LEVEL MENTIONED IN 'HATLEVEL'**	HATCOMP=1,2 and HATLEVEL ≠ 01, -1
		1	Yes	
		2	No	
		-1	No answer	
		-2	Not applicable (HATCOMP ≠ 1,2 or HATLEVEL= 01, -1)	
		-3[9]	optional variable not in survey	

[8] if HATOTHER = -3 all variables from HATOTHER_LEVEL to HATOTHER_FIELD should be coded -3

Variable name	Format	Code	Description	Filter
DROPHIGH	num(2)		**FORMAL EDUCATION ABANDONED HIGHER THAN THE LEVEL MENTIONED IN 'HATLEVEL' BUT NOT COMPLETED**	HATLEVEL≠ 01, -1 and (REFYEAR-HATYEAR) ≤ 20
		1	Yes	
		2	No	
		-1	No answer	
		-2	Not applicable (HATLEVEL= 01, -1 or (REFYEAR- HATYEAR) > 20)	
DROPLEVEL	num(2)		**LEVEL OF THE FORMAL EDUCATION NOT COMPLETED**	DROPHIGH=1
		21	ISCED 2	
		22	ISCED 3c (shorter than two years)	
		31	ISCED 3c (two years and more)	
		32	ISCED 3 a, b	
		30	ISCED 3 (without possible distinction a, b or c)	
		40	ISCED 4	
		51	ISCED 5b	
		52	ISCED 5a	
		60	ISCED 6	
		-1	No answer	
		-2	Not applicable (DROPHIGH ≠ 1)	
DROPVOC *(optional)*	num(2)		**ORIENTATION OF THE FORMAL EDUCATION NOT COMPLETED**	DROPLEVEL= 22 to 40 and (REFYEAR-HATYEAR) ≤ 20
		1	General education	
		2	Vocational education	
		-1	No answer	
		-2	Not applicable (DROPLEVEL ≠ 22 to 40 or (REFYEAR- HATYEAR) > 20	
		-3	optional variable not in survey	
MAINSTAT	num(2)		**MAIN CURRENT LABOUR STATUS**	
		11	Carries out a job or profession, including unpaid work for a family business or holding, including an apprenticeship or paid traineeship, etc. - **Full time**:	
		12	Carries out a job or profession, including unpaid work for a family business or holding, including an apprenticeship or paid traineeship, etc. - **Part time**	
		20	Unemployed	
		31	Pupil, student, further training, unpaid work experience	
		32	In retirement or early retirement or has given up business	
		33	Permanently disabled	
		34	In compulsory military service	
		35	Fulfilling domestic tasks	
		36	Other inactive person	
		-1	No answer	

[9] if HATCOMP = -3 variable HATCOMPHIGH should be coded -3

Variable name	Format	Code	Description	Filter
JOBSTAT	num(2)		**PROFESSIONAL STATUS**	MAINSTAT= 11,12
		11	Self-employed with employees	
		12	Self-employed without employees	
		21	Employee with a permanent job or work contract of unlimited duration	
		22	Employee with temporary job/work contract of limited duration	
		30	Family worker	
		-1	No answer	
		-2	Not applicable (MAINSTAT≠11,12)	
JOBISCO	char(4)		**OCCUPATION**	MAINSTAT= 11,12
		ISCO 08	see Annex 10 : ISCO 08 code	
		-1	No answer	
		-2	Not applicable (MAINSTAT≠11,12)	
LOCNACE	char(3)		**ECONOMIC ACTIVITY OF THE LOCAL UNIT**	MAINSTAT= 11,12
		NACE-Rev.2	see Annex 9 : NACE- Rev.2 code	
		-1	No answer	
		-2	Not applicable (MAINSTAT≠11,12)	
LOCSIZEFIRM	num(2)		**NUMBER OF PERSONS WORKING AT THE LOCAL UNIT**	JOBSTAT=11, 21,22, 30
		1	1 to 10 persons	
		2	11 to 19 persons	
		3	20 to 49 persons	
		4	50 to 249 persons	
		5	250 or more persons	
		7	Do not know but 10 or more persons	
		-1	No answer	
		-2	Not applicable (JOBSTAT≠11,21,22, 30)	
JOBTIME	num(4)		**YEAR IN WHICH PERSON STARTED WORKING IN HIS/HER CURRENT MAIN JOB**	MAINSTAT=11,12
		1950 - 2012	Year (4 digits)	
		-1	No answer	
		-2	Not applicable (MAINSTAT≠11, 12)	
			HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED BY YOUR PARENTS (GUARDIAN)	
HATFATHER	num(2)		**FATHER (MALE GUARDIAN)**	
		1	At most lower secondary	
		2	Upper secondary	
		3	Tertiary	
		-1	No answer	
		-2	Not applicable	
HATMOTHER	num(2)		**MOTHER (FEMALE GUARDIAN)**	
		1	At most lower secondary	
		2	Upper secondary	
		3	Tertiary	

Variable name	Format	Code	Description	Filter
		-1	No answer	
		-2	Not applicable	
			OCCUPATION OF YOUR PARENTS (GUARDIAN)	
ISCOFATHER (optional)	char(3)		**MAIN OCCUPATION OF FATHER**	
		ISCO 08	see Annex 10 : ISCO 08 code	
		-1	No answer	
		-2	Not applicable (Father never had a job, no father)	
		-3	optional variable not in survey	
ISCOMOTHER (optional)	char(3)		**MAIN OCCUPATION OF MOTHER**	
		ISCO 08	see Annex 10 : ISCO 08 code	
		-1	No answer	
		-2	Not applicable (Mother never had a job, no mother)	
		-3	optional variable not in survey	
SEEKINFO	num(2)		**LOOKED FOR ANY INFORMATION CONCERNING LEARNING POSSIBILITIES IN THE LAST 12 MONTHS**	
		1	Yes	
		2	No	
		-1	No answer	
SEEKFOUND	num(2)		**INFORMATION FOUND**	SEEKINFO=1
		1	Yes	
		2	No	
		-1	No answer	
		-2	Not applicable (SEEKINFO≠1)	
SEEKSOURCE	num(2)		**SOURCE TO ACCESS INFORMATION**	SEEKINFO=1
		0	None of the sources below	
		1-7	Number of responses provided in the list of 7 sources below	
		-1	No answer	
		-2	Not applicable (SEEKINFO ≠ 1)	
			LIST OF SOURCES (MULTIPLE RESPONSES ALLOWED)	
SEEKSOURCE_1	num(2)		**INTERNET**	SEEKINFO=1 and SEEKSOURCE ≠ -1
		1	Selected	
		2	Not selected	
		-1	No answer	
		-2	Not applicable (SEEKINFO ≠ 1 or SEEKSOURCE = -1)	
SEEKSOURCE_2	num(2)		**MEMBER OF THE FAMILY, NEIGHBOUR, WORK COLLEAGUE**	SEEKINFO=1 and SEEKSOURCE ≠ -1
			same codes as SEEKSOURCE_1	
SEEKSOURCE_3	num(2)		**YOUR EMPLOYER**	SEEKINFO=1 and SEEKSOURCE ≠ -1

Variable name	Format	Code	Description	Filter
			same codes as SEEKSOURCE_1	
SEEKSOURCE_4	num(2)		**GUIDANCE SERVICES (E.G. CAREER GUIDANCE PROVIDER BY EMPLOYMENT SERVICE OFFICE)**	SEEKINFO=1 and SEEKSOURCE ≠ -1
			same codes as SEEKSOURCE_1	
SEEKSOURCE_5	num(2)		**AN EDUCATION OR TRAINING INSTITUTION (SCHOOL, COLLEGE, CENTRE, UNIVERSITY)**	SEEKINFO=1 and SEEKSOURCE ≠ -1
			same codes as SEEKSOURCE_1	
SEEKSOURCE_6	num(2)		**MASS MEDIA (TV, RADIO, NEWSPAPERS, POSTER)**	SEEKINFO=1 and SEEKSOURCE ≠ -1
			same codes as SEEKSOURCE_1	
SEEKSOURCE_7	num(2)		**BOOKS**	SEEKINFO=1 and SEEKSOURCE ≠ -1
			same codes as SEEKSOURCE_1	
FED	num(2)		**PARTICIPATION IN FORMAL EDUCATION DURING THE LAST 12 MONTHS**	
		1	Yes	
		2	No	
FEDNUM	num(2)		**NUMBER OF FORMAL EDUCATION ACTIVITIES PARTICIPATED IN DURING THE LAST 12 MONTHS**	
		0	None (FED=2)	
		1-3	Number of activities	
FEDLEVEL	num(2)		**LEVEL OF THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
		11	ISCED 1	
		21	ISCED 2	
		22	ISCED 3c (shorter than two years)	
		31	ISCED 3c (two years and more)	
		32	ISCED 3 a, b	
		40	ISCED 4 (without distinction a, b or c)	
		51	ISCED 5b	
		52	ISCED 5a	
		60	ISCED 6	
		-2	Not applicable (FEDNUM=0)	
FEDFIELD	num(3)		**FIELD OF THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1 and FEDLEVEL = 22 to 60
			Based on the ISCED 1997 — field of education:	
		010	Basic programmes	
		080	Literacy and numeracy	
		090	Personal development	
		140	Teacher training and education science	
		210	Arts	
		220	Humanities	
		222	Foreign languages	
		310	Social and behavioural science	

Variable name	Format	Code	Description	Filter
		320	Journalism and information	
		340	Business and administration	
		380	Law	
		420	Life science	
		440	Physical science	
		460	Mathematics and statistics	
		481	Computer science	
		482	Computer use	
		520	Engineering and engineering trades	
		540	Manufacturing and processing	
		580	Architecture and building	
		620	Agriculture, forestry and fishery	
		640	Veterinary	
		720	Health	
		760	Social services	
		810	Personal services	
		840	Transport services	
		850	Environmental protection	
		860	Security services	
		999	Not known or unspecified	
		-2	Not applicable (FEDNUM=0 or FEDLEVEL ≠ 22 to 60)	
		or optional 010-863	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
FEDVOC	num(2)		**ORIENTATION OF THE MOST RECENT EDUCATION OR TRAINING**	FEDLEVEL= 22 to 40
		1	General education	
		2	Vocational education	
		-1	No answer	
		-2	Not applicable (FEDLEV≠ 22 to 40)	
FEDTHEODUR (optional)	num(2)		**THERORETICAL FULL-TIME DURATION OF THE FORMAL ACTIVITY**	
		1	Duration of less than 3 months	FEDNUM ≥ 1
		2	Duration from 3 to less than 6 months	
		3	Duration of 6 months and more	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
		-3	optional variable not in survey	
FEDMETHOD	num(2)		**MAIN METHOD OF LEARNING USED IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
		1	Traditional teaching (e.g. classroom)	
		2	Distance learning using online or offline computer	
		3	Distance learning using traditional teaching material	
		-2	Not applicable (FEDNUM=0)	
		-1	No answer	
FEDREASON	num(2)		**REASONS FOR PARTICIPATING IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
		0	None of the reasons below	

Variable name	Format	Code	Description	Filter
		1-9	Number of responses provided in the list of 9 reasons below	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
FEDREASON_01	num(2)		**TO DO MY JOB BETTER AND/OR IMPROVE CARRIER PROSPECTS**	FEDNUM ≥ 1 and FEDREASON ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable ((FEDNUM=0 or FEDREASON = -1)	
FEDREASON_02	num(2)		**TO BE LESS LIKELY TO LOSE MY JOB**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_03	num(2)		**TO INCREASE MY POSSIBILITIES OF GETTING A JOB, OR CHANGING A JOB/PROFESSION**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_04	num(2)		**TO START MY OWN BUSINESS**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_05	num(2)		**I WAS OBLIGED TO PARTICIPATE**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_06	num(2)		**TO GET KNOWLEDGE/SKILLS USEFUL IN MY EVERYDAY LIFE**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_07	num(2)		**TO INCREASE MY KNOWLEDGE/SKILLS ON A SUBJECT THAT INTERESTS ME**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_08	num(2)		**OBTAIN CERTIFICATE**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDREASON_09	num(2)		**TO MEET NEW PEOPLE/FOR FUN**	FEDNUM ≥ 1 and FEDREASON ≠ -1
			same codes as FEDREASON_*01*	
FEDWORKTIME	num(2)		**MOST RECENT FORMAL EDUCATION ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE OR RECUPERATION)**	FEDNUM ≥ 1
		1	Only during paid working hours	
		2	Mostly during paid working hours	
		3	Mostly outside paid working hours	
		4	Only outside paid working hours	
		5	Not working at that time	
		-1	No answer	

Variable name	Format	Code	Description	Filter
		-2	Not applicable (FEDNUM=0)	
			VOLUME OF INSTRUCTION OF THE MOST RECENT FORMAL EDUCATION ACTIVITY	
FEDNBHOURS	num(4)		**TOTAL NUMBER OF INSTRUCTION HOURS**	FEDNUM ≥ 1
		1-9999	Number of instruction hours	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
FEDNBWEEKS *(optional)*	num(2)		**NUMBER OF WEEKS**	FEDNUM ≥ 1
		1-52	Number of weeks	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
		-3	optional variable not in survey	
FEDDURPERWEEK *(optional)*	num(2)		**AVERAGE NUMBER OF INSTRUCTION HOURS PER WEEK**	FEDNUM ≥ 1
		1-98	Average number of instruction hours per week	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
		-3	optional variable not in survey	
FEDPAIDBY[10]	num(2)		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE MOST RECENT FORMAL EDUCATION ACTIVITY BY:**	FEDNUM ≥ 1
		0	None of the items below	
		1-5	Number of responses provided in the list of 5 items below	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
			LIST OF ITEMS (MULTIPLE RESPONSES ALLOWED)	
FEDPAIDBY_1	num(2)		**EMPLOYER OR PROSPECTIVE EMPLOYER**	FEDNUM ≥ 1 and FEDPAIDBY ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable ((FEDNUM=0 or FEDPAIDBY = -1)	
FEDPAIDBY_2	num(2)		**PUBLIC EMPLOYMENT SERVICES**	FEDNUM ≥ 1 and FEDPAIDBY ≠ -1
			same codes as FEDPAIDBY*_1*	
FEDPAIDBY_3	num(2)		**OTHER PUBLIC INSTITUTIONS**	FEDNUM ≥ 1 and FEDPAIDBY ≠ -1
			same codes as FEDPAIDBY*_1*	
FEDPAIDBY_4	num(2)		**A HOUSEHOLD MEMBER OR A RELATIVE**	FEDNUM ≥ 1 and FEDPAIDBY ≠ -1

[10] Variables FEDPAIDBY to FEDBAIDBYFULL are not copied one to one, but are derived from the questionnaire

Variable name	Format	Code	Description	Filter
			same codes as FEDPAIDBY_*1*	
FEDPAIDBY_5	num(2)		**YOURSELF**	FEDNUM ≥ 1 and FEDPAIDBY ≠ -1
			same codes as FEDPAIDBY_*1*	
FEDPAIDFULL *(optional)*	num(2)		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE MOST RECENT FORMAL EDUCATION ACTIVITY BY THOSE IDENTIFIED IN 'FEDPAIDBY'**	FEDPAIDBY≥ =1
		1	Yes	
		2	No (only part of the costs)	
		-1	No answer (total costs not known)	
		-2	Not applicable (FEDPAIDBY =0, -1, -2)	
		-3	optional variable not in survey	
FEDPAIDVAL	num(8)		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/OR TECHNICAL STUDY MEANS REGARDING STUDIES IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDPAIDBY_4 = 1 or FEDPAIDBY_5 = 1
		0-999999	In euros (see annex 3b for exchange rates)	
		-1	No answer	
		-2	Not applicable (FEDPAIDBY_4≠1 and FEDPAIDBY_5≠1)	
FEDUSE	num(2)		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
		1	A lot	
		2	A fair amount	
		3	Very little	
		4	Not at all	
		-2	Not applicable (FEDNUM=0)	
		-1	No answer	
FEDSAT *(optional)*	num(2)		**SATISFACTION WITH THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
		1	Yes	
		2	No	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
		-3	optional variable not in survey	
FEDUNSATREASON *(optional)*	num(2)		**REASONS FOR NOT BEING SATISFIED WITH THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDSAT =2
		0	None of the reasons below	
		1-5	Number of responses provided in the list of 5 reasons below	
		-1	No answer	

Variable name	Format	Code	Description	Filter
		-2	Not applicable (FEDSAT ≠ 2)	
		-3[11]	optional variable not in survey	
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
FEDUNSATREASON_1 *(optional)*	num(2)		**RELEVANCE/USEFULNESS**	FEDSAT =2 and FEDUNSATREASON ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable ((FEDSAT ≠ 2) or FEDUNSATREASON = -1)	
		-3[12]	optional variable not in survey	
FEDUNSATREASON_2 *(optional)*	num(2)		**LEVEL OF TRAINING TOO LOW**	FEDSAT =2 and FEDUNSATREASON ≠ -1
			same codes as FEDUNSATREASON_*1*	
FEDUNSATREASON_3 *(optional)*	num(2)		**LEVEL OF TRAINING TOO HIGH**	FEDSAT =2 and FEDUNSATREASON ≠ -1
			same codes as FEDUNSATREASON_*1*	
FEDUNSATREASON_4 *(optional)*	num(2)		**QUALITY OF TEACHING**	FEDSAT =2 and FEDUNSATREASON ≠ -1
			same codes as FEDUNSATREASON_*1*	
FEDUNSATREASON_5 *(optional)*	num(2)		**ORGANISATION OF TRAINING (LOCATION, MATERIALS, CLASSROOMS ETC.)**	FEDSAT =2 and FEDUNSATREASON ≠ -1
			same codes as FEDUNSATREASON_*1*	
			OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE MOST RECENT FORMAL EDUCATION ACTIVITY	FEDNUM ≥ 1
FEDOUTCOME	num(2)	0	None of the outcomes below	
		1-8	Number of responses provided in the list of 8 outcomes below	
		-1	No answer	
		-2	Not applicable (FEDNUM=0)	
			LIST OF OUTCOMES (MULTIPLE RESPONSES ALLOWED)	
FEDOUTCOME_1	num(2)		**GETTING A (NEW) JOB**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (FEDNUM= 0 or FEDOUTCOME = -1)	

[11] If FEDSAT = -3 all variables from FEDUNSATREASON to FEDUNSATREASON_5 should be -3

[12] If FEDUNSATREASON = -3 all variables from FEDUNSATREASON_1 to FEDUNSATREASON1_5 should be -3

Variable name	Format	Code	Description	Filter
FEDOUTCOME_2	num(2)		**PROMOTION IN THE JOB**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1 and (FEDWORKTIME=1,2,3,4)
		1	Selected	
		2	Not selected	
		-2	Not applicable (FEDNUM= 0 or FEDOUTCOME = -1 or (FEDWORKTIME ≠ 1,2,3,4))	
FEDOUTCOME_3	num(2)		**HIGHER SALARY/WAGES**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1 and (FEDWORKTIME=1,2,3,4)
			same codes as FEDOUTCOME_*2*	
FEDOUTCOME_4	num(2)		**NEW TASKS**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1 and (FEDWORKTIME=1,2,3,4)
			same codes as FEDOUTCOME_*2*	
FEDOUTCOME_5	num(2)		**BETTER PERFORMANCE IN THE JOB**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1 and (FEDWORKTIME=1,2,3,4)
			same codes as FEDOUTCOME_*2*	
FEDOUTCOME_6	num(2)		**PERSONAL RELATED REASONS (MEET OTHER PEOPLE, REFRESH YOUR SKILLS IN GENERAL SUBJECTS ETC.)**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1
			same codes as FEDOUTCOME_*1*	
FEDOUTCOME_7	num(2)		**NO OUTCOMES YET**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1
			same codes as FEDOUTCOME_*1*	
FEDOUTCOME_8	num(2)		**NO OUTCOMES EXPECTED**	FEDNUM ≥ 1 and FEDOUTCOME ≠ -1
			same codes as FEDOUTCOME_*1*	
			PARTICIPATION IN ANY OF THE FOLLOWING ACTIVITIES WITH THE INTENTION TO IMPROVE KNOWLEDGE OR SKILLS IN ANY AREA (INCLUDING HOBBIES) DURING THE LAST 12 MONTHS	
NFECOURSE	num(2)		a. **COURSES**	
		1	Yes	
		2	No	
NFEWORKSHOP	num(2)		b. **WORKSHOPS AND SEMINARS**	
		1	Yes	
		2	No	

Variable name	Format	Code	Description	Filter
NFEGUIDED JT	num(2)		c. **GUIDED ON THE JOB TRAINING**	
		1	Yes	
		2	No	
NFELESSON	num(2)		d. **PRIVATE LESSONS**	
		1	Yes	
		2	No	
NFENUM	num(2)		**NUMBER OF NON-FORMAL EDUCATION AND TRAINING ACTIVITIES DURING THE LAST 12 MONTHS**	
		0	None (NFECOURSE=2 and NFEWORKSHOP=2 and NFEGUI DEDJT=2 and NFELESSON=2)	
		1-98	Number of activities	
			IDENTIFICATION OF ACTIVITIES (UP TO 10)	
NFEACT01_TYPE	num(2)		**TYPE OF THE 1ST ACTIVITY**	NFENUM ≥ 1
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM=0)	
NFEACT02_TYPE	num(2)		**TYPE OF THE 2ND ACTIVITY**	NFENUM ≥ 2
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM< 2)	
NFEACT03_TYPE	num(2)		**TYPE OF THE 3RD ACTIVITY**	NFENUM ≥ 3
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 3)	
NFEACT04_TYPE	num(2)		**TYPE OF THE 4TH ACTIVITY**	NFENUM ≥ 4
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 4)	
NFEACT05_TYPE	num(2)		**TYPE OF THE 5TH ACTIVITY**	NFENUM ≥ 5

Variable name	Format	Code	Description	Filter
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 5)	
NFEACT06_TYPE	num(2)		**TYPE OF THE 6TH ACTIVITY**	NFENUM ≥ 6
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 6)	
NFEACT07_TYPE	num(2)		**TYPE OF THE 7TH ACTIVITY**	NFENUM ≥ 7
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 7)	
NFEACT08_TYPE	num(2)		**TYPE OF THE 8TH ACTIVITY**	NFENUM ≥ 8
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 8)	
NFEACT09_TYPE	num(2)		**TYPE OF THE 9TH ACTIVITY**	NFENUM ≥ 9
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 9)	
NFEACT10_TYPE	num(2)		**TYPE OF THE 10TH ACTIVITY**	NFENUM=10
		1	Courses	
		2	Workshops and seminars	
		3	Guided on the job training	
		4	Private lessons	
		-1	No answer	
		-2	Not applicable (NFENUM < 10)	
NFEPURP10	num(2)		**AT LEAST ONE JOB RELATED ACTIVITY AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
		1	Yes	
		2	No	
		-2	Not applicable (NFENUM=0)	

Variable name	Format	Code	Description	Filter
NFEWORKTIME10	num(2)		**AT LEAST ONE ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION) AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
		1	Yes	
		2	No (including not working at that time)	
		3 (optional)	I don't know if employer paid (fully or partially) any of the activities	Optional code added on 13/08/2012, not included in the Regulation but in the standard questionnaire
		-2	Not applicable (NFENUM=0)	
NFEPAIDBY10	num(2)		**AT LEAST ONE ACTIVITY PARTIALLY OR FULLY PAID BY THE EMPLOYER AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
		1	Yes	
		2	No (including not working at that time)	
		-2	Not applicable (NFENUM=0)	
NFERAND1	num(2)		**CODE OF THE 1ST RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 1
		1-10	Identification code of the 1st randomly selected activity i.e. code xx (1 to 10) used to identify the variables NFEACTxx_TYPE	
		-2	Not applicable (NFENUM=0)	
NFERAND1_TYPE	num(2)		**TYPE OF THE 1ST ACTIVITY**	NFERAND1≠-2
		1-4	As reported in NFEACTxx_TYPE for the 1st randomly selected activity	
		-1	No answer	
NFEPURP1	num(2)		**PURPOSE OF THE 1ST ACTIVITY**	NFERAND1≠-2
		1	Mainly job-related	
		2	Mainly personal/non-job-related reasons	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
NFEFIELD1	num(3)		**FIELD OF THE 1ST ACTIVITY**	NFERAND1≠-2
			Coded as FEDFIELD	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
		or optional 010-863	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
NFEMETHOD1	num(2)		**MAIN METHOD OF LEARNING USED FOR THE 1ST ACTIVITY**	NFERAND1≠-2 and NFERAND1_TYPE ≠2,3
		1	Traditional teaching (e.g. classroom)	
		2	Distance learning using online or offline computer	
		3	Distance learning using traditional teaching material	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2 or NFERAND1_TYPE =2,3)	

Variable name	Format	Code	Description	Filter
NFEREASON 1	num(2)		**REASONS FOR PARTICIPATING IN THE 1ST ACTIVITY**	NFERAND1≠-2
		0	None of the reasons below	
		1-9	Number of responses provided in the list of 9 reasons below	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEREASON 1_01	num(2)		**TO DO MY JOB BETTER AND/OR IMPROVE CARRIER PROSPECTS**	NFERAND1≠-2 and NFEREASON1 ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable ((NFERAND1=-2 or NFEREASON1 = -1)	
NFEREASON 1_02	num(2)		**TO BE LESS LIKELY TO LOSE MY JOB**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_03	num(2)		**TO INCREASE MY POSSIBILITIES OF GETTING A JOB, OR CHANGING A JOB/PROFESSION**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_04	num(2)		**TO START MY OWN BUSINESS**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_05	num(2)		**I WAS OBLIGED TO PARTICIPATE**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_06	num(2)		**TO GET KNOWLEDGE/SKILLS USEFUL IN MY EVERYDAY LIFE**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_07	num(2)		**TO INCREASE MY KNOWLEDGE/SKILLS ON A SUBJECT THAT INTERESTS ME**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_08	num(2)		**OBTAIN CERTIFICATE**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEREASON 1_09	num(2)		**TO MEET NEW PEOPLE/FOR FUN**	NFERAND1≠-2 and NFEREASON1 ≠ -1
			same codes as NFEREASON1_01	
NFEWORKTIME1	num(2)		**1ST ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION)**	NFERAND1≠-2 and NFERAND1_TYPE ≠3
		1	Only during paid working hours	
		2	Mostly during paid working hours	
		3	Mostly outside paid working hours	

Variable name	Format	Code	Description	Filter
		4	Only outside paid working hours	
		5	Not working at that time	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2 or NFERAND1_TYPE =3)	
			VOLUME OF INSTRUCTION OF 1ST ACTIVITY	
NFENBHOURS1	num(4)		**TOTAL NUMBER OF INSTRUCTION HOURS**	NFERAND1≠-2
		1-9999	Number of instruction hours	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
NFENBWEEKS1 ***(optional)***	num(2)		**NUMBER OF WEEKS**	NFERAND1≠-2
		1-52	Number of weeks	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
		-3	optional variable not in survey	
NFEDURPERWEEK1 ***(optional)***	num(2)		**AVERAGE NUMBER OF INSTRUCTION HOURS PER WEEK**	NFERAND1≠-2
		1-98	Average number of instruction hours per week	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
		-3	optional variable not in survey	
NFEPROVIDER1	num(2)		**PROVIDER OF THE 1ST ACTIVITY**	NFERAND1≠-2
		1	Formal education institution	
		2	Non-formal education and training institutions	
		3	Commercial institution where ET is not the main activity (e.g. equipment suppliers)	
		4	Employer	
		5	Employers' organisations, chambers of commerce	
		6	Trade unions	
		7	Non-profit associations, e.g. cultural society, political party	
		8	Individuals (e.g. students giving private lessons)	
		9	Non-commercial institution where ET is not the main activity (e.g. libraries, museums, ministries)	
		10	Other	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
NFECERT1	num(2)		**CERTIFICATE OBTAINED AFTER THE 1ST ACTIVITY**	≠-2
		1	Yes, required by the employer or a professional body or by law	
		2	Yes, not required by the employer or a professional body or by law	
		3	No (acknowledgement of attendance)	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	

Variable name	Format	Code	Description	Filter
NFEPAIDBY1	num(2)		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE 1ST ACTIVITY**	NFERAND1≠-2 and NFERAND1_TYPE ≠3
		0	None of the items below	
		1-5	Number of responses provided in the list of 5 items below	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2 or NFERAND1_TYPE =3)	
			LIST OF ITEMS (MULTIPLE RESPONSES ALLOWED)	
NFEPAIDBY1_1	num(2)		**EMPLOYER OR PROSPECTIVE EMPLOYER**	NFERAND1≠-2 and NFERAND1_TYPE ≠3 and NFEPAIDBY ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (NFERAND1=-2 or NFERAND1_TYPE =3 or NFEPAIDBY = -1)	
NFEPAIDBY1_2	num(2)		**PUBLIC EMPLOYMENT SERVICES**	NFERAND1≠-2 and NFERAND1_TYPE ≠3 and NFEPAIDBY ≠ -1
			same codes as NFEPAIDBY1*_1*	
NFEPAIDBY1_3	num(2)		**OTHER PUBLIC INSTITUTIONS**	NFERAND1≠-2 and NFERAND1_TYPE ≠3 and NFEPAIDBY ≠ -1
			same codes as NFEPAIDBY1*_1*	
NFEPAIDBY1_4	num(2)		**A HOUSEHOLD MEMBER OR A RELATIVE**	NFERAND1≠-2 and NFERAND1_TYPE ≠3 and NFEPAIDBY ≠ -1
			same codes as NFEPAIDBY1*_1*	
NFEPAIDBY1_5	num(2)		**YOURSELF**	NFERAND1≠-2 and NFERAND1_TYPE ≠3 and NFEPAIDBY ≠ -1
			same codes as NFEPAIDBY1*_1*	
NFEPAIDFULL1 *(optional)*	num(2)		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS BY THOSE IDENTIFIED IN 'NFEPAIDBY' FOR THE 1ST ACTIVITY**	NFEPAIDBY1≥1
		1	Yes	
		2	No (only part of the costs)	
		-1	No answer (total costs not known)	
		-2	Not applicable (NFEPAIDBY1=0, -1, -2)	
NFEPAIDVAL1	num(8)		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/OR TECHNICAL STUDY MEANS REGARDING THE 1ST ACTIVITY**	NFEPAIDBY1_4=1 or NFEPAIDBY 1_5=1
		0-999999	In euros (see annex 3b for exchange rates)	

Variable name	Format	Code	Description	Filter
		-1	No answer	
		-2	Not applicable (NFEPAIDBY1_4≠1 and NFEPAIDBY1_5≠1)	
NFEUSE1	num(2)		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE 1ST ACTIVITY**	NFERAND1≠-2
		1	A lot	
		2	A fair amount	
		3	Very little	
		4	Not at all	
		-2	Not applicable (NFERAND1=-2)	
		-1	No answer	
NFESAT1 *(optional)*	num(2)		**SATISFACTION WITH THE 1ST ACTIVITY**	NFERAND1≠-2
		1	Yes	
		2	No	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
		-3	optional variable not in survey	
NFEUNSATREASON1 *(optional)*	num(2)		**REASONS FOR NOT BEING SATISFIED WITH THE 1ST ACTIVITY**	NFESAT1=2
		0	None of the reasons below	
		1-5	Number of responses provided in the list of 5 reasons below	
		-1	No answer	
		-2	Not applicable (NFESAT1 ≠ 2)	
		-3[13]	optional variable not in survey	
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEUNSATREASON1_1 *(optional)*	num(2)		**RELEVANCE/USEFULNESS**	NFESAT1=2 and NFEUNSATREASON1 ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (NFESAT1 ≠ 2 or NFEUNSATREASON1 = -1)	
		-3[14]	optional variable not in survey	
NFEUNSATREASON1_2 *(optional)*	num(2)		**LEVEL OF TRAINING TOO LOW**	NFESAT1=2 and NFEUNSATREASON1 ≠ -1
			same codes as NFEUNSATREASON1*_1*	
NFEUNSATREASON1_3 *(optional)*	num(2)		**LEVEL OF TRAINING TOO HIGH**	NFESAT1=2 and NFEUNSATREASON1 ≠ -1
			same codes as NFEUNSATREASON1*_1*	

[13] If NFESAT1 = -3 all variables from NFEUNSATREASON1 to NFEUNSATREASON1_5 should be -3

[14] If NFEUNSATREASON1 = -3 all variables from NFEUNSATREASON1_1 to NFEUNSATREASON1_5 should be -3

Variable name	Format	Code	Description	Filter
NFEUNSATREASON1_4 *(optional)*	num(2)		**QUALITY OF TEACHING**	NFESAT1=2 and NFEUNSATREASON1 ≠ -1
			same codes as NFEUNSATREASON1_*1*	
NFEUNSATREASON1_5 *(optional)*	num(2)		**ORGANISATION OF TRAINING (LOCATION, MATERIALS, CLASSROOMS ETC.)**	NFESAT1=2 and NFEUNSATREASON1 ≠ -1
			same codes as NFEUNSATREASON1_*1*	
NFEOUTCOME1	num(2)		**OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE 1ST ACTIVITY**	NFERAND1≠-2
		0	None of the outcomes below	
		1-8	Number of responses provided in the list of 8 outcomes below	
		-1	No answer	
		-2	Not applicable (NFERAND1=-2)	
			LIST OF OUTCOMES (MULTIPLE RESPONSES ALLOWED)	
NFEOUTCOME1_1	num(2)		**GETTING A (NEW) JOB**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (NFERAND1=-2 or NFEOUTCOME1 = -1)	
NFEOUTCOME1_2	num(2)		**PROMOTION IN THE JOB**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1 and (NFEWORKTIME1=1,2,3,4)
		1	Selected	
		2	Not selected	
		-2	Not applicable (FEDNUM= 0 or NFEOUTCOME1 = -1 or (NFEWORKTIME1 ≠ 1,2,3,4))	
NFEOUTCOME1_3	num(2)		**HIGHER SALARY/WAGES**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1 and (NFEWORKTIME1=1,2,3,4)
			same codes as NFEOUTCOME1_*2*	
NFEOUTCOME1_4	num(2)		**NEW TASKS**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1 and (NFEWORKTIME1=1,2,3,4)
			same codes as NFEOUTCOME1_*2*	

Variable name	Format	Code	Description	Filter
NFEOUTCOME1_5	num(2)		**BETTER PERFORMANCE IN THE JOB**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1 and (NFEWORKTIME1=1,2,3,4)
			same codes as NFEOUTCOME1*_2*	
NFEOUTCOME1_6	num(2)		**PERSONAL RELATED REASONS (MEET OTHER PEOPLE, REFRESH YOUR SKILLS IN GENERAL SUBJECTS ETC.)**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1
			same codes as NFEOUTCOME1*_1*	
NFEOUTCOME1_7	num(2)		**NO OUTCOMES YET**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1
			same codes as NFEOUTCOME1*_1*	
NFEOUTCOME1_8	num(2)		**NO OUTCOMES EXPECTED**	NFERAND1≠-2 and NFEOUTCOME1 ≠ -1
NFERAND2	num(2)	15	**CODE OF THE 2ND RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 2
NFERAND2_TYPE	num(2)		**TYPE OF THE 2ND ACTIVITY**	NFERAND2≠-2
NFEPURP2	num(2)		**PURPOSE OF THE 2ND ACTIVITY**	NFERAND2≠-2
NFEFIELD2	num(3)		**FIELD OF THE 2ND ACTIVITY**	NFERAND2≠-2
NFEMETHOD2	num(2)		**MAIN METHOD OF LEARNING USED FOR THE 2ND ACTIVITY**	NFERAND2≠-2 and NFERAND2_TYPE ≠2,3
NFEREASON2	num(2)		**REASONS FOR PARTICIPATING IN THE 2ND ACTIVITY**	NFERAND2≠-2
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEREASON2_01	num(2)		**TO DO MY JOB BETTER AND/OR IMPROVE CARRIER PROSPECTS**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_02	num(2)		**TO BE LESS LIKELY TO LOSE MY JOB**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_03	num(2)		**TO INCREASE MY POSSIBILITIES OF GETTING A JOB, OR CHANGING A JOB/PROFESSION**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_04	num(2)		**TO START MY OWN BUSINESS**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_05	num(2)		**I WAS OBLIGED TO PARTICIPATE**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_06	num(2)		**TO GET KNOWLEDGE/SKILLS USEFUL IN MY EVERYDAY LIFE**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_07	num(2)		**TO INCREASE MY KNOWLEDGE/SKILLS ON A SUBJECT THAT INTERESTS ME**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_08	num(2)		**OBTAIN CERTIFICATE**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEREASON2_09	num(2)		**TO MEET NEW PEOPLE/FOR FUN**	NFERAND2≠-2 and NFEREASON2 ≠ -1
NFEWORKTIME2	num(2)		**2ND ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION)**	NFERAND2≠-2 and NFERAND2_TYPE ≠3
			VOLUME OF INSTRUCTION OF 2ND ACTIVITY	

[15] NFERAND2 to NFEOUTCOME2_8: same coding than NFERAND1 to NFEOUTCOME1_8

Variable name	Format	Code	Description	Filter
NFENBHOURS2	num(4)		**TOTAL NUMBER OF INSTRUCTION HOURS**	NFERAND2≠-2
NFENBWEEKS2 ***(optional)***	num(2)		**NUMBER OF WEEKS**	NFERAND2≠-2
NFEDURPERWEEK2 ***(optional)***	num(2)		**AVERAGE NUMBER OF INSTRUCTION HOURS PER WEEK**	NFERAND2≠-2
NFEPROVIDER2	num(2)		**PROVIDER OF THE 2ND ACTIVITY**	NFERAND2≠-2
NFECERT2	num(2)		**CERTIFICATE OBTAINED AFTER THE 2ND ACTIVITY**	≠-2
NFEPAIDBY2	num(2)		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE 2ND ACTIVITY**	NFERAND2≠-2 and NFERAND2_TYPE ≠3
			LIST OF ITEMS (MULTIPLE RESPONSES ALLOWED)	
NFEPAIDBY2_1	num(2)		**EMPLOYER OR PROSPECTIVE EMPLOYER**	NFERAND2≠-2 and NFERAND2_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY2_2	num(2)		**PUBLIC EMPLOYMENT SERVICES**	NFERAND2≠-2 and NFERAND2_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY2_3	num(2)		**OTHER PUBLIC INSTITUTIONS**	NFERAND2≠-2 and NFERAND2_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY2_4	num(2)		**A HOUSEHOLD MEMBER OR A RELATIVE**	NFERAND2≠-2 and NFERAND2_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY2_5	num(2)		**YOURSELF**	NFERAND2≠-2 and NFERAND2_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDFULL2 *(optional)*	num(2)		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS BY THOSE IDENTIFIED IN 'NFEPAIDBY' FOR THE 2ND ACTIVITY**	NFEPAIDBY2≥1
NFEPAIDVAL2	num(8)		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/OR TECHNICAL STUDY MEANS REGARDING THE 2ND ACTIVITY**	NFEPAIDBY2_4=1 or NFEPAIDBY 1_5=1
NFEUSE2	num(2)		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE 2ND ACTIVITY**	NFERAND2≠-2
NFESAT2 *(optional)*	num(2)		**SATISFACTION WITH THE 2ND ACTIVITY**	NFERAND2≠-2
NFEUNSATREASON2 *(optional)*	num(2)		**REASONS FOR NOT BEING SATISFIED WITH THE 2ND ACTIVITY**	NFESAT2=2
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEUNSATREASON2_1 *(optional)*	num(2)		**RELEVANCE/USEFULNESS**	NFESAT2=2 and NFEUNSATREASON2 ≠ -1
NFEUNSATREASON2_2 *(optional)*	num(2)		**LEVEL OF TRAINING TOO LOW**	NFESAT2=2 and NFEUNSATREASON2 ≠ -1

Variable name	Format	Code	Description	Filter
NFEUNSATREASON2_3 *(optional)*	num(2)		**LEVEL OF TRAINING TOO HIGH**	NFESAT2=2 and NFEUNSATREASON2 ≠ -1
NFEUNSATREASON2_4 *(optional)*	num(2)		**QUALITY OF TEACHING**	NFESAT2=2 and NFEUNSATREASON2 ≠ -1
NFEUNSATREASON2_5 *(optional)*	num(2)		**ORGANISATION OF TRAINING (LOCATION, MATERIALS, CLASSROOMS ETC.)**	NFESAT2=2 and NFEUNSATREASON2 ≠ -1
NFEOUTCOME2	num(2)		**OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE 2ND ACTIVITY**	NFERAND2≠-2
			LIST OF OUTCOMES (MULTIPLE RESPONSES ALLOWED)	
NFEOUTCOME2_1	num(2)		**GETTING A (NEW) JOB**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1
NFEOUTCOME2_2	num(2)		**PROMOTION IN THE JOB**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1 and (NFEWORKTIME2=1,2, 3,4)
NFEOUTCOME2_3	num(2)		**HIGHER SALARY/WAGES**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1 and (NFEWORKTIME2=1,2, 3,4)
NFEOUTCOME2_4	num(2)		**NEW TASKS**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1 and (NFEWORKTIME2=1,2, 3,4)
NFEOUTCOME2_5	num(2)		**BETTER PERFORMANCE IN THE JOB**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1 and (NFEWORKTIME2=1,2, 3,4)
NFEOUTCOME2_6	num(2)		**PERSONAL RELATED REASONS (MEET OTHER PEOPLE, REFRESH YOUR SKILLS IN GENERAL SUBJECTS ETC.)**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1
NFEOUTCOME2_7	num(2)		**NO OUTCOMES YET**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1
NFEOUTCOME2_8	num(2)		**NO OUTCOMES EXPECTED**	NFERAND2≠-2 and NFEOUTCOME2 ≠ -1
NFERAND3 *(optional)*	num(2)	[16]	**CODE OF THE 3RD RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 3
NFERAND3_TYPE *(optional)*	num(2)		**TYPE OF THE 3RD ACTIVITY**	NFERAND3≠-2
NFEPURP3 *(optional)*	num(2)		**PURPOSE OF THE 3RD ACTIVITY**	NFERAND3≠-2
NFEFIELD3 *(optional)*	num(3)		**FIELD OF THE 3RD ACTIVITY**	NFERAND3≠-2

[16] NFERAND3 to NFEOUTCOME3_8: same coding than NFERAND1 to NFEOUTCOME1_8 and code -3 (optional variable not in survey); if NFERAND3 = -3 all variables from NFERAND3 to NFEOUTCOME3_8 should be coded -3

Variable name	Format	Code	Description	Filter
NFEMETHOD3 *(optional)*	num(2)		**MAIN METHOD OF LEARNING USED FOR THE 3RD ACTIVITY**	NFERAND3≠-2 and NFERAND3_TYPE ≠2,3
NFEREASON3 *(optional)*	num(2)		**REASONS FOR PARTICIPATING IN THE 3RD ACTIVITY**	NFERAND3≠-2
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEREASON3_01 *(optional)*	num(2)		**TO DO MY JOB BETTER AND/OR IMPROVE CARRIER PROSPECTS**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_02 *(optional)*	num(2)		**TO BE LESS LIKELY TO LOSE MY JOB**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_03 *(optional)*	num(2)		**TO INCREASE MY POSSIBILITIES OF GETTING A JOB, OR CHANGING A JOB/PROFESSION**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_04 *(optional)*	num(2)		**TO START MY OWN BUSINESS**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_05 *(optional)*	num(2)		**I WAS OBLIGED TO PARTICIPATE**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_06 *(optional)*	num(2)		**TO GET KNOWLEDGE/SKILLS USEFUL IN MY EVERYDAY LIFE**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_07 *(optional)*	num(2)		**TO INCREASE MY KNOWLEDGE/SKILLS ON A SUBJECT THAT INTERESTS ME**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_08 *(optional)*	num(2)		**OBTAIN CERTIFICATE**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEREASON3_09 *(optional)*	num(2)		**TO MEET NEW PEOPLE/FOR FUN**	NFERAND3≠-2 and NFEREASON3 ≠ -1
NFEWORKTIME3 *(optional)*	num(3)		**3RD ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION)**	NFERAND3≠-2 and NFERAND3_TYPE ≠3
			VOLUME OF INSTRUCTION OF 3RD ACTIVITY	
NFENBHOURS3 *(optional)*	num(4)		**TOTAL NUMBER OF INSTRUCTION HOURS**	NFERAND3≠-2
NFENBWEEKS3 ***(optional)***	num(2)		**NUMBER OF WEEKS**	NFERAND3≠-2
NFEDURPERWEEK3 ***(optional)***	num(2)		**AVERAGE NUMBER OF INSTRUCTION HOURS PER WEEK**	NFERAND3≠-2
NFEPROVIDER3 *(optional)*	num(2)		**PROVIDER OF THE 3RD ACTIVITY**	NFERAND3≠-2
NFECERT3 *(optional)*	num(2)		**CERTIFICATE OBTAINED AFTER THE 3RD ACTIVITY**	≠-2
NFEPAIDBY3 *(optional)*	num(2)		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE 3RD ACTIVITY**	NFERAND3≠-2 and NFERAND3_TYPE ≠3
			LIST OF ITEMS (MULTIPLE RESPONSES ALLOWED)	
NFEPAIDBY3_1 *(optional)*	num(2)		**EMPLOYER OR PROSPECTIVE EMPLOYER**	NFERAND3≠-2 and NFERAND3_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY3_2 *(optional)*	num(2)		**PUBLIC EMPLOYMENT SERVICES**	NFERAND3≠-2 and NFERAND3_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY3_3 *(optional)*	num(2)		**OTHER PUBLIC INSTITUTIONS**	NFERAND3≠-2 and NFERAND3_TYPE ≠3 and NFEPAIDBY ≠ -1

Variable name	Format	Code	Description	Filter
NFEPAIDBY3_4 *(optional)*	num(2)		**A HOUSEHOLD MEMBER OR A RELATIVE**	NFERAND3≠-2 and NFERAND3_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDBY3_5 *(optional)*	num(2)		**YOURSELF**	NFERAND3≠-2 and NFERAND3_TYPE ≠3 and NFEPAIDBY ≠ -1
NFEPAIDFULL3 *(optional)*	num(2)		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS BY THOSE IDENTIFIED IN 'NFEPAIDBY' FOR THE 3RD ACTIVITY**	NFEPAIDBY3≥1
NFEPAIDVAL3 *(optional)*	num(8)		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/OR TECHNICAL STUDY MEANS REGARDING THE 3RD ACTIVITY**	NFEPAIDBY3_4=1 or NFEPAIDBY 1_5=1
NFEUSE3 *(optional)*	num(2)		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE 3RD ACTIVITY**	NFERAND3≠-2
NFESAT3 *(optional)*	num(2)		**SATISFACTION WITH THE 3RD ACTIVITY**	NFERAND3≠-2
NFEUNSATREASON3 *(optional)*	num(2)		**REASONS FOR NOT BEING SATISFIED WITH THE 3RD ACTIVITY**	NFESAT3=2
			LIST OF REASONS (MULTIPLE RESPONSES ALLOWED)	
NFEUNSATREASON3_1 *(optional)*	num(2)		**RELEVANCE/USEFULNESS**	NFESAT3=2 and NFEUNSATREASON3 ≠ -1
NFEUNSATREASON3_2 *(optional)*	num(2)		**LEVEL OF TRAINING TOO LOW**	NFESAT3=2 and NFEUNSATREASON3 ≠ -1
NFEUNSATREASON3_3 *(optional)*	num(2)		**LEVEL OF TRAINING TOO HIGH**	NFESAT3=2 and NFEUNSATREASON3 ≠ -1
NFEUNSATREASON3_4 *(optional)*	num(2)		**QUALITY OF TEACHING**	NFESAT3=2 and NFEUNSATREASON3 ≠ -1
NFEUNSATREASON3_5 *(optional)*	num(2)		**ORGANISATION OF TRAINING (LOCATION, MATERIALS, CLASSROOMS ETC.)**	NFESAT3=2 and NFEUNSATREASON3 ≠ -1
NFEOUTCOME3 *(optional)*	num(2)		**OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE 3RD ACTIVITY**	NFERAND3≠-2
			LIST OF OUTCOMES (MULTIPLE RESPONSES ALLOWED)	
NFEOUTCOME3_1 *(optional)*	num(2)		**GETTING A (NEW) JOB**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1
NFEOUTCOME3_2 *(optional)*	num(2)		**PROMOTION IN THE JOB**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1 and (NFEWORKTIME3=1,2, 3,4)

Variable name	Format	Code	Description	Filter
NFEOUTCOME3_3 *(optional)*	num(2)		**HIGHER SALARY/WAGES**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1 and (NFEWORKTIME3=1,2,3,4)
NFEOUTCOME3_4 *(optional)*	num(2)		**NEW TASKS**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1 and (NFEWORKTIME3=1,2,3,4)
NFEOUTCOME3_5 *(optional)*	num(2)		**BETTER PERFORMANCE IN THE JOB**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1 and (NFEWORKTIME3=1,2,3,4)
NFEOUTCOME3_6 *(optional)*	num(2)		**PERSONAL RELATED REASONS (MEET OTHER PEOPLE, REFRESH YOUR SKILLS IN GENERAL SUBJECTS ETC.)**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1
NFEOUTCOME3_7 *(optional)*	num(2)		**NO OUTCOMES YET**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1
NFEOUTCOME3_8 *(optional)*	num(2)		**NO OUTCOMES EXPECTED**	NFERAND3≠-2 and NFEOUTCOME3 ≠ -1
DIFFICULTY[17]	num(2)		**DIFFICULTIES RELATED TO PARTICIPATION (OR MORE PARTICIPATION) IN EDUCATION AND TRAINING DURING THE LAST 12 MONTHS**	
		1	You participated in formal or non-formal education and training and did not want to participate more	
		2	You participated in formal or non-formal education and training but wanted to participate more	
		3	You did not participate in formal or non-formal education and training and did not want to participate	
		4	You did not participate in formal or non-formal education and training but wanted to participate	
		-1	No answer	
DIFFTYPE	num(2)		**TYPE OF DIFFICULTIES**	DIFFICULTY = 1 to 4
		0	None of the difficulties below	
		1-11	Number of responses provided in the list of 11 difficulties below	
		-1	No answer	
		-2	Not applicable (DIFFICULTY ≠ 1 to 4)	
			LIST OF DIFFICULTIES (MULTIPLE RESPONSES ALLOWED)	
DIFFTYPE_01	num(2)		**PREREQUISITES**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
		1	Selected	
		2	Not selected	

[17] Variables DIFFICULTY to DIFFMAIN are not copied one to one, but are derived from the questionnaire

Variable name	Format	Code	Description	Filter
		-2	Not applicable (DIFFICULTY ≠ 1 to 4 or DIFFTYPE = -1)	
DIFFTYPE_02	num(2)		**COST**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_03	num(2)		**LACK OF EMPLOYER'S SUPPORT OR LACK OF PUBLIC SERVICES SUPPORT**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_04	num(2)		**SCHEDULE**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_05	num(2)		**DISTANCE**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_06	num(2)		**NO ACCESS TO A COMPUTER OR INTERNET (FOR DISTANCE LEARNING)**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_07	num(2)		**FAMILY RESPONSIBILITIES**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_08	num(2)		**HEALTH OR AGE**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_09	num(2)		**OTHER PERSONAL REASONS**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_10	num(2)		**NO SUITABLE EDUCATION OR TRAINING ACTIVITY**	DIFFICULTY = 1 to 4 and DIFFTYPE ≠ -1
			same codes as DIFFTYPE_01	
DIFFTYPE_11	num(2)		**NO NEED FOR (FURTHER) EDUCATION AND TRAINING**	DIFFICULTY = 1,3 and DIFFTYPE ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (DIFFICULTY ≠ 1,3 or DIFFTYPE = -1)	
DIFFMAIN	num(2)		**MOST IMPORTANT DIFFICULTY**	DIFFTYPE =1-11
		01-11	Code (xx) of the difficulty (DIFFTYPE_xx)	
		-2	No applicable (DIFFTYPE≠1-11)	
		-1	No answer	
INF	num(2)		**PARTICIPATION IN OTHER ACTIVITIES IN THE LAST 12 MONTHS (DELIBERATE SELF-TEACHING TO IMPROVE KNOWLEDGE OR SKILLS)**	
		1	Yes, one activity	
		2	Yes, at least two activities	

Variable name	Format	Code	Description	Filter
		3	No	
			IDENTIFICATION OF THE 1ST MOST RECENT ACTIVITY	
INFFIELD1	num(3)		**FIELD OF 1ST ACTIVITY**	INF=1, 2
			Coded as FEDFIELD	
		-1	No answer	
		-2	Not applicable (INF ≠ 1,2)	
		or optional 010-863	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
INFPURP1	num(2)		**PURPOSE OF 1ST ACTIVITY**	INF=1, 2
		1	Mainly job-related	
		2	Mainly personal/non-job-related reasons	
		-2	Not applicable (INF≠1, 2)	
INFMETHOD 1	num(2)		**INFORMAL LEARNING METHOD USED FOR 1ST ACTIVITY**	INF=1, 2
		1	By learning from a family member, friend or colleague	
		2	Using printed material (books, professional magazines, etc.)	
		3	Using computers (online or offline)	
		4	Through television/radio/video	
		-2	Not applicable (INF≠1, 2)	
			IDENTIFICATION OF THE 2ND MOST RECENT ACTIVITY	
INFFIELD2	num(3)	*3	**FIELD OF 2ND ACTIVITY**	INF=2
INFPURP2	num(2)	*3	**PURPOSE OF 2ND ACTIVITY**	INF=2
INFMETHOD 2	num(2)	*3	**INFORMAL LEARNING METHOD USED FOR 2ND ACTIVITY**	INF=2
		*3	Same coding as INFFIELD1 to INFMETHOD1	
ICTCOMPUTER	num(2)		**COMPUTER RELATED ACTIVITIES ALREADY CARRIED OUT**	
		0	Never used a computer or none of the activities listed below	
		1-10	Number of responses provided in the list activities 1 to 10below	
		-1	No answer	
			LIST OF EXAMPLES OF ACTIVITIES ALLOWING FOR AN ASSESSMENT OF SKILLS (FROM LOW TO HIGH, MULTIPLE RESPONSES ALLOWED)	
ICTCOMPUTER_1	num(2)		**COPYING OR MOVING A FILE OR FOLDER**	ICTCOMPUTER ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (ICTCOMPUTER = -1)	
ICTCOMPUTER_2	num(2)		**USING COPY AND PASTE TOOLS TO DUPLICATE OR MOVE INFORMATION WITHIN A DOCUMENT**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	

Variable name	Format	Code	Description	Filter
ICTCOMPUTER_3	num(2)		**USING BASIC ARITHMETIC FORMULAS IN A SPREADSHEET**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_4	num(2)		**COMPRESSING (OR ZIPPING) FILES**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_5	num(2)		**CONNECTING AND INSTALLING NEW DEVICES, E.G. A MODEM**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_6	num(2)		**WRITING A COMPUTER PROGRAM USING A SPECIALISED PROGRAMMING LANGUAGE**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_7	num(2)		**TRANSFERRING FILES BETWEEN COMPUTER AND OTHER DEVICES (FROM DIGITAL CAMERA OR FROM/TO MOBILE PHONE, MP3/MP4 PLAYER)**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_8	num(2)		**MODIFYING OR VERIFYING THE CONFIGURATION PARAMETERS OF SOFTWARE APPLICATIONS (EXCEPT INTERNET BROWSERS)**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_9	num(2)		**CREATING ELECTRONIC PRESENTATIONS WITH PRESENTATION SOFTWARE (E.G. SLIDES), INCLUDING E.G. IMAGES, SOUND, VIDEO OR CHARTS**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTCOMPUTER_10	num(2)		**INSTALLING A NEW OR REPLACING AN OLD OPERATING SYSTEM**	ICTCOMPUTER ≠ -1
			same codes as ICTCOMPUTER_1	
ICTINTERNET (optional)	num(2)		**INTERNET RELATED ACTIVITIES HAVE ALREADY CARRIED OUT**	ICTCOMPU TER=1-10, -1
		0	Never used Internet or none of the activities listed below	
		1-8	Number of responses provided in the list activities 1 to 8 below	
		-1	No answer	
		-3	optional variable not in survey	
			List of examples of activities allowing for an assessment of skills (from low to high, multiple responses allowed)	
			LIST OF EXAMPLES OF ACTIVITIES ALLOWING FOR AN ASSESSMENT OF SKILLS (FROM LOW TO HIGH, MULTIPLE RESPONSES ALLOWED)	
ICTINTERNET_1 (optional)	num(2)		**USING A SEARCH ENGINE TO FIND INFORMATION**	ICTINTERNET ≠ -1

Variable name	Format	Code	Description	Filter
		1	Selected	
		2	Not selected	
		-2	Not applicable (ICTINTERNET = -1)	
		-3[18]	optional variable not in survey	
ICTINTERNET_2 (optional)	num(2)		**SENDING E-MAILS WITH ATTACHED FILES (DOCUMENTS, PICTURES, ETC.)**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_3 (optional)	num(2)		**POSTING MESSAGES TO CHATROOMS, NEWSGROUPS OR AN ONLINE DISCUSSION FORUM (E.G. ON WEBSITES FOR SOCIAL NETWORKING)**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_4 (optional)	num(2)		**USING THE INTERNET TO MAKE TELEPHONE CALLS**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_5 (optional)	num(2)		**USING PEER-TO-PEER FILE SHARING FOR EXCHANGING MOVIES, MUSIC, ETC.**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_6 (optional)	num(2)		**CREATING A WEB PAGE**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_7 (optional)	num(2)		**UPLOADING TEXT, GAMES, IMAGES, FILMS OR MUSIC TO WEBSITES (E.G. TO WEBSITES FOR SOCIAL NETWORKING)**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
ICTINTERNET_8 (optional)	num(2)		**MODIFYING THE SECURITY SETTINGS OF INTERNET BROWSERS**	ICTINTERNET ≠ -1
			same codes as ICTINTERNET_1	
			MOTHER TONGUE(S)	
LANGMOTHER1	char(3)		**1ST MOTHER TONGUE**	
		Language	see Annex 12 : Language codes	
LANGMOTHER2	char(3)		**2ND MOTHER TONGUE**	
		Language	see Annex 12 : Language codes	
		000	none	
LANGUSED	num(2)		**OTHER LANGUAGES EXCEPT MOTHER TONGUE(S)**	
		0-98	Number of other languages	
		-1	No answer	
LANGUSED_1	char(3)		**FIRST LANGUAGE**	LANGUSED ≠ -1
		Language	see Annex 12 : Language codes	
		000	none	

[18] If ICTINTERNET = -3 all variables from ICTINTERNET_1 to ICTINTERNET_8 should be -3

Variable name	Format	Code	Description	Filter
		-2	Not applicable (LANGUSED = -1)	
LANGUSED_2	char(3)		**SECOND LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGUSED_3	char(3)		**3RD LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGUSED_4	char(3)		**4TH LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGUSED_5	char(3)		**5TH LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGUSED_6	char(3)		**6TH LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGUSED_7	char(3)		**7TH LANGUAGE**	LANGUSED ≠ -1
			same codes as LANGUSED_1	
LANGBEST1[19]	char(3)		**FIRST BEST KNOWN LANGUAGE (EXCLUDING MOTHER TONGUE)**	LANGUSED ≠ 0, -1
		Language	see Annex 12 : Language codes	
		-1	No answer	
		-2	Not applicable (LANGUSED=0, -1)	
LANGLEVEL1	num(2)		**FIRST BEST LANGUAGE KNOWLEDGE (EXCLUDING MOTHER TONGUE)**	LANGBEST1 ≠ -1, -2
		1	I can understand and use the most common everyday expressions. I use the language in relation to familiar things and situations.	
		2	I can understand the essential of clear language and produce simple text. I can describe experiences and events and communicate fairly fluently.	
		3	I can understand a wide range of demanding texts and use the language flexibly. I master the language almost completely.	
		-1	No answer	
		-2	Not applicable (LANGBEST1 = -1, -2)	
LANGBEST2	char(3)		**SECOND BEST KNOWN LANGUAGE (EXCLUDING MOTHER TONGUE)**	LANGUSED ≠ 0, 1, -1
		Language	see Annex 12 : Language codes	
		-1	No answer	
		-2	Not applicable (LANGUSED=0, 1, -1)	
LANGLEVEL2	num(2)		**SECOND BEST LANGUAGE KNOWLEDGE (EXCLUDING MOTHER TONGUE)**	LANGBEST2 ≠ -1, -2

[19] if LANGBEST1 and LANGBEST2 refer to best international languages OTHERLANG should be filled

Variable name	Format	Code	Description	Filter
		1	I can understand and use the most common everyday expressions. I use the language in relation to familiar things and situations.	
		2	I can understand the essential of clear language and produce simple text. I can describe experiences and events and communicate fairly fluently.	
		3	I can understand a wide range of demanding texts and use the language flexibly. I master the language almost completely.	
		-1	No answer	
		-2	Not applicable (LANGBEST2 = -1, -2)	
OTHERLANG (optional)	char(3)		**BEST KNOWN OTHER LANGUAGE USED ONLY AT THE NATIONAL LEVEL (EXCLUDING MOTHER TONGUE)**	
		Language	see Annex 12 : Language codes	
		-1	No answer	
		-2	Not applicable (no other language used only at national level)	
		-3	optional variable not in survey	
OTHERLANGLEVEL (optional)	num(2)		**KNOWLEDGE ABOUT OTHER KNOWN LANGUAGE USED ONLY AT THE NATIONAL LEVEL MENTIONED**	OTHERLANG ≠ -1, -2
		1	I can understand and use the most common everyday expressions. I use the language in relation to familiar things and situations	
		2	I can understand the essential of clear language and produce simple text. I can describe experiences and events and communicate fairly fluently.……..……	
		3	I can understand a wide range of demanding texts and use the language flexibly. I master the language almost completely	
		-1	No answer	
		-2	Not applicable (OTHERLANG = -1, -2)	
		-3[20]	optional variable not in survey	
CULTPAR1 *(optional)*	num(2)		**NUMBER OF TIMES GOING TO LIVE PERFORMANCES IN THE LAST 12 MONTHS**	
		1	1 to 6 times in the last 12 months	
		2	More than 6 times in the last 12 months	
		3	Never	
		-1	No answer	
		-3	optional variable not in survey	
CULTPAR2 *(optional)*	num(2)		**NUMBER OF TIMES GOING TO THE CINEMA IN THE LAST 12 MONTHS**	
		1	1 to 6 times in the last 12 months	
		2	More than 6 times in the last 12 months	
		3	Never	
		-1	No answer	
		-3	optional variable not in survey	

[20] If OTHERLANG = -3 variable OTHERLANGLEVEL should be -3

Variable name	Format	Code	Description	Filter
CULTPAR3 *(optional)*	num(2)		**NUMBER OF VISITS TO CULTURAL SITES IN THE LAST 12 MONTHS**	
		1	1 to 6 times in the last 12 months	
		2	More than 6 times in the last 12 months	
		3	Never	
		-1	No answer	
		-3	optional variable not in survey	
CULTPAR4 *(optional)*	num(2)		**NUMBER OF TIMES ATTENDING LIVE SPORT EVENTS IN THE LAST 12 MONTHS**	
		1	1 to 6 times in the last 12 months	
		2	More than 6 times in the last 12 months	
		3	Never	
		-1	No answer	
		-3	optional variable not in survey	
CULTNEWS *(optional)*	num(2)		**READING NEWSPAPERS (PAPER OR INTERNET) IN THE LAST 12 MONTHS**	
		1	Every day or almost every day	
		2	At least once a week (but not every day)	
		3	At least once a month (but not every week)	
		4	Less than once a month	
		5	Never	
		-1	No answer	
		-3	optional variable not in survey	
CULTBOOK *(optional)*	num(2)		**READ A BOOK IN THE LAST 12 MONTHS**	
		1	Yes	
		2	No	
		-1	No answer	
		-3	optional variable not in survey	
CULTBOOK NUM *(optional)*	num(2)		**APPROXIMATE NUMBER OF BOOKS READ IN THE LAST 12 MONTHS**	
		1	Less than 5	CULTBOOK=1
		2	5 to 9	
		3	More than 10	
		-1	No answer	
		-2	Not applicable (CULTBOOK ≠1)	
		-3[21]	optional variable not in survey	
SOCIALPAR *(optional)*	num(2)		**PARTICIPATION IN ANY OF THE FOLLOWING ACTIVITIES IN THE LAST 12 MONTHS**	
		0	None of the activities below	
		1-6	Number of responses provided in the list of 6 activities below	
		-1	No answer	
		-3	optional variable not in survey	
			LIST OF ACTIVITIES (MULTIPLE RESPONSES ALLOWED)	

[21] If CULTBOOK = -3 variable CULTBOOKNUM should be -3

Variable name	Format	Code	Description	Filter
SOCIALPAR_1 (optional)	num(2)		**ACTIVITIES OF POLITICAL PARTIES OR TRADE UNIONS**	SOCIALPAR ≠ -1
		1	Selected	
		2	Not selected	
		-2	Not applicable (SOCIALPAR = -1)	
		-3[22]	optional variable not in survey	
SOCIALPAR_2 (optional)	num(2)		**ACTIVITIES OF PROFESSIONAL ASSOCIATIONS**	SOCIALPAR ≠ -1
			same codes as SOCIALPAR_1	
SOCIALPAR_3 (optional)	num(2)		**ACTIVITIES OF RECREATIONAL GROUPS OR ORGANISATIONS**	SOCIALPAR ≠ -1
			same codes as SOCIALPAR_1	
SOCIALPAR_4 (optional)	num(2)		**ACTIVITIES OF CHARITABLE ORGANISATIONS**	SOCIALPAR ≠ -1
			same codes as SOCIALPAR_1	
SOCIALPAR_5 (optional)	num(2)		**INFORMAL VOLUNTARY ACTIVITIES**	SOCIALPAR ≠ -1
			same codes as SOCIALPAR_1	
SOCIALPAR_6 (optional)	num(2)		**ACTIVITIES OF RELIGIOUS ORGANISATIONS**	SOCIALPAR ≠ -1
			same codes as SOCIALPAR_1	

The code book also include optional variables not included in the Commission Regulation, in particular

- The variable on the "theroretical full-time duration of the formal activity (see annex 1)

		THEORETICAL FULL-TIME DURATION OF THE FORMAL ACTIVITY	
FEDTHEODUR	1	Duration of less than 3 months	FEDNUM ≥ 1
(optional)	2	Duration from 3 to less than 6 months	
	3	Duration of 6 months and more	
	-1	No answer	
	-2	Not applicable (NFENUM=0)	

- The variables on the 3rd best known language (see standard questionnaire and interview guidelines)

Other variables (derived – not for interviews) will need to be defined for the module on languages, especially on: languages spoken at national level and on languages in which most education and training is offered in the country.

[22] If SOCIALPAR = -3 all variables from SOCIALPAR_1 to SOCIALPAR_6 should be -3

Annexes 3b: EURO exchange rates

The AES is to be conducted between July 2011 and June 2012. Learning activities in the sample may therefore take place between July 2010 and June 2012. The table below presents exchange rates at the end of the related quarters. It is proposed to consider a single exchange rate per country, i.e. preferably close to the middle of the reference period for learning activities.

CURRENCY/TIME	2010Q3	2010Q4	2011Q1	2011Q2	2011Q3	2011Q4	2012Q1
Bulgarian lev	1.9558	1.9558	1.9558	1.9558	1.9558	1.9558	1.9558
Czech koruna	24.600	25.061	24.543	24.345	24.754	25.787	24.730
Danish krone	7.4519	7.4535	7.4567	7.4587	7.4417	7.4342	7.4399
Pound sterling	0.85995	0.86075	0.88370	0.90255	0.86665	0.83530	0.83390
Hungarian forint	275.75	277.95	265.72	266.11	292.55	314.58	294.92
Lithuanian litas	3.4528	3.4528	3.4528	3.4528	3.4528	3.4528	3.4528
Latvian lats	0.7094	0.7094	0.7095	0.7093	0.7093	0.6995	0.7003
Polish zloty	3.9847	3.9750	4.0106	3.9903	4.4050	4.4580	4.1522
Romanian leu	4.2718	4.2620	4.1221	4.2435	4.3575	4.3233	4.3820
Swedish krona	9.1421	8.9655	8.9329	9.1739	9.2580	8.9120	8.8455
Swiss franc	1.3287	1.2504	1.3005	1.2071	1.2170	1.2156	1.2045
Icelandic krona	154.87	153.80	162.07	165.72	159.45	158.84	168.73
Norwegian krone	7.9680	7.8000	7.8330	7.7875	7.8880	7.7540	7.6040
Croatian kuna	7.30580	7.38300	7.37780	7.40180	7.49950	7.53700	7.51250
Denar (of the former Yugoslav Republic of Macedonia)	61.6363	61.5050	61.5162	61.6200	61.5040	61.4994	61.5096
Turkish lira	1.9806	2.0694	2.1947	2.3500	2.5100	2.4432	2.3774

Notes: the source is the table "**ert_bil_eur_q**" on Eurostat's website. To retrieve the data, type "ert_bil_eur_q" in the search engine at the top of the webpage http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database

Last update	*03.04.12*
Extracted on	*01.06.12*
Source of Data	*Eurostat*
OTP	*Value at the end of the period*
UNIT	*National currency (including 'euro fixed' series for euro area countries)*

Annexes 4: Checking Rules

Introduction

The checking rules are intended for the programs needed after data collection, data treatment and transmission of data to Eurostat. Other validation tools and programs will be further used to validate the data in Eurostat.

General checking rules

1. codes: if value of variable not listed in codes then error 'Invalid values in variable field'
   IF HATLEVEL NOT (in (01,11,21,22,31,32,30,40,51,52,60)) and NOT (in (-1)) ERROR: Invalid values in variable field
   IF HATYEAR NOT (between 1900 and 2012) and NOT (in (-1,-2)) ERROR: Invalid values in variable field

2. filters: if variable is -2 and filter is true then error 'Variable should not be -2', if variable not is -2 and filter is false then error 'Variable should be -2'
   IF HATFIELD = -2 and (HATLEVEL between 22 and 60) ERROR: HATFIELD should NOT be -2
   IF NOT (HATFIELD = -2) and NOT (HATLEVEL between 22 and 60) ERROR: HATFIELD should be -2

3. specific rules for NFEACTWEIGHT, FEDNUM, NFENUM
   IF NFEACTWEIGHT > 0 and FEDNUM = 0 ERROR: NFEACTWEIGHT should be 0
   IF NFEACTWEIGHT > 0 and FEDNUM > 1 ERROR: NFEACTWEIGHT should be greater than 0
   IF FEDNUM = 0 and FED = 1 ERROR: FEDNUM should be greater than 0
   IF FEDNUM > 0 and FED = 2 ERROR: FEDNUM should be 0
   IF NFENUM = 0 and (NFECOURSE = 1 or NFEWORKSHOP = 1 or NFEGUIDEDJT = 1 or NFELESSON = 1) ERROR: NFENUM should be greater than 0
   IF NFENUM > 0 and (NFECOURSE = 2 and NFEWORKSHOP = 2 and NFEGUIDEDJT = 2 and NFELESSON = 2) ERROR: NFENUM should be 0

Checking rules

Name	Condition *(IF Condition IS FALSE THEN Error/Warning)*	Severity	Error message
R001	inLookup(COUNTRY, COUNTRIES, "CODE")	Error	Invalid COUNTRY code
R002	inLookup(REGION, REGIONS, "CODE")	Error	Invalid REGION (NUTS2) code
R003	in(DEG_URB, 1, 2, 3)	Error	Invalid value (DEG_URB should be in (1,2,3))
R004	in(REFYEAR, 2011, 2012)	Error	Invalid value (REFYEAR should be in (2011))
R005	((REFMONTH >= 1) AND (REFMONTH <= 12)) OR (REFMONTH = -1)	Error	Invalid value (REFMONTH should be between (1 and 12) or in (-1))
R006	((RESPID >= 0) AND (RESPID <= 999999))	Error	Invalid value (RESPID should be between (0 and 999999))
R007	((RESPWEIGHT >= 0.001) AND (RESPWEIGHT <= 99999.999))	Error	Invalid value (RESPWEIGHT should be between (0.001 and 99999.999))
R008	((NFEACTWEIGHT >= 0.000) AND (NFEACTWEIGHT <= 99999.999))	Error	Invalid value (NFEACTWEIGHT should be between (0.000 and 99999.999))
R008FA	(NFENUM = 0) -> (NFEACTWEIGHT = 0)	Error	NFEACTWEIGHT should be 0
R008FB	(NFENUM > 1) -> (NFEACTWEIGHT > 0)	Error	NFEACTWEIGHT should be greater than 0
R009	in(INTMETHOD, 10, 11, 20, 21, 30, 31, 40, 50)	Error	Invalid value (INTMETHOD should be in (10,11,20,21,30,31,40,50))
R010	inLookup(INTLANG, LANGUAGES, "CODE")	Error	Invalid value language code for INTLANG
R011	((HHNBPERS_0_4 >= 0) AND (HHNBPERS_0_4 <= 98)) OR (HHNBPERS_0_4 = -1)	Error	Invalid value (HHNBPERS_0_4 should be between (0 and 98) or in (-1))
R012	((HHNBPERS_5_13 >= 0) AND (HHNBPERS_5_13 <= 98)) OR (HHNBPERS_5_13 = -1)	Error	Invalid value (HHNBPERS_5_13 should be between (0 and 98) or in (-1))
R013	((HHNBPERS_14_15 >= 0) AND (HHNBPERS_14_15 <= 98)) OR (HHNBPERS_14_15 = -1)	Error	Invalid value (HHNBPERS_14_15 should be between (0 and 98) or in (-1))
R014	((HHNBPERS_16_24 >= 0) AND (HHNBPERS_16_24 <= 98)) OR (HHNBPERS_16_24 = -1)	Error	Invalid value (HHNBPERS_16_24 should be between (0 and 98) or in (-1))
R015	((HHNBPERS_25_64 >= 1) AND (HHNBPERS_25_64 <= 98)) OR (HHNBPERS_25_64 = -1)	Error	Invalid value (HHNBPERS_25_64 should be between (1 and 98) or in (-1))
R016	((HHNBPERS_65plus >= 0) AND (HHNBPERS_65plus <= 98)) OR (HHNBPERS_65plus = -1)	Error	Invalid value (HHNBPERS_65plus should be between (0 and 98) or in (-1))

R017	in(HHTYPE, 10, 21, 22, 23, 24, 30) OR (HHTYPE = -1)	Error	Invalid value (HHTYPE should be in (10,21,22,23,24,30) or in (-1))
R018	((HHLABOUR_EMP >= 0) AND (HHLABOUR_EMP <= 98)) OR (HHLABOUR_EMP = -1)	Error	Invalid value (HHLABOUR_EMP should be between (0 and 98) or in (-1))
R019	((HHLABOUR_NEMP >= 0) AND (HHLABOUR_NEMP <= 98)) OR (HHLABOUR_NEMP = -1)	Error	Invalid value (HHLABOUR_NEMP should be between (0 and 98) or in (-1))
R020	in(HHINCOME, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 0) OR (HHINCOME = -1)	Error	Invalid value (HHINCOME should be in (1,2,3,4,5,6,7,8,9,10,0) or in (-1))
R021	in(SEX, 1, 2)	Error	Invalid value (SEX should be in (1,2))
R022	((BIRTHYEAR >= 1941) AND (BIRTHYEAR <= 1994))	Error	Invalid value (BIRTHYEAR should be between (1941 and 1994))
R023	((BIRTHMONTH >= 1) AND (BIRTHMONTH <= 12)) OR (BIRTHMONTH = -1)	Error	Invalid value (BIRTHMONTH should be between (1 and 12) or in (-1))
R024	(CITIZEN = "0") OR inLookup(CITIZEN, COUNTRIES, "CODE") OR (CITIZEN = "-1")	Error	Invalid value (CITIZEN should be in (0, <country code>) or in (-1))
R025	(BIRTHPLACE= "0") OR inLookup(BIRTHPLACE, COUNTRIES, "CODE") OR (BIRTHPLACE = "-1")	Error	Invalid value (BIRTHPLACE should be in (0, <country code>) or in (-1))
R026	((RESTIME >= 1) AND (RESTIME <= 11)) OR in(RESTIME, -1, -2)	Error	Invalid value (RESTIME should be between (1 and 11) or in (-1,-2))
R026FA	(NOT (BIRTHPLACE <> "0")) -> (RESTIME = -2)	Error	RESTIME should be -2
R026FB	((BIRTHPLACE <> "0")) -> (NOT (RESTIME = -2))	Error	RESTIME should NOT be -2
R027	in(MARSTALEGAL, 1, 2, 3, 4, 5) OR (MARSTALEGAL = -1)	Error	Invalid value (MARSTALEGAL should be in (1,2,3,4,5) or in (-1))
R028	in(MARSTADEFACTO, 1, 2) OR (MARSTADEFACTO = -1)	Error	Invalid value (MARSTADEFACTO should be in (1,2) or in (-1))
R029	in(HATLEVEL, 01, 11, 21, 22, 31, 32, 30, 40, 51, 52, 60) OR (HATLEVEL = -1)	Error	Invalid value (HATLEVEL should be in (01,11,21,22,31,32,30,40,51,52,60) or in (-1))
R030	((HATFIELD >= 000) AND (HATFIELD <= 999)) OR in(HATFIELD, -1, -2)	Error	Invalid value (HATFIELD should be between (000 and 999) or in (-1,-2))
R030A	in(HATFIELD, 000, 100, 200, 222, 300, 400, 420, 440, 460, 481, 482, 500, 600, 700, 800, 999) OR in(HATFIELD, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable HATFIELD
R030FA	(NOT (((HATLEVEL >= 22) AND (HATLEVEL <= 60)))) -> (HATFIELD = -2)	Error	HATFIELD should be -2
R030FB	((((HATLEVEL >= 22) AND (HATLEVEL <= 60)))) -> (NOT (HATFIELD = -2))	Error	HATFIELD should NOT be -2
R031	((HATYEAR >= 1950) AND (HATYEAR <= 2012)) OR in(HATYEAR, -1, -2)	Error	Invalid value (HATYEAR should be between (1950 and 2012) or in (-1,-2))
R031FA	(in(HATLEVEL, 01, -1)) -> ((HATYEAR = -2))	Error	HATYEAR should be -2
R031FB	(NOT in(HATLEVEL, 01, -1)) -> (NOT (HATYEAR = -2))	Error	HATYEAR should NOT be -2

R032	in(HATVOC, 1, 2) OR in(HATVOC, -1, -2, -3)	Error	Invalid value (HATVOC should be in (1,2) or in (-1,-2,-3))
R032FA	(NOT (((HATLEVEL >= 22) AND (HATLEVEL <= 40)) AND (REFYEAR - HATYEAR) <= 20)) -> (in(HATVOC, -2, -3))	Error	HATVOC should be -2 or -3
R032FB	((((HATLEVEL >= 22) AND (HATLEVEL <= 40)) AND (REFYEAR - HATYEAR) <= 20)) -> (NOT (HATVOC = -2))	Error	HATVOC should NOT be -2
R033	in(HATOTHER, 1, 2) OR in(HATOTHER, -1, -2, -3)	Error	Invalid value (HATOTHER should be in (1,2) or in (-1,-2,-3))
R033FA	(NOT (((HATLEVEL >= 22) AND (HATLEVEL <= 60)) AND (REFYEAR - HATYEAR) <= 20)) -> (in(HATOTHER, -2, -3))	Error	HATOTHER should be -2 or -3
R033FB	((((HATLEVEL >= 22) AND (HATLEVEL <= 60)) AND (REFYEAR - HATYEAR) <= 20)) -> (NOT (HATOTHER = -2))	Error	HATOTHER should NOT be -2
R034	((HATOTHER_LEVEL >= 22) AND (HATOTHER_LEVEL <= 60)) OR in(HATOTHER_LEVEL, -1, -2, -3)	Error	Invalid value (HATOTHER_LEVEL should be between (22 and 60) or in (-1,-2,-3))
R034FA	(NOT (HATOTHER = 1)) -> (in(HATOTHER_LEVEL, -2, -3))	Error	HATOTHER_LEVEL should be -2 or -3
R034FB	((HATOTHER = 1)) -> (NOT (HATOTHER_LEVEL = -2))	Error	HATOTHER_LEVEL should NOT be -2
R035	in(HATOTHER_VOC, 1, 2) OR in(HATOTHER_VOC, -1, -2, -3)	Error	Invalid value (HATOTHER_VOC should be in (1,2) or in (-1,-2,-3))
R035FA	(NOT (HATOTHER = 1 AND ((HATOTHER_LEVEL >= 22) AND (HATOTHER_LEVEL <= 40)))) -> (in(HATOTHER_VOC, -2, -3))	Error	HATOTHER_VOC should be -2 or -3
R035FB	((HATOTHER = 1 AND ((HATOTHER_LEVEL >= 22) AND (HATOTHER_LEVEL <= 40)))) -> (NOT (HATOTHER_VOC = -2))	Error	HATOTHER_VOC should NOT be -2
R036	((HATOTHER_FIELD >= 000) AND (HATOTHER_FIELD <= 800)) OR in(HATOTHER_FIELD, -1, -2, -3)	Error	Invalid value (HATOTHER_FIELD should be between (000 and 800) or in (-1,-2,-3))
R036FA	(NOT (HATOTHER = 1 AND ((HATOTHER_LEVEL >= 22) AND (HATOTHER_LEVEL <= 60)))) -> (in(HATOTHER_FIELD, -2, -3))	Error	HATOTHER_FIELD should be -2 or -3
R036FB	((HATOTHER = 1 AND ((HATOTHER_LEVEL >= 22) AND (HATOTHER_LEVEL <= 60)))) -> (NOT (HATOTHER_FIELD = -2))	Error	HATOTHER_FIELD should NOT be -2
R037	in(HATCOMP, 1, 2, 3) OR in(HATCOMP, -1, -3)	Error	Invalid value (HATCOMP should be in (1,2,3) or in (-1,-3))
R038	in(HATCOMPHIGH, 1, 2) OR in(HATCOMPHIGH, -1, -2, -3)	Error	Invalid value (HATCOMPHIGH should be in (1,2) or in (-1,-2,-3))
R038FA	(NOT(in(HATCOMP, 1, 2) AND NOT in(HATLEVEL, 01, -1))) -> (in(HATCOMPHIGH, -2, -3))	Error	HATCOMPHIGH should be -2 or -3
R038FB	((in (HATCOMP, 1, 2) AND NOT in(HATLEVEL, 01, -1))) -> (NOT (HATCOMPHIGH = -2))	Error	HATCOMPHIGH should NOT be -2
R039	in(DROPHIGH, 1, 2) OR in(DROPHIGH, -1, -2)	Error	Invalid value (DROPHIGH should be in (1,2) or in (-1,-2))
R039FA	(NOT (NOT in(HATLEVEL, 01, -1) AND (REFYEAR - HATYEAR) <= 20)) -> (DROPHIGH = -	Error	DROPHIGH should be -2

	2)		
R039FB	((NOT in(HATLEVEL, 01, -1) AND (REFYEAR - HATYEAR) <= 20)) -> (NOT (DROPHIGH = -2))	Error	DROPHIGH should NOT be -2
R040	in(DROPLEVEL,21,22,31,32,30,40,51,52,60)ORin(DROPLEVEL,-1,-2)	Error	Invalid value (DROPLEVEL should be in (21,22,31,32,30,40,51,52,60) or in (-1,-2))
R040FA	(NOT (DROPHIGH=1)) -> (DROPLEVEL = -2)	Error	DROPLEVEL should be -2
R040FB	((DROPHIGH=1)) -> (NOT (DROPLEVEL = -2))	Error	DROPLEVEL should NOT be -2
R041	in(DROPVOC, 1, 2) OR in(DROPVOC, -1, -2, -3)	Error	Invalid value (DROPVOC should be in (1,2) or in (-1,-2,-3))
R041FA	(NOT (((DROPLEVEL >= 22) AND (DROPLEVEL <= 40)) AND (REFYEAR - HATYEAR) < 20)) -> (in(DROPVOC, -2, -3))	Error	DROPVOC should be -2 or -3
R041FB	((((DROPLEVEL >= 22) AND (DROPLEVEL <= 40)) AND (REFYEAR - HATYEAR) < 20)) -> (NOT (DROPVOC = -2))	Error	DROPVOC should NOT be -2
R042	in(MAINSTAT, 11, 12, 20, 31, 32, 33, 34, 35, 36) OR (MAINSTAT = -1)	Error	Invalid value (MAINSTAT should be in (11,12,20,31,32,33,34,35,36) or in (-1))
R043	in(JOBSTAT, 11, 12, 21, 22, 30) OR in(JOBSTAT, -1, -2)	Error	Invalid value (JOBSTAT should be in (11,12,21,22,30) or in (-1,-2))
R043FA	(NOT in(MAINSTAT, 11, 12)) -> ((JOBSTAT = -2))	Error	JOBSTAT should be -2
R043FB	(in(MAINSTAT, 11, 12)) -> (NOT (JOBSTAT = -2))	Error	JOBSTAT should NOT be -2
R044	inLookup(JOBISCO, ISCO08, "CODE") OR in(JOBISCO, "-1", "-2")	Error	Invalid value (JOBISCO should be ISCO08 code or in (-1,-2))
R044FA	(NOT in(MAINSTAT, 11, 12)) -> ((JOBISCO = "-2"))	Error	JOBISCO should be -2
R044FB	(in(MAINSTAT, 11, 12)) -> (NOT (JOBISCO = "-2"))	Error	JOBISCO should NOT be -2
R045	inLookup(LOCNACE, NACE_rev2, "CODE") OR in(LOCNACE, "-1", "-2")	Error	Invalid value (LOCNACE should be NACERev2 code or in (-1,-2))
R045FA	(NOT in(MAINSTAT, 11, 12)) -> ((LOCNACE = "-2"))	Error	LOCNACE should be -2
R045FB	(in(MAINSTAT,11, 12)) -> (NOT (LOCNACE = "-2"))	Error	LOCNACE should NOT be -2
R046	in(LOCSIZEFIRM, 1, 2, 3, 4, 5, 7) OR in(LOCSIZEFIRM, -1, -2)	Error	Invalid value (LOCSIZEFIRM should be in (1,2,3,4,5,7) or in (-1,-2))
R046FA	(NOT in(JOBSTAT, 11, 21, 22, 30)) -> ((LOCSIZEFIRM = -2))	Error	LOCSIZEFIRM should be -2
R046FB	(in(JOBSTAT, 11, 21, 22, 30)) -> (NOT (LOCSIZEFIRM = -2))	Error	LOCSIZEFIRM should NOT be -2
R047	((JOBTIME >= 1950) AND (JOBTIME <= 2012)) OR in(JOBTIME, -1, -2)	Error	Invalid value (JOBTIME should be between (1950 and 2012) or in (-1,-2))
R047FA	(NOT in(MAINSTAT, 11, 12)) -> (JOBTIME = -2)	Error	JOBTIME should be -2
R047FB	(in(MAINSTAT, 11, 12)) -> (NOT (JOBTIME = -2))	Error	JOBTIME should NOT be -2
R048	in(HATFATHER, 1, 2, 3) OR (HATFATHER = -1)	Error	Invalid value (HATFATHER should be in (1,2,3) or in (-1))

R049	in(HATMOTHER, 1, 2, 3) OR (HATMOTHER = -1)	Error	Invalid value (HATMOTHER should be in (1,2,3) or in (-1))
R050	inLookup(ISCOFATHER, ISCO08_1, "CODE") OR in(ISCOFATHER, "-1", "-2", "-3")	Error	Invalid value (ISCOFATHER should be 1-digit ISCO08 code or in (-1,-2,-3))
R051	inLookup(ISCOMOTHER, ISCO08_1, "CODE") OR in(ISCOMOTHER, "-1", "-2", "-3")	Error	Invalid value (ISCOMOTHER should be 1-digit ISCO08 code or in (-1,-2,-3))
R052	in(SEEKINFO, 1, 2) OR (SEEKINFO = -1)	Error	Invalid value (SEEKINFO should be in (1,2) or in (-1))
R053	in(SEEKFOUND, 1, 2) OR in(SEEKFOUND, -1, -2)	Error	Invalid value (SEEKFOUND should be in (1,2) or in (-1,-2))
R053FA	(NOT (SEEKINFO = 1)) -> (SEEKFOUND = -2)	Error	SEEKFOUND should be -2
R053FB	((SEEKINFO = 1)) -> (NOT (SEEKFOUND = -2))	Error	SEEKFOUND should NOT be -2
R054	((SEEKSOURCE >= 0) AND (SEEKSOURCE <= 7)) OR in(SEEKSOURCE, -1, -2)	Error	Invalid value (SEEKSOURCE should be between (0 and 7) or in (-1,-2))
R054FA	(NOT (SEEKINFO = 1)) -> (SEEKSOURCE = -2)	Error	SEEKSOURCE should be -2
R054FB	((SEEKINFO = 1)) -> (NOT (SEEKSOURCE = -2))	Error	SEEKSOURCE should NOT be -2
R055	((SEEKSOURCE_1 >= 1) AND (SEEKSOURCE_1 <= 2)) OR in(SEEKSOURCE_1, -1, -2)	Error	Invalid value (SEEKSOURCE_1 should be between (1 and 2) or in (-1,-2))
R055FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_1 = -2)	Error	SEEKSOURCE_1 should be -2
R055FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_1 = -2))	Error	SEEKSOURCE_1 should NOT be -2
R056	((SEEKSOURCE_2 >= 1) AND (SEEKSOURCE_2 <= 2)) OR in(SEEKSOURCE_2, -1, -2)	Error	Invalid value (SEEKSOURCE_2 should be between (1 and 2) or in (-1,-2))
R056FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_2 = -2)	Error	SEEKSOURCE_2 should be -2
R056FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_2 = -2))	Error	SEEKSOURCE_2 should NOT be -2
R057	((SEEKSOURCE_3 >= 1) AND (SEEKSOURCE_3 <= 2)) OR in(SEEKSOURCE_3, -1, -2)	Error	Invalid value (SEEKSOURCE_3 should be between (1 and 2) or in (-1,-2))
R057FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_3 = -2)	Error	SEEKSOURCE_3 should be -2
R057FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_3 = -2))	Error	SEEKSOURCE_3 should NOT be -2
R058	((SEEKSOURCE_4 >= 1) AND (SEEKSOURCE_4 <= 2)) OR in(SEEKSOURCE_4, -1, -2)	Error	Invalid value (SEEKSOURCE_4 should be between (1 and 2) or in (-1,-2))
R058FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_4 = -2)	Error	SEEKSOURCE_4 should be -2
R058FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_4 = -2))	Error	SEEKSOURCE_4 should NOT be -2
R059	((SEEKSOURCE_5 >= 1) AND (SEEKSOURCE_5 <= 2)) OR in(SEEKSOURCE_5, -1, -2)	Error	Invalid value (SEEKSOURCE_5 should be between (1 and 2) or in (-1,-2))
R059FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_5 = -2)	Error	SEEKSOURCE_5 should be -2
R059FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_5 = -2))	Error	SEEKSOURCE_5 should NOT be -2
R060	((SEEKSOURCE_6 >= 1) AND (SEEKSOURCE_6 <= 2)) OR in(SEEKSOURCE_6, -1, -2)	Error	Invalid value (SEEKSOURCE_6 should be between (1 and 2) or in (-1,-2))

R060FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_6 = -2)	Error	SEEKSOURCE_6 should be -2
R060FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_6 = -2))	Error	SEEKSOURCE_6 should NOT be -2
R061	((SEEKSOURCE_7 >= 1) AND (SEEKSOURCE_7 <= 2)) OR in(SEEKSOURCE_7, -1, -2)	Error	Invalid value (SEEKSOURCE_7 should be between (1 and 2) or in (-1,-2))
R061FA	(NOT (SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (SEEKSOURCE_7 = -2)	Error	SEEKSOURCE_7 should be -2
R061FB	((SEEKINFO = 1 AND SEEKSOURCE <> -1)) -> (NOT (SEEKSOURCE_7 = -2))	Error	SEEKSOURCE_7 should NOT be -2
R062	in(FED, 1, 2)	Error	Invalid value (FED should be in (1,2))
R063	((FEDNUM >= 0) AND (FEDNUM <= 3))	Error	Invalid value (FEDNUM should be between (0 and 3))
R063FA	(FED = 1) -> (FEDNUM > 0)	Error	FEDNUM should be greater than 0
R063FB	(FED = 2) -> (FEDNUM = 0)	Error	FEDNUM should be 0
R064	in(FEDLEVEL, 11, 21, 22, 31, 32, 40, 51, 52, 60) OR (FEDLEVEL = -2)	Error	Invalid value (FEDLEVEL should be in (11,21,22,31,32,40,51,52,60) or in (-2))
R064FA	(NOT (FEDNUM >= 1)) -> (FEDLEVEL = -2)	Error	FEDLEVEL should be -2
R064FB	((FEDNUM >= 1)) -> (NOT (FEDLEVEL = -2))	Error	FEDLEVEL should NOT be -2
R065	((FEDFIELD >= 010) AND (FEDFIELD <= 999)) OR (FEDFIELD = -2)	Error	Invalid value (FEDFIELD should be between (010 and 999) or in (-2))
R065A	in(FEDFIELD, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(FEDFIELD, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable FEDFIELD
R065FA	(NOT (FEDNUM >= 1 AND ((FEDLEVEL >= 22) AND (FEDLEVEL <= 60)))) -> (FEDFIELD = -2)	Error	FEDFIELD should be -2
R065FB	((FEDNUM >= 1 AND ((FEDLEVEL >= 22) AND (FEDLEVEL <= 60)))) -> (NOT (FEDFIELD = -2))	Error	FEDFIELD should NOT be -2
R066	in(FEDVOC, 1, 2) OR in(FEDVOC, -1, -2)	Error	Invalid value (FEDVOC should be in (1,2) or in (-1,-2))
R066FA	(NOT (((FEDLEVEL >= 22) AND (FEDLEVEL <= 40)))) -> ((FEDVOC = -2))	Error	FEDVOC should be -2
R066FB	((((FEDLEVEL >= 22) AND (FEDLEVEL <= 40)))) -> (NOT (FEDVOC = -2))	Error	FEDVOC should NOT be -2
R067	in(FEDTHEODUR, 1, 2, 3) OR in(FEDTHEODUR, -1, -2, -3)	Error	Invalid value (FEDTHEODUR should be in (1,2,3) or in (-1,-2,-3))
R067FA	(NOT (FEDNUM >= 1)) -> (in(FEDTHEODUR, -2, -3))	Error	FEDTHEODUR should be -2 or -3
R067FB	((FEDNUM >= 1)) -> (NOT (FEDTHEODUR = -2))	Error	FEDTHEODUR should NOT be -2
R068	in(FEDMETHOD, 1, 2, 3) OR in(FEDMETHOD, -1, -2)	Error	Invalid value (FEDMETHOD should be in (1,2,3) or in (-1,-2))
R068FA	(NOT (FEDNUM >= 1)) -> (FEDMETHOD = -2)	Error	FEDMETHOD should be -2
R068FB	((FEDNUM >= 1)) -> (NOT (FEDMETHOD = -2))	Error	FEDMETHOD should NOT be -2
R069	((FEDREASON >= 0) AND (FEDREASON <= 9)) OR in(FEDREASON, -1, -2)	Error	Invalid value (FEDREASON should be between (0 and 9) or in (-1,-2))
R069FA	(NOT (FEDNUM >= 1)) -> ((FEDREASON = -2))	Error	FEDREASON should be -2

R069FB	((FEDNUM >= 1)) -> (NOT (FEDREASON = -2))	Error	FEDREASON should NOT be -2
R070	((FEDREASON_01 >= 1) AND (FEDREASON_01 <= 2)) OR (FEDREASON_01 = -2)	Error	Invalid value (FEDREASON_01 should be between (1 and 2) or in (-2))
R070FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_01 = -2))	Error	FEDREASON_01 should be -2
R070FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_01 = -2))	Error	FEDREASON_01 should NOT be -2
R071	((FEDREASON_02 >= 1) AND (FEDREASON_02 <= 2)) OR (FEDREASON_02 = -2)	Error	Invalid value (FEDREASON_02 should be between (1 and 2) or in (-2))
R071FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_02 = -2))	Error	FEDREASON_02 should be -2
R071FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_02 = -2))	Error	FEDREASON_02 should NOT be -2
R072	((FEDREASON_03 >= 1) AND (FEDREASON_03 <= 2)) OR (FEDREASON_03 = -2)	Error	Invalid value (FEDREASON_03 should be between (1 and 2) or in (-2))
R072FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_03 = -2))	Error	FEDREASON_03 should be -2
R072FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_03 = -2))	Error	FEDREASON_03 should NOT be -2
R073	((FEDREASON_04 >= 1) AND (FEDREASON_04 <= 2)) OR (FEDREASON_04 = -2)	Error	Invalid value (FEDREASON_04 should be between (1 and 2) or in (-2))
R073FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_04 = -2))	Error	FEDREASON_04 should be -2
R073FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_04 = -2))	Error	FEDREASON_04 should NOT be -2
R074	((FEDREASON_05 >= 1) AND (FEDREASON_05 <= 2)) OR (FEDREASON_05 = -2)	Error	Invalid value (FEDREASON_05 should be between (1 and 2) or in (-2))
R074FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_05 = -2))	Error	FEDREASON_05 should be -2
R074FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_05 = -2))	Error	FEDREASON_05 should NOT be -2
R075	((FEDREASON_06 >= 1) AND (FEDREASON_06 <= 2)) OR (FEDREASON_06 = -2)	Error	Invalid value (FEDREASON_06 should be between (1 and 2) or in (-2))
R075FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_06 = -2))	Error	FEDREASON_06 should be -2
R075FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_06 = -2))	Error	FEDREASON_06 should NOT be -2
R076	((FEDREASON_07 >= 1) AND (FEDREASON_07 <= 2)) OR (FEDREASON_07 = -2)	Error	Invalid value (FEDREASON_07 should be between (1 and 2) or in (-2))
R076FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_07 = -2))	Error	FEDREASON_07 should be -2
R076FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_07 = -2))	Error	FEDREASON_07 should NOT be -2
R077	((FEDREASON_08 >= 1) AND (FEDREASON_08 <= 2)) OR (FEDREASON_08 = -2)	Error	Invalid value (FEDREASON_08 should be between (1 and 2) or in (-2))
R077FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_08 = -2))	Error	FEDREASON_08 should be -2
R077FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_08 = -2))	Error	FEDREASON_08 should NOT be -2
R078	((FEDREASON_09 >= 1) AND (FEDREASON_09 <= 2)) OR (FEDREASON_09 = -2)	Error	Invalid value (FEDREASON_09 should be between (1 and 2) or in (-2))
R078FA	(NOT (FEDNUM >= 1 AND FEDREASON <> -1)) -> ((FEDREASON_09 = -2))	Error	FEDREASON_09 should be -2
R078FB	((FEDNUM >= 1 AND FEDREASON <> -1)) -> (NOT (FEDREASON_09 = -2))	Error	FEDREASON_09 should NOT be -2

R079	in(FEDWORKTIME, 1, 2, 3, 4, 5) OR in(FEDWORKTIME, -1, -2)	Error	Invalid value (FEDWORKTIME should be in (1,2,3,4,5) or in (-1,-2))
R079FA	(NOT (FEDNUM >= 1)) -> ((FEDWORKTIME = -2))	Error	FEDWORKTIME should be -2
R079FB	((FEDNUM >= 1)) -> (NOT (FEDWORKTIME = -2))	Error	FEDWORKTIME should NOT be -2
R080	((FEDNBHOURS >= 0) AND (FEDNBHOURS <= 9999)) OR in(FEDNBHOURS, -1, -2)	Error	Invalid value (FEDNBHOURS should be between (0 and 9999) or in (-1,-2))
R080FA	(NOT (FEDNUM >= 1)) -> ((FEDNBHOURS = -2))	Error	FEDNBHOURS should be -2
R080FB	((FEDNUM >= 1)) -> (NOT (FEDNBHOURS = -2))	Error	FEDNBHOURS should NOT be -2
R081	((FEDNBWEEKS >= 1) AND (FEDNBWEEKS <= 52)) OR in(FEDNBWEEKS, -1, -2, -3)	Error	Invalid value (FEDNBWEEKS should be between (1 and 52) or in (-1,-2,-3))
R081FA	(NOT (FEDNUM >= 1)) -> (in(FEDNBWEEKS, -2, -3))	Error	FEDNBWEEKS should be -2 or -3
R081FB	((FEDNUM >= 1)) -> (NOT (FEDNBWEEKS = -2))	Error	FEDNBWEEKS should NOT be -2
R082	((FEDDURPERWEEK >= 1) AND (FEDDURPERWEEK <= 98)) OR in(FEDDURPERWEEK, -1, -2, -3)	Error	Invalid value (FEDDURPERWEEK should be between (1 and 98) or in (-1,-2,-3))
R082FA	(NOT (FEDNUM >= 1)) -> (in(FEDDURPERWEEK,-2,-3))	Error	FEDDURPERWEEK should be -2 or -3
R082FB	((FEDNUM >= 1)) -> (NOT (FEDDURPERWEEK = -2))	Error	FEDDURPERWEEK should NOT be -2
R083	((FEDPAIDBY >= 0) AND (FEDPAIDBY <= 5)) OR in(FEDPAIDBY, -1, -2)	Error	Invalid value (FEDPAIDBY should be between (0 and 5) or in (-1,-2))
R083FA	(NOT (FEDNUM >= 1)) -> ((FEDPAIDBY = -2))	Error	FEDPAIDBY should be -2
R083FB	((FEDNUM >= 1)) -> (NOT (FEDPAIDBY = -2))	Error	FEDPAIDBY should NOT be -2
R084	((FEDPAIDBY_1 >= 1) AND (FEDPAIDBY_1 <= 2)) OR (FEDPAIDBY_1 = -2)	Error	Invalid value (FEDPAIDBY_1 should be between (1 and 2) or in (-2))
R084FA	(NOT (FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> ((FEDPAIDBY_1 = -2))	Error	FEDPAIDBY_1 should be -2
R084FB	((FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (NOT (FEDPAIDBY_1 = -2))	Error	FEDPAIDBY_1 should NOT be -2
R085	((FEDPAIDBY_2 >= 1) AND (FEDPAIDBY_2 <= 2)) OR (FEDPAIDBY_2 = -2)	Error	Invalid value (FEDPAIDBY_2 should be between (1 and 2) or in (-2))
R085FA	(NOT (FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> ((FEDPAIDBY_2 = -2))	Error	FEDPAIDBY_2 should be -2
R085FB	((FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (NOT (FEDPAIDBY_2 = -2))	Error	FEDPAIDBY_2 should NOT be -2
R086	((FEDPAIDBY_3 >= 1) AND (FEDPAIDBY_3 <= 2)) OR (FEDPAIDBY_3 = -2)	Error	Invalid value (FEDPAIDBY_3 should be between (1 and 2) or in (-2))
R086FA	(NOT (FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (FEDPAIDBY_3 = -2)	Error	FEDPAIDBY_3 should be -2
R086FB	((FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (NOT (FEDPAIDBY_3 = -2))	Error	FEDPAIDBY_3 should NOT be -2
R087	((FEDPAIDBY_4 >= 1) AND (FEDPAIDBY_4 <= 2)) OR (FEDPAIDBY_4 = -2)	Error	Invalid value (FEDPAIDBY_4 should be between (1 and 2) or in (-2))
R087FA	(NOT (FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (FEDPAIDBY_4 = -2)	Error	FEDPAIDBY_4 should be -2
R087FB	((FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (NOT (FEDPAIDBY_4 = -2))	Error	FEDPAIDBY_4 should NOT be -2

R088	((FEDPAIDBY_5 >= 1) AND (FEDPAIDBY_5 <= 2)) OR (FEDPAIDBY_5 = -2)	Error	Invalid value (FEDPAIDBY_5 should be between (1 and 2) or in (-2))
R088FA	(NOT (FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (FEDPAIDBY_5 = -2)	Error	FEDPAIDBY_5 should be -2
R088FB	((FEDNUM >= 1 AND FEDPAIDBY <> -1)) -> (NOT (FEDPAIDBY_5 = -2))	Error	FEDPAIDBY_5 should NOT be -2
R089	in(FEDPAIDFULL, 1, 2) OR in(FEDPAIDFULL, -1, -2, -3)	Error	Invalid value (FEDPAIDFULL should be in (1,2) or in (-1,-2,-3))
R089FA	(NOT (FEDPAIDBY >= 1)) -> (in(FEDPAIDFULL, -2, -3))	Error	FEDPAIDFULL should be -2 or -3
R089FB	((FEDPAIDBY >= 1)) -> (NOT (FEDPAIDFULL = -2))	Error	FEDPAIDFULL should NOT be -2
R090	((FEDPAIDVAL >= 0) AND (FEDPAIDVAL <= 99999999)) OR in(FEDPAIDVAL, -1, -2)	Error	Invalid value (FEDPAIDVAL should be between (0 and 99999999) or in (-1,-2))
R091	in(FEDUSE, 1, 2, 3, 4) OR in(FEDUSE, -1, -2)	Error	Invalid value (FEDUSE should be in (1,2,3,4) or in (-1,-2))
R091FA	(NOT (FEDNUM >= 1)) -> (FEDUSE = -2)	Error	FEDUSE should be -2
R091FB	((FEDNUM >= 1)) -> (NOT (FEDUSE = -2))	Error	FEDUSE should NOT be -2
R092	in(FEDSAT, 1, 2) OR in(FEDSAT, -1, -2, -3)	Error	Invalid value (FEDSAT should be in (1,2) or in (-1,-2,-3))
R092FA	(NOT (FEDNUM >= 1)) -> (in(FEDSAT, -2, -3))	Error	FEDSAT should be -2 or -3
R092FB	((FEDNUM >= 1)) -> (NOT (FEDSAT = -2))	Error	FEDSAT should NOT be -2
R093	((FEDUNSATREASON >= 0) AND (FEDUNSATREASON <= 5)) OR in(FEDUNSATREASON, -1, -2, -3)	Error	Invalid value (FEDUNSATREASON should be between (0 and 5) or in (-1,-2,-3))
R093FA	(NOT (FEDSAT = 2)) -> (in(FEDUNSATREASON, -2, -3))	Error	FEDUNSATREASON should be -2 or -3
R093FB	((FEDSAT = 2)) -> (NOT (FEDUNSATREASON = -2))	Error	FEDUNSATREASON should NOT be -2
R094	((FEDUNSATREASON_1 >= 1) AND (FEDUNSATREASON_1 <= 2)) OR in(FEDUNSATREASON_1, -2, -3)	Error	Invalid value (FEDUNSATREASON_1 should be between (1 and 2) or in (-2,-3))
R094FA	(NOT (FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (in(FEDUNSATREASON_1, -2, -3))	Error	FEDUNSATREASON_1 should be -2 or -3
R094FB	((FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (NOT (FEDUNSATREASON_1 = -2))	Error	FEDUNSATREASON_1 should NOT be -2
R095	((FEDUNSATREASON_2 >= 1) AND (FEDUNSATREASON_2 <= 2)) OR in(FEDUNSATREASON_2, -2, -3)	Error	Invalid value (FEDUNSATREASON_2 should be between (1 and 2) or in (-2,-3))
R095FA	(NOT (FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (in(FEDUNSATREASON_2, -2, -3))	Error	FEDUNSATREASON_2 should be -2 or -3
R095FB	((FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (NOT (FEDUNSATREASON_2 = -2))	Error	FEDUNSATREASON_2 should NOT be -2
R096	((FEDUNSATREASON_3 >= 1) AND (FEDUNSATREASON_3 <= 2)) OR	Error	Invalid value (FEDUNSATREASON_3

	in(FEDUNSATREASON_3, -2, -3)		should be between (1 and 2) or in (-2,-3))
R096FA	(NOT (FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (in(FEDUNSATREASON_3, -2, -3))	Error	FEDUNSATREASON_3 should be -2 or -3
R096FB	((FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (NOT (FEDUNSATREASON_3 = -2))	Error	FEDUNSATREASON_3 should NOT be -2
R097	((FEDUNSATREASON_4 >= 1) AND (FEDUNSATREASON_4 <= 2)) OR in(FEDUNSATREASON_4, -2, -3)	Error	Invalid value (FEDUNSATREASON_4 should be between (1 and 2) or in (-2,-3))
R097FA	(NOT (FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (in(FEDUNSATREASON_4, -2, -3))	Error	FEDUNSATREASON_4 should be -2 or -3
R097FB	((FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (NOT (FEDUNSATREASON_4 = -2))	Error	FEDUNSATREASON_4 should NOT be -2
R098	((FEDUNSATREASON_5 >= 1) AND (FEDUNSATREASON_5 <= 2)) OR in(FEDUNSATREASON_5, -2, -3)	Error	Invalid value (FEDUNSATREASON_5 should be between (1 and 2) or in (-2,-3))
R098FA	(NOT (FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (in(FEDUNSATREASON_5, -2, -3))	Error	FEDUNSATREASON_5 should be -2 or -3
R098FB	((FEDSAT = 2 AND FEDUNSATREASON <> -1)) -> (NOT (FEDUNSATREASON_5 = -2))	Error	FEDUNSATREASON_5 should NOT be -2
R099	((FEDOUTCOME >= 0) AND (FEDOUTCOME <= 8)) OR in(FEDOUTCOME, -1, -2)	Error	Invalid value (FEDOUTCOME should be between (0 and 8) or in (-1,-2))
R099FA	(NOT (FEDNUM >= 1)) -> ((FEDOUTCOME = -2))	Error	FEDOUTCOME should be -2
R099FB	((FEDNUM >= 1)) -> (NOT (FEDOUTCOME = -2))	Error	FEDOUTCOME should NOT be -2
R100	((FEDOUTCOME_1 >= 1) AND (FEDOUTCOME_1 <= 2)) OR (FEDOUTCOME_1 = -2)	Error	Invalid value (FEDOUTCOME_1 should be between (1 and 2) or in (-2))
R100FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> ((FEDOUTCOME_1 = -2))	Error	FEDOUTCOME_1 should be -2
R100FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (NOT (FEDOUTCOME_1 = -2))	Error	FEDOUTCOME_1 should NOT be -2
R101	((FEDOUTCOME_2 >= 1) AND (FEDOUTCOME_2 <= 2)) OR (FEDOUTCOME_2 = -2)	Error	Invalid value (FEDOUTCOME_2 should be between (1 and 2) or in (-2))
R101FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> ((FEDOUTCOME_2 = -2))	Error	FEDOUTCOME_2 should be -2
R101FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> (NOT (FEDOUTCOME_2 = -2))	Error	FEDOUTCOME_2 should NOT be -2
R102	((FEDOUTCOME_3 >= 1) AND (FEDOUTCOME_3 <= 2)) OR (FEDOUTCOME_3 = -2)	Error	Invalid value (FEDOUTCOME_3 should be between (1 and 2) or in (-2))
R102FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> ((FEDOUTCOME_3 = -2))	Error	FEDOUTCOME_3 should be -2
R102FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> (NOT	Error	FEDOUTCOME_3 should NOT be -2

	(FEDOUTCOME_3 = -2))		
R103	((FEDOUTCOME_4 >= 1) AND (FEDOUTCOME_4 <= 2)) OR (FEDOUTCOME_4 = -2)	Error	Invalid value (FEDOUTCOME_4 should be between (1 and 2) or in (-2))
R103FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> ((FEDOUTCOME_4 = -2))	Error	FEDOUTCOME_4 should be -2
R103FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> (NOT (FEDOUTCOME_4 = -2))	Error	FEDOUTCOME_4 should NOT be -2
R104	((FEDOUTCOME_5 >= 1) AND (FEDOUTCOME_5 <= 2)) OR (FEDOUTCOME_5 = -2)	Error	Invalid value (FEDOUTCOME_5 should be between (1 and 2) or in (-2))
R104FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> ((FEDOUTCOME_5 = -2))	Error	FEDOUTCOME_5 should be -2
R104FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1 AND in(FEDWORKTIME, 1, 2, 3, 4))) -> (NOT (FEDOUTCOME_5 = -2))	Error	FEDOUTCOME_5 should NOT be -2
R105	((FEDOUTCOME_6 >= 1) AND (FEDOUTCOME_6 <= 2)) OR (FEDOUTCOME_6 = -2)	Error	Invalid value (FEDOUTCOME_6 should be between (1 and 2) or in (-2))
R105FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (FEDOUTCOME_6 = -2)	Error	FEDOUTCOME_6 should be -2
R105FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (NOT (FEDOUTCOME_6 = -2))	Error	FEDOUTCOME_6 should NOT be -2
R106	((FEDOUTCOME_7 >= 1) AND (FEDOUTCOME_7 <= 2)) OR (FEDOUTCOME_7 = -2)	Error	Invalid value (FEDOUTCOME_7 should be between (1 and 2) or in (-2))
R106FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (FEDOUTCOME_7 = -2)	Error	FEDOUTCOME_7 should be -2
R106FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (NOT (FEDOUTCOME_7 = -2))	Error	FEDOUTCOME_7 should NOT be -2
R107	((FEDOUTCOME_8 >= 1) AND (FEDOUTCOME_8 <= 2)) OR (FEDOUTCOME_8 = -2)	Error	Invalid value (FEDOUTCOME_8 should be between (1 and 2) or in (-2))
R107FA	(NOT (FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> ((FEDOUTCOME_8 = -2))	Error	FEDOUTCOME_8 should be -2
R107FB	((FEDNUM >= 1 AND FEDOUTCOME <> -1)) -> (NOT (FEDOUTCOME_8 = -2))	Error	FEDOUTCOME_8 should NOT be -2
R108	in(NFECOURSE, 1, 2)	Error	Invalid value (NFECOURSE should be in (1,2))
R109	in(NFEWORKSHOP, 1, 2)	Error	Invalid value (NFEWORKSHOP should be in (1,2))
R110	in(NFEGUIDEDJT, 1, 2)	Error	Invalid value (NFEGUIDEDJT should be in (1,2))
R111	in(NFELESSON, 1, 2)	Error	Invalid value (NFELESSON should be in (1,2))
R112	((NFENUM >= 0) AND (NFENUM <= 98))	Error	Invalid value (NFENUM should be between (0 and 98))
R112FA	((NFECOURSE = 1 OR NFEWORKSHOP = 1 OR NFEGUIDEDJT = 1 OR NFELESSON = 1)) -> (NFENUM > 0)	Error	NFENUM should be greater than 0
R112FB	((NFECOURSE = 2 AND NFEWORKSHOP = 2 AND NFEGUIDEDJT = 2 AND NFELESSON = 2)) -> (NFENUM = 0)	Error	NFENUM should be 0

R113	in(NFEACT01_TYPE, 1, 2, 3, 4) OR in(NFEACT01_TYPE, -1, -2)	Error	Invalid value (NFEACT01_TYPE should be in (1,2,3,4) or in (-1,-2))
R113FA	(NOT (NFENUM >= 1)) -> (NFEACT01_TYPE = -2)	Error	NFEACT01_TYPE should be -2
R113FB	((NFENUM >= 1)) -> (NOT (NFEACT01_TYPE = -2))	Error	NFEACT01_TYPE should NOT be -2
R114	in(NFEACT02_TYPE, 1, 2, 3, 4) OR in(NFEACT02_TYPE, -1, -2)	Error	Invalid value (NFEACT02_TYPE should be in (1,2,3,4) or in (-1,-2))
R114FA	(NOT (NFENUM >= 2)) -> (NFEACT02_TYPE = -2)	Error	NFEACT02_TYPE should be -2
R114FB	((NFENUM >= 2)) -> (NOT (NFEACT02_TYPE = -2))	Error	NFEACT02_TYPE should NOT be -2
R115	in(NFEACT03_TYPE, 1, 2, 3, 4) OR in(NFEACT03_TYPE, -1, -2)	Error	Invalid value (NFEACT03_TYPE should be in (1,2,3,4) or in (-1,-2))
R115FA	(NOT (NFENUM >= 3)) -> (NFEACT03_TYPE = -2)	Error	NFEACT03_TYPE should be -2
R115FB	((NFENUM >= 3)) -> (NOT (NFEACT03_TYPE = -2))	Error	NFEACT03_TYPE should NOT be -2
R116	in(NFEACT04_TYPE, 1, 2, 3, 4) OR in(NFEACT04_TYPE, -1, -2)	Error	Invalid value (NFEACT04_TYPE should be in (1,2,3,4) or in (-1,-2))
R116FA	(NOT (NFENUM >= 4)) -> (NFEACT04_TYPE = -2)	Error	NFEACT04_TYPE should be -2
R116FB	((NFENUM >= 4)) -> (NOT (NFEACT04_TYPE = -2))	Error	NFEACT04_TYPE should NOT be -2
R117	in(NFEACT05_TYPE, 1, 2, 3, 4) OR in(NFEACT05_TYPE, -1, -2)	Error	Invalid value (NFEACT05_TYPE should be in (1,2,3,4) or in (-1,-2))
R117FA	(NOT (NFENUM >= 5)) -> (NFEACT05_TYPE = -2)	Error	NFEACT05_TYPE should be -2
R117FB	((NFENUM >= 5)) -> (NOT (NFEACT05_TYPE = -2))	Error	NFEACT05_TYPE should NOT be -2
R118	in(NFEACT06_TYPE, 1, 2, 3, 4) OR in(NFEACT06_TYPE, -1, -2)	Error	Invalid value (NFEACT06_TYPE should be in (1,2,3,4) or in (-1,-2))
R118FA	(NOT (NFENUM >= 6)) -> (NFEACT06_TYPE = -2)	Error	NFEACT06_TYPE should be -2
R118FB	((NFENUM >= 6)) -> (NOT (NFEACT06_TYPE = -2))	Error	NFEACT06_TYPE should NOT be -2
R119	in(NFEACT07_TYPE, 1, 2, 3, 4) OR in(NFEACT07_TYPE, -1, -2)	Error	Invalid value (NFEACT07_TYPE should be in (1,2,3,4) or in (-1,-2))
R119FA	(NOT (NFENUM >= 7)) -> (NFEACT07_TYPE = -2)	Error	NFEACT07_TYPE should be -2
R119FB	((NFENUM >= 7)) -> (NOT (NFEACT07_TYPE = -2))	Error	NFEACT07_TYPE should NOT be -2
R120	in(NFEACT08_TYPE, 1, 2, 3, 4) OR in(NFEACT08_TYPE, -1, -2)	Error	Invalid value (NFEACT08_TYPE should be in (1,2,3,4) or in (-1,-2))
R120FA	(NOT (NFENUM >= 8)) -> (NFEACT08_TYPE = -2)	Error	NFEACT08_TYPE should be -2
R120FB	((NFENUM >= 8)) -> (NOT (NFEACT08_TYPE = -2))	Error	NFEACT08_TYPE should NOT be -2
R121	in(NFEACT09_TYPE, 1, 2, 3, 4) OR in(NFEACT09_TYPE, -1, -2)	Error	Invalid value (NFEACT09_TYPE should be in (1,2,3,4) or in (-1,-2))
R121FA	(NOT (NFENUM >= 9)) -> (NFEACT09_TYPE = -2)	Error	NFEACT09_TYPE should be -2
R121FB	((NFENUM >= 9)) -> (NOT (NFEACT09_TYPE = -2))	Error	NFEACT09_TYPE should NOT be -2
R122	in(NFEACT10_TYPE, 1, 2, 3, 4) OR in(NFEACT10_TYPE, -1, -2)	Error	Invalid value (NFEACT10_TYPE should

			be in (1,2,3,4) or in (-1,-2))
R122FA	(NOT (NFENUM >= 10)) -> (NFEACT10_TYPE = -2)	Error	NFEACT10_TYPE should be -2
R122FB	((NFENUM >= 10)) -> (NOT (NFEACT10_TYPE = -2))	Error	NFEACT10_TYPE should NOT be -2
R123	in(NFEPURP10, 1, 2) OR (NFEPURP10 = -2)	Error	Invalid value (NFEPURP10 should be in (1,2) or in (-2))
R123FA	(NOT (NFENUM >= 1)) -> (NFEPURP10 = -2)	Error	NFEPURP10 should be -2
R123FB	((NFENUM >= 1)) -> (NOT (NFEPURP10 = -2))	Error	NFEPURP10 should NOT be -2
R124	in(NFEWORKTIME10, 1, 2) OR (NFEWORKTIME10 = -2)	Error	Invalid value (NFEWORKTIME10 should be in (1,2) or in (-2))
R124FA	(NOT (NFENUM >= 1)) -> (NFEWORKTIME10 = -2)	Error	NFEWORKTIME10 should be -2
R124FB	((NFENUM >= 1)) -> (NOT (NFEWORKTIME10 = -2))	Error	NFEWORKTIME10 should NOT be -2
R125	in(NFEPAIDBY10, 1, 2) OR (NFEPAIDBY10 = -2)	Error	Invalid value (NFEPAIDBY10 should be in (1,2) or in (-2))
R125FA	(NOT (NFENUM >= 1)) -> (NFEPAIDBY10 = -2)	Error	NFEPAIDBY10 should be -2
R125FB	((NFENUM >= 1)) -> (NOT (NFEPAIDBY10 = -2))	Error	NFEPAIDBY10 should NOT be -2
R126	((NFERAND1 >= 1) AND (NFERAND1 <= 10)) OR in(NFERAND1, -1, -2)	Error	Invalid value (NFERAND1 should be between (1 and 10) or in (-1,-2))
R126FA	(NOT (NFENUM >= 1)) -> (NFERAND1 = -2)	Error	NFERAND1 should be -2
R126FB	((NFENUM >= 1)) -> (NOT (NFERAND1 = -2))	Error	NFERAND1 should NOT be -2
R127	in(NFERAND1_TYPE, 1, 2, 3, 4) OR in(NFERAND1_TYPE, -1, -2)	Error	Invalid value (NFERAND1_TYPE should be in (1,2,3,4) or in (-1,-2))
R127FA	(NOT (NFENUM >= 1)) -> (NFERAND1_TYPE = -2)	Error	NFERAND1_TYPE should be -2
R127FB	((NFENUM >= 1)) -> (NOT (NFERAND1_TYPE = -2))	Error	NFERAND1_TYPE should NOT be -2
R128	in(NFEPURP1, 1, 2) OR in(NFEPURP1, -1, -2)	Error	Invalid value (NFEPURP1 should be in (1,2) or in (-1,-2))
R128FA	(NOT (NFERAND1 <> -2)) -> (NFEPURP1 = -2)	Error	NFEPURP1 should be -2
R128FB	((NFERAND1 <> -2)) -> (NOT (NFEPURP1 = -2))	Error	NFEPURP1 should NOT be -2
R129	((NFEFIELD1 >= 010) AND (NFEFIELD1 <= 999)) OR in(NFEFIELD1, -1, -2)	Error	Invalid value (NFEFIELD1 should be between (010 and 999) or in (-2))
R129A	in(NFEFIELD1, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(NFEFIELD1, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable NFEFIELD1
R129FA	(NOT (NFERAND1 <> -2)) -> (NFEFIELD1 = -2)	Error	NFEFIELD1 should be -2
R129FB	((NFERAND1 <> -2)) -> (NOT (NFEFIELD1 = -2))	Error	NFEFIELD1 should NOT be -2
R130	in(NFEMETHOD1, 1, 2, 3) OR in(NFEMETHOD1, -1, -2)	Error	Invalid value (NFEMETHOD1 should be in (1,2,3) or in (-1,-2))
R130FA	(NOT (NFERAND1 <> -2 AND NOT in(NFERAND1_TYPE, 2, 3))) -> (NFEMETHOD1 = -2)	Error	NFEMETHOD1 should be -2

R130FB	((NFERAND1 <> -2 AND NOT in(NFERAND1_TYPE, 2, 3))) -> (NOT (NFEMETHOD1 = -2))	Error	NFEMETHOD1 should NOT be -2
R131	((NFEREASON1 >= 0) AND (NFEREASON1 <= 9)) OR in(NFEREASON1, -1, -2)	Error	Invalid value (NFEREASON1 should be between (0 and 9) or in (-1,-2))
R131FA	(NOT (NFERAND1 <> -2)) -> (NFEREASON1 = -2)	Error	NFEREASON1 should be -2
R131FB	((NFERAND1 <> -2)) -> (NOT (NFEREASON1 = -2))	Error	NFEREASON1 should NOT be -2
R132	((NFEREASON1_01 >= 1) AND (NFEREASON1_01 <= 2)) OR (NFEREASON1_01 = -2)	Error	Invalid value (NFEREASON1_01 should be between (1 and 2) or in (-2))
R132FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_01 = -2)	Error	NFEREASON1_01 should be -2
R132FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_01 = -2))	Error	NFEREASON1_01 should NOT be -2
R133	((NFEREASON1_02 >= 1) AND (NFEREASON1_02 <= 2)) OR (NFEREASON1_02 = -2)	Error	Invalid value (NFEREASON1_02 should be between (1 and 2) or in (-2))
R133FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_02 = -2)	Error	NFEREASON1_02 should be -2
R133FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_02 = -2))	Error	NFEREASON1_02 should NOT be -2
R134	((NFEREASON1_03 >= 1) AND (NFEREASON1_03 <= 2)) OR (NFEREASON1_03 = -2)	Error	Invalid value (NFEREASON1_03 should be between (1 and 2) or in (-2))
R134FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_03 = -2)	Error	NFEREASON1_03 should be -2
R134FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_03 = -2))	Error	NFEREASON1_03 should NOT be -2
R135	((NFEREASON1_04 >= 1) AND (NFEREASON1_04 <= 2)) OR (NFEREASON1_04 = -2)	Error	Invalid value (NFEREASON1_04 should be between (1 and 2) or in (-2))
R135FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_04 = -2)	Error	NFEREASON1_04 should be -2
R135FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_04 = -2))	Error	NFEREASON1_04 should NOT be -2
R136	((NFEREASON1_05 >= 1) AND (NFEREASON1_05 <= 2)) OR (NFEREASON1_05 = -2)	Error	Invalid value (NFEREASON1_05 should be between (1 and 2) or in (-2))
R136FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_05 = -2)	Error	NFEREASON1_05 should be -2
R136FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_05 = -2))	Error	NFEREASON1_05 should NOT be -2
R137	((NFEREASON1_06 >= 1) AND (NFEREASON1_06 <= 2)) OR (NFEREASON1_06 = -2)	Error	Invalid value (NFEREASON1_06 should be between (1 and 2) or in (-2))
R137FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_06 = -2)	Error	NFEREASON1_06 should be -2
R137FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_06 = -2))	Error	NFEREASON1_06 should NOT be -2
R138	((NFEREASON1_07 >= 1) AND (NFEREASON1_07 <= 2)) OR (NFEREASON1_07 = -2)	Error	Invalid value (NFEREASON1_07 should be between (1 and 2) or in (-2))
R138FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_07 = -2)	Error	NFEREASON1_07 should be -2
R138FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_07 = -2))	Error	NFEREASON1_07 should NOT be -2
R139	((NFEREASON1_08 >= 1) AND (NFEREASON1_08 <= 2)) OR (NFEREASON1_08 = -2)	Error	Invalid value (NFEREASON1_08 should be between (1 and 2) or in (-2))
R139FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_08 = -2)	Error	NFEREASON1_08 should be -2
R139FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_08 = -2))	Error	NFEREASON1_08 should NOT be -2

R140	((NFEREASON1_09 >= 1) AND (NFEREASON1_09 <= 2)) OR (NFEREASON1_09 = -2)	Error	Invalid value (NFEREASON1_09 should be between (1 and 2) or in (-2))
R140FA	(NOT (NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NFEREASON1_09 = -2)	Error	NFEREASON1_09 should be -2
R140FB	((NFERAND1 <> -2 AND NFEREASON1 <> -1)) -> (NOT (NFEREASON1_09 = -2))	Error	NFEREASON1_09 should NOT be -2
R141	in(NFEWORKTIME1, 1, 2, 3, 4, 5) OR in(NFEWORKTIME1, -1, -2)	Error	Invalid value (NFEWORKTIME1 should be in (1,2,3,4,5) or in (-1,-2))
R141FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3)) -> (NFEWORKTIME1 = -2)	Error	NFEWORKTIME1 should be -2
R141FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3)) -> (NOT (NFEWORKTIME1 = -2))	Error	NFEWORKTIME1 should NOT be -2
R142	((NFENBHOURS1 >= 0) AND (NFENBHOURS1 <= 9999)) OR in(NFENBHOURS1, -1, -2)	Error	Invalid value (NFENBHOURS1 should be between (0 and 9999) or in (-1,-2))
R142FA	(NOT (NFERAND1 <> -2)) -> (NFENBHOURS1 = -2)	Error	NFENBHOURS1 should be -2
R142FB	((NFERAND1 <> -2)) -> (NOT (NFENBHOURS1 = -2))	Error	NFENBHOURS1 should NOT be -2
R143	((NFENBWEEKS1 >= 1) AND (NFENBWEEKS1 <= 52)) OR in(NFENBWEEKS1, -1, -2, -3)	Error	Invalid value (NFENBWEEKS1 should be between (1 and 52) or in (-1,-2,-3))
R143FA	(NOT (NFERAND1 <> -2)) -> (in(NFENBWEEKS1, -2, -3))	Error	NFENBWEEKS1 should be -2 or -3
R143FB	((NFERAND1 <> -2)) -> (NOT (NFENBWEEKS1 = -2))	Error	NFENBWEEKS1 should NOT be -2
R144	((NFEDURPERWEEK1 >= 1) AND (NFEDURPERWEEK1 <= 98)) OR in(NFEDURPERWEEK1, -1, -2, -3)	Error	Invalid value (NFEDURPERWEEK1 should be between (1 and 98) or in (-1,-2,-3))
R144FA	(NOT (NFERAND1 <> -2)) -> (in(NFEDURPERWEEK1, -2, -3))	Error	NFEDURPERWEEK1 should be -2 or -3
R144FB	((NFERAND1 <> -2)) -> (NOT (NFEDURPERWEEK1 = -2))	Error	NFEDURPERWEEK1 should NOT be -2
R145	in(NFEPROVIDER1, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) OR in(NFEPROVIDER1, -1, -2)	Error	Invalid value (NFEPROVIDER1 should be in (1,2,3,4,5,6,7,8,9,10) or in (-1,-2))
R145FA	(NOT (NFERAND1 <> -2)) -> (NFEPROVIDER1 = -2)	Error	NFEPROVIDER1 should be -2
R145FB	((NFERAND1 <> -2)) -> (NOT (NFEPROVIDER1 = -2))	Error	NFEPROVIDER1 should NOT be -2
R146	in(NFECERT1, 1, 2, 3) OR in(NFECERT1, -1, -2)	Error	Invalid value (NFECERT1 should be in (1,2,3) or in (-1,-2))
R146FA	(NOT (NFERAND1 <> -2)) -> (NFECERT1 = -2)	Error	NFECERT1 should be -2
R146FB	((NFERAND1 <> -2)) -> (NOT (NFECERT1 = -2))	Error	NFECERT1 should NOT be -2
R147	((NFEPAIDBY1 >= 0) AND (NFEPAIDBY1 <= 5)) OR in(NFEPAIDBY1, -1, -2)	Error	Invalid value (NFEPAIDBY1 should be between (0 and 5) or in (-1,-2))
R147FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3)) -> (NFEPAIDBY1 = -2)	Error	NFEPAIDBY1 should be -2
R147FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3)) -> (NOT (NFEPAIDBY1 = -2))	Error	NFEPAIDBY1 should NOT be -2
R148	((NFEPAIDBY1_1 >= 1) AND (NFEPAIDBY1_1 <= 2)) OR (NFEPAIDBY1_1 = -2)	Error	Invalid value (NFEPAIDBY1_1 should be between (1 and 2) or in (-2))
R148FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) ->	Error	NFEPAIDBY1_1 should be -2

	(NFEPAIDBY1_1 = -2)		
R148FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NOT (NFEPAIDBY1_1 = -2))	Error	NFEPAIDBY1_1 should NOT be -2
R149	((NFEPAIDBY1_2 >= 1) AND (NFEPAIDBY1_2 <= 2)) OR (NFEPAIDBY1_2 = -2)	Error	Invalid value (NFEPAIDBY1_2 should be between (1 and 2) or in (-2))
R149FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NFEPAIDBY1_2 = -2)	Error	NFEPAIDBY1_2 should be -2
R149FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NOT (NFEPAIDBY1_2 = -2))	Error	NFEPAIDBY1_2 should NOT be -2
R150	((NFEPAIDBY1_3 >= 1) AND (NFEPAIDBY1_3 <= 2)) OR (NFEPAIDBY1_3 = -2)	Error	Invalid value (NFEPAIDBY1_3 should be between (1 and 2) or in (-2))
R150FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NFEPAIDBY1_3 = -2)	Error	NFEPAIDBY1_3 should be -2
R150FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NOT (NFEPAIDBY1_3 = -2))	Error	NFEPAIDBY1_3 should NOT be -2
R151	((NFEPAIDBY1_4 >= 1) AND (NFEPAIDBY1_4 <= 2)) OR (NFEPAIDBY1_4 = -2)	Error	Invalid value (NFEPAIDBY1_4 should be between (1 and 2) or in (-2))
R151FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NFEPAIDBY1_4 = -2)	Error	NFEPAIDBY1_4 should be -2
R151FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NOT (NFEPAIDBY1_4 = -2))	Error	NFEPAIDBY1_4 should NOT be -2
R152	((NFEPAIDBY1_5 >= 1) AND (NFEPAIDBY1_5 <= 2)) OR (NFEPAIDBY1_5 = -2)	Error	Invalid value (NFEPAIDBY1_5 should be between (1 and 2) or in (-2))
R152FA	(NOT (NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NFEPAIDBY1_5 = -2)	Error	NFEPAIDBY1_5 should be -2
R152FB	((NFERAND1 <> -2 AND NFERAND1_TYPE <> 3 AND NFEPAIDBY1 <> -1)) -> (NOT (NFEPAIDBY1_5 = -2))	Error	NFEPAIDBY1_5 should NOT be -2
R153	in(NFEPAIDFULL1, 1, 2) OR in(NFEPAIDFULL1, -1, -2, -3)	Error	Invalid value (NFEPAIDFULL1 should be in (1,2) or in (-1,-2,-3))
R153FA	(NOT (NFEPAIDBY1 >= 1)) -> (in(NFEPAIDFULL1, -2, -3))	Error	NFEPAIDFULL1 should be -2 or -3
R153FB	((NFEPAIDBY1 >= 1)) -> (NOT (NFEPAIDFULL1 = -2))	Error	NFEPAIDFULL1 should NOT be -2
R154	((NFEPAIDVAL1 >= 1) AND (NFEPAIDVAL1 <= 99999999)) OR in(NFEPAIDVAL1, -1, -2)	Error	Invalid value (NFEPAIDVAL1 should be between (1 and 99999999) or in (-1,-2))
R155	in(NFEUSE1, 1, 2, 3, 4) OR in(NFEUSE1, -1, -2)	Error	Invalid value (NFEUSE1 should be in (1,2,3,4) or in (-1,-2))
R155FA	(NOT (NFERAND1 <>-2)) -> (NFEUSE1 = -2)	Error	NFEUSE1 should be -2
R155FB	((NFERAND1 <>-2)) -> (NOT (NFEUSE1 = -2))	Error	NFEUSE1 should NOT be -2
R156	in(NFESAT1, 1, 2) OR in(NFESAT1, -1, -2, -3)	Error	Invalid value (NFESAT1 should be in (1,2) or in (-1,-2,-3))

R156FA	(NOT (NFERAND1 <>-2)) -> (in(NFESAT1, -2, -3))	Error	NFESAT1 should be -2 or -3
R156FB	((NFERAND1 <>-2)) -> (NOT (NFESAT1 = -2))	Error	NFESAT1 should NOT be -2
R157	((NFEUNSATREASON1 >= 0) AND (NFEUNSATREASON1 <= 5)) OR in(NFEUNSATREASON1, -1, -2, -3)	Error	Invalid value (NFEUNSATREASON1 should be between (0 and 5) or in (-1,-2,-3))
R157FA	(NOT (NFESAT1 = 2)) -> (in(NFEUNSATREASON1, -2, -3))	Error	NFEUNSATREASON1 should be -2 or -3
R157FB	((NFESAT1 = 2)) -> (NOT (NFEUNSATREASON1 = -2))	Error	NFEUNSATREASON1 should NOT be -2
R158	((NFEUNSATREASON1_1 >= 1) AND (NFEUNSATREASON1_1 <= 2)) OR in(NFEUNSATREASON1_1, -2, -3)	Error	Invalid value (NFEUNSATREASON1_1 should be between (1 and 2) or in (-2,-3))
R158FA	(NOT (NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (in(NFEUNSATREASON1_1, -2, -3))	Error	NFEUNSATREASON1_1 should be -2 or -3
R158FB	((NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (NOT (NFEUNSATREASON1_1 = -2))	Error	NFEUNSATREASON1_1 should NOT be -2
R159	((NFEUNSATREASON1_2 >= 1) AND (NFEUNSATREASON1_2 <= 2)) OR in(NFEUNSATREASON1_2, -2, -3)	Error	Invalid value (NFEUNSATREASON1_2 should be between (1 and 2) or in (-2,-3))
R159FA	(NOT (NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (in(NFEUNSATREASON1_2, -2, -3))	Error	NFEUNSATREASON1_2 should be -2 or -3
R159FB	((NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (NOT (NFEUNSATREASON1_2 = -2))	Error	NFEUNSATREASON1_2 should NOT be -2
R160	((NFEUNSATREASON1_3 >= 1) AND (NFEUNSATREASON1_3 <= 2)) OR in(NFEUNSATREASON1_3, -2, -3)	Error	Invalid value (NFEUNSATREASON1_3 should be between (1 and 2) or in (-2,-3))
R160FA	(NOT (NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (in(NFEUNSATREASON1_3, -2, -3))	Error	NFEUNSATREASON1_3 should be -2 or -3
R160FB	((NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (NOT (NFEUNSATREASON1_3 = -2))	Error	NFEUNSATREASON1_3 should NOT be -2
R161	((NFEUNSATREASON1_4 >= 1) AND (NFEUNSATREASON1_4 <= 2)) OR in(NFEUNSATREASON1_4, -2, -3)	Error	Invalid value (NFEUNSATREASON1_4 should be between (1 and 2) or in (-2,-3))
R161FA	(NOT (NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (in(NFEUNSATREASON1_4, -2, -3))	Error	NFEUNSATREASON1_4 should be -2 or -3
R161FB	((NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (NOT (NFEUNSATREASON1_4 = -2))	Error	NFEUNSATREASON1_4 should NOT be -2
R162	((NFEUNSATREASON1_5 >= 1) AND (NFEUNSATREASON1_5 <= 2)) OR in(NFEUNSATREASON1_5, -2, -3)	Error	Invalid value (NFEUNSATREASON1_5 should be between (1 and 2) or in (-2,-3))

R162FA	(NOT (NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (in(NFEUNSATREASON1_5, -2, -3))	Error	NFEUNSATREASON1_5 should be -2 or -3
R162FB	((NFESAT1 = 2 AND NFEUNSATREASON1 <> -1)) -> (NOT (NFEUNSATREASON1_5 = -2))	Error	NFEUNSATREASON1_5 should NOT be -2
R163	((NFEOUTCOME1 >= 0) AND (NFEOUTCOME1 <= 8)) OR in(NFEOUTCOME1, -1, -2)	Error	Invalid value (NFEOUTCOME1 should be between (0 and 8) or in (-1,-2))
R163FA	(NOT (NFERAND1 <> -2)) -> (NFEOUTCOME1 = -2)	Error	NFEOUTCOME1 should be -2
R163FB	((NFERAND1 <> -2)) -> (NOT (NFEOUTCOME1 = -2))	Error	NFEOUTCOME1 should NOT be -2
R164	((NFEOUTCOME1_1 >= 1) AND (NFEOUTCOME1_1 <= 2)) OR (NFEOUTCOME1_1 = -2)	Error	Invalid value (NFEOUTCOME1_1 should be between (1 and 2) or in (-2))
R164FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NFEOUTCOME1_1 = -2)	Error	NFEOUTCOME1_1 should be -2
R164FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NOT (NFEOUTCOME1_1 = -2))	Error	NFEOUTCOME1_1 should NOT be -2
R165	((NFEOUTCOME1_2 >= 1) AND (NFEOUTCOME1_2 <= 2)) OR (NFEOUTCOME1_2 = -2)	Error	Invalid value (NFEOUTCOME1_2 should be between (1 and 2) or in (-2))
R165FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NFEOUTCOME1_2 = -2)	Error	NFEOUTCOME1_2 should be -2
R165FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NOT (NFEOUTCOME1_2 = -2))	Error	NFEOUTCOME1_2 should NOT be -2
R166	((NFEOUTCOME1_3 >= 1) AND (NFEOUTCOME1_3 <= 2)) OR (NFEOUTCOME1_3 = -2)	Error	Invalid value (NFEOUTCOME1_3 should be between (1 and 2) or in (-2))
R166FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NFEOUTCOME1_3 = -2)	Error	NFEOUTCOME1_3 should be -2
R166FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NOT (NFEOUTCOME1_3 = -2))	Error	NFEOUTCOME1_3 should NOT be -2
R167	((NFEOUTCOME1_4 >= 1) AND (NFEOUTCOME1_4 <= 2)) OR (NFEOUTCOME1_4 = -2)	Error	Invalid value (NFEOUTCOME1_4 should be between (1 and 2) or in (-2))
R167FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NFEOUTCOME1_4 = -2)	Error	NFEOUTCOME1_4 should be -2
R167FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NOT (NFEOUTCOME1_4 = -2))	Error	NFEOUTCOME1_4 should NOT be -2
R168	((NFEOUTCOME1_5 >= 1) AND (NFEOUTCOME1_5 <= 2)) OR (NFEOUTCOME1_5 = -2)	Error	Invalid value (NFEOUTCOME1_5 should be between (1 and 2) or in (-2))
R168FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NFEOUTCOME1_5 = -2)	Error	NFEOUTCOME1_5 should be -2
R168FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1 AND in(NFEWORKTIME1,1, 2, 3, 4))) -> (NOT (NFEOUTCOME1_5 = -2))	Error	NFEOUTCOME1_5 should NOT be -2
R169	((NFEOUTCOME1_6 >= 1) AND (NFEOUTCOME1_6 <= 2)) OR (NFEOUTCOME1_6 = -2)	Error	Invalid value (NFEOUTCOME1_6 should be between (1 and 2) or in (-2))
R169FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NFEOUTCOME1_6 = -2)	Error	NFEOUTCOME1_6 should be -2

R169FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NOT (NFEOUTCOME1_6 = -2))	Error	NFEOUTCOME1_6 should NOT be -2
R170	((NFEOUTCOME1_7 >= 1) AND (NFEOUTCOME1_7 <= 2)) OR (NFEOUTCOME1_7 = -2)	Error	Invalid value (NFEOUTCOME1_7 should be between (1 and 2) or in (-2))
R170FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NFEOUTCOME1_7 = -2)	Error	NFEOUTCOME1_7 should be -2
R170FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NOT (NFEOUTCOME1_7 = -2))	Error	NFEOUTCOME1_7 should NOT be -2
R171	((NFEOUTCOME1_8 >= 1) AND (NFEOUTCOME1_8 <= 2)) OR (NFEOUTCOME1_8 = -2)	Error	Invalid value (NFEOUTCOME1_8 should be between (1 and 2) or in (-2))
R171FA	(NOT (NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NFEOUTCOME1_8 = -2)	Error	NFEOUTCOME1_8 should be -2
R171FB	((NFERAND1 <> -2 AND NFEOUTCOME1 <> -1)) -> (NOT (NFEOUTCOME1_8 = -2))	Error	NFEOUTCOME1_8 should NOT be -2
R172	((NFERAND2 >= 1) AND (NFERAND2 <= 10)) OR in(NFERAND2, -1, -2)	Error	Invalid value (NFERAND2 should be between (1 and 10) or in (-1,-2))
R172FA	(NOT (NFENUM >= 2)) -> (NFERAND2 = -2)	Error	NFERAND2 should be -2
R172FB	((NFENUM >= 2)) -> (NOT (NFERAND2 = -2))	Error	NFERAND2 should NOT be -2
R173	in(NFERAND2_TYPE, 1, 2, 3, 4) OR in(NFERAND2_TYPE, -1, -2)	Error	Invalid value (NFERAND2_TYPE should be in (1,2,3,4) or in (-1,-2))
R173FA	(NOT (NFENUM >= 2)) -> (NFERAND2_TYPE = -2)	Error	NFERAND2_TYPE should be -2
R173FB	((NFENUM >= 2)) -> (NOT (NFERAND2_TYPE = -2))	Error	NFERAND2_TYPE should NOT be -2
R174	in(NFEPURP2, 1, 2) OR in(NFEPURP2, -1, -2)	Error	Invalid value (NFEPURP2 should be in (1,2) or in (-1,-2))
R174FA	(NOT (NFERAND2 <>- 2)) -> (NFEPURP2 = -2)	Error	NFEPURP2 should be -2
R174FB	((NFERAND2 <>- 2)) -> (NOT (NFEPURP2 = -2))	Error	NFEPURP2 should NOT be -2
R175	((NFEFIELD2 >= 010) AND (NFEFIELD2 <= 999)) OR (NFEFIELD2 = -2)	Error	Invalid value (NFEFIELD2 should be between (010 and 999) or in (-2))
R175A	in(NFEFIELD2, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(NFEFIELD2, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable NFEFIELD2
R175FA	(NOT (NFERAND2 <> -2)) -> (NFEFIELD2 = -2)	Error	NFEFIELD2 should be -2
R175FB	((NFERAND2 <> -2)) -> (NOT (NFEFIELD2 = -2))	Error	NFEFIELD2 should NOT be -2
R176	in(NFEMETHOD2, 1, 2, 3) OR in(NFEMETHOD2, -1, -2)	Error	Invalid value (NFEMETHOD2 should be in (1,2,3) or in (-1,-2))
R176FA	(NOT (NFERAND2 <> -2 AND NOT in(NFERAND2_TYPE, 2, 3))) -> (NFEMETHOD2 = -2)	Error	NFEMETHOD2 should be -2
R176FB	((NFERAND2 <> -2 AND NOT in(NFERAND2_TYPE, 2, 3))) -> (NOT (NFEMETHOD2 = -2))	Error	NFEMETHOD2 should NOT be -2
R177	((NFEREASON2 >= 0) AND (NFEREASON2 <= 9)) OR in(NFEREASON2, -1, -2)	Error	Invalid value (NFEREASON2 should be between (0 and 9) or in (-1,-2))
R177FA	(NOT (NFERAND2 <> -2)) -> (NFEREASON2 = -2)	Error	NFEREASON2 should be -2
R177FB	((NFERAND2 <> -2)) -> (NOT (NFEREASON2 = -2))	Error	NFEREASON2 should NOT be -2
R178	((NFEREASON2_01 >= 1) AND (NFEREASON2_01 <= 2)) OR (NFEREASON2_01 = -2)	Error	Invalid value (NFEREASON2_01 should be between (1 and 2) or in (-2))

R178FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_01 = -2)	Error	NFEREASON2_01 should be -2
R178FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_01 = -2))	Error	NFEREASON2_01 should NOT be -2
R179	((NFEREASON2_02 >= 1) AND (NFEREASON2_02 <= 2)) OR (NFEREASON2_02 = -2)	Error	Invalid value (NFEREASON2_02 should be between (1 and 2) or in (-2))
R179FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_02 = -2)	Error	NFEREASON2_02 should be -2
R179FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_02 = -2))	Error	NFEREASON2_02 should NOT be -2
R180	((NFEREASON2_03 >= 1) AND (NFEREASON2_03 <= 2)) OR (NFEREASON2_03 = -2)	Error	Invalid value (NFEREASON2_03 should be between (1 and 2) or in (-2))
R180FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_03 = -2)	Error	NFEREASON2_03 should be -2
R180FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_03 = -2))	Error	NFEREASON2_03 should NOT be -2
R181	((NFEREASON2_04 >= 1) AND (NFEREASON2_04 <= 2)) OR (NFEREASON2_04 = -2)	Error	Invalid value (NFEREASON2_04 should be between (1 and 2) or in (-2))
R181FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_04 = -2)	Error	NFEREASON2_04 should be -2
R181FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_04 = -2))	Error	NFEREASON2_04 should NOT be -2
R182	((NFEREASON2_05 >= 1) AND (NFEREASON2_05 <= 2)) OR (NFEREASON2_05 = -2)	Error	Invalid value (NFEREASON2_05 should be between (1 and 2) or in (-2))
R182FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_05 = -2)	Error	NFEREASON2_05 should be -2
R182FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_05 = -2))	Error	NFEREASON2_05 should NOT be -2
R183	((NFEREASON2_06 >= 1) AND (NFEREASON2_06 <= 2)) OR (NFEREASON2_06 = -2)	Error	Invalid value (NFEREASON2_06 should be between (1 and 2) or in (-2))
R183FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_06 = -2)	Error	NFEREASON2_06 should be -2
R183FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_06 = -2))	Error	NFEREASON2_06 should NOT be -2
R184	((NFEREASON2_07 >= 1) AND (NFEREASON2_07 <= 2)) OR (NFEREASON2_07 = -2)	Error	Invalid value (NFEREASON2_07 should be between (1 and 2) or in (-2))
R184FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_07 = -2)	Error	NFEREASON2_07 should be -2
R184FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_07 = -2))	Error	NFEREASON2_07 should NOT be -2
R185	((NFEREASON2_08 >= 1) AND (NFEREASON2_08 <= 2)) OR (NFEREASON2_08 = -2)	Error	Invalid value (NFEREASON2_08 should be between (1 and 2) or in (-2))
R185FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_08 = -2)	Error	NFEREASON2_08 should be -2
R185FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_08 = -2))	Error	NFEREASON2_08 should NOT be -2
R186	((NFEREASON2_09>=1)AND(NFEREASON2_09<=2))OR(NFEREASON2_09=-2)	Error	Invalid value (NFEREASON2_09 should be between (1 and 2) or in (-2))
R186FA	(NOT (NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NFEREASON2_09 = -2)	Error	NFEREASON2_09 should be -2
R186FB	((NFERAND2 <> -2 AND NFEREASON2 <> -1)) -> (NOT (NFEREASON2_09 = -2))	Error	NFEREASON2_09 should NOT be -2
R187	in(NFEWORKTIME2, 1, 2, 3, 4, 5) OR in(NFEWORKTIME2, -1, -2)	Error	Invalid value (NFEWORKTIME2 should be in (1,2,3,4,5) or in (-1,-2))
R187FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3)) -> (NFEWORKTIME2 = -2)	Error	NFEWORKTIME2 should be -2

R187FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3)) -> (NOT (NFEWORKTIME2 = -2))	Error	NFEWORKTIME2 should NOT be -2
R188	((NFENBHOURS2 >= 0) AND (NFENBHOURS2 <= 9999)) OR in(NFENBHOURS2, -1, -2)	Error	Invalid value (NFENBHOURS2 should be between (0 and 9999) or in (-1,-2))
R188FA	(NOT (NFERAND2 <> -2)) -> (NFENBHOURS2 = -2)	Error	NFENBHOURS2 should be -2
R188FB	((NFERAND2 <> -2)) -> (NOT (NFENBHOURS2 = -2))	Error	NFENBHOURS2 should NOT be -2
R189	((NFENBWEEKS2 >= 1) AND (NFENBWEEKS2 <= 52)) OR in(NFENBWEEKS2, -1, -2, -3)	Error	Invalid value (NFENBWEEKS2 should be between (1 and 52) or in (-1,-2))
R189FA	(NOT (NFERAND2 <> -2)) -> (in(NFENBWEEKS2, -2, -3))	Error	NFENBWEEKS2 should be -2 or -3
R189FB	((NFERAND2 <> -2)) -> (NOT (NFENBWEEKS2 = -2))	Error	NFENBWEEKS2 should NOT be -2
R190	((NFEDURPERWEEK2 >= 1) AND (NFEDURPERWEEK2 <= 98)) OR in(NFEDURPERWEEK2, -1, -2, -3)	Error	Invalid value (NFEDURPERWEEK2 should be between (1 and 98) or in (-1,-2))
R190FA	(NOT (NFERAND2 <> -2)) -> (in(NFEDURPERWEEK2, -2, -3))	Error	NFEDURPERWEEK2 should be -2 or -3
R190FB	((NFERAND2 <> -2)) -> (NOT (NFEDURPERWEEK2 = -2))	Error	NFEDURPERWEEK2 should NOT be -2
R191	in(NFEPROVIDER2, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) OR in(NFEPROVIDER2, -1, -2)	Error	Invalid value (NFEPROVIDER2 should be in (1,2,3,4,5,6,7,8,9,10) or in (-1,-2))
R191FA	(NOT (NFERAND2 <> -2)) -> (NFEPROVIDER2 = -2)	Error	NFEPROVIDER2 should be -2
R191FB	((NFERAND2 <> -2)) -> (NOT (NFEPROVIDER2 = -2))	Error	NFEPROVIDER2 should NOT be -2
R192	in(NFECERT2, 1, 2, 3) OR in(NFECERT2, -1, -2)	Error	Invalid value (NFECERT2 should be in (1,2,3) or in (-1,-2))
R192FA	(NOT (NFERAND2 <> -2)) -> (NFECERT2 = -2)	Error	NFECERT2 should be -2
R192FB	((NFERAND2 <> -2)) -> (NOT (NFECERT2 = -2))	Error	NFECERT2 should NOT be -2
R193	((NFEPAIDBY2 >= 0) AND (NFEPAIDBY2 <= 5)) OR in(NFEPAIDBY2, -1, -2)	Error	Invalid value (NFEPAIDBY2 should be between (0 and 5) or in (-1,-2))
R193FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3)) -> (NFEPAIDBY2 = -2)	Error	NFEPAIDBY2 should be -2
R193FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3)) -> (NOT (NFEPAIDBY2 = -2))	Error	NFEPAIDBY2 should NOT be -2
R194	((NFEPAIDBY2_1 >= 1) AND (NFEPAIDBY2_1 <= 2)) OR (NFEPAIDBY2_1 = -2)	Error	Invalid value (NFEPAIDBY2_1 should be between (1 and 2) or in (-2))
R194FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NFEPAIDBY2_1 = -2)	Error	NFEPAIDBY2_1 should be -2
R194FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NOT (NFEPAIDBY2_1 = -2))	Error	NFEPAIDBY2_1 should NOT be -2
R195	((NFEPAIDBY2_2 >= 1) AND (NFEPAIDBY2_2 <= 2)) OR (NFEPAIDBY2_2 = -2)	Error	Invalid value (NFEPAIDBY2_2 should be between (1 and 2) or in (-2))
R195FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NFEPAIDBY2_2 = -2)	Error	NFEPAIDBY2_2 should be -2

R195FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NOT (NFEPAIDBY2_2 = -2))	Error	NFEPAIDBY2_2 should NOT be -2
R196	((NFEPAIDBY2_3 >= 1) AND (NFEPAIDBY2_3 <= 2)) OR (NFEPAIDBY2_3 = -2)	Error	Invalid value (NFEPAIDBY2_3 should be between (1 and 2) or in (-2))
R196FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NFEPAIDBY2_3 = -2)	Error	NFEPAIDBY2_3 should be -2
R196FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NOT (NFEPAIDBY2_3 = -2))	Error	NFEPAIDBY2_3 should NOT be -2
R197	((NFEPAIDBY2_4 >= 1) AND (NFEPAIDBY2_4 <= 2)) OR (NFEPAIDBY2_4 = -2)	Error	Invalid value (NFEPAIDBY2_4 should be between (1 and 2) or in (-2))
R197FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NFEPAIDBY2_4 = -2)	Error	NFEPAIDBY2_4 should be -2
R197FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NOT (NFEPAIDBY2_4 = -2))	Error	NFEPAIDBY2_4 should NOT be -2
R198	((NFEPAIDBY2_5 >= 1) AND (NFEPAIDBY2_5 <= 2)) OR (NFEPAIDBY2_5 = -2)	Error	Invalid value (NFEPAIDBY2_5 should be between (1 and 2) or in (-2))
R198FA	(NOT (NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NFEPAIDBY2_5 = -2)	Error	NFEPAIDBY2_5 should be -2
R198FB	((NFERAND2 <> -2 AND NFERAND2_TYPE <> 3 AND NFEPAIDBY2 <> -1)) -> (NOT (NFEPAIDBY2_5 = -2))	Error	NFEPAIDBY2_5 should NOT be -2
R199	in(NFEPAIDFULL2, 1, 2) OR in(NFEPAIDFULL2, -1, -2, -3)	Error	Invalid value (NFEPAIDFULL2 should be in (1,2) or in (-1,-2,-3))
R199FA	(NOT (NFEPAIDBY2 >= 1)) -> (in(NFEPAIDFULL2, -2, -3))	Error	NFEPAIDFULL2 should be -2 or -3
R199FB	((NFEPAIDBY2 >= 1)) -> (NOT (NFEPAIDFULL2 = -2))	Error	NFEPAIDFULL2 should NOT be -2
R200	((NFEPAIDVAL2 >= 1) AND (NFEPAIDVAL2 <= 99999999)) OR in(NFEPAIDVAL2, -1, -2)	Error	Invalid value (NFEPAIDVAL2 should be between (1 and 99999999) or in (-1,-2))
R201	in(NFEUSE2, 1, 2, 3, 4) OR in(NFEUSE2, -1, -2)	Error	Invalid value (NFEUSE2 should be in (1,2,3,4) or in (-1,-2))
R201FA	(NOT (NFERAND2 <> - 2)) -> (NFEUSE2 = -2)	Error	NFEUSE2 should be -2
R201FB	((NFERAND2 <> - 2)) -> (NOT (NFEUSE2 = -2))	Error	NFEUSE2 should NOT be -2
R202	in(NFESAT2, 1, 2) OR in(NFESAT2, -1, -2, -3)	Error	Invalid value (NFESAT2 should be in (1,2) or in (-1,-2,-3))
R202FA	(NOT (NFERAND2 <> -2)) -> (in(NFESAT2, -2, -3))	Error	NFESAT2 should be -2 or -3
R202FB	((NFERAND2 <> -2)) -> (NOT (NFESAT2 = -2))	Error	NFESAT2 should NOT be -2
R203	((NFEUNSATREASON2 >= 0) AND (NFEUNSATREASON2 <= 5)) OR in(NFEUNSATREASON2, -1, -2, -3)	Error	Invalid value (NFEUNSATREASON2 should be between (0 and 5) or in (-1,-2,-3))
R203FA	(NOT (NFESAT2 = 2)) -> (in(NFEUNSATREASON2, -2, -3))	Error	NFEUNSATREASON2 should be -2 or -3

R203FB	((NFESAT2 = 2)) -> (NOT (NFEUNSATREASON2 = -2))	Error	NFEUNSATREASON2 should NOT be -2
R204	((NFEUNSATREASON2_1 >= 1) AND (NFEUNSATREASON2_1 <= 2)) OR in(NFEUNSATREASON2_1, -2, -3)	Error	Invalid value (NFEUNSATREASON2_1 should be between (1 and 2) or in (-2,-3))
R204FA	(NOT (NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (in(NFEUNSATREASON2_1, -2, -3))	Error	NFEUNSATREASON2_1 should be -2 or -3
R204FB	((NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (NOT (NFEUNSATREASON2_1 = -2))	Error	NFEUNSATREASON2_1 should NOT be -2
R205	((NFEUNSATREASON2_2 >= 1) AND (NFEUNSATREASON2_2 <= 2)) OR in(NFEUNSATREASON2_2, -2, -3)	Error	Invalid value (NFEUNSATREASON2_2 should be between (1 and 2) or in (-2,-3))
R205FA	(NOT (NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (in(NFEUNSATREASON2_2, -2, -3))	Error	NFEUNSATREASON2_2 should be -2 or -3
R205FB	((NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (NOT (NFEUNSATREASON2_2 = -2))	Error	NFEUNSATREASON2_2 should NOT be -2
R206	((NFEUNSATREASON2_3 >= 1) AND (NFEUNSATREASON2_3 <= 2)) OR in(NFEUNSATREASON2_3, -2, -3)	Error	Invalid value (NFEUNSATREASON2_3 should be between (1 and 2) or in (-2,-3))
R206FA	(NOT (NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (in(NFEUNSATREASON2_3, -2, -3))	Error	NFEUNSATREASON2_3 should be -2 or -3
R206FB	((NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (NOT (NFEUNSATREASON2_3 = -2))	Error	NFEUNSATREASON2_3 should NOT be -2
R207	((NFEUNSATREASON2_4 >= 1) AND (NFEUNSATREASON2_4 <= 2)) OR in(NFEUNSATREASON2_4, -2, -3)	Error	Invalid value (NFEUNSATREASON2_4 should be between (1 and 2) or in (-2,-3))
R207FA	(NOT (NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (in(NFEUNSATREASON2_4, -2, -3))	Error	NFEUNSATREASON2_4 should be -2 or -3
R207FB	((NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (NOT (NFEUNSATREASON2_4 = -2))	Error	NFEUNSATREASON2_4 should NOT be -2
R208	((NFEUNSATREASON2_5 >= 1) AND (NFEUNSATREASON2_5 <= 2)) OR in(NFEUNSATREASON2_5, -2, -3)	Error	Invalid value (NFEUNSATREASON2_5 should be between (1 and 2) or in (-2,-3))
R208FA	(NOT (NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (in(NFEUNSATREASON2_5, -2, -3))	Error	NFEUNSATREASON2_5 should be -2 or -3
R208FB	((NFESAT2 = 2 AND NFEUNSATREASON2 <> -1)) -> (NOT (NFEUNSATREASON2_5 = -2))	Error	NFEUNSATREASON2_5 should NOT be -2
R209	((NFEOUTCOME2 >= 0) AND (NFEOUTCOME2 <= 8)) OR in(NFEOUTCOME2, -1, -2)	Error	Invalid value (NFEOUTCOME2 should be between (0 and 8) or in (-1,-2))
R209FA	(NOT (NFERAND2 <> -2)) -> (NFEOUTCOME2 = -2)	Error	NFEOUTCOME2 should be -2

R209FB	((NFERAND2 <> -2)) -> (NOT (NFEOUTCOME2 = -2))	Error	NFEOUTCOME2 should NOT be -2
R210	((NFEOUTCOME2_1 >= 1) AND (NFEOUTCOME2_1 <= 2)) OR (NFEOUTCOME2_1 = -2)	Error	Invalid value (NFEOUTCOME2_1 should be between (1 and 2) or in (-2))
R210FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NFEOUTCOME2_1 = -2)	Error	NFEOUTCOME2_1 should be -2
R210FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NOT (NFEOUTCOME2_1 = -2))	Error	NFEOUTCOME2_1 should NOT be -2
R211	((NFEOUTCOME2_2 >= 1) AND (NFEOUTCOME2_2 <= 2)) OR (NFEOUTCOME2_2 = -2)	Error	Invalid value (NFEOUTCOME2_2 should be between (1 and 2) or in (-2))
R211FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NFEOUTCOME2_2 = -2)	Error	NFEOUTCOME2_2 should be -2
R211FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME2_2 = -2))	Error	NFEOUTCOME2_2 should NOT be -2
R212	((NFEOUTCOME2_3 >= 1) AND (NFEOUTCOME2_3 <= 2)) OR (NFEOUTCOME2_3 = -2)	Error	Invalid value (NFEOUTCOME2_3 should be between (1 and 2) or in (-2))
R212FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NFEOUTCOME2_3 = -2)	Error	NFEOUTCOME2_3 should be -2
R212FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME2_3 = -2))	Error	NFEOUTCOME2_3 should NOT be -2
R213	((NFEOUTCOME2_4 >= 1) AND (NFEOUTCOME2_4 <= 2)) OR (NFEOUTCOME2_4 = -2)	Error	Invalid value (NFEOUTCOME2_4 should be between (1 and 2) or in (-2))
R213FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NFEOUTCOME2_4 = -2)	Error	NFEOUTCOME2_4 should be -2
R213FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME2_4 = -2))	Error	NFEOUTCOME2_4 should NOT be -2
R214	((NFEOUTCOME2_5 >= 1) AND (NFEOUTCOME2_5 <= 2)) OR (NFEOUTCOME2_5 = -2)	Error	Invalid value (NFEOUTCOME2_5 should be between (1 and 2) or in (-2))
R214FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NFEOUTCOME2_5 = -2)	Error	NFEOUTCOME2_5 should be -2
R214FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1 AND in(NFEWORKTIME2, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME2_5 = -2))	Error	NFEOUTCOME2_5 should NOT be -2
R215	((NFEOUTCOME2_6 >= 1) AND (NFEOUTCOME2_6 <= 2)) OR (NFEOUTCOME2_6 = -2)	Error	Invalid value (NFEOUTCOME2_6 should be between (1 and 2) or in (-2))
R215FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NFEOUTCOME2_6 = -2)	Error	NFEOUTCOME2_6 should be -2
R215FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NOT (NFEOUTCOME2_6 = -2))	Error	NFEOUTCOME2_6 should NOT be -2
R216	((NFEOUTCOME2_7 >= 1) AND (NFEOUTCOME2_7 <= 2)) OR (NFEOUTCOME2_7 = -2)	Error	Invalid value (NFEOUTCOME2_7 should be between (1 and 2) or in (-2))
R216FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NFEOUTCOME2_7 = -2)	Error	NFEOUTCOME2_7 should be -2
R216FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NOT (NFEOUTCOME2_7 = -2))	Error	NFEOUTCOME2_7 should NOT be -2
R217	((NFEOUTCOME2_8 >= 1) AND (NFEOUTCOME2_8 <= 2)) OR (NFEOUTCOME2_8 = -2)	Error	Invalid value (NFEOUTCOME2_8 should be between (1 and 2) or in (-2))

R217FA	(NOT (NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NFEOUTCOME2_8 = -2)	Error	NFEOUTCOME2_8 should be -2
R217FB	((NFERAND2 <> -2 AND NFEOUTCOME2 <> -1)) -> (NOT (NFEOUTCOME2_8 = -2))	Error	NFEOUTCOME2_8 should NOT be -2
R218	((NFERAND3 >= 1) AND (NFERAND3 <= 10)) OR in(NFERAND3, -1, -2, -3)	Error	Invalid value (NFERAND3 should be between (1 and 10) or in (-1,-2,-3))
R218FA	(NOT (NFENUM >= 3)) -> (in(NFERAND3, -2, -3))	Error	NFERAND3 should be -2 or -3
R218FB	((NFENUM >= 3)) -> (NOT (NFERAND3 = -2))	Error	NFERAND3 should NOT be -2
R219	in(NFERAND3_TYPE, 1, 2, 3, 4) OR in(NFERAND3_TYPE, -1, -2, -3)	Error	Invalid value (NFERAND3_TYPE should be in (1,2,3,4) or in (-1,-2,-3))
R219FA	(NOT (NFERAND3 <> -2)) -> (in(NFERAND3_TYPE, -2, -3))	Error	NFERAND3_TYPE should be -2 or -3
R219FB	((NFERAND3 <> -2)) -> (NOT (NFERAND3_TYPE = -2))	Error	NFERAND3_TYPE should NOT be -2
R220	in(NFEPURP3, 1, 2) OR in(NFEPURP3, -1, -2, -3)	Error	Invalid value (NFEPURP3 should be in (1,2) or in (-1,-2,-3))
R220FA	(NOT (NFERAND3 <> -2)) -> (in(NFEPURP3, -2, -3))	Error	NFEPURP3 should be -2 or -3
R220FB	((NFERAND3 <> -2)) -> (NOT (NFEPURP3 = -2))	Error	NFEPURP3 should NOT be -2
R221	((NFEFIELD3 >= 010) AND (NFEFIELD3 <= 999)) OR in(NFEFIELD3, -2, -3)	Error	Invalid value (NFEFIELD3 should be between (010 and 999) or in (-2,-3))
R221A	in(NFEFIELD3, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(NFEFIELD3, -1, -2, -3)	Warning	If not used optional codes 010 - 863 then invalid value in variable NFEFIELD3
R221FA	(NOT (NFERAND3 <> -2)) -> (in(NFEFIELD3, -2, -3))	Error	NFEFIELD3 should be -2 or -3
R221FB	((NFERAND3 <> -2)) -> (NOT (NFEFIELD3 = -2))	Error	NFEFIELD3 should NOT be -2
R222	in(NFEMETHOD3, 1, 2, 3) OR in(NFEMETHOD3, -1, -2, -3)	Error	Invalid value (NFEMETHOD3 should be in (1,2,3) or in (-1,-2,-3))
R222FA	(NOT (NFERAND3 <> -2 AND NOT in(NFERAND3_TYPE, 2, 3))) -> (in(NFEMETHOD3, -2, -3))	Error	NFEMETHOD3 should be -2 or -3
R222FB	((NFERAND3 <> -2 AND NOT in(NFERAND3_TYPE, 2, 3))) -> (NOT (NFEMETHOD3 = -2))	Error	NFEMETHOD3 should NOT be -2
R223	((NFEREASON3 >= 0) AND (NFEREASON3 <= 9)) OR in(NFEREASON3, -1, -2, -3)	Error	Invalid value (NFEREASON3 should be between (0 and 9) or in (-1,-2,-3))
R223FA	(NOT (NFERAND3 <> -2)) -> (in(NFEREASON3, -2, -3))	Error	NFEREASON3 should be -2 or -3
R223FB	((NFERAND3 <> -2)) -> (NOT (NFEREASON3 = -2))	Error	NFEREASON3 should NOT be -2
R224	((NFEREASON3_01 >= 1) AND (NFEREASON3_01 <= 2)) OR in(NFEREASON3_01, -2, -3)	Error	Invalid value (NFEREASON3_01 should be between (1 and 2) or in (-2))
R224FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_01, -2, -3))	Error	NFEREASON3_01 should be -2 or -3
R224FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_01 = -2))	Error	NFEREASON3_01 should NOT be -2
R225	((NFEREASON3_02 >= 1) AND (NFEREASON3_02 <= 2)) OR in(NFEREASON3_02, -2, -3)	Error	Invalid value (NFEREASON3_02 should be between (1 and 2) or in (-2))
R225FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_02, -2, -3))	Error	NFEREASON3_02 should be -2 or -3
R225FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_02 = -2))	Error	NFEREASON3_02 should NOT be -2

R226	((NFEREASON3_03 >= 1) AND (NFEREASON3_03 <= 2)) OR in(NFEREASON3_03, -2, -3)	Error	Invalid value (NFEREASON3_03 should be between (1 and 2) or in (-2))
R226FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_03, -2, -3))	Error	NFEREASON3_03 should be -2 or -3
R226FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_03 = -2))	Error	NFEREASON3_03 should NOT be -2
R227	((NFEREASON3_04 >= 1) AND (NFEREASON3_04 <= 2)) OR in(NFEREASON3_04, -2, -3)	Error	Invalid value (NFEREASON3_04 should be between (1 and 2) or in (-2))
R227FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_04, -2, -3))	Error	NFEREASON3_04 should be -2 or -3
R227FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_04 = -2))	Error	NFEREASON3_04 should NOT be -2
R228	((NFEREASON3_05 >= 1) AND (NFEREASON3_05 <= 2)) OR in(NFEREASON3_05, -2, -3)	Error	Invalid value (NFEREASON3_05 should be between (1 and 2) or in (-2))
R228FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_05, -2, -3))	Error	NFEREASON3_05 should be -2 or -3
R228FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_05 = -2))	Error	NFEREASON3_05 should NOT be -2
R229	((NFEREASON3_06 >= 1) AND (NFEREASON3_06 <= 2)) OR in(NFEREASON3_06, -2, -3)	Error	Invalid value (NFEREASON3_06 should be between (1 and 2) or in (-2))
R229FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_06, -2, -3))	Error	NFEREASON3_06 should be -2 or -3
R229FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_06 = -2))	Error	NFEREASON3_06 should NOT be -2
R230	((NFEREASON3_07 >= 1) AND (NFEREASON3_07 <= 2)) OR in(NFEREASON3_07, -2, -3)	Error	Invalid value (NFEREASON3_07 should be between (1 and 2) or in (-2))
R230FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_07, -2, -3))	Error	NFEREASON3_07 should be -2 or -3
R230FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_07 = -2))	Error	NFEREASON3_07 should NOT be -2
R231	((NFEREASON3_08 >= 1) AND (NFEREASON3_08 <= 2)) OR in(NFEREASON3_08, -2, -3)	Error	Invalid value (NFEREASON3_08 should be between (1 and 2) or in (-2))
R231FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_08, -2, -3))	Error	NFEREASON3_08 should be -2 or -3
R231FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_08 = -2))	Error	NFEREASON3_08 should NOT be -2
R232	((NFEREASON3_09 >= 1) AND (NFEREASON3_09 <= 2)) OR in(NFEREASON3_09, -2, -3)	Error	Invalid value (NFEREASON3_09 should be between (1 and 2) or in (-2))
R232FA	(NOT (NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (in(NFEREASON3_09, -2, -3))	Error	NFEREASON3_09 should be -2 or -3
R232FB	((NFERAND3 <> -2 AND NFEREASON3 <> -1)) -> (NOT (NFEREASON3_09 = -2))	Error	NFEREASON3_09 should NOT be -2
R233	in(NFEWORKTIME3, 1, 2, 3, 4, 5) OR in(NFEWORKTIME3, -1, -2, -3)	Error	Invalid value (NFEWORKTIME3 should be in (1,2,3,4,5) or in (-1,-2,-3))
R233FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3)) -> (in(NFEWORKTIME3, -2, -3))	Error	NFEWORKTIME3 should be -2 or -3
R233FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3)) -> (NOT (NFEWORKTIME3 = -2))	Error	NFEWORKTIME3 should NOT be -2
R234	((NFENBHOURS3 >= 0) AND (NFENBHOURS3 <= 9999)) OR in(NFENBHOURS3, -1, -2, -3)	Error	Invalid value (NFENBHOURS3 should be between (0 and 9999) or in (-1,-2,-3))
R234FA	(NOT (NFERAND3 <> -2)) -> (in(NFENBHOURS3, -2, -3))	Error	NFENBHOURS3 should be -2 or -3
R234FB	((NFERAND3 <> -2)) -> (NOT (NFENBHOURS3 = -2))	Error	NFENBHOURS3 should NOT be -2

R235	((NFENBWEEKS3 >= 1) AND (NFENBWEEKS3 <= 52)) OR in(NFENBWEEKS3, -1, -2, -3)	Error	Invalid value (NFENBWEEKS3 should be between (1 and 52) or in (-1,-2,-3))
R235FA	(NOT (NFERAND3 <> -2)) -> (in(NFENBWEEKS3, -2, -3))	Error	NFENBWEEKS3 should be -2 or -3
R235FB	((NFERAND3 <> -2)) -> (NOT (NFENBWEEKS3 = -2))	Error	NFENBWEEKS3 should NOT be -2
R236	((NFEDURPERWEEK3 >= 1) AND (NFEDURPERWEEK3 <= 98)) OR in(NFEDURPERWEEK3, -1, -2, -3)	Error	Invalid value (NFEDURPERWEEK3 should be between (1 and 98) or in (-1,-2,-3))
R236FA	(NOT (NFERAND3 <> -2)) -> (in(NFEDURPERWEEK3, -2, -3))	Error	NFEDURPERWEEK3 should be -2 or -3
R236FB	((NFERAND3 <> -2)) -> (NOT (NFEDURPERWEEK3 = -2))	Error	NFEDURPERWEEK3 should NOT be -2
R237	in(NFEPROVIDER3, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10) OR in(NFEPROVIDER3, -1, -2, -3)	Error	Invalid value (NFEPROVIDER3 should be in (1,2,3,4,5,6,7,8,9,10) or in (-1,-2,-3))
R237FA	(NOT (NFERAND3 <> -2)) -> (in(NFEPROVIDER3, -2, -3))	Error	NFEPROVIDER3 should be -2 or -3
R237FB	((NFERAND3 <> -2)) -> (NOT (NFEPROVIDER3 = -2))	Error	NFEPROVIDER3 should NOT be -2
R238	in(NFECERT3, 1, 2, 3) OR in(NFECERT3, -1, -2, -3)	Error	Invalid value (NFECERT3 should be in (1,2,3) or in (-1,-2,-3))
R238FA	(NOT (NFERAND3 <> -2)) -> (in(NFECERT3, -2, -3))	Error	NFECERT3 should be -2 or -3
R238FB	((NFERAND3 <> -2)) -> (NOT (NFECERT3 = -2))	Error	NFECERT3 should NOT be -2
R239	((NFEPAIDBY3 >= 0) AND (NFEPAIDBY3 <= 5)) OR in(NFEPAIDBY3, -1, -2, -3)	Error	Invalid value (NFEPAIDBY3 should be between (0 and 5) or in (-1,-2,-3))
R239FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3)) -> (in(NFEPAIDBY3, -2, -3))	Error	NFEPAIDBY3 should be -2 or -3
R239FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3)) -> (NOT (NFEPAIDBY3 = -2))	Error	NFEPAIDBY3 should NOT be -2
R240	((NFEPAIDBY3_1 >= 1) AND (NFEPAIDBY3_1 <= 2)) OR in(NFEPAIDBY3_1, -2, -3)	Error	Invalid value (NFEPAIDBY3_1 should be between (1 and 2) or in (-2))
R240FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (in(NFEPAIDBY3_1, -2, -3))	Error	NFEPAIDBY3_1 should be -2 or -3
R240FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (NOT (NFEPAIDBY3_1 = -2))	Error	NFEPAIDBY3_1 should NOT be -2
R241	((NFEPAIDBY3_2 >= 1) AND (NFEPAIDBY3_2 <= 2)) OR in(NFEPAIDBY3_2, -2, -3)	Error	Invalid value (NFEPAIDBY3_2 should be between (1 and 2) or in (-2))
R241FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (in(NFEPAIDBY3_2, -2, -3))	Error	NFEPAIDBY3_2 should be -2 or -3
R241FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (NOT (NFEPAIDBY3_2 = -2))	Error	NFEPAIDBY3_2 should NOT be -2
R242	((NFEPAIDBY3_3 >= 1) AND (NFEPAIDBY3_3 <= 2)) OR in(NFEPAIDBY3_3, -2, -3)	Error	Invalid value (NFEPAIDBY3_3 should be between (1 and 2) or in (-2))
R242FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) ->	Error	NFEPAIDBY3_3 should be -2 or -3

	(in(NFEPAIDBY3_3, -2, -3))		
R242FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (NOT (NFEPAIDBY3_3 = -2))	Error	NFEPAIDBY3_3 should NOT be -2
R243	((NFEPAIDBY3_4 >= 1) AND (NFEPAIDBY3_4 <= 2)) OR in(NFEPAIDBY3_4, -2, -3)	Error	Invalid value (NFEPAIDBY3_4 should be between (1 and 2) or in (-2))
R243FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (in(NFEPAIDBY3_4, -2, -3))	Error	NFEPAIDBY3_4 should be -2 or -3
R243FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (NOT (NFEPAIDBY3_4 = -2))	Error	NFEPAIDBY3_4 should NOT be -2
R244	((NFEPAIDBY3_5 >= 1) AND (NFEPAIDBY3_5 <= 2)) OR in(NFEPAIDBY3_5, -2, -3)	Error	Invalid value (NFEPAIDBY3_5 should be between (1 and 2) or in (-2))
R244FA	(NOT (NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (in(NFEPAIDBY3_5, -2, -3))	Error	NFEPAIDBY3_5 should be -2 or -3
R244FB	((NFERAND3 <> -2 AND NFERAND3_TYPE <> 3 AND NFEPAIDBY3 <> -1)) -> (NOT (NFEPAIDBY3_5 = -2))	Error	NFEPAIDBY3_5 should NOT be -2
R245	in(NFEPAIDFULL3, 1, 2) OR in(NFEPAIDFULL3, -1, -2, -3)	Error	Invalid value (NFEPAIDFULL3 should be in (1,2) or in (-1,-2,-3))
R245FA	(NOT (NFEPAIDBY3 >= 1)) -> (in(NFEPAIDFULL3, -2, -3))	Error	NFEPAIDFULL3 should be -2 or -3
R245FB	((NFEPAIDBY3 >= 1)) -> (NOT (NFEPAIDFULL3 = -2))	Error	NFEPAIDFULL3 should NOT be -2
R246	((NFEPAIDVAL3 >= 1) AND (NFEPAIDVAL3 <= 99999999)) OR in(NFEPAIDVAL3, -1, -2, -3)	Error	Invalid value (NFEPAIDVAL3 should be between (1 and 99999999) or in (-1,-2,-3))
R247	in(NFEUSE3, 1, 2, 3, 4) OR in(NFEUSE3, -1, -2, -3)	Error	Invalid value (NFEUSE3 should be in (1,2,3,4) or in (-1,-2,-3))
R247FA	(NOT (NFERAND3 <> -2)) -> (in(NFEUSE3, -2, -3))	Error	NFEUSE3 should be -2 or -3
R247FB	((NFERAND3 <> -2)) -> (NOT (NFEUSE3 = -2))	Error	NFEUSE3 should NOT be -2
R248	in(NFESAT3, 1, 2) OR in(NFESAT3, -1, -2, -3)	Error	Invalid value (NFESAT3 should be in (1,2) or in (-1,-2,-3))
R248FA	(NOT (NFERAND3 <> -2)) -> (in(NFESAT3, -2, -3))	Error	NFESAT3 should be -2 or -3
R248FB	((NFERAND3 <> -2)) -> (NOT (NFESAT3 = -2))	Error	NFESAT3 should NOT be -2
R249	((NFEUNSATREASON3 >= 0) AND (NFEUNSATREASON3 <= 5)) OR in(NFEUNSATREASON3, -1, -2, -3)	Error	Invalid value (NFEUNSATREASON3 should be between (0 and 5) or in (-1,-2,-3))
R249FA	(NOT (NFESAT3 = 2)) -> (in(NFEUNSATREASON3, -2, -3))	Error	NFEUNSATREASON3 should be -2 or -3
R249FB	((NFESAT3 = 2)) -> (NOT (NFEUNSATREASON3 = -2))	Error	NFEUNSATREASON3 should NOT be -2
R250	((NFEUNSATREASON3_1 >= 1) AND (NFEUNSATREASON3_1 <= 2)) OR in(NFEUNSATREASON3_1, -2, -3)	Error	Invalid value (NFEUNSATREASON3_1 should be between (1 and 2) or in (-2,-

			3))
R250FA	(NOT (NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (in(NFEUNSATREASON3_1, -2, -3))	Error	NFEUNSATREASON3_1 should be -2 or -3
R250FB	((NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (NOT (NFEUNSATREASON3_1 = -2))	Error	NFEUNSATREASON3_1 should NOT be -2
R251	((NFEUNSATREASON3_2 >= 1) AND (NFEUNSATREASON3_2 <= 2)) OR in(NFEUNSATREASON3_2, -2, -3)	Error	Invalid value (NFEUNSATREASON3_2 should be between (1 and 2) or in (-2,-3))
R251FA	(NOT (NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (in(NFEUNSATREASON3_2, -2, -3))	Error	NFEUNSATREASON3_2 should be -2 or -3
R251FB	((NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (NOT (NFEUNSATREASON3_2 = -2))	Error	NFEUNSATREASON3_2 should NOT be -2
R252	((NFEUNSATREASON3_3 >= 1) AND (NFEUNSATREASON3_3 <= 2)) OR in(NFEUNSATREASON3_3, -2, -3)	Error	Invalid value (NFEUNSATREASON3_3 should be between (1 and 2) or in (-2,-3))
R252FA	(NOT (NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (in(NFEUNSATREASON3_3, -2, -3))	Error	NFEUNSATREASON3_3 should be -2 or -3
R252FB	((NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (NOT (NFEUNSATREASON3_3 = -2))	Error	NFEUNSATREASON3_3 should NOT be -2
R253	((NFEUNSATREASON3_4 >= 1) AND (NFEUNSATREASON3_4 <= 2)) OR in(NFEUNSATREASON3_4, -2, -3)	Error	Invalid value (NFEUNSATREASON3_4 should be between (1 and 2) or in (-2,-3))
R253FA	(NOT (NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (in(NFEUNSATREASON3_4, -2, -3))	Error	NFEUNSATREASON3_4 should be -2 or -3
R253FB	((NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (NOT (NFEUNSATREASON3_4 = -2))	Error	NFEUNSATREASON3_4 should NOT be -2
R254	((NFEUNSATREASON3_5 >= 1) AND (NFEUNSATREASON3_5 <= 2)) OR in(NFEUNSATREASON3_5, -2, -3)	Error	Invalid value (NFEUNSATREASON3_5 should be between (1 and 2) or in (-2,-3))
R254FA	(NOT (NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (in(NFEUNSATREASON3_5, -2, -3))	Error	NFEUNSATREASON3_5 should be -2 or -3
R254FB	((NFESAT3 = 2 AND NFEUNSATREASON3 <> -1)) -> (NOT (NFEUNSATREASON3_5 = -2))	Error	NFEUNSATREASON3_5 should NOT be -2
R255	((NFEOUTCOME3 >= 0) AND (NFEOUTCOME3 <= 8)) OR in(NFEOUTCOME3, -1, -2, -3)	Error	Invalid value (NFEOUTCOME3 should be between (0 and 8) or in (-1,-2,-3))
R255FA	(NOT (NFERAND3 <> -2)) -> (in(NFEOUTCOME3, -2, -3))	Error	NFEOUTCOME3 should be -2 or -3
R255FB	((NFERAND3 <> -2)) -> (NOT (NFEOUTCOME3 = -2))	Error	NFEOUTCOME3 should NOT be -2
R256	((NFEOUTCOME3_1 >= 1) AND (NFEOUTCOME3_1 <= 2)) OR in(NFEOUTCOME3_1, -2, -3)	Error	Invalid value (NFEOUTCOME3_1 should be between (1 and 2) or in (-2,-

			3))
R256FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (in(NFEOUTCOME3_1, -2, -3))	Error	NFEOUTCOME3_1 should be -2 or -3
R256FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (NOT (NFEOUTCOME3_1 = -2))	Error	NFEOUTCOME3_1 should NOT be -2
R257	((NFEOUTCOME3_2 >= 1) AND (NFEOUTCOME3_2 <= 2)) OR in(NFEOUTCOME3_2, -2, -3)	Error	Invalid value (NFEOUTCOME3_2 should be between (1 and 2) or in (-2,-3))
R257FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (in(NFEOUTCOME3_2, -2, -3))	Error	NFEOUTCOME3_2 should be -2 or -3
R257FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME3_2 = -2))	Error	NFEOUTCOME3_2 should NOT be -2
R258	((NFEOUTCOME3_3 >= 1) AND (NFEOUTCOME3_3 <= 2)) OR in(NFEOUTCOME3_3, -2, -3)	Error	Invalid value (NFEOUTCOME3_3 should be between (1 and 2) or in (-2,-3))
R258FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (in(NFEOUTCOME3_3, -2, -3))	Error	NFEOUTCOME3_3 should be -2 or -3
R258FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME3_3 = -2))	Error	NFEOUTCOME3_3 should NOT be -2
R259	((NFEOUTCOME3_4 >= 1) AND (NFEOUTCOME3_4 <= 2)) OR in(NFEOUTCOME3_4, -2, -3)	Error	Invalid value (NFEOUTCOME3_4 should be between (1 and 2) or in (-2,-3))
R259FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (in(NFEOUTCOME3_4, -2, -3))	Error	NFEOUTCOME3_4 should be -2 or -3
R259FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME3_4 = -2))	Error	NFEOUTCOME3_4 should NOT be -2
R260	((NFEOUTCOME3_5 >= 1) AND (NFEOUTCOME3_5 <= 2)) OR in(NFEOUTCOME3_5, -2, -3)	Error	Invalid value (NFEOUTCOME3_5 should be between (1 and 2) or in (-2,-3))
R260FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (in(NFEOUTCOME3_5, -2, -3))	Error	NFEOUTCOME3_5 should be -2 or -3
R260FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1 AND in(NFEWORKTIME3, 1, 2, 3, 4))) -> (NOT (NFEOUTCOME3_5 = -2))	Error	NFEOUTCOME3_5 should NOT be -2
R261	((NFEOUTCOME3_6 >= 1) AND (NFEOUTCOME3_6 <= 2)) OR in(NFEOUTCOME3_6, -2, -3)	Error	Invalid value (NFEOUTCOME3_6 should be between (1 and 2) or in (-2,-3))
R261FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (in(NFEOUTCOME3_6, -2, -3))	Error	NFEOUTCOME3_6 should be -2 or -3
R261FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (NOT (NFEOUTCOME3_6 = -2))	Error	NFEOUTCOME3_6 should NOT be -2
R262	((NFEOUTCOME3_7 >= 1) AND (NFEOUTCOME3_7 <= 2)) OR in(NFEOUTCOME3_7, -2, -3)	Error	Invalid value (NFEOUTCOME3_7 should be between (1 and 2) or in (-2,-3))

R262FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (in(NFEOUTCOME3_7, -2, -3))	Error	NFEOUTCOME3_7 should be -2 or -3
R262FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (NOT (NFEOUTCOME3_7 = -2))	Error	NFEOUTCOME3_7 should NOT be -2
R263	((NFEOUTCOME3_8 >= 1) AND (NFEOUTCOME3_8 <= 2)) OR in(NFEOUTCOME3_8, -2, -3)	Error	Invalid value (NFEOUTCOME3_8 should be between (1 and 2) or in (-2,-3))
R263FA	(NOT (NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (in(NFEOUTCOME3_8, -2, -3))	Error	NFEOUTCOME3_8 should be -2 or -3
R263FB	((NFERAND3 <> -2 AND NFEOUTCOME3 <> -1)) -> (NOT (NFEOUTCOME3_8 = -2))	Error	NFEOUTCOME3_8 should NOT be -2
R264	in(DIFFICULTY, 1, 2, 3, 4) OR (DIFFICULTY = -1)	Error	Invalid value (DIFFICULTY should be in (1,2,3,4) or in (-1))
R265	((DIFFTYPE >= 0) AND (DIFFTYPE <= 11)) OR in(DIFFTYPE, -1, -2)	Error	Invalid value (DIFFTYPE should be between (0 and 11) or in (-1,-2))
R265FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)))) -> (DIFFTYPE = -2)	Error	DIFFTYPE should be -2
R265FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)))) -> (NOT (DIFFTYPE = -2))	Error	DIFFTYPE should NOT be -2
R266	((DIFFTYPE_01 >= 1) AND (DIFFTYPE_01 <= 2)) OR (DIFFTYPE_01 = -2)	Error	Invalid value (DIFFTYPE_01 should be between (1 and 2) or in (-2))
R266FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_01 = -2)	Error	DIFFTYPE_01 should be -2
R266FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_01 = -2))	Error	DIFFTYPE_01 should NOT be -2
R267	((DIFFTYPE_02 >= 1) AND (DIFFTYPE_02 <= 2)) OR (DIFFTYPE_02 = -2)	Error	Invalid value (DIFFTYPE_02 should be between (1 and 2) or in (-2))
R267FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_02 = -2)	Error	DIFFTYPE_02 should be -2
R267FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_02 = -2))	Error	DIFFTYPE_02 should NOT be -2
R268	((DIFFTYPE_03 >= 1) AND (DIFFTYPE_03 <= 2)) OR (DIFFTYPE_03 = -2)	Error	Invalid value (DIFFTYPE_03 should be between (1 and 2) or in (-2))
R268FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_03 = -2)	Error	DIFFTYPE_03 should be -2
R268FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_03 = -2))	Error	DIFFTYPE_03 should NOT be -2
R269	((DIFFTYPE_04 >= 1) AND (DIFFTYPE_04 <= 2)) OR (DIFFTYPE_04 = -2)	Error	Invalid value (DIFFTYPE_04 should be between (1 and 2) or in (-2))
R269FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_04 = -2)	Error	DIFFTYPE_04 should be -2
R269FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_04 = -2))	Error	DIFFTYPE_04 should NOT be -2
R270	((DIFFTYPE_05 >= 1) AND (DIFFTYPE_05 <= 2)) OR (DIFFTYPE_05 = -2)	Error	Invalid value (DIFFTYPE_05 should be between (1 and 2) or in (-2))

R270FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_05 = -2)	Error	DIFFTYPE_05 should be -2
R270FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_05 = -2))	Error	DIFFTYPE_05 should NOT be -2
R271	((DIFFTYPE_06 >= 1) AND (DIFFTYPE_06 <= 2)) OR (DIFFTYPE_06 = -2)	Error	Invalid value (DIFFTYPE_06 should be between (1 and 2) or in (-2))
R271FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_06 = -2)	Error	DIFFTYPE_06 should be -2
R271FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_06 = -2))	Error	DIFFTYPE_06 should NOT be -2
R272	((DIFFTYPE_07 >= 1) AND (DIFFTYPE_07 <= 2)) OR (DIFFTYPE_07 = -2)	Error	Invalid value (DIFFTYPE_07 should be between (1 and 2) or in (-2))
R272FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_07 = -2)	Error	DIFFTYPE_07 should be -2
R272FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_07 = -2))	Error	DIFFTYPE_07 should NOT be -2
R273	((DIFFTYPE_08 >= 1) AND (DIFFTYPE_08 <= 2)) OR (DIFFTYPE_08 = -2)	Error	Invalid value (DIFFTYPE_08 should be between (1 and 2) or in (-2))
R273FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_08 = -2)	Error	DIFFTYPE_08 should be -2
R273FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_08 = -2))	Error	DIFFTYPE_08 should NOT be -2
R274	((DIFFTYPE_09 >= 1) AND (DIFFTYPE_09 <= 2)) OR (DIFFTYPE_09 = -2)	Error	Invalid value (DIFFTYPE_09 should be between (1 and 2) or in (-2))
R274FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_09 = -2)	Error	DIFFTYPE_09 should be -2
R274FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_09 = -2))	Error	DIFFTYPE_09 should NOT be -2
R275	((DIFFTYPE_10 >= 1) AND (DIFFTYPE_10 <= 2)) OR (DIFFTYPE_10 = -2)	Error	Invalid value (DIFFTYPE_10 should be between (1 and 2) or in (-2))
R275FA	(NOT (((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (DIFFTYPE_10 = -2)	Error	DIFFTYPE_10 should be -2
R275FB	((((DIFFICULTY >= 1) AND (DIFFICULTY <= 4)) AND DIFFTYPE <> -1)) -> (NOT (DIFFTYPE_10 = -2))	Error	DIFFTYPE_10 should NOT be -2
R276	((DIFFTYPE_11 >= 1) AND (DIFFTYPE_11 <= 2)) OR (DIFFTYPE_11 = -2)	Error	Invalid value (DIFFTYPE_11 should be between (1 and 2) or in (-2))
R276FA	(NOT (in(DIFFICULTY, 1, 3) AND DIFFTYPE <> -1)) -> (DIFFTYPE_11 = -2)	Error	DIFFTYPE_11 should be -2
R276FB	(in(DIFFICULTY, 1, 3) AND DIFFTYPE <> -1) -> (NOT (DIFFTYPE_11 = -2))	Error	DIFFTYPE_11 should NOT be -2
R277	((DIFFMAIN >= 1) AND (DIFFMAIN <= 11)) OR in(DIFFMAIN, -1, -2)	Error	Invalid value (DIFFMAIN should be

			between (1 and 11) or in (-1,-2))
R277FA	(NOT (((DIFFTYPE >= 1) AND (DIFFTYPE <= 11)))) -> (DIFFMAIN = -2)	Error	DIFFMAIN should be -2
R277FB	((((DIFFTYPE >= 1) AND (DIFFTYPE <= 11)))) -> (NOT (DIFFMAIN = -2))	Error	DIFFMAIN should NOT be -2
R278	in(INF, 1, 2, 3) OR (INF = -1)	Error	Invalid value (INF should be in (1,2,3) or in (-1))
R279	((INFFIELD1 >= 010) AND (INFFIELD1 <= 999)) OR in(INFFIELD1, -1, -2)	Error	Invalid value (INFFIELD1 should be between (010 and 999) or in (-2))
R279A	in(INFFIELD1, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(INFFIELD1, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable INFFIELD1
R279FA	(NOT in(INF,1,2)) -> (INFFIELD1 = -2)	Error	INFFIELD1 should be -2
R279FB	(in(INF,1,2)) -> (NOT (INFFIELD1 = -2))	Error	INFFIELD1 should NOT be -2
R280	in(INFPURP1, 1, 2) OR (INFPURP1 = -2)	Error	Invalid value (INFPURP1 should be in (1,2) or in (-2))
R280FA	(NOT in(INF,1,2)) -> (INFPURP1 = -2)	Error	INFPURP1 should be -2
R280FB	(in(INF,1,2)) -> (NOT (INFPURP1 = -2))	Error	INFPURP1 should NOT be -2
R281	in(INFMETHOD1, 1, 2, 3, 4) OR (INFMETHOD1 = -2)	Error	Invalid value (INFMETHOD1 should be in (1,2,3,4) or in (-2))
R281FA	(NOT in(INF,1,2)) -> (INFMETHOD1 = -2)	Error	INFMETHOD1 should be -2
R281FB	(in(INF,1,2)) -> (NOT (INFMETHOD1 = -2))	Error	INFMETHOD1 should NOT be -2
R282	((INFFIELD2 >= 010) AND (INFFIELD2 <= 999)) OR (INFFIELD2 = -2)	Error	Invalid value (INFFIELD2 should be between (010 and 999) or in (-2))
R282A	in(INFFIELD2, 010, 080, 090, 140, 210, 220, 222, 310, 320, 340, 380, 420, 440, 460, 481, 482, 520, 540, 580, 620, 640, 720, 760, 810, 840, 850, 860, 999) OR in(INFFIELD2, -1, -2)	Warning	If not used optional codes 010 - 863 then invalid value in variable INFFIELD2
R282FA	(NOT (INF = 2)) -> (INFFIELD2 = -2)	Error	INFFIELD2 should be -2
R282FB	((INF = 2)) -> (NOT (INFFIELD2 = -2))	Error	INFFIELD2 should NOT be -2
R283	in(INFPURP2, 1, 2) OR (INFPURP2 = -2)	Error	Invalid value (INFPURP2 should be in (1,2) or in (-2))
R283FA	(NOT (INF = 2)) -> (INFPURP2 = -2)	Error	INFPURP2 should be -2
R283FB	((INF = 2)) -> (NOT (INFPURP2 = -2))	Error	INFPURP2 should NOT be -2
R284	in(INFMETHOD2, 1, 2, 3, 4) OR (INFMETHOD2 = -2)	Error	Invalid value (INFMETHOD2 should be in (1,2,3,4) or in (-2))
R284FA	(NOT (INF = 2)) -> (INFMETHOD2 = -2)	Error	INFMETHOD2 should be -2
R284FB	((INF = 2)) -> (NOT (INFMETHOD2 = -2))	Error	INFMETHOD2 should NOT be -2
R285	((ICTCOMPUTER >= 0) AND (ICTCOMPUTER <= 10)) OR (ICTCOMPUTER = -1)	Error	Invalid value (ICTCOMPUTER should be between (0 and 10) or in (-1))
R286	((ICTCOMPUTER_1 >= 1) AND (ICTCOMPUTER_1 <= 2)) OR (ICTCOMPUTER_1 = -2)	Error	Invalid value (ICTCOMPUTER_1

			should be between (1 and 2) or in (-2))
R286FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_1 = -2)	Error	ICTCOMPUTER_1 should be -2
R286FB	((ICTCOMPUTER<>-1))->(NOT(ICTCOMPUTER_1=-2))	Error	ICTCOMPUTER_1 should NOT be -2
R287	((ICTCOMPUTER_2 >= 1) AND (ICTCOMPUTER_2 <= 2)) OR (ICTCOMPUTER_2 = -2)	Error	Invalid value (ICTCOMPUTER_2 should be between (1 and 2) or in (-2))
R287FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_2 = -2)	Error	ICTCOMPUTER_2 should be -2
R287FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_2 = -2))	Error	ICTCOMPUTER_2 should NOT be -2
R288	((ICTCOMPUTER_3 >= 1) AND (ICTCOMPUTER_3 <= 2)) OR (ICTCOMPUTER_3 = -2)	Error	Invalid value (ICTCOMPUTER_3 should be between (1 and 2) or in (-2))
R288FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_3 = -2)	Error	ICTCOMPUTER_3 should be -2
R288FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_3 = -2))	Error	ICTCOMPUTER_3 should NOT be -2
R289	((ICTCOMPUTER_4 >= 1) AND (ICTCOMPUTER_4 <= 2)) OR (ICTCOMPUTER_4 = -2)	Error	Invalid value (ICTCOMPUTER_4 should be between (1 and 2) or in (-2))
R289FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_4 = -2)	Error	ICTCOMPUTER_4 should be -2
R289FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_4 = -2))	Error	ICTCOMPUTER_4 should NOT be -2
R290	((ICTCOMPUTER_5 >= 1) AND (ICTCOMPUTER_5 <= 2)) OR (ICTCOMPUTER_5 = -2)	Error	Invalid value (ICTCOMPUTER_5 should be between (1 and 2) or in (-2))
R290FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_5 = -2)	Error	ICTCOMPUTER_5 should be -2
R290FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_5 = -2))	Error	ICTCOMPUTER_5 should NOT be -2
R291	((ICTCOMPUTER_6 >= 1) AND (ICTCOMPUTER_6 <= 2)) OR (ICTCOMPUTER_6 = -2)	Error	Invalid value (ICTCOMPUTER_6 should be between (1 and 2) or in (-2))
R291FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_6 = -2)	Error	ICTCOMPUTER_6 should be -2
R291FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_6 = -2))	Error	ICTCOMPUTER_6 should NOT be -2
R292	((ICTCOMPUTER_7 >= 1) AND (ICTCOMPUTER_7 <= 2)) OR (ICTCOMPUTER_7 = -2)	Error	Invalid value (ICTCOMPUTER_7 should be between (1 and 2) or in (-2))
R292FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_7 = -2)	Error	ICTCOMPUTER_7 should be -2
R292FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_7 = -2))	Error	ICTCOMPUTER_7 should NOT be -2
R293	((ICTCOMPUTER_8 >= 1) AND (ICTCOMPUTER_8 <= 2)) OR (ICTCOMPUTER_8 = -2)	Error	Invalid value (ICTCOMPUTER_8 should be between (1 and 2) or in (-2))
R293FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_8 = -2)	Error	ICTCOMPUTER_8 should be -2
R293FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_8 = -2))	Error	ICTCOMPUTER_8 should NOT be -2
R294	((ICTCOMPUTER_9 >= 1) AND (ICTCOMPUTER_9 <= 2)) OR (ICTCOMPUTER_9 = -2)	Error	Invalid value (ICTCOMPUTER_9 should be between (1 and 2) or in (-2))
R294FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_9 = -2)	Error	ICTCOMPUTER_9 should be -2
R294FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_9 = -2))	Error	ICTCOMPUTER_9 should NOT be -2
R295	((ICTCOMPUTER_10 >= 1) AND (ICTCOMPUTER_10 <= 2)) OR (ICTCOMPUTER_10 = -2)	Error	Invalid value (ICTCOMPUTER_10 should be between (1 and 2) or in (-2))

R295FA	(NOT (ICTCOMPUTER <> -1)) -> (ICTCOMPUTER_10 = -2)	Error	ICTCOMPUTER_10 should be -2
R295FB	((ICTCOMPUTER <> -1)) -> (NOT (ICTCOMPUTER_10 = -2))	Error	ICTCOMPUTER_10 should NOT be -2
R296	((ICTINTERNET >= 0) AND (ICTINTERNET <= 8)) OR in(ICTINTERNET, -1, -2, -3)	Error	Invalid value (ICTINTERNET should be between (0 and 8) or in (-1,-2,-3))
R297	((ICTINTERNET_1 >= 1) AND (ICTINTERNET_1 <= 2)) OR in(ICTINTERNET_1, -2, -3)	Error	Invalid value (ICTINTERNET_1 should be between (1 and 2) or in (-2))
R297FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_1, -2, -3))	Error	ICTINTERNET_1 should be -2 or -3
R297FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_1 = -2))	Error	ICTINTERNET_1 should NOT be -2
R298	((ICTINTERNET_2 >= 1) AND (ICTINTERNET_2 <= 2)) OR in(ICTINTERNET_2, -2, -3)	Error	Invalid value (ICTINTERNET_2 should be between (1 and 2) or in (-2))
R298FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_2, -2, -3))	Error	ICTINTERNET_2 should be -2 or -3
R298FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_2 = -2))	Error	ICTINTERNET_2 should NOT be -2
R299	((ICTINTERNET_3 >= 1) AND (ICTINTERNET_3 <= 2)) OR in(ICTINTERNET_3, -2,-3)	Error	Invalid value (ICTINTERNET_3 should be between (1 and 2) or in (-2))
R299FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_3, -2, -3))	Error	ICTINTERNET_3 should be -2 or -3
R299FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_3 = -2))	Error	ICTINTERNET_3 should NOT be -2
R300	((ICTINTERNET_4 >= 1) AND (ICTINTERNET_4 <= 2)) OR in(ICTINTERNET_4, -2, -3)	Error	Invalid value (ICTINTERNET_4 should be between (1 and 2) or in (-2))
R300FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_4, -2, -3))	Error	ICTINTERNET_4 should be -2 or -3
R300FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_4 = -2))	Error	ICTINTERNET_4 should NOT be -2
R301	((ICTINTERNET_5 >= 1) AND (ICTINTERNET_5 <= 2)) OR in(ICTINTERNET_5, -2, -3)	Error	Invalid value (ICTINTERNET_5 should be between (1 and 2) or in (-2))
R301FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_5, -2, -3))	Error	ICTINTERNET_5 should be -2 or -3
R301FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_5 = -2))	Error	ICTINTERNET_5 should NOT be -2
R302	((ICTINTERNET_6 >= 1) AND (ICTINTERNET_6 <= 2)) OR in(ICTINTERNET_6, -2, -3)	Error	Invalid value (ICTINTERNET_6 should be between (1 and 2) or in (-2))
R302FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_6, -2, -3))	Error	ICTINTERNET_6 should be -2 or -3
R302FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_6 = -2))	Error	ICTINTERNET_6 should NOT be -2
R303	((ICTINTERNET_7 >= 1) AND (ICTINTERNET_7 <= 2)) OR in(ICTINTERNET_7, -2, -3)	Error	Invalid value (ICTINTERNET_7 should be between (1 and 2) or in (-2))
R303FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_7, -2, -3))	Error	ICTINTERNET_7 should be -2 or -3
R303FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_7 = -2))	Error	ICTINTERNET_7 should NOT be -2
R304	((ICTINTERNET_8 >= 1) AND (ICTINTERNET_8 <= 2)) OR in(ICTINTERNET_8, -2, -3)	Error	Invalid value (ICTINTERNET_8 should be between (1 and 2) or in (-2))
R304FA	(NOT (ICTINTERNET <> -1)) -> (in(ICTINTERNET_8, -2, -3))	Error	ICTINTERNET_8 should be -2 or -3
R304FB	((ICTINTERNET <> -1)) -> (NOT (ICTINTERNET_8 = -2))	Error	ICTINTERNET_8 should NOT be -2
R305	inLookup(LANGMOTHER1, LANGUAGES, "CODE")	Error	Invalid value (LANGMOTHER1 should

			be a valid language code)
R306	(LANGMOTHER2 = "000") or inLookup(LANGMOTHER2, LANGUAGES, "CODE")	Error	Invalid value (LANGMOTHER2 should be a valid language code or 000)
R307	((LANGUSED >= 0) AND (LANGUSED <= 98)) OR (LANGUSED = -1)	Error	Invalid value (LANGUSED should be between (0 and 98) or in (-1))
R308	(LANGUSED_1 = "000") or inLookup(LANGUSED_1, LANGUAGES, "CODE") OR (LANGUSED_1 = "-2")	Error	Invalid value (LANGUSED_1should be a valid language code or 000 or (-2))
R308FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_1 = "-2")	Error	LANGUSED_1 should be -2
R308FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_1 = "-2"))	Error	LANGUSED_1 should NOT be -2
R309	(LANGUSED_2 = "000") or inLookup(LANGUSED_2, LANGUAGES, "CODE") OR (LANGUSED_2 = "-2")	Error	Invalid value (LANGUSED_2 should be a valid language code or 000 or (-2))
R309FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_2 = "-2")	Error	LANGUSED_2 should be -2
R309FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_2 = "-2"))	Error	LANGUSED_2 should NOT be -2
R310	(LANGUSED_3 = "000") or inLookup(LANGUSED_3, LANGUAGES, "CODE") OR (LANGUSED_3 = "-2")	Error	Invalid value (LANGUSED_3 should be a valid language code or 000 or (-2))
R310FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_3 = "-2")	Error	LANGUSED_3 should be -2
R310FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_3 = "-2"))	Error	LANGUSED_3 should NOT be -2
R311	(LANGUSED_4 = "000") or inLookup(LANGUSED_4, LANGUAGES, "CODE") OR (LANGUSED_4 = "-2")	Error	Invalid value (LANGUSED_4 should be a valid language code or 000 or (-2))
R311FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_4 = "-2")	Error	LANGUSED_4 should be -2
R311FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_4 = "-2"))	Error	LANGUSED_4 should NOT be -2
R312	(LANGUSED_5 = "000") or inLookup(LANGUSED_5, LANGUAGES, "CODE") OR (LANGUSED_5 = "-2")	Error	Invalid value (LANGUSED_5 should be a valid language code or 000 or (-2))
R312FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_5 = "-2")	Error	LANGUSED_5 should be -2
R312FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_5 = "-2"))	Error	LANGUSED_5 should NOT be -2
R313	(LANGUSED_6 = "000") or inLookup(LANGUSED_6, LANGUAGES, "CODE") OR (LANGUSED_6 = "-2")	Error	Invalid value (LANGUSED_6 should be a valid language code or 000 or (-2))
R313FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_6 = "-2")	Error	LANGUSED_6 should be -2
R313FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_6 = "-2"))	Error	LANGUSED_6 should NOT be -2
R314	(LANGUSED_7 = "000") or inLookup(LANGUSED_7, LANGUAGES, "CODE") OR (LANGUSED_7 = "-2")	Error	Invalid value (LANGUSED_7 should be a valid language code or 000 or (-2))
R314FA	(NOT (LANGUSED <> -1)) -> (LANGUSED_7 = "-2")	Error	LANGUSED_7 should be -2
R314FB	((LANGUSED <> -1)) -> (NOT (LANGUSED_7 = "-2"))	Error	LANGUSED_7 should NOT be -2
R315	inLookup(LANGBEST1, LANGUAGES, "CODE") OR in(LANGBEST1, "-1", "-2")	Error	Invalid value (LANGBEST1 should be a valid language code or 000 or (-1,-2))
R315FA	(NOT (LANGUSED >= 1)) -> (LANGBEST1 = "-2")	Error	LANGBEST1 should be -2
R315FB	((LANGUSED >= 1)) -> (NOT (LANGBEST1 = "-2"))	Error	LANGBEST1 should NOT be -2

R316	in(LANGLEVEL1,1,2,3)ORin(LANGLEVEL1,-1,-2)	Error	Invalid value (LANGLEVEL1 should be in (1,2,3) or in (-1,-2))
R316FA	(NOT (NOT in(LANGBEST1, "-1", "-2"))) -> (LANGLEVEL1 = -2)	Error	LANGLEVEL1 should be -2
R316FB	((NOT in(LANGBEST1, "-1", "-2"))) -> (NOT (LANGLEVEL1 = -2))	Error	LANGLEVEL1 should NOT be -2
R317	inLookup(LANGBEST2, LANGUAGES, "CODE") OR in(LANGBEST2, "-1", "-2")	Error	Invalid value (LANGBEST2 should be valid language code or 000 or (-1,-2))
R317FA	(NOT (LANGUSED >= 2)) -> (LANGBEST2 = "-2")	Error	LANGBEST2 should be -2
R317FB	((LANGUSED >= 2)) -> (NOT (LANGBEST2 = "-2"))	Error	LANGBEST2 should NOT be -2
R318	in(LANGLEVEL2, 1, 2, 3) OR in(LANGLEVEL2, -1, -2)	Error	Invalid value (LANGLEVEL2 should be in (1,2,3) or in (-1,-2))
R318FA	(NOT (NOT in(LANGBEST2, "-1", "-2"))) -> (LANGLEVEL2 = -2)	Error	LANGLEVEL2 should be -2
R318FB	((NOT in(LANGBEST2, "-1", "-2"))) -> (NOT (LANGLEVEL2 = -2))	Error	LANGLEVEL2 should NOT be -2
R319	inLookup(OTHERLANG, LANGUAGES, "CODE") OR in(OTHERLANG, "-1", "-2", "-3")	Error	Invalid value (OTHERLANG should be valid language code or 000 or (-1,-2,-3))
R319FA	(NOT (LANGUSED >= 2)) -> (in(OTHERLANG, "-2", "-3"))	Error	OTHERLANG should be -2 or -3
R319FB	((LANGUSED >= 2)) -> (NOT (OTHERLANG = "-2"))	Error	OTHERLANG should NOT be -2
R320	in(OTHERLANGLEVEL, 1, 2, 3) OR in(OTHERLANGLEVEL, -1, -2, -3)	Error	Invalid value (OTHERLANGLEVEL should be in (1,2,3) or in (-1,-2,-3))
R320FA	(NOT (NOT in(OTHERLANG, "-1", "-2"))) -> (in(OTHERLANGLEVEL, -2, -3))	Error	OTHERLANGLEVEL should be -2 or -3
R320FB	(NOT in(OTHERLANG, "-1", "-2")) -> (NOT (OTHERLANGLEVEL = -2))	Error	OTHERLANGLEVEL should NOT be -2
R321	in(CULTPAR1, 1, 2, 3) OR in(CULTPAR1, -1, -3)	Error	Invalid value (CULTPAR1 should be in (1,2,3) or in (-1,-3))
R322	in(CULTPAR2, 1, 2, 3) OR in(CULTPAR2, -1, -3)	Error	Invalid value (CULTPAR2 should be in (1,2,3) or in (-1,-3))
R323	in(CULTPAR3, 1, 2, 3) OR in(CULTPAR3, -1, -3)	Error	Invalid value (CULTPAR3 should be in (1,2,3) or in (-1,-3))
R324	in(CULTPAR4, 1, 2, 3) OR in(CULTPAR4, -1, -3)	Error	Invalid value (CULTPAR4 should be in (1,2,3) or in (-1,-3))
R325	in(CULTNEWS, 1, 2, 3, 4, 5) OR in(CULTNEWS, -1, -3)	Error	Invalid value (CULTNEWS should be in (1,2,3,4,5) or in (-1,-3))
R326	in(CULTBOOK, 1, 2) OR in(CULTBOOK, -1, -3)	Error	Invalid value (CULTBOOK should be in (1,2) or in -1,-3))
R327	in(CULTBOOKNUM, 1, 2, 3) OR in(CULTBOOKNUM, -1, -2, -3)	Error	Invalid value (CULTBOOKNUM should be in (1,2,3) or in (-1,-2,-3))
R327FA	(NOT (CULTBOOK = 1)) -> (in(CULTBOOKNUM, -2, -3))	Error	CULTBOOKNUM should be -2 or -3
R327FB	((CULTBOOK = 1)) -> (NOT (CULTBOOKNUM = -2))	Error	CULTBOOKNUM should NOT be -2
R328	((SOCIALPAR >= 0) AND (SOCIALPAR <= 6)) OR in(SOCIALPAR, -1, -3)	Error	Invalid value (SOCIALPAR should be between (0 and 6) or in (-1,-3))

R329	((SOCIALPAR_1 >= 1) AND (SOCIALPAR_1 <= 2)) OR in(SOCIALPAR_1, -2, -3)	Error	Invalid value (SOCIALPAR_1 should be between (1 and 2) or in (-2,-3))
R329FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_1, -2, -3))	Error	SOCIALPAR_1 should be -2 or -3
R329FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_1 = -2))	Error	SOCIALPAR_1 should NOT be -2
R330	((SOCIALPAR_2 >= 1) AND (SOCIALPAR_2 <= 2)) OR in(SOCIALPAR_2, -2, -3)	Error	Invalid value (SOCIALPAR_2 should be between (1 and 2) or in (-2,-3))
R330FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_2, -2, -3))	Error	SOCIALPAR_2 should be -2 or -3
R330FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_2 = -2))	Error	SOCIALPAR_2 should NOT be -2
R331	((SOCIALPAR_3 >= 1) AND (SOCIALPAR_3 <= 2)) OR in(SOCIALPAR_3, -2, -3)	Error	Invalid value (SOCIALPAR_3 should be between (1 and 2) or in (-2,-3))
R331FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_3, -2, -3))	Error	SOCIALPAR_3 should be -2 or -3
R331FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_3 = -2))	Error	SOCIALPAR_3 should NOT be -2
R332	((SOCIALPAR_4 >= 1) AND (SOCIALPAR_4 <= 2)) OR in(SOCIALPAR_4, -2, -3)	Error	Invalid value (SOCIALPAR_4 should be between (1 and 2) or in (-2,-3))
R332FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_4, -2, -3))	Error	SOCIALPAR_4 should be -2 or -3
R332FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_4 = -2))	Error	SOCIALPAR_4 should NOT be -2
R333	((SOCIALPAR_5 >= 1) AND (SOCIALPAR_5 <= 2)) OR in(SOCIALPAR_5, -2, -3)	Error	Invalid value (SOCIALPAR_5 should be between (1 and 2) or in (-2,-3))
R333FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_5, -2, -3))	Error	SOCIALPAR_5 should be -2 or -3
R333FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_5 = -2))	Error	SOCIALPAR_5 should NOT be -2
R334	((SOCIALPAR_6 >= 1) AND (SOCIALPAR_6 <= 2)) OR in(SOCIALPAR_6, -2, -3)	Error	Invalid value (SOCIALPAR_6 should be between (1 and 2) or in (-2,-3))
R334FA	(NOT (SOCIALPAR <> -1)) -> (in(SOCIALPAR_6, -2, -3))	Error	SOCIALPAR_6 should be -2 or -3
R334FB	((SOCIALPAR <> -1)) -> (NOT (SOCIALPAR_6 = -2))	Error	SOCIALPAR_6 should NOT be -2
RL501	(HHTYPE = 10 and NOT(HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHNBPERS_65PLUS = -1)) -> ((HHNBPERS_16_24 + HHNBPERS_25_64 + HHNBPERS_65PLUS = 1))	Warning	Single household, but number of persons in household is not 1
RL502	(HHTYPE = 21 and NOT(HHNBPERS_0_4 = -1 OR HHNBPERS_5_13 = -1 OR HHNBPERS_14_15 = -1 OR HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHNBPERS_65PLUS = -1)) -> ((HHNBPERS_0_4 + HHNBPERS_5_13 + HHNBPERS_14_15 + HHNBPERS_16_24 + HHNBPERS_25_64 + HHNBPERS_65PLUS >= 2))	Warning	Lone parent with child(ren), but number of persons in household is less than 2
RL503	(HHTYPE = 22 and NOT(HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHNBPERS_65PLUS = -1)) -> ((HHNBPERS_16_24 + HHNBPERS_25_64 + HHNBPERS_65PLUS = 2))	Warning	Couple without child(ren), but number of persons in household is not 2
RL504	(HHTYPE = 23 and NOT(HHNBPERS_0_4 = -1 OR HHNBPERS_5_13 = -1 OR HHNBPERS_14_15 = -1 OR HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHNBPERS_65PLUS = -1)) -> ((HHNBPERS_0_4 + HHNBPERS_5_13 +	Warning	Couple with child(ren), but number of persons in household is less than 3

	HHNBPERS_14_15 + HHNBPERS_16_24 + HHNBPERS_25_64 + HHNBPERS_65PLUS >= 3))		
RL505	(HHTYPE = 24 and NOT(HHNBPERS_0_4 = -1 OR HHNBPERS_5_13 = -1 OR HHNBPERS_14_15 = -1 OR HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHNBPERS_65PLUS = -1)) -> ((HHNBPERS_0_4 + HHNBPERS_5_13 + HHNBPERS_14_15 + HHNBPERS_16_24 + HHNBPERS_25_64 + HHNBPERS_65PLUS >= 3))	Warning	Couple or lone parent with child(ren) aged less than 25 and other persons, but number of persons in household is less than 3
RL510	(NOT(HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHLABOUR_EMP = -1)) -> (HHLABOUR_EMP <= (HHNBPERS_16_24 + HHNBPERS_25_64))	Warning	More persons in the household who are at work than persons aged 16-64
RL511	(NOT(HHNBPERS_16_24 = -1 OR HHNBPERS_25_64 = -1 OR HHLABOUR_NEMP = -1)) -> (HHLABOUR_NEMP <= (HHNBPERS_16_24 + HHNBPERS_25_64))	Warning	More persons in the household who are unemployed or inactive than persons aged 16-64
RL515	((REFYEAR - BIRTHYEAR) >= 17 and (REFYEAR - BIRTHYEAR) <= 23) -> (HHNBPERS_16_24 > 0 or HHNBPERS_16_24 = -1)	Warning	HHNBPERS_16_24 should be greater than 0
RL516	((REFYEAR - BIRTHYEAR) >= 26 and (REFYEAR - BIRTHYEAR) <= 63) -> (HHNBPERS_25_64 > 0 or HHNBPERS_25_64 = -1)	Warning	HHNBPERS_25_64 should be greater than 0
RL517	((REFYEAR - BIRTHYEAR) >= 66) -> (HHNBPERS_65PLUS > 0 or HHNBPERS_65PLUS = -1)	Warning	HHNBPERS_65PLUS should be greater than 0
RL518	((REFYEAR - BIRTHYEAR) >= 17 and (REFYEAR - BIRTHYEAR) <= 63 and NOT (HHLABOUR_EMP = -1 OR HHLABOUR_NEMP = -1)) -> ((HHLABOUR_EMP + HHLABOUR_NEMP) > 0)	Warning	(HHLABOUR_EMP + HHLABOUR_NEMP) should be greater than 0
RL520	NOT (BIRTHPLACE = COUNTRY)	Error	BIRTHPLACE same as COUNTRY: should be coded 0
RL521	NOT (CITIZEN = COUNTRY)	Error	CITIZEN same as COUNTRY: should be coded 0
RL525	(MARSTALEGAL = 2) -> (NOT (MARSTADEFACTO = 1))	Warning	MARSTALEGAL and MARSTADFACTO are incoherent
RL526	(HATYEAR >= 1950) -> (HATYEAR > BIRTHYEAR + 10)	Warning	HATYEAR should be greater than BIRTHYEAR + 10
RL527	(HATLEVEL > 0 AND DROPLEVEL > 0) -> (DROPLEVEL > HATLEVEL)	Warning	DROPLEVEL should be higher than HATLEVEL
RL528	(JOBTIME >= 1950) -> (JOBTIME > BIRTHYEAR + 12)	Warning	JOBTIME should be greater than BIRTHYEAR + 12
RL529	(JOBTIME >= 1950 and HATYEAR >= 1950) -> (JOBTIME > HATYEAR - 5)	Warning	JOBTIME should be equal or greater than HATYEAR
RL550	(SEEKSOURCE = 0) -> (SEEKSOURCE_1 = 2 and SEEKSOURCE_2 = 2 and SEEKSOURCE_3 = 2 and SEEKSOURCE_4 = 2 and SEEKSOURCE_5 = 2 and SEEKSOURCE_6 = 2 and SEEKSOURCE_7 = 2)	Error	None of the responses for SEEKSOURCE should be selected
RL551	(SEEKSOURCE > 0) -> (SEEKSOURCE_1 = 1 or SEEKSOURCE_2 = 1 or SEEKSOURCE_3 = 1 or SEEKSOURCE_4 = 1 or SEEKSOURCE_5 = 1 or SEEKSOURCE_6 = 1 or	Error	The specified number of the responses for SEEKSOURCE should be selected

	SEEKSOURCE_7 = 1)		
RL552	(FEDREASON = 0) -> (FEDREASON_01 = 2 and FEDREASON_02 = 2 and FEDREASON_03 = 2 and FEDREASON_04 = 2 and FEDREASON_05 = 2 and FEDREASON_06 = 2 and FEDREASON_07 = 2 and FEDREASON_08 = 2 and FEDREASON_09 = 2)	Error	None of the responses for FEDREASON should be selected
RL553	(FEDREASON > 0) -> (FEDREASON_01 = 1 or FEDREASON_02 = 1 or FEDREASON_03 = 1 or FEDREASON_04 = 1 or FEDREASON_05 = 1 or FEDREASON_06 = 1 or FEDREASON_07 = 1 or FEDREASON_08 = 1 or FEDREASON_09 = 1)	Error	The specified number of the responses for FEDREASON should be selected
RL554	(FEDPAIDBY = 0) -> (FEDPAIDBY_1 = 2 and FEDPAIDBY_2 = 2 and FEDPAIDBY_3 = 2 and FEDPAIDBY_4 = 2 and FEDPAIDBY_5 = 2)	Error	None of the responses for FEDPAIDBY should be selected
RL555	(FEDPAIDBY > 0) -> (FEDPAIDBY_1 = 1 or FEDPAIDBY_2 = 1 or FEDPAIDBY_3 = 1 or FEDPAIDBY_4 = 1 or FEDPAIDBY_5 = 1)	Error	The specified number of the responses for FEDPAIDBY should be selected
RL556	(FEDUNSATREASON = 0) -> (FEDUNSATREASON_1 = 2 and FEDUNSATREASON_2 = 2 and FEDUNSATREASON_3 = 2 and FEDUNSATREASON_4 = 2 and FEDUNSATREASON_5 = 2)	Error	None of the responses for FEDUNSATREASON should be selected
RL557	(FEDUNSATREASON > 0) -> (FEDUNSATREASON_1 = 1 or FEDUNSATREASON_2 = 1 or FEDUNSATREASON_3 = 1 or FEDUNSATREASON_4 = 1 or FEDUNSATREASON_5 = 1)	Error	The specified number of the responses for FEDUNSATREASON should be selected
RL558	(FEDOUTCOME = 0) -> (FEDOUTCOME_1 = 2 and in(FEDOUTCOME_2,2,-2) and in(FEDOUTCOME_3,2,-2) and in(FEDOUTCOME_4,2,-2) and in(FEDOUTCOME_5,2,-2) and FEDOUTCOME_6 = 2 and FEDOUTCOME_7 = 2 and FEDOUTCOME_8 = 2)	Error	None of the responses for FEDOUTCOME should be selected
RL559	(FEDOUTCOME > 0) -> (FEDOUTCOME_1 = 1 or FEDOUTCOME_2 = 1 or FEDOUTCOME_3 = 1 or FEDOUTCOME_4 = 1 or FEDOUTCOME_5 = 1 or FEDOUTCOME_6 = 1 or FEDOUTCOME_7 = 1 or FEDOUTCOME_8 = 1)	Error	The specified number of the responses for FEDOUTCOME should be selected
RL560	(NFEREASON1 = 0) -> (NFEREASON1_01 = 2 and NFEREASON1_02 = 2 and NFEREASON1_03 = 2 and NFEREASON1_04 = 2 and NFEREASON1_05 = 2 and NFEREASON1_06 = 2 and NFEREASON1_07 = 2 and NFEREASON1_08 = 2 and NFEREASON1_09 = 2)	Error	None of the responses for NFEREASON1 should be selected
RL561	(NFEREASON1 > 0) -> (NFEREASON1_01 = 1 or NFEREASON1_02 = 1 or NFEREASON1_03 = 1 or NFEREASON1_04 = 1 or NFEREASON1_05 = 1 or NFEREASON1_06 = 1 or NFEREASON1_07 = 1 or NFEREASON1_08 = 1 or NFEREASON1_09 = 1)	Error	The specified number of the responses for NFEREASON1 should be selected
RL562	(NFEPAIDBY1 = 0) -> (NFEPAIDBY1_1 = 2 and NFEPAIDBY1_2 = 2 and NFEPAIDBY1_3 = 2 and NFEPAIDBY1_4 = 2 and NFEPAIDBY1_5 = 2)	Error	None of the responses for NFEPAIDBY1 should be selected
RL563	(NFEPAIDBY1 > 0) -> (NFEPAIDBY1_1 = 1 or NFEPAIDBY1_2 = 1 or NFEPAIDBY1_3 = 1 or NFEPAIDBY1_4 = 1 or NFEPAIDBY1_5 = 1)	Error	The specified number of the responses for NFEPAIDBY1 should be selected
RL564	(NFEUNSATREASON1 = 0) -> (NFEUNSATREASON1_1 = 2 and NFEUNSATREASON1_2 = 2 and NFEUNSATREASON1_3 = 2 and NFEUNSATREASON1_4 = 2 and NFEUNSATREASON1_5 = 2)	Error	None of the responses for NFEUNSATREASON1 should be selected
RL565	(NFEUNSATREASON1 > 0) -> (NFEUNSATREASON1_1 = 1 or NFEUNSATREASON1_2 =	Error	The specified number of the responses

	1 or NFEUNSATREASON1_3 = 1 or NFEUNSATREASON1_4 = 1 or NFEUNSATREASON1_5 = 1)		for NFEUNSATREASON1 should be selected
RL566	(NFEOUTCOME1 = 0) -> (NFEOUTCOME1_1 = 2 and in(NFEOUTCOME1_2,2,-2) and in(NFEOUTCOME1_3,2,-2) and in(NFEOUTCOME1_4,2,-2) and in(NFEOUTCOME1_5,2,-2) and NFEOUTCOME1_6 = 2 and NFEOUTCOME1_7 = 2 and NFEOUTCOME1_8 = 2)	Error	None of the responses for NFEOUTCOME1 should be selected
RL567	(NFEOUTCOME1 > 0) -> (NFEOUTCOME1_1 = 1 or NFEOUTCOME1_2 = 1 or NFEOUTCOME1_3 = 1 or NFEOUTCOME1_4 = 1 or NFEOUTCOME1_5 = 1 or NFEOUTCOME1_6 = 1 or NFEOUTCOME1_7 = 1 or NFEOUTCOME1_8 = 1)	Error	The specified number of the responses for NFEOUTCOME1 should be selected
RL568	(NFEREASON2 = 0) -> (NFEREASON2_01 = 2 and NFEREASON2_02 = 2 and NFEREASON2_03 = 2 and NFEREASON2_04 = 2 and NFEREASON2_05 = 2 and NFEREASON2_06 = 2 and NFEREASON2_07 = 2 and NFEREASON2_08 = 2 and NFEREASON2_09 = 2)	Error	None of the responses for NFEREASON2 should be selected
RL569	(NFEREASON2 > 0) -> (NFEREASON2_01 = 1 or NFEREASON2_02 = 1 or NFEREASON2_03 = 1 or NFEREASON2_04 = 1 or NFEREASON2_05 = 1 or NFEREASON2_06 = 1 or NFEREASON2_07 = 1 or NFEREASON2_08 = 1 or NFEREASON2_09 = 1)	Error	The specified number of the responses for NFEREASON2 should be selected
RL570	(NFEPAIDBY2 = 0) -> (NFEPAIDBY2_1 = 2 and NFEPAIDBY2_2 = 2 and NFEPAIDBY2_3 = 2 and NFEPAIDBY2_4 = 2 and NFEPAIDBY2_5 = 2)	Error	None of the responses for NFEPAIDBY2 should be selected
RL571	(NFEPAIDBY2 > 0) -> (NFEPAIDBY2_1 = 1 or NFEPAIDBY2_2 = 1 or NFEPAIDBY2_3 = 1 or NFEPAIDBY2_4 = 1 or NFEPAIDBY2_5 = 1)	Error	The specified number of the responses for NFEPAIDBY2 should be selected
RL572	(NFEUNSATREASON2 = 0) -> (NFEUNSATREASON2_1 = 2 and NFEUNSATREASON2_2 = 2 and NFEUNSATREASON2_3 = 2 and NFEUNSATREASON2_4 = 2 and NFEUNSATREASON2_5 = 2)	Error	None of the responses for NFEUNSATREASON2 should be selected
RL573	(NFEUNSATREASON2 > 0) -> (NFEUNSATREASON2_1 = 1 or NFEUNSATREASON2_2 = 1 or NFEUNSATREASON2_3 = 1 or NFEUNSATREASON2_4 = 1 or NFEUNSATREASON2_5 = 1)	Error	The specified number of the responses for NFEUNSATREASON2 should be selected
RL574	(NFEOUTCOME2 = 0) -> (NFEOUTCOME2_1 = 2 and in(NFEOUTCOME2_2,2,-2) and in(NFEOUTCOME2_3,2,-2) and in(NFEOUTCOME2_4,2,-2) and in(NFEOUTCOME2_5,2,-2) and NFEOUTCOME2_6 = 2 and NFEOUTCOME2_7 = 2 and NFEOUTCOME2_8 = 2)	Error	None of the responses for NFEOUTCOME2 should be selected
RL575	(NFEOUTCOME2 > 0) -> (NFEOUTCOME2_1 = 1 or NFEOUTCOME2_2 = 1 or NFEOUTCOME2_3 = 1 or NFEOUTCOME2_4 = 1 or NFEOUTCOME2_5 = 1 or NFEOUTCOME2_6 = 1 or NFEOUTCOME2_7 = 1 or NFEOUTCOME2_8 = 1)	Error	The specified number of the responses for NFEOUTCOME2 should be selected
RL576	(NFEREASON3 = 0) -> (NFEREASON3_01 = 2 and NFEREASON3_02 = 2 and NFEREASON3_03 = 2 and NFEREASON3_04 = 2 and NFEREASON3_05 = 2 and NFEREASON3_06 = 2 and NFEREASON3_07 = 2 and NFEREASON3_08 = 2 and NFEREASON3_09 = 2)	Error	None of the responses for NFEREASON3 should be selected
RL577	(NFEREASON3 > 0) -> (NFEREASON3_01 = 1 or NFEREASON3_02 = 1 or NFEREASON3_03 = 1 or NFEREASON3_04 = 1 or NFEREASON3_05 = 1 or NFEREASON3_06 = 1 or NFEREASON3_07 = 1 or NFEREASON3_08 = 1 or NFEREASON3_09 = 1)	Error	The specified number of the responses for NFEREASON3 should be selected

RL578	(NFEPAIDBY3 = 0) -> (NFEPAIDBY3_1 = 2 and NFEPAIDBY3_2 = 2 and NFEPAIDBY3_3 = 2 and NFEPAIDBY3_4 = 2 and NFEPAIDBY3_5 = 2)	Error	None of the responses for NFEPAIDBY3 should be selected
RL579	(NFEPAIDBY3 > 0) -> (NFEPAIDBY3_1 = 1 or NFEPAIDBY3_2 = 1 or NFEPAIDBY3_3 = 1 or NFEPAIDBY3_4 = 1 or NFEPAIDBY3_5 = 1)	Error	The specified number of the responses for NFEPAIDBY3 should be selected
RL580	(NFEUNSATREASON3 = 0) -> (NFEUNSATREASON3_1 = 2 and NFEUNSATREASON3_2 = 2 and NFEUNSATREASON3_3 = 2 and NFEUNSATREASON3_4 = 2 and NFEUNSATREASON3_5 = 2)	Error	None of the responses for NFEUNSATREASON3 should be selected
RL581	(NFEUNSATREASON3 > 0) -> (NFEUNSATREASON3_1 = 1 or NFEUNSATREASON3_2 = 1 or NFEUNSATREASON3_3 = 1 or NFEUNSATREASON3_4 = 1 or NFEUNSATREASON3_5 = 1)	Error	The specified number of the responses for NFEUNSATREASON3 should be selected
RL582	(NFEOUTCOME3 = 0) -> (NFEOUTCOME3_1 = 2 and in(NFEOUTCOME3_2,2,-2) and in(NFEOUTCOME3_3,2,-2) and in(NFEOUTCOME3_4,2,-2) and in(NFEOUTCOME3_5,2,-2) and NFEOUTCOME3_6 = 2 and NFEOUTCOME3_7 = 2 and NFEOUTCOME3_8 = 2)	Error	None of the responses for NFEOUTCOME3 should be selected
RL583	(NFEOUTCOME3 > 0) -> (NFEOUTCOME3_1 = 1 or NFEOUTCOME3_2 = 1 or NFEOUTCOME3_3 = 1 or NFEOUTCOME3_4 = 1 or NFEOUTCOME3_5 = 1 or NFEOUTCOME3_6 = 1 or NFEOUTCOME3_7 = 1 or NFEOUTCOME3_8 = 1)	Error	The specified number of the responses for NFEOUTCOME3 should be selected
RL584	(DIFFTYPE = 0) -> (DIFFTYPE_01 = 2 and DIFFTYPE_02 = 2 and DIFFTYPE_03 = 2 and DIFFTYPE_04 = 2 and DIFFTYPE_05 = 2 and DIFFTYPE_06 = 2 and DIFFTYPE_07 = 2 and DIFFTYPE_08 = 2 and DIFFTYPE_09 = 2 and DIFFTYPE_10 = 2 and DIFFTYPE_11 = 2)	Error	None of the responses for DIFFTYPE should be selected
RL585	(DIFFTYPE > 0) -> (DIFFTYPE_01 = 1 or DIFFTYPE_02 = 1 or DIFFTYPE_03 = 1 or DIFFTYPE_04 = 1 or DIFFTYPE_05 = 1 or DIFFTYPE_06 = 1 or DIFFTYPE_07 = 1 or DIFFTYPE_08 = 1 or DIFFTYPE_09 = 1 or DIFFTYPE_10 = 1 or DIFFTYPE_11 = 1)	Error	The specified number of the responses for DIFFTYPE should be selected
RL586	(ICTCOMPUTER = 0) -> (ICTCOMPUTER_1 = 2 and ICTCOMPUTER_2 = 2 and ICTCOMPUTER_3 = 2 and ICTCOMPUTER_4 = 2 and ICTCOMPUTER_5 = 2 and ICTCOMPUTER_6 = 2 and ICTCOMPUTER_7 = 2 and ICTCOMPUTER_8 = 2 and ICTCOMPUTER_9 = 2 and ICTCOMPUTER_10 = 2)	Error	None of the responses for ICTCOMPUTER should be selected
RL587	(ICTCOMPUTER > 0) -> (ICTCOMPUTER_1 = 1 or ICTCOMPUTER_2 = 1 or ICTCOMPUTER_3 = 1 or ICTCOMPUTER_4 = 1 or ICTCOMPUTER_5 = 1 or ICTCOMPUTER_6 = 1 or ICTCOMPUTER_7 = 1 or ICTCOMPUTER_8 = 1 or ICTCOMPUTER_9 = 1 or ICTCOMPUTER_10 = 1)	Error	The specified number of the responses for ICTCOMPUTER should be selected
RL588	(ICTINTERNET = 0) -> (ICTINTERNET_1 = 2 and ICTINTERNET_2 = 2 and ICTINTERNET_3 = 2 and ICTINTERNET_4 = 2 and ICTINTERNET_5 = 2 and ICTINTERNET_6 = 2 and ICTINTERNET_7 = 2 and ICTINTERNET_8 = 2)	Error	None of the responses for ICTINTERNET should be selected
RL589	(ICTINTERNET > 0) -> (ICTINTERNET_1 = 1 or ICTINTERNET_2 = 1 or ICTINTERNET_3 = 1 or ICTINTERNET_4 = 1 or ICTINTERNET_5 = 1 or ICTINTERNET_6 = 1 or ICTINTERNET_7 = 1 or ICTINTERNET_8 = 1)	Error	The specified number of the responses for ICTINTERNET should be selected
RL590	(SOCIALPAR = 0) -> (SOCIALPAR_1 = 2 and SOCIALPAR_2 = 2 and SOCIALPAR_3 = 2 and SOCIALPAR_4 = 2 and SOCIALPAR_5 = 2 and SOCIALPAR_6 = 2)	Error	None of the responses for SOCIALPAR should be selected
RL591	(SOCIALPAR > 0) -> (SOCIALPAR_1 = 1 or SOCIALPAR_2 = 1 or SOCIALPAR_3 = 1 or SOCIALPAR_4 = 1 or SOCIALPAR_5 = 1 or SOCIALPAR_6 = 1)	Error	The specified number of the responses for SOCIALPAR should be selected

RL600	(LANGUSED >= 1) -> (LANGUSED_1 <> "000")	Error	LANGUSED_1 should be filled with a language code
RL601	(LANGUSED >= 2) -> (LANGUSED_2 <> "000")	Error	LANGUSED_2 should be filled with a language code
RL602	(LANGUSED >= 3) -> (LANGUSED_3 <> "000")	Error	LANGUSED_3 should be filled with a language code
RL603	(LANGUSED >= 4) -> (LANGUSED_4 <> "000")	Error	LANGUSED_4 should be filled with a language code
RL604	(LANGUSED >= 5) -> (LANGUSED_5 <> "000")	Error	LANGUSED_5 should be filled with a language code
RL605	(LANGUSED >= 6) -> (LANGUSED_6 <> "000")	Error	LANGUSED_6 should be filled with a language code
RL606	(LANGUSED = 7) -> (LANGUSED_7 <> "000")	Error	LANGUSED_7 should be filled with a language code
RL607	(LANGMOTHER2 <> "000") -> (LANGMOTHER1 <> LANGMOTHER2)	Error	LANGMOTHER1 should be different from LANGMOTHER2
RL608	(LANGUSED <> -1 and LANGUSED_1 <> "000") -> (LANGUSED_1 <> LANGMOTHER1 and LANGUSED_1 <> LANGMOTHER2)	Error	LANGUSED_1 should be different from mother tongue(s)
RL609	(LANGUSED <> -1 and LANGUSED_2 <> "000") -> (LANGUSED_2 <> LANGMOTHER1 and LANGUSED_2 <> LANGMOTHER2)	Error	LANGUSED_2 should be different from mother tongue(s)
RL610	(LANGUSED <> -1 and LANGUSED_3 <> "000") -> (LANGUSED_3 <> LANGMOTHER1 and LANGUSED_3 <> LANGMOTHER2)	Error	LANGUSED_3 should be different from mother tongue(s)
RL611	(LANGUSED <> -1 and LANGUSED_4 <> "000") -> (LANGUSED_4 <> LANGMOTHER1 and LANGUSED_4 <> LANGMOTHER2)	Error	LANGUSED_4 should be different from mother tongue(s)
RL612	(LANGUSED <> -1 and LANGUSED_5 <> "000") -> (LANGUSED_5 <> LANGMOTHER1 and LANGUSED_5 <> LANGMOTHER2)	Error	LANGUSED_5 should be different from mother tongue(s)
RL613	(LANGUSED <> -1 and LANGUSED_6 <> "000") -> (LANGUSED_6 <> LANGMOTHER1 and LANGUSED_6 <> LANGMOTHER2)	Error	LANGUSED_6 should be different from mother tongue(s)
RL614	(LANGUSED <> -1 and LANGUSED_7 <> "000") -> (LANGUSED_7 <> LANGMOTHER1 and LANGUSED_7 <> LANGMOTHER2)	Error	LANGUSED_7 should be different from mother tongue(s)
RL615	((NOT in(LANGBEST1, "-1", "-2"))) -> (LANGBEST1 = LANGUSED_1 or LANGBEST1 = LANGUSED_2 or LANGBEST1 = LANGUSED_3 or LANGBEST1 = LANGUSED_4 or LANGBEST1 = LANGUSED_5 or LANGBEST1 = LANGUSED_6 or LANGBEST1 = LANGUSED_7)	Error	LANGBEST1 should be one of the other languages used
RL616	((NOT in(LANGBEST2, "-1", "-2"))) -> (LANGBEST2 = LANGUSED_1 or LANGBEST2 = LANGUSED_2 or LANGBEST2 = LANGUSED_3 or LANGBEST2 = LANGUSED_4 or LANGBEST2 = LANGUSED_5 or LANGBEST2 = LANGUSED_6 or LANGBEST2 = LANGUSED_7)	Error	LANGBEST2 should be one of the other languages used
RL617	((NOT in(OTHERLANG, "-1", "-2","-3"))) -> (OTHERLANG = LANGUSED_1 or OTHERLANG = LANGUSED_2 or OTHERLANG = LANGUSED_3 or OTHERLANG = LANGUSED_4 or	Error	OTHERLANG should be one of the other languages used

	OTHERLANG = LANGUSED_5 or OTHERLANG = LANGUSED_6 or OTHERLANG = LANGUSED_7)		

Annex 5 : Country and regional codes

EUROPEAN UNION

BE	Belgium
BG	Bulgaria
CZ	Czech Republic
DK	Denmark
DE	Germany
EE	Estonia
IE	Ireland
GR	Greece
ES	Spain
FR	France
IT	Italy
CY	Cyprus
LV	Latvia
LT	Lithuania
LU	Luxembourg
HU	Hungary
MT	Malta
NL	Netherlands
AT	Austria
PL	Poland
PT	Portugal
RO	Romania
SI	Slovenia
SK	Slovak Republic
FI	Finland
SE	Sweden
UK	United Kingdom

CANDIDATE AND EFTA COUNTRIES

CH	Switzerland
HR	Croatia
IS	Iceland
LI	Liechtenstein
ME	Montenegro
MK	FYR Macedonia
NO	Norway
TR	Turkey

OTHER EUROPEAN COUNTRIES

AD	Andorra
AL	Albania
BA	Bosnia Herzegovina
BY	Belarus
FO	Faroe Islands
GG	**Guernsey**
GI	**Gibraltal**
IM	**Isle of Man**
JE	**Jersey**
MC	Monaco
MD	Republic of Moldova
RS	Serbia
RU	Russian Federation
SM	San Marino
UA	Ukraine
VA	Vatican City
XK	Kosovo (UNSCR1244)

NN	Recognized non-citizens
CS	**Czechoslovakia**
SU	**Soviet Union**
YU	**Yugoslavia**

NORTH AFRICA

DZ Algeria
EG Egypt
LY Libya
MA Morocco
TN Tunisia

OTHER AFRICA

AO Angola
BF Burkina Faso
BI Burundi
BJ Benin
BW Botswana
CD Republic Democratic of Congo
CF Central African Republic
CG Congo
CI Ivory Coast
CM Cameroon
CV Cape Verde
DJ Djibouti
ER Eritrea
ET Ethiopia
GA Gabon
GH Ghana
GM Gambia
GN Guinea
GQ Equatorial Guinea
GW Guinea-Bissau
KE Kenya
KM Comoros
LR Liberia
LS Lesotho
MG Madagascar
ML Mali
MR Mauritania
MU Mauritius
MW Malawi
MZ Mozambique
NA Namibia
NE Niger
NG Nigeria
RW Rwanda
SC Seychelles
SD Sudan
SH Saint Helena
SL Sierra Leone
SN Senegal
SO Somalia
ST Sao Tome and Principe
SZ Swaziland
TD Chad
TG Togo
TZ Tanzania
UG Uganda
YT Mayotte
ZA South Africa
ZM Zambia
ZW Zimbabwe

NORTH AMERICA

BM Bermuda
CA Canada
GL Greenland
PM Saint Pierre and Miquelon
US United States of America

CENTRAL AMERICA AND CARRIBEAN

AG Antigua and Barbuda
AI Anguilla
AN Netherlands Antilles
AW Aruba
BB Barbados
BL Saint Barthelemy
BS Bahamas
BZ Belize
CR Costa Rica
CU Cuba
DM Dominica
DO Dominican Republic
GD Grenada
GT Guatemala
HN Honduras
HT Haiti
JM Jamaica
KN Saint Kitts and Nevis
KY Cayman Islands
LC Saint Lucia
MF Saint Martin
MS Montserrat
MX Mexico
NI Nicaragua
PA Panama
PR Puerto Rico
SV El Salvador
TC Turks and Caicos Islands
TT Trinidad and Tobago
VC Saint Vincent and the Grenadines
VG British Virgin Islands

SOUTH AMERICA

AR Argentina
BO Bolivia
BR Brazil
CL Chile
CO Colombia
EC Ecuador
FK Falkland Islands (Malvinas)
GY Guyana
PE Peru
PY Paraguay
SR Suriname
TF French Southern Territories
UY Uruguay
VE Venezuela

EAST ASIA

CN China
JP Japan
KP Dem. People's Republic of Korea (North)
KR Republic of Korea (South)
MN Mongolia
TW Taiwan

NEAR AND MIDDLE EAST

AE United Arab Emirates
AM Armenia
AZ Azerbaijan
BH Bahrain
GE Georgia
IL Israel
IQ Iraq
IR Iran
JO Jordan
KG Kyrgyzstan
KW Kuwait
KZ Kazakhstan
LB Lebanon
OM Oman
PS Palestine
QA Qatar
SA Saudi Arabia
SY Syria
TJ Tajikistan
TM Turkmenistan
UZ Uzbeksitan
YE Yemen

SOUTH AND SOUTH EAST ASIA

AF Afghanistan
BD Bangladesh
BN Brunei
BT Bhutan
ID Indonesia
IN India
KH Cambodia
LA Laos
LK Sri Lanka
MM Myanmar
MV Maldives
MY Malaysia
NP Nepal
PH Philippines
PK Pakistan
SG Singapore
TH Thailand
TL East Timor
VN Vietnam

AUSTRALIA, OCEANIA AND OTHER TERRITORIES

AU Australia
FJ Fiji
FM Micronesia
KI Kiribati
MH Marshall Islands
NC New Caledonia
NR Nauru
NZ New Zealand
PF French Polynesia
PG Papua New Guinea
PN Pitcairn
PW Palau
SB Solomon Islands
TO Tonga
TV Tuvalu
VU Vanuatu
WF Wallis and Futuna
WS Samoa

XX OTHER + STATELESS

Regional codes for EU countries (NUTS 1)	
AT1	Ostösterreich

AT2	Südösterreich
AT3	Westösterreich
BE1	Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest
BE2	Vlaams Gewest
BE3	Région Wallonne
BG3	Severna i iztochna Bulgaria
BG4	Yugozapadna i yuzhna centralna Bulgaria
CY0	Cyprus
CZ0	Czech Republic
DE1	Baden-Württemberg
DE2	Bayern
DE3	Berlin
DE4	Brandenburg
DE5	Bremen
DE6	Hamburg
DE7	Hessen
DE8	Mecklenburg-Vorpommern
DE9	Niedersachsen
DEA	Nordrhein-Westfalen
DEB	Rheinland-Pfalz
DEC	Saarland
DED	Sachsen
DEE	Sachsen-Anhalt
DEF	Schleswig-Holstein
DEG	Thüringen
DK0	Denmark
EE0	Estonia
ES1	Noroeste
ES2	Noreste
ES3	Comunidad de Madrid
ES4	Centro (ES)
ES5	Este
ES6	Sur
ES7	Canarias (ES)
FI1	Manner-Suomi
FI2	Åland
FR1	Île de France
FR2	Bassin Parisien
FR3	Nord - Pas-de-Calais
FR4	Est
FR5	Ouest
FR6	Sud-Ouest
FR7	Centre-Est
FR8	Méditerranée
FR9	French overseas departments (FR)
GR1	Voreia Ellada
GR2	Kentriki Ellada
GR3	Attiki
GR4	Nisia Aigaiou, Kriti
HU1	Közép-Magyarország
HU2	Dunántúl
HU3	Alföld és Észak
IE0	Ireland

ITC	Nord Ovest
ITD	Nord Est
ITE	Centro (IT)
ITF	Sud (IT)
ITG	Isole (IT)
LT0	Lithuania
LU0	Luxembourg (Grand-Duché)
LV0	Latvia
MT0	Malta
NL1	Noord-Nederland
NL2	Oost-Nederland
NL3	West-Nederland
NL4	Zuid-Nederland
PL1	Centralny
PL2	Poludniowy
PL3	Wschodni
PL4	Pólnocno-Zachodni
PL5	Poludniowo-Zachodni
PL6	Pólnocny
PT1	Continente (PT)
PT2	Região Autónoma dos Açores (PT)
PT3	Região Autónoma da Madeira (PT)
RO1	Macroregiunea unu
RO2	Macroregiunea doi
RO3	Macroregiunea trei
RO4	Macroregiunea patru
SE1	Östra Sverige
SE2	Södra Sverige
SE3	Norra Sverige
SI0	Slovenia
SK0	Slovakia
UKC	North East (ENGLAND)
UKD	North West (ENGLAND)
UKE	Yorkshire and The Humber
UKF	East Midlands (ENGLAND)
UKG	West Midlands (ENGLAND)
UKH	Eastern
UKI	London
UKJ	South East
UKK	South West (ENGLAND)
UKL	Wales
UKM	Scotland
UKN	Northern Ireland

Regional codes for Candidate countries	
HR0	Hrvatska
MK0	Poranesna jugoslovenska Republika Makedonija (provisional code)
TR1	Istanbul
TR2	Bati Marmara
TR3	Ege
TR4	Dogu Marmara
TR5	Bati Anadolu
TR6	Akdeniz
TR7	Orta Anadolu
TR8	Bati Karadeniz
TR9	Dogu Karadeniz
TRA	Kuzeydogu Anadolu
TRB	Ortadogu Anadolu
TRC	Güneydogu Anadolu

Regional codes for EFTA countries (NUTS)	
CH0	Switzerland
IS0	Iceland
LI0	Liechtenstein
NO0	Norway

Code	Level 2
	BELGIQUE-BELGIË
	Région de Bruxelles-Capitale / Brussels Hoofdstedelijk
BE10	Gewest
BE21	Prov. Antwerpen
BE22	Prov. Limburg (B)
BE23	Prov. Oost-Vlaanderen
BE24	Prov. Vlaams-Brabant
BE25	Prov. West-Vlaanderen
BE31	Prov. Brabant Wallon
BE32	Prov. Hainaut
BE33	Prov. Liège
BE34	Prov. Luxembourg (B)
BE35	Prov. Namur
	BULGARIA
BG31	Severozapaden
BG32	Severen tsentralen
BG33	Severoiztochen
BG34	Yugoiztochen
BG41	Yugozapaden
BG42	Yuzhen tsentralen
	CESKA REPUBLIKA
CZ01	Praha
CZ02	Stredni Cechy
CZ03	Jihozapad
CZ04	Severozapad

CZ05	Severovychod
CZ06	Jihovychod
CZ07	Stredni Morava
CZ08	Moravskoslezsko
	DANMARK
DK01	Hovedstaden
DK02	Sjælland
DK03	Syddanmark
DK04	Midtjylland
DK05	Nordjylland
	DEUTSCHLAND
DE11	Stuttgart
DE12	Karlsruhe
DE13	Freiburg
DE14	Tübingen
DE21	Oberbayern
DE22	Niederbayern
DE23	Oberpfalz
DE24	Oberfranken
DE25	Mittelfranken
DE26	Unterfranken
DE27	Schwaben
DE30	Berlin
DE41	Brandenburg - Nordost
DE42	Brandenburg - Südwest
DE50	Bremen
DE60	Hamburg
DE71	Darmstadt
DE72	Gießen
DE73	Kassel
DE80	Mecklenburg-Vorpommern
DE91	Braunschweig
DE92	Hannover
DE93	Lüneburg
DE94	Weser-Ems
DEA1	Düsseldorf
DEA2	Köln
DEA3	Münster
DEA4	Detmold
DEA5	Arnsberg
DEB1	Koblenz
DEB2	Trier
DEB3	Rheinhessen-Pfalz
DEC0	Saarland
DED1	Chemnitz
DED2	Dresden
DED3	Leipzig
DEE0	Sachsen-Anhalt
DEF0	Schleswig-Holstein
DEG0	Thüringen
	EESTI
EE00	Eesti

	IRELAND
IE01	Border, Midland and Western
IE02	Southern and Eastern
	ELLADA
GR11	Anatoliki Makedonia, Thraki
GR12	Kentriki Makedonia
GR13	Dytiki Makedonia
GR14	Thessalia
GR21	Ipeiros
GR22	Ionia Nisia
GR23	Dytiki Ellada
GR24	Sterea Ellada
GR25	Peloponnisos
GR30	Attiki
GR41	Voreio Aigaio
GR42	Notio Aigaio
GR43	Kriti
	ESPAÑA
ES11	Galicia
ES12	Principado de Asturias
ES13	Cantabria
ES21	País Vasco
ES22	Comunidad Foral de Navarra
ES23	La Rioja
ES24	Aragón
ES30	Comunidad de Madrid
ES41	Castilla y León
ES42	Castilla-La Mancha
ES43	Extremadura
ES51	Cataluña
ES52	Comunidad Valenciana
ES53	Illes Balears
ES61	Andalucía
ES62	Región de Murcia
ES63	Ciudad Autónoma de Ceuta
ES64	Ciudad Autónoma de Melilla
ES70	Canarias
	FRANCE
FR10	Île de France
FR21	Champagne-Ardenne
FR22	Picardie
FR23	Haute-Normandie
FR24	Centre
FR25	Basse-Normandie
FR26	Bourgogne
FR30	Nord - Pas-de-Calais
FR41	Lorraine
FR42	Alsace
FR43	Franche-Comté
FR51	Pays de la Loire
FR52	Bretagne
FR53	Poitou-Charentes
FR61	Aquitaine

FR62	Midi-Pyrénées
FR63	Limousin
FR71	Rhône-Alpes
FR72	Auvergne
FR81	Languedoc-Roussillon
FR82	Provence-Alpes-Côte d'Azur
FR83	Corse
FR91	Guadeloupe
FR92	Martinique
FR93	Guyane
FR94	Réunion
	ITALIA
ITC1	Piemonte
ITC2	Valle d'Aosta/Vallée d'Aoste
ITC3	Liguria
ITC4	Lombardia
ITD1	Provincia Autonoma Bolzano/Bozen
ITD2	Provincia Autonoma Trento
ITD3	Veneto
ITD4	Friuli-Venezia Giulia
ITD5	Emilia-Romagna
ITE1	Toscana
ITE2	Umbria
ITE3	Marche
ITE4	Lazio
ITF1	Abruzzo
ITF2	Molise
ITF3	Campania
ITF4	Puglia
ITF5	Basilicata
ITF6	Calabria
ITG1	Sicilia
ITG2	Sardegna
	KYPROS / KIBRIS
CY00	Kypros / Kibris
	LATVIJA
LV00	Latvija
	LIETUVA
LT00	Lietuva
	LUXEMBOURG (GRAND-DUCHÉ)
LU00	Luxembourg (Grand-Duché)
	MAGYARORSZAG
HU10	Kozep-Magyarorszag
HU21	Kozep-Dunantul
HU22	Nyugat-Dunantul
HU23	Del-Dunantul
HU31	Eszak-Magyarorszag
HU32	Eszak-Alfold
HU33	Del-Alfold

	MALTA
MT00	Malta
	NEDERLAND
NL11	Groningen
NL12	Friesland (NL)
NL13	Drenthe
NL21	Overijssel
NL22	Gelderland
NL23	Flevoland
NL31	Utrecht
NL32	Noord-Holland
NL33	Zuid-Holland
NL34	Zeeland
NL41	Noord-Brabant
NL42	Limburg (NL)
	ÖSTERREICH
AT11	Burgenland (A)
AT12	Niederösterreich
AT13	Wien
AT21	Kärnten
AT22	Steiermark
AT31	Oberösterreich
AT32	Salzburg
AT33	Tirol
AT34	Vorarlberg
	POLSKA
PL11	Lodzkie
PL12	Mazowieckie
PL21	Malopolskie
PL22	Slaskie
PL31	Lubelskie
PL32	Podkarpackie
PL33	Swietokrzyskie
PL34	Podlaskie
PL41	Wielkopolskie
PL42	Zachodniopomorskie
PL43	Lubuskie
PL51	Dolnoslaskie
PL52	Opolskie
PL61	Kujawsko-Pomorskie
PL62	Warminsko-Mazurskie
PL63	Pomorskie
	PORTUGAL
PT11	Norte
PT15	Algarve
PT16	Centro (P)
PT17	Lisboa
PT18	Alentejo
PT20	Região Autónoma dos Açores
PT30	Região Autónoma da Madeira
	ROMANIA

RO11	Nord-Vest
RO12	Centru
RO21	Nord-Est
RO22	Sud-Est
RO31	Sud - Muntenia
RO32	Bucuresti - Ilfov
RO41	Sud-Vest Oltenia
RO42	Vest
	SLOVENIJA
SI01	Vzhodna Slovenija
SI02	Zahodna Slovenija
	SLOVENSKA REPUBLIKA
SK01	Bratislavsky kraj
SK02	Zapadne Slovensko
SK03	Stredne Slovensko
SK04	Vychodne Slovensko
	SUOMI / FINLAND
FI13	Itä-Suomi
FI18	Etelä-Suomi
FI19	Länsi-Suomi
FI1A	Pohjois-Suomi
FI20	Åland
	SVERIGE
SE11	Stockholm
SE12	Östra Mellansverige
SE21	Småland med öarna
SE22	Sydsverige
SE23	Västsverige
SE31	Norra Mellansverige
SE32	Mellersta Norrland
SE33	Övre Norrland
	UNITED KINGDOM
UKC1	Tees Valley and Durham
UKC2	Northumberland and Tyne and Wear
UKD1	Cumbria
UKD2	Cheshire
UKD3	Greater Manchester
UKD4	Lancashire
UKD5	Merseyside
UKE1	East Yorkshire and Northern Lincolnshire
UKE2	North Yorkshire
UKE3	South Yorkshire
UKE4	West Yorkshire
UKF1	Derbyshire and Nottinghamshire
UKF2	Leicestershire, Rutland and Northamptonshire
UKF3	Lincolnshire
UKG1	Herefordshire, Worcestershire and Warwickshire
UKG2	Shropshire and Staffordshire
UKG3	West Midlands
UKH1	East Anglia
UKH2	Bedfordshire and Hertfordshire

UKH3	Essex
UKI1	Inner London
UKI2	Outer London
UKJ1	Berkshire, Buckinghamshire and Oxfordshire
UKJ2	Surrey, East and West Sussex
UKJ3	Hampshire and Isle of Wight
UKJ4	Kent
UKK1	Gloucestershire, Wiltshire and Bristol/Bath area
UKK2	Dorset and Somerset
UKK3	Cornwall and Isles of Scilly
UKK4	Devon
UKL1	West Wales and The Valleys
UKL2	East Wales
UKM2	Eastern Scotland
UKM3	South Western Scotland
UKM5	North Eastern Scotland
UKM6	Highlands and Islands
UKN0	Northern Ireland
	ÍSLAND
IS00	Ísland
	HRVATSKA
HR01	Sjeverozapadna Hrvatska
HR02	Sredisnja i Istocna (Panonska) Hrvatska
HR03	Jadranska Hrvatska
	Poranesnata jugoslovenska Republika Makedonija
MK00	Poranesnata jugoslovenska Republika Makedonija
	TURKIYE
TR10	Istanbul
TR21	Tekirdag
TR22	Balikesir
TR31	Izmir
TR32	Aydin
TR33	Manisa
TR41	Bursa
TR42	Kocaeli
TR51	Ankara
TR52	Konya
TR61	Antalya
TR62	Adana
TR63	Hatay
TR71	Kirikkale
TR72	Kayseri
TR81	Zonguldak
TR82	Kastamonu
TR83	Samsun
TR90	Trabzon
TRA1	Erzurum
TRA2	Agri
TRB1	Malatya
TRB2	Van
TRC1	Gaziantep
TRC2	Sanliurfa

TRC3	Mardin
	SCHWEIZ/SUISSE/SVIZZERA
CH01	Région lémanique
CH02	Espace Mittelland
CH03	Nordwestschweiz
CH04	Zürich
CH05	Ostschweiz
CH06	Zentralschweiz
CH07	Ticino
	LIECHTENSTEIN
LI00	Liechtenstein
	NORGE
NO01	Oslo og Akershus
NO02	Hedmark og Oppland
NO03	Sør-Østlandet
NO04	Agder og Rogaland
NO05	Vestlandet
NO06	Trøndelag
NO07	Nord-Norge

Annex 6 : NACE- Rev.2 code

Code	Description
SECTION A	**AGRICULTURE, FORESTRY AND FISHING**
A01	Crop and animal production, hunting and related service activities
A02	Forestry and logging
A03	Fishing and aquaculture
SECTION B	**MINING AND QUARRYING**
B05	Mining of coal and lignite
B06	Extraction of crude petroleum and natural gas
B07	Mining of metal ores
B08	Other mining and quarrying
B09	Mining support service activities
SECTION C	**MANUFACTURING**
C10	Manufacture of food products
C11	Manufacture of beverages
C12	Manufacture of tobacco products
C13	Manufacture of textiles
C14	Manufacture of wearing apparel
C15	Manufacture of leather and related products
C16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
C17	Manufacture of paper and paper products
C18	Printing and reproduction of recorded media
C19	Manufacture of coke and refined petroleum products
C20	Manufacture of chemicals and chemical products
C21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
C22	Manufacture of rubber and plastic products
C23	Manufacture of other non-metallic mineral products
C24	Manufacture of basic metals
C25	Manufacture of fabricated metal products, except machinery and equipment
C26	Manufacture of computer, electronic and optical products
C27	Manufacture of electrical equipment
C28	Manufacture of machinery and equipment n.e.c.
C29	Manufacture of motor vehicles, trailers and semi-trailers
C30	Manufacture of other transport equipment
C31	Manufacture of furniture
C32	Other manufacturing
C33	Repair and installation of machinery and equipment

SECTION D	**ELECTRICITY, GAS, STEAM AND AIR CONDITIONING SUPPLY**
D35	Electricity, gas, steam and air conditioning supply
SECTION E	**WATER SUPPLY; SEWERAGE, WASTE MANAGEMENT AND REMEDIATION ACTIVITIES**
E36	Water collection, treatment and supply
E37	Sewerage
E38	Waste collection, treatment and disposal activities; materials recovery
E39	Remediation activities and other waste management services
SECTION F	**CONSTRUCTION**
F41	Construction of buildings
F42	Civil engineering
F43	Specialised construction activities
SECTION G	**WHOLESALE AND RETAIL TRADE; REPAIR OF MOTOR VEHICLES AND MOTORCYCLES**
G45	Wholesale and retail trade and repair of motor vehicles and motorcycles
G46	Wholesale trade, except of motor vehicles and motorcycles
G47	Retail trade, except of motor vehicles and motorcycles
SECTION H	**TRANSPORTATION AND STORAGE**
H49	Land transport and transport via pipelines
H50	Water transport
H51	Air transport
H52	Warehousing and support activities for transportation
H53	Postal and courier activities
SECTION I	**ACCOMMODATION AND FOOD SERVICE ACTIVITIES**
I55	Accommodation
I56	Food and beverage service activities
SECTION J	**INFORMATION AND COMMUNICATION**
J58	Publishing activities
J59	Motion picture, video and television programme production, sound recording and music publishing activities
J60	Programming and broadcasting activities
J61	Telecommunications
J62	Computer programming, consultancy and related activities
J63	Information service activities
SECTION K	**FINANCIAL AND INSURANCE ACTIVITIES**
K64	Financial service activities, except insurance and pension funding
K65	Insurance, reinsurance and pension funding, except compulsory social security
K66	Activities auxiliary to financial services and insurance activities
SECTION L	**REAL ESTATE ACTIVITIES**
L68	Real estate activities
SECTION M	**PROFESSIONAL, SCIENTIFIC AND TECHNICAL ACTIVITIES**
M69	Legal and accounting activities

	M70	Activities of head offices; management consultancy activities
	M71	Architectural and engineering activities; technical testing and analysis
	M72	Scientific research and development
	M73	Advertising and market research
	M74	Other professional, scientific and technical activities
	M75	Veterinary activities
SECTION N		**ADMINISTRATIVE AND SUPPORT SERVICE ACTIVITIES**
	N77	Rental and leasing activities
	N78	Employment activities
	N79	Travel agency, tour operator reservation service and related activities
	N80	Security and investigation activities
	N81	Services to buildings and landscape activities
	N82	Office administrative, office support and other business support activities
SECTION O		**PUBLIC ADMINISTRATION AND DEFENCE; COMPULSORY SOCIAL SECURITY**
	O84	Public administration and defence; compulsory social security
SECTION P		**EDUCATION**
	P85	Education
SECTION Q		**HUMAN HEALTH AND SOCIAL WORK ACTIVITIES**
	Q86	Human health activities
	Q87	Residential care activities
	Q88	Social work activities without accommodation
R SECTION		**ARTS, ENTERTAINMENT AND RECREATION**
	R90	Creative, arts and entertainment activities
	R91	Libraries, archives, museums and other cultural activities
	R92	Gambling and betting activities
	R93	Sports activities and amusement and recreation activities
SECTION S		**OTHER SERVICE ACTIVITIES**
	S94	Activities of membership organisations
	S95	Repair of computers and personal and household goods
	S96	Other personal service activities
SECTION T		**ACTIVITIES OF HOUSEHOLDS AS EMPLOYERS; UNDIFFERENTIATED GOODS- AND SERVICES-PRODUCING ACTIVITIES OF HOUSEHOLDS FOR OWN USE**
	T97	Activities of households as employers of domestic personnel
	T98	Undifferentiated goods- and services-producing activities of private households for own use
SECTION U		**ACTIVITIES OF EXTRATERRITORIAL ORGANISATIONS AND BODIES**
	U99	Activities of extraterritorial organisations and bodies

This list is conform to the standard code lists available at
http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM&StrGroupCode=SCL&StrLanguageCode=EN
(SCL – NACE Rev 2)

Annex 7 : ISCO 08 code

Code	Description
OC1	**Managers**
OC11	Chief executives, senior officials and legislators
OC12	Administrative and commercial managers
OC13	Production and specialised services managers
OC14	Hospitality, retail and other services managers
OC2	**Professionals**
OC21	Science and engineering professionals
OC22	Health professionals
OC23	Teaching professionals
OC24	Business and administration professionals
OC25	Information and communications technology professionals
OC26	Legal, social and cultural professionals
OC3	**Technicians and associate professionals**
OC31	Science and engineering associate professionals
OC32	Health associate professionals
OC33	Business and administration associate professionals
OC34	Legal, social, cultural and related associate professionals
OC35	Information and communications technicians
OC4	**Clerical support workers**
OC41	General and keyboard clerks
OC42	Customer services clerks
OC43	Numerical and material recording clerks
OC44	Other clerical support workers
OC5	**Service and sales workers**
OC51	Personal service workers
OC52	Sales workers
OC53	Personal care workers
OC54	Protective services workers
OC6	**Skilled agricultural, forestry and fishery workers**
OC61	Market-oriented skilled agricultural workers
OC62	Market-oriented skilled forestry, fishery and hunting workers
OC63	Subsistence farmers, fishers, hunters and gatherers
OC7	**Craft and related trades workers**

OC71	Building and related trades workers, excluding electricians
OC72	Metal, machinery and related trades workers
OC73	Handicraft and printing workers
OC74	Electrical and electronic trades workers
OC75	Food processing, wood working, garment and other craft and related trades workers
OC8	**Plant and machine operators, and assemblers**
OC81	Stationary plant and machine operators
OC82	Assemblers
OC83	Drivers and mobile plant operators
OC9	**Elementary occupations**
OC91	Cleaners and helpers
OC92	Agricultural, forestry and fishery labourers
OC93	Labourers in mining, construction, manufacturing and transport
OC94	Food preparation assistants
OC95	Street and related sales and service workers
OC96	Refuse workers and other elementary workers
OC0	**Armed forces occupations**
OC01	Commissioned armed forces officers
OC02	Non-commissioned armed forces officers
OC03	Armed forces occupations, other ranks

This list is conform to the standard code lists available at http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM&StrGroupCode=SCL&StrLanguageCode=EN (SCL – ISCO 08)

Annex 8: International Standard Classification of Education ISCED 1997

ISCED 0 - PRE-PRIMARY EDUCATION
Programs at level 0, (pre-primary) defined as the initial stage of organised instruction are designed primarily to introduce very young children to a school-type environment, i.e. to provide a bridge between the home and a school based atmosphere. Upon completion of these programs, children continue their education at level 1 (primary education).

ISCED 1 - PRIMARY EDUCATION OR FIRST STAGE OF BASIC EDUCATION
Programmes at level 1 are normally designed on a unit or project basis to give students a sound basic education in reading, writing and mathematics along with an elementary understanding of other subjects such as history, geography, natural science, social science, art and music. In some cases religious instruction is featured. The core at this level consists of education provided for children, the customary or legal age of entrance being not younger than five years or older than seven years. This level covers, in principle, six years of full-time schooling.

ISCED 2 - LOWER SECONDARY EDUCATION OR SECOND STAGE OF BASIC EDUCATION
The contents of education at this stage are typically designed to complete the provision of basic education which began at ISCED level 1. In many, if not most countries, the educational aim is to lay the foundation for lifelong learning and human development. The programmes at this level are usually on a more subject oriented pattern using more specialised teachers and more often several teachers conducting classes in their field of specialisation. The full implementation of basic skills occurs at this level. The end of this level often coincides with the end of compulsory schooling where it exists.

ISCED 3 - (UPPER) SECONDARY EDUCATION
This level of education typically begins at the end of full-time compulsory education for those countries that have a system of compulsory education. More specialisation may be observed at this level than at ISCED level 2 and often teachers need to be more qualified or specialised than for ISCED level 2. The entrance age to this level is typically 15 to 16 years. The educational programmes included at this level typically require the completion of some 9 years of full-time education (since the beginning of level 1) for admission or a combination of education and vocational or technical experience.

ISCED 3A: Programmes designed to provide direct access to ISCED 5A;
ISCED 3B: Programmes designed to provide direct access to ISCED 5B;
ISCED 3C: Programmes not designed to lead to ISCED 5A or 5B.

ISCED 4 - POST-SECONDARY NON TERTIARY EDUCATION
ISCED 4 captures programmes that straddle the boundary between upper secondary and post-secondary education from an international point of view, even though they might clearly be considered as upper secondary or post-secondary programmes in a national context. These programmes can, considering their content, not be regarded as tertiary programmes. They are often not significantly more advanced than programmes at ISCED 3 but they serve to broaden the knowledge of participants who have already completed a programme at level 3.
Typical examples are programmes designed to prepare students for studies at level 5 who, although having completed ISCED level 3, did not follow a curriculum which would allow entry to level 5, i.e. pre-degree foundation courses or short vocational programmes. Second cycle programmes can be included as well.

ISCED 4A: See text for ISCED 3
ISCED 4B: See text for ISCED 3
ISCED 4C: See text for ISCED 3

LEVEL 5 - FIRST STAGE OF TERTIARY EDUCATION (NOT LEADING DIRECTLY TO AN ADVANCED RESEARCH QUALIFICATION)
This level consists of tertiary programmes having an educational content more advanced than those offered at levels 3 and 4. Entry to these programmes normally requires the successful completion of ISCED level 3A or 3B or a similar qualification at ISCED level 4A. They do not lead to the award of an advanced research qualification (ISCED 6). These programmes must have a cumulative duration of at least two years.

ISCED 5A: Programmes that are largely theoretically based and are intended to provide sufficient qualifications for gaining entry into advanced research programmes and professions with high skills requirements.
ISCED 5B: Programmes that are practically oriented/ occupationally specific and are mainly designed for participants to acquire the practical skills and know-how needed for employment in a particular occupation or trade or class of occupations or trades, the successful completion of which usually provides the participants with a labour-market relevant qualification

ISCED 6 - SECOND STAGE OF TERTIARY EDUCATION (LEADING TO AN ADVANCED RESEARCH QUALIFICATION)
This level is reserved for tertiary programmes which lead to the award of an advanced research qualification. The programmes are therefore devoted to advanced study and original research and not based on course-work only. They typically require the submission of a thesis or dissertation of publishable quality, which is the product of original research and represents a significant contribution to knowledge. They prepare graduates for faculty posts in institutions offering ISCED 5A programmes, as well as research posts in government, industry, etc.

Annex 9: Language codes

Language	Code
Basque	BAQ
Bulgarian	BUL
Catalan	CAT
Croatian	HRV
Czech	CZE
Danish	DAN
Dutch; Flemish	DUT
English	ENG
Estonian	EST
Finnish	FIN
French	FRE
German	GER
Greek	GRE
Hungarian	HUN
Icelandic	ICE
Irish	GLE
Italian	ITA
Latvian	LAV
Lithuanian	LIT
Luxembourgish	LTZ
Macedonian	MAC
Maltese	MLT
Norwegian	NOR
Polish	POL
Portuguese	POR
Romanian	RUM
Russian	RUS
Slovak	SLO
Slovenian	SLV
Spanish	SPA
Swedish	SWE
Turkish	TUR
Welsh	WEL

For other languages, please consult
http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM&StrGroupCode=SCL&StrLanguageCode=EN
(SCL – Languages)

Annex 10: Data collection codes

The data collection variable refers to the collection procedure used for collecting most of the information. This means that if some information is be taken from registers, for instance, the data collection information procedure variable will refer to that part of the data that are directly collected from the respondent.

Value	Data collection approach
10	Postal, non electronic version
11	Postal, electronic version
20	Face-to-face, non electronic version
21	Face-to-face, electronic version
30	Telephone, non electronic version
31	Telephone, electronic version
40	Use of internet
50	Mixed mode collection (e.g.: both postal and interview to collect data)

Annex 11 – Precision requirements

This annex explains how the precision requirements for key indicators are computed. The indicators concerned are defined in Annex 2 of the AES draft Commission Regulation (see the annex 18 to this manual). The annex is structurd in three sections:

1 APPROACH

2 THEORY AND RESULTS

a) What we mean by precision
b) Key assumptions
c) Precision for the participation rate in nfe (no breakdown)
d) Precision for the participation rate in nfe of subgroups of the target population
e) Precision for the share of job-related activities among nfe activities

3 REQUIREMENTS FOR THE OPTIONAL AGE GROUPS 18-24 AND 65-69

The results of the calculation for each country are presented in a separate Excel file **Annex15_PrecisionRequirements.xls.**

A very common way to report an indicator (e.g. a participation rate in non-formal education and training) is to provide a confidence interval with a given degree of confidence. Confidence intervals are usually symmetric around a point estimate of the indicator.

It was therefore chosen to define as 'precision' half the length of the 95% confidence interval for the indicator. The precision requirement is the maximum amount by which the 95% confidence interval is allowed to extend below or above the point estimate of the indicator. Countries may achieve narrower 95% confidence intervals, i.e. higher precision.

The indicators concerned are:

1. Participation rate in non-formal education and training (no breakdown)

2. Participation rate in non-formal education and training by gender
3. Participation rate in non-formal education and training by age group (25-34, 35-54 and 55-64)
4. Participation rate in non-formal education and training by highly educated persons
5. Participation rate in non-formal education and training by unemployed persons
6. Share of job-related activities among non-formal training (NFE) activities.

This means three types of indicator:

a) A proportion of the target population, which belongs to a particular class. Indicator no 1 in the list above is of this type.
b) A proportion of a subset of the target population, which belongs to a particular class. Indicators no 2 – 5 in the list above are of this type.
c) A ratio of two random quantities. Indicator no 6 in the list above is of this type; it is the ratio of the number of job-related NFE activities to the number of all NFE activities and both these numbers are sample-dependent, i.e. random.

This note is organized as follows: section 2 explains briefly the rationale behind the computations. Section **Error! Reference source not found.** presents the sampling theory and the computations for each indicator.

Throughout the text a reference is made to the results, which are presented in the separate Excel file "Annex15_PrecisionRequirements.xls".

1. APPROACH

The Regulation (EC) 452/2008 states that: *"Sample size shall be established on the basis of precision requirements that shall not require effective national sample sizes to be larger than 5000 individuals, calculated on the assumption of simple random sampling. Within these limits, specific subpopulations shall require particular sampling considerations"*.

It is therefore assumed, for each country in turn, that the AES will be based on a simple random sample of 5000 persons aged between 25 and 64 years. The sampling theory gives the basis for the estimation of the precision achievable for each key indicator. The countries cannot achieve the same precision: the precision will be slightly higher for countries with a smaller target population[23] since 5000 persons will be a larger share of it. The precision stated for each indicator in the Annex 2 to the AES Commission Regulation is the lowest precision achievable for this indicator among the EU27 Member States. Each country that adopts simple random sampling and takes a sample of 5000 persons will achieve at least this precision.

Countries with less than three and half million inhabitants aged 25-64 are an exception from this rule. For these countries with inhabitants between one million and 3.5 million, the same calculations are repeated but assuming a simple random sample of 3500 persons. For countries with less than one million inhabitants, a simple random sample of 2500 is assumed.

The countries need not adopt simple random sampling. They only need to select a suitable sample size and allocate it to population sub-groups, as defined by their chosen sampling scheme, so that they achieve the set precision requirement. This will ensure that their effective sample size will not exceed 5000 persons.

Countries are then free to use any sampling design as long as the precision requirements are met.

[23] These countries are not always the smallest countries. For example, when the indicator of interest is "Participation rate (%) in non-formal education and training by highly educated persons (ISCED level 5 – 6)" these countries will be those with the fewer highly educated persons.

2. THEORY AND RESULTS

a) What is meant by precision

Suppose that we want to estimate the value an indicator takes in the target population, with the help of a simple random sample. Let P be this unknown value, n be the sample size and $\hat{p}$ be the estimate we will compute from the sample.

The sample we are going to get is only one of the possible random samples of size n, which means that $\hat{p}$ is a random variable and has a sampling distribution. Let S_P^2 be the sampling variance of $\hat{p}$ and $S_P = \sqrt{S_P^2}$ be the sampling standard deviation of $\hat{p}$.

We define **precision** *d* at the 95% level as the quantity which satisfies the following property[24]:

$$\Pr\left(\left|\hat{p} - P\right| \geq d\right) = 0.05$$

Expanding the formula above we get the following:

$$\Pr\left(\left|\hat{p} - P\right| \geq d\right) = 0.05 \Leftrightarrow \Pr\left(\left|\hat{p} - P\right| < d\right) = 0.95.$$

In other words precision is half the length of the 95% confidence interval for the indicator.

This means that the larger *d* is, the smaller the precision. Selecting a sample size of 5000 persons in each country will not achieve the same precision in all countries because precision depends also on the size of the target population (number of persons aged 25 – 64) in each country. The precision will be larger (*d* will be smaller) in smaller countries. We therefore report as required precision the largest *d* achieved among the countries. All countries will be able to achieve it with a sample size (in simple random sampling) of 5000 persons or less.

b) Key assumptions

In all the discussion that follows, irrespective of the indicator P we deal with, we assume that $\hat{p}$ is an unbiased estimator of P and that the sampling distribution of $\hat{p}$ is Normal.

c) Precision for the participation rate in NFE (no breakdown - persons aged 25-64))

Let us assume that *P* is the unknown rate of participation in non-formal education. Then a 100(1-α)% confidence interval is:

$\hat{p} \pm z_{1-\frac{\alpha}{2}} \sqrt{\frac{N-n}{N-1}} \sqrt{\frac{P(1-P)}{n}}$, where $z_{1-\frac{a}{2}}$ is the abscissa of the normal curve that cuts off an area of α at the tails, *N* is the size of the population and *n* is the sample size.

The precision *d* is[25]:

[24] Cochran, W. G. (1977) Sampling Techniques (3rd Edition). New York : John Wiley and sons ; Page 75.
[25] Cochran, W. G. (1977); Page 75.

$$d = z_{1-\frac{a}{2}} \sqrt{\frac{N-n}{N-1}} \sqrt{\frac{P(1-P)}{n}}$$

Since the true rate *P* is unknown we set it equal to 0.5, which gives the largest *d* (i.e. the worst precision) for given *n* and *N*. Moreover we set $z_{1-\frac{a}{2}} = 1.96$ so as to have precision corresponding to 95% level, as indicated in section **Error! Reference source not found.**.

Results

We have used statistics on the population by sex and age on 1 January 2007 (2008 for TR) as a source for the value of *N* for each country.

Sheet "NFE" contains the precision for each country in column B. Column B summarises the calculations which ends in cells O13 – O45, corresponding to Gender T (total), column name "d(prec)". Cells S13 and S14 contain the maximum *d* for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

Alternative precision formula (for reference only)

Cochran (1977) provides an additional formula for the 100(1-α)% confidence interval for an unknown proportion *P*[26]:

$\hat{p} \pm \left[z_{1-\frac{\alpha}{2}} \sqrt{\frac{1-n}{N}} \sqrt{\frac{\hat{p}(1-\hat{p})}{n-1}} + \frac{1}{2n} \right]$, which does not differ much from the one we have used in our compuations.

For reference we used this formula as well, setting $z_{1-\frac{a}{2}} = 1.96$ and $\hat{p} = 0.5$.

The precisions corresponding to it are given in Sheet "NFE", cells K13 – K45, corresponding to Gender T (total), column name "d(CI)".

d) Precision for the participation rate in NFE of subgroups of the target population

If subgroups represent classifications of the population by age, sex, education, etc, the subgroup to which a person belongs may not be known until the sample has been taken. If a simple random sample of size *n* is selected, the expected size of sample from the *i*th subpopulation is $n\pi_i$ where π_i is the proportion of the population that belong to the *i*th subpopulation (e.g. the proportion of males).

We ignore the fact that the actual number of sample units that belong to each subpopulation is random and we assume that we will observe $n\pi_i$ units from subpopulation i. Suppose that we want to estimate a rate *P* separately for each subpopulation. The formula that connects the precision *d* for the *i*th subpopulation with the respective sample size $n\pi_i$ would then be:

[26] Cochran, W. G. (1977); Page 57, formula (3.19).

$$d = z_{1-\frac{\alpha}{2}}\sqrt{\frac{N\pi_t - n\pi_t}{N\pi_t - 1}}\sqrt{\frac{P(1-P)}{n\pi_t}} \Leftrightarrow d = z_{1-\frac{\alpha}{2}}\sqrt{\frac{N-n}{N\pi_t - 1}}\sqrt{\frac{P(1-P)}{n}}$$

We must make clear that the starting point is a sample of 5000 persons irrespective of gender.

Results

By gender (persons aged 25-64)

We have used statistics on the population by sex and age on 1 January 2007 (2008 for TR) as a source for the values of N and π_t for each country, gender and age class.

Sheet "NFE" contains the precision for each country in column B. Column B summarises the calculations which ends in cells O47 – O79, corresponding to Gender M (males), column name "d(prec)" and in cells O81 – O113, corresponding to Gender F (females), column name "d(prec)". Cells S47 and S48 (males) and S81 and S82 (females) contain the maximum *d* for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

By age class (within the age group 25-64)

Sheet "NFE by age " contains the precision for each country in column B. Column B summarises the calculations which ends in cells O47 – O79, corresponding to Age 25-34, column name "d(prec)", in cells O81 – O113, corresponding to Age 35-54, column name "d(prec)" and in cells O115 – O147, corresponding to Age 55-64, column name "d(prec)". The maximum *d* for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries for each age class are given in cells S47-S48 (25-34), S81-S82 (35-54) and S115-S116 (55-64).

For the highly educated (ISCED levels 5 and 6 - persons aged 25-64)

We have used different reference statistics as a source for the values of N and π_t for each country and level of educational attainment. These come from table "Population, aged 15 to 74 years, by sex, age groups and highest level of education attained" (lfsa_pgaed) of Eurostat's dissemination tree. We took 2007 as the reference year.

Sheet "NFE by educ " contains computed precision for each country and level of educational attainment. The precision for the highly educated is given in column B. Column B summarises the calculations which ends cells O115 – O147, corresponding to Educ ISCED5_6, column name "d(prec)". Cells S115 and S116 contain the maximum *d* for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

For the unemployed (persons aged 25-64)

The sources for the values of N and π_t for each country and employment status (Employed, Unemployed and Inactive) were tables "Employment by sex, age groups and nationality" (lfsa_egan), "Unemployment by sex, age groups and nationality" (lfsa_ugan) and "Inactive

population by sex, age groups and nationality" (lfsa_igan), of Eurostat's dissemination tree. We took 2007 as the reference year.

Sheet "NFE by empl " contains computed precision for each country and employment status. The precision for the unemployed is given in column B. Column B summarises the calculations which ends in cells O81 – O113, corresponding to EMPL UNEMPLOYED, column name "d(prec)". Cells S81 and S82 contain the maximum *d* for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

Alternative precision formula (for reference only)

The alternative formula, which we also used in section **Error! Reference source not found.**, in the case of subgroups of the target population gives the following precision formula:

$d = z_{1-\frac{\alpha}{2}} \sqrt{\frac{N-n}{N}} \sqrt{\frac{\hat{p}(1-\hat{p})}{n\pi_i - 1} + \frac{1}{2n\pi_i}}$, where where π_i is the proportion of the population that belong to the *i*th subpopulation.

Results

Precisions according to this formula appear, for reference, in all four sheets "NFE", "NFE by age ", "NFE by educ " and "NFE by empl " in the columns with heading "d(CI)".

e) Precision for the share of job-related activities among NFE activities (persons aged 25 – 64)

This indicator is different from the previous ones. It is not a proportion of persons but it is the ratio of two random variables and must be treated accordingly.

It is helpful to consider the way this indicator is estimated. We have a sample of n persons. Some of them respond that they have not received any NFE, others respond that they participated in one or more NFE activities.

Subsequently, respondents with one to three activities answer which ones of them were job-related and respondents with more than three activities provide the same information for three randomly chosen ones.

In the end each respondent has provided, among others, two numerical variables:

- The number of NFE activities for which he/she will provide more detailed information. It ranges between 0 and 3. We denote it by x.
- The number of NFE activities which were job-related. It ranges between 0 and x. We denote it by y.

If we denote by x_i, y_i the information provided by respondent i, $i = 1,2,\ldots,n$, the share of job-related activities is estimated as

$$\hat{R} = \frac{\sum_{i=1}^{n} y_i}{\sum_{i=1}^{n} x_i}$$, i.e. as a ratio of two random variables.

An approximation to the variance of $\hat{R}$, which is applicable to large samples, is the following[27]:

$$S^2\left(\hat{R}\right) = \frac{1-\frac{n}{N}}{n\overline{X}^2} \cdot \frac{\sum_{i=1}^{N} y_i^2 - 2R\sum_{i=1}^{N} y_i x_i + R^2 \sum_{i=1}^{N} x_i^2}{N-1},$$

where $\overline{X}$ is the mean value of x_i in the population.

The precision achieved at the 95% level is $d = 1.96 \cdot S\left(\hat{R}\right)$.

In order to estimate this precision we need an estimate of the quantity

[27] Cochran, W. G. (1977) Sampling Techniques (3rd Edition). New York : John Wiley and sons ; Page 153, formula (6.4).

$$\frac{\sum_{i=1}^{N} y_i^2 - 2R\sum_{i=1}^{N} y_i x_i + R^2 \sum_{i=1}^{N} x_i^2}{\overline{X}^2 (N-1)}$$

which we obtain from an earlier survey, i.e. the pilot AES.

Countries which did not carry out a pilot AES may estimate the quantity mentioned above by applying the formula to the data collected in the countries that carried out a pilot AES. Eurostat may compute the quantity and provide it to interested CNAs.

Results – case 1

Several countries carried out a pilot AES and therefore we have data in order to estimate the quantity

$$\frac{\sum_{i=1}^{N} y_i^2 - 2R\sum_{i=1}^{N} y_i x_i + R^2 \sum_{i=1}^{N} x_i^2}{\overline{X}^2 (N-1)}.$$

The samples of these countries were weighted, i.e. the observations x_i, y_i for i, $i = 1,2,\ldots,n$, are multiplied by a weight w_i.

In theory, weights are computed in such as way that their sum equals the size of the population, i.e. $\sum_{i=1}^{n} w_i = N$.
Therefore we estimate the quantity above by the quantity

$$\frac{\sum_{i=1}^{n} w_i y_i^2 - 2\hat{R}\sum_{i=1}^{n} w_i y_i x_i + \hat{R}^2 \sum_{i=1}^{n} w_i x_i^2}{\overline{x}^2 (N-1)}, \text{ where } \hat{R} = \frac{\sum_{i=1}^{n} w_i y_i}{\sum_{i=1}^{n} w_i x_i} \text{ and } \overline{x} = \frac{\sum_{i=1}^{n} w_i x_i}{N}.$$

Therefore the precision at 95% level is

$$d = 1.96 \cdot \sqrt{\frac{1 - \frac{n}{N}}{n}} \sqrt{\frac{\sum_{i=1}^{n} w_i y_i^2 - 2\hat{R}\sum_{i=1}^{n} w_i y_i x_i + \hat{R}^2 \sum_{i=1}^{n} w_i x_i^2}{\left(\frac{\sum_{i=1}^{n} w_i x_i}{N}\right)^2 (N-1)}}.$$

We set $n = 5000$, 3500 for medium countries (or 2500 for the small countries) and N equal to the number of persons aged 25 – 64 and we compute the precision.

If a country did not carry out the pilot AES, we take the weighted sums to be equal to the sums of weighted sums of all countries that participated in the pilot AES, and we also take N, **in the right-most square root only**, equal to the sum of N of the countries that carried out the pilot AES.

Sheet “Job-related NFE activities” contains the following results:

- Cells B12 – H35 contain the required sums and N for each country that carried out the pilot AES. Cells B36 – H36 contain the respective sums to use for the countries without a pilot AES.
- Column “R hat” contains the values of $\hat{R}$.
- Cells N12 – N35 and N41 – N49 contain the computed precision for each country.

Cells P12 and P13 contain the maximum d for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

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Results – case 2

The results for case 1 relied on the assumption that $\sum_{i=1}^{n} w_i = N$. This is clearly not so; please compare columns H and I of sheet “Job-related NFE activities”.

Therefore, a more appropriate formula for the precision is

$$d = 1.96 \cdot \sqrt{\frac{1-\frac{n}{N}}{n}} \sqrt{\frac{\sum_{i=1}^{n} w_i y_i^2 - 2\hat{R}\sum_{i=1}^{n} w_i y_i x_i + \hat{R}^2 \sum_{i=1}^{n} w_i x_i^2}{\left(\frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i}\right)^2 \left(\sum_{i=1}^{n} w_i - 1\right)}}.$$

We have included results based on this formula in sheet “Job-related NFE activities” as well:

- Cells O12 – O35 and O41 – O49 contain the computed precision for each country.

Cells P12 and P13 contain the maximum d for the large (sample size 5000 persons), medium (sample size 3500 persons) and small (sample size 2500 persons) countries respectively.

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Please note that the results for case 2 show that with the chosen sample sizes the precision will actually be larger than that indicated by case 1.

Checking that the Normality assumption and the formula for the variance of $\hat{R}$ are valid

A working rule for assuming that the sampling distribution of $\hat{R}$ is Normal and that the formula we have used for its sampling variance is valid is the following[28]: the sample size is larger than 30 and the coefficients of variation of $\bar{x}$ and $\bar{y}$ are smaller than 0.1.

We assume that the sampling in the future will be simple random sampling. Therefore, the coefficient of variation of $\bar{x}$ is equal to

[28] Cochran, W. G. (1977) Sampling Techniques (3rd Edition). New York : John Wiley and sons ; Page 153.

$$CV(\bar{x}) = \frac{\sqrt{\frac{1}{n}\left(1-\frac{n}{N}\right)\frac{\sum_{i=1}^{N}\left(x_i-\bar{X}\right)^2}{N-1}}}{\bar{X}}$$

The formula contains several unknown quantities, but we can estimate it from the pilot AES data as follows:

$$cv(\bar{x}) = \frac{\sqrt{\frac{1}{n}\left(1-\frac{n}{N}\right)\frac{\sum_{i-1}^{n} w_i x_i^2 - \frac{\left(\sum_{i=1}^{n} w_i x_i\right)^2}{\sum_{i=1}^{n} w_i}}{\sum_{i=1}^{n} w_i - 1}}}{\frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i}}.$$

The same formula applies to $\bar{y}$, by replacing the x_i with y_i. For countries without pilot AES data we have used the sums of the weighted sums across all countries with pilot AES data.

Results

Sheet "Check of cvs for R" contains the computed coefficients of variation in columns N and O and we see that indeed, they are all smaller than 0.1.

3. SAMPLE SIZE REQUIREMENTS FOR PERSONS AGED 18-24 AND 65-69 (OPTIONAL)

The AES TF meeting of June 2010 discussed a first set of requirements for the optional age groups proposed for the 2011 AES. Since this extension is done on a voluntary basis, no precise rules have been defined so far. Indicative calculations methods are however proposed in the separate XLS file for this annex (Annex15_PrecisionRequirements.XLS, last two worksheets).

The coverage of one of both of these age groups implies necessarily an extension of the sample as the initial sample needs to respect the threholds defined in the Annex 2 to the AES Commission Regulation.

While the precision requirement for the age group should be rather defined for the participation in a wider age group (e.g. 55-69 – No reliable data can be expected for the age group 65-69 in each country), two key indicators can be defined for the age group 18-24:

- ➔ participation in formal education (age 18-24)
- ➔ drop-outs (age 18-34 if the age group 18-24 has a too small sample size: calculations possible with the 2011 AES results)

The calculation available in the XLS file are meant to provide:

- ➔ Guidance for countries extending their sample in 2011/2012 (optional)

➔ Basis for the quality reports for the 2011 AES

➔ Prepare possible amendment to the AES Regulation (for the 2016 survey)

Further discussions will obviously need to take place after the samples for the 2011 survey have been defined by National Statistical Institutes.

Annex 12 – Comparability with the pilot survey

The pilot AES, carried out in the period 2005 – 2008, was implemented according to EU recommendations. Overall the quality of the pilot AES was regarded to be high and collected data were regarded relevant to users.

The development of the next AES was made taking into consideration the experience gained from the pilot and especially the shortcomings that have been reported by the countries that implemented the pilot survey. The main weaknesses identified by the countries were the long questionnaire and the lack of sufficient guidelines regarding some survey variables. Both weaknesses are believed to have affected to some degree the accuracy of the AES data. With a view to overcoming these problems Eurostat updated the AES recommendations and revised the relevant technical documents following the discussions made in the working group meetings.

As regards the EU AES manual, the main improvements/changes involved the development of detailed interview guidelines per variable and the revision of the precision requirements. Moreover, a new template for quality reporting was introduced for the collection of the methodological and quality information at national level.

Significant changes have also been applied to the AES standard questionnaire. New variables have been introduced, others have been excluded, many questions were rephrased and new categories were added in order to cover most of the expectations of the AES expert groups and the needs related to the field of lifelong learning. The main intention was to develop a questionnaire that would be easier to follow and would incorporate most of the recommendations derived from the pilot survey. In addition, the design of the model questionnaire was made in line with the Commission Regulation established in 2010 regarding the implementation of the AES survey.

We assess the comparability of the pilot survey with the next AES, to be carried out in 2011, by comparing the two model questionnaires that have been developed in the two different waves. We present below the changes implemented section by section. In each section, we use a table that indicates the variables in the revised model questionnaire (variable name and description), the correspondence with the variables of the old version, where applicable, and a description of the changes made (for example a new classification for the same variable, the addition of more categories, new variables introduced, etc.).

(1) General information

This is a new section added in the AES 2010 survey. It provides information on basic survey characteristics, like the country and region of residence, the reference year, the data collection method, etc. Some of these variables were also covered in the pilot survey but they were included in the section "Information on the household".

Variable name	Description	Old variable name	Change
COUNTRY	Country of residence	-	New variable
REGION	Region of residence	-	New variable
DEG_URB	Degree of urbanisation	BG3V	No change
REFYEAR	Reference year of the survey	BG1V	No change

REFMONTH	Reference month of the survey	BG2V	No change
INTMETHOD	Data collection method	-	New variable
INTLANG	Language used in the interview	-	New variable

(2) Information on the household

Variable name	Description	Old variable name	Change
HHNBPERS	Households size	BG4V	Different classification
HHTYPE	Household type	-	New variable
HHLABOUR	Household composition	-	New variable
HHINCOME	Net monthly income of the household	-	New variable

In the pilot survey, variable BG28V referred to the monthly income grouped into five quintiles. However, this variable concerned the income from the main job of the respondent and not the income of the household in total. In the AES 2010, BG28V has been replaced by the new variable HHINCOME grouped into ten intervals.

(3) Information on the individual

Variable name	Description	Old variable name	Change
SEX	Sex	BG5V	No change
BIRTHYEAR	Year of birth	BG6V	No change
BIRTHMONTH	Month of birth	-	New variable
BIRTHPLACE	Country of birth	BG9V	No change
RESTIME	Years of residence	BG8V	Slight changes in the wording of categories
CITIZEN	Citizenship	BG7V	No change
MARSTALEGAL	Legal marital status	-	New variable
MARSTADEFACTO	De facto marital status	-	New variable
HATLEVEL	Highest level of completed education/training	BG10V	ISCED 4 is listed without distinction a, b or c

Variable name	Description	Old variable name	Change
HATFIELD	Field of the highest level of education or training successfully completed	BG11V	No change
HATYEAR	Year of completion of highest level of education/training	BG12V	No change
HATVOC *(optional)*	Orientation of the highest level of education/training completed	-	New variable
HATOTHER *(optional)*	Other formal education/training completed	-	New variable
HATOTHER_LEVEL *(optional)*	Level of the other formal education programme	-	New variable
HATOTHER_VOC *(optional)*	Orientation of the other formal education programme	-	New variable
HATOTHER_FIELD *(optional)*	Field of the other formal education programme	-	New variable
HATCOMP *(optional)*	Recognition of skills and competences undertaken	-	New variable
HATCOMPHIGHP *(optional)*	Recognition of skills and competences with access to a higher formal education programme	-	New variable
DROPHIGH	Not completed formal education	BG13Q	Filter inserted
DROPLEVEL	Level of the formal education not completed	BG14V	No change
DROPVOC *(optional)*	Orientation of the formal education not completed	-	New variable
MAINSTAT	Main current labour status	BG15V	Distinction between full and part time work
JOBSTAT	Professional status	BG16V	Distinction between employees with permanent and temporary job
JOBISCO	Occupation	BG18V	ISCO-08
LOCNACE	Economic activity of the local unit	BG17V	NACE Rev.2
LOCSIZEFIRM	Local unit size	BG19V	Slight changes

Variable name	Description	Old variable name	Change
			in the categories provided
JOBTIME	Starting year of current main job	BG20V	No change
HATFATHER	Highest level of completed education/training by the father	SF1V	Slight changes in the wording of categories
HATMOTHER	Highest level of completed education/training by the mother	SF2V	Slight changes in the wording of categories
ISCOFATHER *(optional)*	Main occupation of father	SF3V	ISCO-08
ISCOMOTHER *(optional)*	Main occupation of mother	SF4V	ISCO-08

Variables BG21V (permanency of the job) and BG22V (distinction between full/part time), included in the pilot survey, have been removed from the revised questionnaire. This information is now provided in variables JOBSTAT and MAINSTAT respectively.

Variable BG23V (existence of second job) and the section 'Situation one year before the survey (variables BG24V to BG27V), included in the pilot survey, have been excluded from the revised questionnaire.

(4) Access to information about learning possibilities

In the pilot survey, this section was allocated after the section on 'Informal learning'. It has now been moved before the section on 'Participation in Education and Training', so that respondents answer the respective questions before moving on to the questions on the different types of learning.

Variable name	Description	Old variable name	Change
SEEKINFO	Seeking information about learning possibilities	ILP1Q	No change
SEEKFOUND	Finding information about learning possibilities	-	New variable
SEEKSOURCE	Sources of information about learning possibilities (multiple response)	ILP2V	No changes in the categories. Different filter (SEEKINFO

Variable name	Description	Old variable name	Change
			instead of SEEKFOUND[29]) provided

Variable ILP2V (sources of information) in the pilot survey included also the category "No information found". This category has now been dropped from the list of sources and a new variable has been inserted instead (SEEKFOUND) asking whether the respondent found the requested information on learning possibilities. Thus, in the AES 2010, we first ask if the information was found and for those who found it, we then ask about the sources.

Variable ILP3Q (use of internet for accessing information on learning possibilities), included in the pilot survey, has been removed from the revised version and has been incorporated in the variable SEEKSOURCE with the addition of one more category "Internet".

(5) Participation in Education and Training

Formal education

Variable name	Description	Old variable name	Change
FED	Participation in formal education	FED1V	No change
FEDNUM	Number of formal education activities	FED2V	No change
FEDNAME	Name of the most recent formal education activity	-	New variable
FEDLEVEL	Level of the most recent formal education activity	FED3XV	No change
FEDFIELD	Field of the most recent formal education activity	FED4XV	No change
FEDVOC	Orientation of the most recent education/training	-	New variable
FEDMETHOD	Main method of learning in formal education activity	FED6XQ	Reformulation of the question
FEDREASON	Reasons for participating in formal education activity (multiple response)	FED5XV	New list of reasons provided with the possibility of multiple responses
FEDWORKTIME	Formal education activity during paid working hours	FED8XV	No change

[29] In the Regulation and coding book. The standard questionnaire unwillingly kept the filter on SEEKFOUND.

Variable name	Description	Old variable name	Change
FEDNBHOURS	Total number of instruction hours	FED7V	3 digit code
FEDNBWEEKS (optional)	Total number of weeks	-	New variable
FEDDURPERWEEK (optional)	Average number of instruction hours per week	-	New variable
FEDPAID	Payment for formal education activity	-	New variable
FEDPAIDBY	Partial or full payment for formal education activity (multiple response)	-	New variable
FEDPAIDVAL	Costs paid for formal education activity	FED11Q and FED12Q	Merging of the two questions into one. Figures are requested in Euros.
FEDUSE	Use of skills/knowledge from formal education activity	-	New variable
FEDSAT (optional)	Satisfaction with formal education activity	-	New variable
FEDUNSATREASON (optional)	Reasons for not being satisfied with formal education activity	-	New variable
FEDOUTCOME	Outcomes through formal education activity	-	New variable

Regarding the main method of learning, in the pilot survey there was a variable (FED6XQ) asking whether the activity was mainly derived through distance education. In the AES 2010, this variable has been replaced by 'FEDMETHOD' which not only asks about distance learning but it also makes a distinction between different types of distance learning and traditional teaching (e.g. in the classroom).

Variables FED9Q – FED9aQ (payment by yourself or any relatives) and FED10Q – FED10aQ (payment by employer) included in the pilot survey have now been removed and replaced by variables FEDPAID and FEDPAIDBY. The new variables are better formulated and are more straightforward, asking first about the type of payment (fully/partly by yourself or someone else) and then about who made this payment (fully/partly) for the respective formal education activity.

Non-formal education

Variable name	Description	Old variable name	Change
(NFE)	Participation in any of the listed activities	NFE1	Better formulation of the question

Variable name	Description	Old variable name	Change
			and distinction between the types of non-formal education activities
NFENUM	Number of non-formal education activities	-	New variable
NFEACT0x_TYPE	Type of the x non-formal education activity (3 digits code)	NFEx	The third digit of the coding is a number corresponding to the type of activity listed in the question
NFEPURP10	Job related non-formal education activity	-	New variable
NFEWORKTIME10	Non-formal education activity during paid working hours	-	New variable
NFEPAIDBY10	Non-formal education activity partially or fully paid by the employer	-	New variable
Detailed information concerning randomly selected activities			
Variable name	**Description**	**Old variable name**	**Change**
NFERAND1	Code of the 1st randomly selected non-formal activity	-	New variable
NFERAND1_TYPE	Type of the 1st randomly selected activity	NFE2_1V	2 digit code
NFEPURP1	Purpose of the 1st non-formal activity	NFE3_1Q	No change
NFEFIELD1	Field of the 1st non-formal activity	-	New variable
NFEMETHOD1	Main method of learning in the 1st non-formal activity	NFE18_1Q	Reformulation of the question with better distinction between the different types of methods
NFEREASON1	Reasons for participating in the 1st non-formal activity	NFE4_1Q	No change
NFEWORKTIME1	1st non-formal activity during	NFE6_1V	No change

Variable name	Description	Old variable name	Change
	paid working hours		
NFENBHOURS1	Total number of instruction hours	NFE14_1V	No change
NFENBWEEKS1 (optional)	Total number of weeks	-	New variable
NFEDURPERWEEK1 (optional)	Average number of instruction hours per week	-	New variable
NFEPROVIDER1	Provider of the 1st non-formal activity	NFE20_1Y	New category added "Non commercial institution where ET is not the main activity"
NFECERT1	Certificate after the 1st non-formal activity	NFE7_1V	More detailed categories provided
NFEPAID1	Payment for the 1st non-formal activity	-	New variable
NFEPAIDBY1	Partial or full payment for the 1st non-formal activity	-	New variable
NFEPAIDVAL1	Costs paid for the 1st non-formal activity	FED12_1 and FED13_1Q	Merging of the two questions into one. Figures are requested in Euros.
NFEUSE1	Use of skills/knowledge from the 1st non-formal activity	NFE21_1V	No change
NFESAT1 (optional)	Satisfaction with the 1st non-formal activity	-	New variable
NFEUNSATREASON1 (optional)	Reasons for not being satisfied with the 1st non-formal activity	-	New variable
NFEOUTCOME1	Outcomes through the 1st non-formal activity	-	New variable

Regarding the payment of the 1st non-formal activity, the changes applied are similar to the changes reported in the respective questions in formal education. Thus, the former variables NFE10_1Q – NFE10a_1Q (payment by yourself or any relatives) and FED11_1Q – FED11a_1Q (payment by employer) have been replaced by variables NFEPAID1 and NFEPAIDBY1. The content of the new variables is the same as in the case of formal education.

Variables NFE15_1Q and NFE16_1Q (total number of hours spent on homework and travel connected with the 1st non-formal activity), NFE17_1Q (use of computer/internet) and NFE22_1V (country in which the activity took place), all included in the pilot survey, have been excluded from the revised version.

Finally, variables NFE23 and NFE2MQ, referring to difficulties in the participation in formal or non-formal activities, have been removed from this section and incorporated in the next section, "Difficulties in participation in education".

(6) Difficulties in participation in education

This section has been reformulated in order to collect information for all kinds of respondents regarding their participation in education. We distinguish the following four groups of respondents:

- Persons who participated in education/training and did not want to participate more
- Persons who participated in education/training but wanted to participate even more
- Persons who did not participate in education/training and did not want to participate
- Persons who did not participate in education/training but wanted to participate

The first two variables (DIFFICULTY_1_2 and DIFFICULTY_3_4) are used in order to distribute respondents into the groups mentioned above. The rest of the variables concern the reasons for which respondents of each group did not participate in education/training.

Compared to the pilot survey, this section has different structure but some of the reasons provided in each case have remained the same. However, the order of categories has been changed and there have also been new additions in the lists of reasons. We indicate below the correspondence between the variables of the two waves wherever this is possible.

Variable name	Description	Old variable name	Change
DIFFICULTY_1_2	Difficulties related to participation for those who participated in any kind of education/training but would like to participate even more	OB1bQ	Slight changes in the wording of categories
DIFFICULTY_3_4	Difficulties related to participation for those who did not participated in any kind of education/training but would like to participate	-	New variable
DIFFTYPE1A	Not wanting to participate in any kind of education/training	-	New variable
DIFFTYPE1B	Reasons for not wanting to participate in any kind of education/training	OB2	Merging of some of the variables OB201 to OB210 into one question.

Variable name	Description	Old variable name	Change
			Some categories were excluded, new were added and some others were reworded.
DIFFMAIN1	Most important difficulty	OB2M	No change
DIFFTYPE2	Type of difficulties in participation or participation more in education/training (multiple response)	OB3a and OB3b	Merging of some of the variables OB301 to OB310 into one question. Some categories were excluded, new were added and some others were reworded.
DIFFMAIN2	Most important difficulty	OB3MQ	No change
DIFFTYPE3A	Not wanting to participate more in education/training	-	New variable
DIFFTYPE3B	Reasons for not wanting to participate more in education/training	-	New variable
DIFFMAIN3	Most important difficulty	-	New variable

(7) Informal learning

Variable name	Description	Old variable name	Change
INF	Informal learning	-	New variable
INFFIELD1	Field of the 1st most recent informal learning activity	-	New variable
INFPURP1	Purpose of the 1st most recent informal learning activity		
INFMETHOD1	Main method of learning of the 1st most recent informal learning activity	INF1V to INF4V	Merging of all variables into one

Variables INFFIELD, INFPURP and INFMETHOD are also asked for the 2nd most recent informal learning activity.

Variables INF5V to INF8V (other methods of learning and list of the 3 most important subjects taught) of the pilot survey have been excluded from the revised version.

(8) ICT

All variables included in the respective section of the pilot survey have been removed and replaced by the following two variables.

Variable name	Description	Old variable name	Change
ICTCOMPUTER	Computer related activities (multiple response)	-	New variable
ICTINTERNET *(optional)*	Internet related activities (multiple response)	-	New variable

(9) Languages

Variable name	Description	Old variable name	Change
LANGMOTHER	Mother tongue(s)	LG2V	Slight changes in the wording of question
LANGUSED	Language(s) used other than mother tongue	LG1V	Exclusion of mother tongue
INTLANGBEST1	First best known international language other than mother tongue	-	New variable
LANGLEVEL1	First best international language (other than mother tongue) knowledge	LGZ5	Separately for the 1st and the 2nd (LANGLEVEL2) best known language
OTHERLANG	Other language(s) used only at the national level (excluding mother tongue)	-	New variable
OTHERLANGLEVEL	Knowledge of other language(s) used only at the national level (excluding mother tongue)	-	New variable

Variables INTLANGBEST and LANGLEVEL are also asked for the 2nd best known international language other than mother tongue.

Variable LG3V of the pilot survey, referring to the two most used languages (excluding mother tongue) has been replaced by INTLANGBES1 and INTLANGBEST2. The main difference is that instead of asking for the languages with the most frequent use, we ask for the two best-known languages. Thus, in the AES 2010 we assess the level of knowledge of international languages and not the frequency in their use.

Variables LGZ41 and LGZ42 related to the context of language use (for work/study or leisure/with family and friends) have been excluded from the revised version of the model questionnaire.

(10) Cultural participation

Variable name	Description	Old variable name	Change
CULTPAR1 *(optional)*	Cultural participation – Live performances	CA1V	Merging of categories provided
CULTPAR2 *(optional)*	Cultural participation – Cinema	CA2V	Merging of categories provided
CULTPAR3 *(optional)*	Cultural participation – Visit to cultural sites	CA3V	Merging of categories provided
CULTPAR4 *(optional)*	Cultural participation – Live sport events	CA4V	Merging of categories provided
CULTNEWS *(optional)*	Cultural participation – Reading newspapers	CA15Q	No change
CULTBOOK *(optional)*	Cultural participation – Reading books	CA13Q	No change
CULTBOOKNUM *(optional)*	Cultural participation – Number of books	CA14Q	Different categories provided
SOCIALPAR *(optional)*	Social participation	SP1V to SP7V	Merging of seven variables into one question with the same categories provided

Variables CA5Q (participation in public performances), CA9 (making photographs, movies or video tapes), CA10 (making a painting, drawing, sculpture or printing), CA11 (writing prose, poems, short stories) and CA12 (number of books at home), all included in the pilot survey, have now been excluded from the AES 2010.

The section 'Social participation' was separated from the 'Cultural participation' in the pilot survey.

(12) Attitude towards learning

This section was included in the pilot survey but has been removed from the AES 2010 model questionnaire. The variables covered by this section are considered as an additional burden that would not provide significant input to the survey.

Annex 13 – European Parliament/Council Regulation

REGULATION (EC) No 452/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 23 April 2008

concerning the production and development of statistics on education and lifelong learning

(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 285(1) thereof,

Having regard to the proposal from the Commission,

After consultation of the European Economic and Social Committee,

Acting in accordance with the procedure laid down in Article 251 of the Treaty [1],

Whereas:

(1) The Council Resolution of 5 December 1994 on the promotion of education and training statistics in the European Union [2] requested the Commission, in close cooperation with the Member States, to expedite the development of education and training statistics.

(2) The European Council held in Brussels on 22 and 23 March 2005 agreed to relaunch the Lisbon Strategy. It concluded that Europe must renew the basis of its competitiveness, increase its growth potential and its productivity and strengthen social cohesion, placing the main emphasis on knowledge, innovation and the optimisation of human capital. In that respect, the employability, adaptability and mobility of citizens is vital for Europe.

(3) To attain these objectives, European systems of education and training must adapt to the requirements of the knowledge society and the need for an enhanced level of education and better quality employment. Statistics on education, training and lifelong learning are of the highest importance as a basis for political decisions.

(4) Lifelong learning is a key element in developing and promoting a skilled, trained and adaptable workforce. In the Presidency Conclusions of the Spring 2005 European Council it was stressed that 'human capital is Europe's most important asset'. The Integrated Guidelines for Growth and Jobs including the guidelines for the employment policies of the Member States, endorsed by the Council in its Decision 2005/600/EC [3], aim to contribute better to the Lisbon strategy and to establish comprehensive lifelong learning strategies.

(5) The adoption in February 2001 of the Council Report 'Objectives of the education and training systems' and the adoption in February 2002 of the work programme for 2001-2011 on the follow-up to this report constitute an important step in honouring the commitment to modernise and improve the quality of the education and training systems of the Member States. Indicators and reference levels of European average performance ('benchmarks') are among the instruments of the open method of coordination which are important for the 'Education and Training 2010' work programme. The Ministers of Education took a decisive step in May 2003 by agreeing on five European benchmarks to be attained by 2010, while stressing they do not define national targets or prescribe decisions to be taken by national governments.

(6) On 24 May 2005, the Council adopted Conclusions on 'New indicators in education and training' [4]. In these Conclusions the Council invited the Commission to present to the Council strategies and proposals for the development of new indicators in nine particular areas of education and training and also stressed that the development of new indicators should fully respect the responsibility of Member States for the organisation of their education systems and should not impose undue administrative or financial burdens on the organisation and institutions concerned, or inevitably lead to an increased number of indicators used to monitor progress.

(7) The Council also adopted, in November 2004, Conclusions on European cooperation in vocational education and training, and agreed that priority should be given at European level to 'the improvement of the scope, precision and reliability of vocational education and training statistics in order to enable evaluation of progress'.

(1) Opinion of the European Parliament of 25 September 2007 (not yet published in the Official Journal) and Council Decision of 14 February 2008.

(2) OJ C 374, 30.12.1994, p. 4.

(3) OJ L 205, 6.8.2005, p. 21.

(4) OJ C 141, 10.6.2005, p. 7.

(8) Comparable statistical information at Community level is essential for the development of education and lifelong learning strategies and for the monitoring of progress in their implementation. Statistical production should be based on a framework of coherent concepts and comparable data in view of the establishment of an integrated European statistical information system on education, training and lifelong learning.

(9) When applying this Regulation, account should be taken of the notion of people at a disadvantage in the labour market referred to in the Guidelines for the employment policies of the Member States.

(10) The Commission (Eurostat) is collecting data on vocational training in enterprises in accordance with Regulation (EC) No 1552/2005 of the European Parliament and of the Council of 7 September 2005 on the statistics relating to vocational training in enterprises [1]. However, a broader legal framework is necessary to ensure the sustainable production and development of statistics on education and lifelong learning, covering at least all relevant existing and planned activities. The Commission (Eurostat) is collecting annual data on education from the Member States on a voluntary basis, through a joint action carried out with the Unesco Institute for Statistics (UIS) and with the Organisation for Economic Cooperation and Development (OECD), usually referred to as the 'UOE data collection'. The Commission (Eurostat) is also collecting data on education, training and lifelong learning through other household sources such as the European Union Labour Force Survey [2] and the Community statistics on income and living conditions [3] as well as through their ad-hoc modules.

(11) Since policy formulation and monitoring in the field of education and lifelong learning is of a dynamic nature and adapts to an evolving environment, the statistical regulatory framework should provide for a certain degree of flexibility in a limited and controlled manner, taking into account the burden for respondents and the Member States.

(12) Since the objective of this Regulation, namely the creation of common statistical standards that permit the production of harmonised data cannot be sufficiently achieved by the Member States and can therefore be better achieved at Community level, the Community may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary to achieve that objective.

(13) The production of specific Community statistics is governed by the rules set out in Council Regulation (EC) No 322/97 of 17 February 1997 on Community Statistics [4].

(14) This Regulation ensures full respect for the right to the protection of personal data as provided for in Article 8 of the Charter of Fundamental Rights of the European Union.

(15) The transmission of data subject to statistical confidentiality is governed by the rules set out in Regulation (EC) No 322/97 and in Council Regulation (Euratom, EEC) No 1588/90 of 11 June 1990 on the transmission of data subject to statistical confidentiality to the Statistical Office of the European Communities [5].

(16) Commission Regulation (EC) No 831/2002 of 17 May 2002 implementing Council Regulation (EC) No 322/97 on Community statistics concerning access to confidential data for scientific purposes [6] established the conditions pursuant to which access to confidential data transmitted to the Community authority may be granted.

(17) The measures necessary for the implementation of this Regulation should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission [7].

(18) In particular, the Commission should be empowered to select and specify the subjects of the statistics, their characteristics in response to policy or technical needs, the breakdown of characteristics, the observation period and deadlines for transmission of results, the quality requirements including the required precision and the quality reporting framework. Since those measures are of general scope and are designed to amend non-essential elements of this Regulation, inter alia, by supplementing it with new non-essential elements, they must be adopted in accordance with the regulatory procedure with scrutiny provided for in Article 5a of Decision 1999/468/EC.

[1] OJ L 255, 30.9.2005, p. 1.

[2] Commission Regulation (EC) No 2104/2002 of 28 November 2002 adapting Council Regulation (EC) No 577/98 on the organisation of a labour force sample survey in the Community and Commission Regulation (EC) No 1575/2000 implementing Council Regulation (EC) No 577/98 as far as the list of education and training variables and their codification to be used for data transmission from 2003 onwards are concerned (OJ L 324, 29.11.2002, p. 14).

[3] Commission Regulation (EC) No 1983/2003 of 7 November 2003 implementing Regulation (EC) No 1177/2003 of the European Parliament and of the Council concerning Community statistics on income and living conditions (EU-SILC) as regards the list of target primary variables (OJ L 298, 17.11.2003, p. 34).

[4] OJ L 52, 22.2.1997, p. 1. Regulation as amended by Regulation (EC) No 1882/2003 of the European Parliament and of the Council (OJ L 284, 31.10.2003, p. 1).

[5] OJ L 151, 15.6.1990, p. 1. Regulation as amended by Regulation (EC) No 322/97.

[6] OJ L 133, 18.5.2002, p. 7. Regulation as last amended by Regulation (EC) No 1000/2007 (OJ L 226, 30.8.2007, p. 7).

[7] OJ L 184, 17.7.1999, p. 23, Decision as amended by Decision 2006/512/EC (OJ L 200, 22.7.2006, p. 11).

(19) The Statistical Programme Committee established by Council Decision 89/382/EEC, Euratom [1], has been consulted in accordance with Article 3 of that Decision,

HAVE ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation establishes a common framework for the systematic production of Community statistics in the field of education and lifelong learning.

Article 2

Definitions

For the purpose of this Regulation:

(a) 'Community statistics' shall be defined as in the first indent of Article 2 of Regulation (EC) No 322/97;

(b) 'production of statistics' shall be defined as in the second indent of Article 2 of Regulation (EC) No 322/97;

(c) 'national authorities' shall be defined as in the third indent of Article 2 of Regulation (EC) No 322/97;

(d) 'education' means organised and sustained communication designed to bring about learning [2];

(e) 'lifelong learning' means all learning activity undertaken throughout life, with the aim of improving knowledge, skills and competences within a personal, civic, social and/or employment-related perspective [3];

(f) 'micro-data' means individual statistical records;

(g) 'confidential data' means data which allow only indirect identification of the statistical units concerned, in accordance with Regulation (EC) No 322/97 and Regulation (Euratom, EEC) No 1588/90.

Article 3

Domains

This Regulation shall apply to the production of statistics in three domains:

(a) Domain 1 shall cover statistics on education and training systems;

(b) Domain 2 shall cover statistics on the participation of adults in lifelong learning;

(c) Domain 3 shall cover other statistics on education and lifelong learning, such as statistics on human capital and on the social and economic benefits of education, not covered by Domains 1 and 2.

The production of statistics in those domains shall be carried out in accordance with the Annex.

Article 4

Statistical actions

1. The production of Community statistics in the field of education and lifelong learning shall be implemented by individual statistical actions as follows:

(a) the regular delivery of statistics on education and lifelong learning by the Member States, within specified deadlines for Domains 1 and 2;

(b) the use of other statistical information systems and surveys, to provide additional statistical variables and indicators on education and lifelong learning, corresponding to Domain 3;

(c) the development, improvement and updating of standards and manuals on statistical frameworks, concepts and methods;

(d) the improvement of data quality, in the context of the quality framework, to include:

— relevance,

— accuracy,

— timeliness and punctuality,

— accessibility and clarity,

— comparability, and

— coherence.

Available capacities within the Member States for data collection and the processing and development of concepts and methods shall be taken into account by the Commission.

Where appropriate, special attention and consideration shall be given to the regional dimension of the data collected. Where appropriate, data shall be systematically broken down by gender.

[1] OJ L 181, 28.6.1989, p. 47.

[2] According to the 1997 version of the International Standard Classification of Education (ISCED).

[3] Council Resolution of 27 June 2002 on lifelong learning (OJ C 163, 9.7.2002, p. 1).

2. Whenever possible, the Commission (Eurostat) shall seek cooperation with the UIS, the OECD and other international organisations with a view to ensuring international comparability of data and to avoid duplication of effort, in particular as regards the development and improvement of statistical concepts and methods and the delivery of statistics by the Member States.

3. Whenever significant new data requirements or insufficient quality of data are identified and before any data collection, the Commission (Eurostat) shall institute pilot studies to be completed on a voluntary basis by the Member States. Such pilot studies shall be carried out in order to assess the feasibility of the relevant data collection, taking into consideration the benefits of the availability of the data in relation to the collection costs and the burden on respondents. Pilot studies shall not necessarily lead to corresponding implementing measures.

Article 5

Transmission of micro-data on individuals

When necessary for the production of Community statistics, Member States shall transmit confidential micro-data resulting from sample surveys to the Commission (Eurostat) in accordance with the provisions on the transmission of data subject to confidentiality set out in Regulation (EC) No 322/97 and in Regulation (Euratom, EEC) No 1588/90. Member States shall ensure that the transmitted data do not permit the direct identification of the statistical units (individuals).

Article 6

Implementing measures

1. The following measures designed to amend non-essential elements of this Regulation by supplementing it, including measures to take account of economic and technical developments concerning the collection, transmission and processing of the data, shall be adopted in accordance with the regulatory procedure with scrutiny referred to in Article 7(3) with a view to ensuring the transmission of high quality data:

(a) the selection and specification of subjects covered by the domains and their characteristics in response to policy or technical needs;

(b) the breakdowns of characteristics;

(c) the observation period and deadlines for transmission of results;

(d) the quality requirements, including the required precision;

(e) the quality reporting framework.

If these measures lead to a requirement for a significant enlargement of existing data collections or for new data collections or surveys, implementing decisions shall be based on a cost-benefit analysis as part of a comprehensive analysis of the effects and implications, taking into account the benefit of the measures, the costs for the Member States and the burden on respondents.

2. The measures referred to in paragraph 1 shall take account of the following:

(a) for all Domains, the potential burden on educational institutions and individuals;

(b) for all Domains, the results of the pilot studies referred to in Article 4(3);

(c) for Domain 1, the latest agreements between the UIS, the OECD and the Commission (Eurostat) on concepts, definitions, data collection format, data processing, periodicity and deadlines for transmission of results;

(d) for Domain 2, the results from the Adult Education Pilot Survey performed between 2005 and 2007 and further development needs;

(e) for Domain 3, the availability, suitability and the legal context of existing Community data sources after an exhaustive examination of all existing data sources.

3. If necessary, limited derogations and transition periods for one or more Member States, both to be based upon objective grounds, shall be adopted in accordance with the regulatory procedure referred to in Article 7(2).

Article 7

Committee

1. The Commission shall be assisted by the Statistical Programme Committee.

2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

3. Where reference is made to this paragraph, Article 5a(1) to (4) and Article 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

Article 8

Entry into force

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Strasbourg, 23 April 2008.

For the European Parliament	*For the Council*
The President	*The President*
H.-G. PÖTTERING	J. LENARČIČ

ANNEX

DOMAINS

Domain 1: Education and training systems

1. *Aim*

The aim of this data collection is to provide comparable data on key aspects of education and training systems, specifically on the participation and completion of education programmes, as well as on the cost and type of resources dedicated to education and training.

2. *Scope*

The data collection shall cover all domestic educational activities regardless of ownership of, or sponsorship by, the institutions concerned (whether public or private, national or foreign) and of the education delivery mechanism. Correspondingly, the coverage of the data collections shall extend to all student types and age groups.

3. *Subjects covered*

Data shall be collected on:

(a) students' enrolment, including the characteristics of the students;

(b) entrants;

(c) graduates and graduations;

(d) education expenditure;

(e) educational personnel;

(f) foreign languages learnt;

(g) class sizes;

allowing the calculation of indicators on the inputs, processes and outputs of the education and training systems.

Appropriate information (metadata) shall be transmitted by Member States, describing specificities of national education and training systems and their correspondence with international classifications as well as any deviations from the specifications of the data request and any other information which is essential for the interpretation of data and the compilation of comparable indicators.

4. *Periodicity*

Data and metadata shall be supplied annually, if not otherwise specified, within the deadlines agreed between the Commission (Eurostat) and the national authorities taking into account the latest agreements between the UIS, the OECD and the Commission (Eurostat).

Domain 2: Participation of adults in lifelong learning

1. *Aim*

The aim of this survey shall be to provide comparable data on participation and non-participation of adults in lifelong learning.

2. *Scope*

The statistical unit shall be the individual, covering at least the population age range of 25-64 years. In the case of the collection of information through a survey, proxy answers shall be avoided, wherever possible.

3. *Subjects covered*

Subjects covered by the survey shall be:

(a) participation and non-participation in learning activities;

(b) characteristics of these learning activities;

(c) information on self-reported skills;

(d) socio-demographic information.

Data on participation in social and cultural activities shall also be collected on a voluntary basis as explanatory variables useful for further analysis of the participants and non-participants' profiles.

4. *Data sources and sample size*

The data source shall be a sample survey. Administrative data sources may be used to reduce the burden on respondents. Sample size shall be established on the basis of precision requirements that shall not require effective national sample sizes to be larger than 5 000 individuals, calculated on the assumption of simple random sampling. Within these limits, specific subpopulations shall require particular sampling considerations.

5. *Periodicity*

Data shall be collected every five years. The first year of implementation shall be 2010, at the earliest.

Domain 3: Other statistics on education and lifelong learning

1. *Aim*

The aim of this data collection shall be to provide further comparable data on education and lifelong learning to support specific policies at the Community level not included in Domains 1 and 2.

2. *Scope*

Other statistics on education and lifelong learning shall refer to the following aspects:

(a) statistics on education and the economy, required at Community level for monitoring policies on education, research, competitiveness and growth;

(b) statistics on education and the labour market, required at Community level for monitoring employment policies;

(c) statistics on education and social inclusion, required at Community level for monitoring policies on poverty, social inclusion and migrant integration.

For the aspects listed above, the necessary data shall be acquired from existing Community statistical sources.

Annex 14 – Commission Regulation

COMMISSION REGULATION (EU) No 823/2010

of 17 September 2010

implementing Regulation (EC) No 452/2008 of the European Parliament and of the Council concerning the production and development of statistics on education and lifelong learning, as regards statistics on the participation of adults in lifelong learning

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 452/2008 of the European Parliament and of the Council of 23 April 2008 concerning the production and development of statistics on education and lifelong learning [1], and in particular Article 6(1) thereof,

Whereas:

(1) Regulation (EC) No 452/2008 establishes a common framework for the systematic production of European statistics in the field of education and lifelong learning.

(2) According to Article 6(1) of Regulation (EC) No 452/2008, the Commission should adopt certain implementing measures in view of ensuring the transmission of high quality data.

(3) It is necessary to adopt measures for the implementation of individual statistical actions for the production of statistics on the participation of adults in lifelong learning as covered by Domain 2 of Regulation (EC) No 452/2008.

(4) In the production and dissemination of European statistics in the field of education and lifelong learning, the national and European statistical authorities should take account of the principles set out in the European Statistics Code of Practice endorsed by the Commission in its Recommendation of 25 May 2005 on the independence, integrity and accountability of the national and Community statistical authorities [2].

(5) The measures provided for in this Regulation are in accordance with the opinion of the European Statistical System Committee,

HAS ADOPTED THIS REGULATION:

Article 1

The data collection for the first survey on the participation and non-participation of adults in lifelong learning (Adult Education Survey) shall take place between 1 July 2011 and 30 June 2012. The reference period for which the data on participation in lifelong learning activities are collected shall be the 12 months prior to the data collection period.

Data shall be collected every five years.

Article 2

The population age range covered by the survey shall be 25-64. The age groups 18-24 and 65-69 shall be covered on an optional basis.

Article 3

The variables concerning the subjects covered by the survey as specified under Domain 2 of Regulation (EC) No 452/2008 and their breakdowns shall be as set out in Annex I to this Regulation.

Article 4

The data sources and sample size concerning Domain 2 are specified in the Annex to Regulation (EC) No 452/2008. Sampling and precision requirements needed to meet these requirements are detailed in Annex II to this Regulation.

Article 5

Member States shall transmit to the Commission (Eurostat) a quality report on the survey on the participation and non-participation of adults in lifelong learning according to the quality criteria referred to in Article 4(1)(d) of Regulation (EC) No 452/2008 and the further requirements specified in Annex III to this Regulation.

Article 6

With a view to achieving a high level of harmonisation of the survey results across countries, the Commission (Eurostat), in close cooperation with Member States, shall propose methodological and practical recommendations and guidelines for the implementation of the survey in the form of an 'Adult Education Survey Manual' including a standard questionnaire.

Article 7

Member States shall transmit to the Commission (Eurostat) clean micro-data files within 6 months after the end of the national data collection period.

Member States shall transmit the quality report to the Commission (Eurostat) within 3 months after the delivery of the micro-data files.

Article 8

The requirements as specified in this Regulation are minimum requirements. Member States can specify further requirements at national level given that the quality requirements following this Regulation are not compromised.

[1] OJ L 145, 4.6.2008, p. 227.
[2] COM(2005) 217 final.

Article 9

This Regulation shall enter into force on the 20th day following its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 17 September 2010.

For the Commission
The President
José Manuel BARROSO

ANNEX I

Variables

Note to the table:

All variables shall be transmitted unless the mention 'optional' appears under the variable name. Data and metadata referred in Article 7 shall be made available to Eurostat through electronic means, in using the single entry point or other appropriate information technology tools. The codes and code lists presented in the table below are indicative only. Transmission formats are provided by the Commission (Eurostat) in the Adult Education Survey Manual referred to in Article 6.

Variable name and status	Code	Description	Filter
COUNTRY		**COUNTRY OF RESIDENCE**	Everybody
	2 digits	Based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
REGION		**REGION OF RESIDENCE**	Everybody
	2 digits	Coding according to NUTS at 2 digit level	
DEG_URB		**DEGREE OF URBANISATION OF THE AREA THE HOUSEHOLD LIVES IN**	Everybody
	1	Densely populated area	
	2	Intermediate area	
	3	Thinly populated area	
REFYEAR		**REFERENCE YEAR OF THE SURVEY**	Everybody
	4 digits		
REFMONTH		**MONTH OF SURVEY**	Everybody
	1-12		
RESPID		**Identification of the respondent**	Everybody
	numeric	Identification code of each record	
RESPWEIGHT		**WEIGHTING FACTOR FOR INDIVIDUALS**	Everybody
	numeric	Weight factor for individuals (with 3 digits of decimals separated by a dot)	
NFEACTWEIGHT		**WEIGHTING FACTOR FOR NON-FORMAL ACTIVITIES**	NFENUM ≥ 1
	numeric	Weight factor for the non-formal activities selected in NFERAND1 and NFERAND2 (with 3 digits of decimals separated by a dot)	
Or	numeric *(optional)*	Weight factor for the non-formal activities selected in NFERAND1, NFERAND2 and NFERAND3 (with 3 digits of decimals separated by a dot)	
	0	NFENUM = 0	
INTMETHOD		**Data collection method used**	Everybody

Variable name and status	Code	Description	Filter
		Codes provided in the Adult Education Survey Manual referred to in Article 6	
INTLANG		**Language used for the interview**	Everybody
	2 digits	Codes based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
(HHNBPERS)		**NUMBER OF PERSONS LIVING IN THE SAME HOUSEHOLD (INCLUDING THE RESPONDENT)**	Everybody
HHNBPERS_0_4	0-98	0-4 years old	
HHNBPERS_5_13	0-98	5-13 years old	
HHNBPERS_14_15	0-98	14-15 years old	
HHNBPERS_16_24	0-98	16-24 years old	
HHNBPERS_25_64	1-98	25-64 years old	
HHNBPERS_65plus	0-98	65 years and older	
	– 1	No answer	
HHTYPE		**HOUSEHOLD TYPE**	Everybody
	10	One-person household	
	21	Lone parent with child(ren) aged less than 25	
	22	Couple without child(ren) aged less than 25	
	23	Couple with child(ren) aged less than 25	
	24	Couple or lone parent with child(ren) aged less than 25 and other persons living in household	
	30	Other	
	– 1	No answer	
HHLABOUR		**HOUSEHOLD COMPOSITION BY LABOUR STATUS**	Everybody
HHLABOUR_EMP	0-98	Number of persons aged 16-64 in the household who are at work	
HHLABOUR_NEMP	0-98	Number of persons aged 16-64 in the household who are unemployed or inactive	
	– 1	No answer	

Variable name and status	Code	Description	Filter
HHINCOME		**NET MONTHLY INCOME OF THE HOUSEHOLD**	Everybody
	1	Below 1st decile	
	2	Between 1st decile and 2nd decile	
	3	Between 2nd decile and 3rd decile	
	4	Between 3rd decile and 4th decile	
	5	Between 4th decile and 5th decile	
	6	Between 5th decile and 6th decile	
	7	Between 6th decile and 7th decile	
	8	Between 7th decile and 8th decile	
	9	Between 8th decile and 9th decile	
	10	Above 9th decile	
	0	Refusal (optional)	
	– 1	No answer	
SEX		**SEX**	Everybody
	1	Male	
	2	Female	
		YEAR AND MONTH OF BIRTH	
BIRTHYEAR	4 digits	The 4 digits of year of birth	Everybody
BIRTHMONTH	1-12	The 2 digits of month of birth	Everybody
CITIZEN		**CITIZENSHIP**	Everybody
	0	Same as country of residence	
	2 digits	Based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
	– 1	No answer	
BIRTHPLACE		**COUNTRY OF BIRTH**	Everybody
	0	Born in this country	
	2 digits	Based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
	– 1	No answer	

Variable name and status	Code	Description	Filter
RESTIME		**YEARS OF RESIDENCE IN THIS COUNTRY**	BIRTHPLACE ≠ 0
	1	Been in this country for 1 year and less	
	2-10	Number of years for person who has been in this country for 2 to 10 years	
	11	Been in this country for more than 10 years	
	– 1	No answer	
	– 2	Not applicable (BIRTHPLACE = 0)	
MARSTALEGAL		**LEGAL MARITAL STATUS**	Everybody
	1	Never married	
	2	Married (including registered partnership)	
	3	Widowed and not remarried	
	4	Legally separated and not remarried	
	5	Divorced	
	– 1	No answer	
MARSTADEFACTO		**DE FACTO MARITAL STATUS (consensual union)**	Everybody
	1	Person living in a consensual union	
	2	Person not living in a consensual union	
	– 1	No answer	
HATLEVEL		**HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	Everybody
	01	No formal education or below ISCED 1	
	11	ISCED 1	
	21	ISCED 2	
	22	ISCED 3c (shorter than two years)	
	31	ISCED 3c (two years and more)	
	32	ISCED 3 a, b	
	30	ISCED 3 (without possible distinction a, b or c)	
	40	ISCED 4	
	51	ISCED 5b	

Variable name and status	Code	Description	Filter
	52	ISCED 5a	
	60	ISCED 6	
	– 1	No answer	
HATFIELD		**FIELD OF THE HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	HATLEVEL = 22 to 60
	000	General programmes	
	100	Teacher training and education science	
	200	Humanities, languages and arts	
	222	Foreign languages	
	300	Social sciences, business and law	
	400	Science, mathematics and computing (no distinction possible)	
	420	Life science (including biology and environmental science)	
	440	Physical science (including physics, chemistry and earth science)	
	460	Mathematics and statistics	
	481	Computer science	
	482	Computer use	
	500	Engineering, manufacturing and construction	
	600	Agriculture and veterinary	
	700	Health and welfare	
	800	Services	
	999	Unknown	
	– 1	No answer	
	– 2	Not applicable (HATLEVEL ≠ 22 to 60)	
	or 010-863 (optional)	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
HATYEAR		**YEAR WHEN HIGHEST LEVEL OF EDUCATON OR TRAINING WAS SUCCESSFULLY COMPLETED**	HATLEVEL ≠ 01, – 1
	4 digits	The four digits of the year when highest level of education or training was successfully completed are entered	

Variable name and status	Code	Description	Filter
	– 1	No answer	
	– 2	Not applicable (HATLEVEL = 01, – 1)	
HATVOC *(optional)*		**ORIENTATION OF THE HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED**	HATLEVEL = 22 to 40 and (REFYEAR-HATYEAR) ≤ 20
	1	General education	
	2	Vocational education	
	– 1	No answer	
	– 2	Not applicable (HATLEVEL ≠ 22 to 40 or (REFYEAR- HATYEAR) > 20	
HATOTHER *(optional)*		**OTHER FORMAL EDUCATION OR TRAINING SUCCESSFULLY COMPLETED IN ANOTHER FIELD THAN 'HATLEVEL'**	HATLEVEL = 22 to 60 and (REFYEAR-HATYEAR) ≤ 20
	1	Yes	
	2	No	
	– 1	No answer	
	– 2	Not applicable (HATLEVEL ≠ 22 to 60 or (REFYEAR- HATYEAR) > 20	
HATOTHER_LEVEL *(optional)*		**Level of the formal education programme**	HATOTHER = 1
	22-60	Coded as HATLEVEL	
	– 1	No answer	
	– 2	Not applicable (HATOTHER ≠ 1)	
HATOTHER_VOC *(optional)*		**Orientation of the formal education programme**	HATOTHER = 1 and HATOTHER_ LEVEL = 22 to 40
	1-2	Coded as HATVOC	
	– 1	No answer	
	– 2	Not applicable (HATOTHER ≠ 1 or HATOTHER_LEVEL ≠ 22 to 40)	

Variable name and status	Code	Description	Filter
HATOTHER_FIELD *(optional)*		**Field of the formal education programme**	HATOTHER = 1 and HATOTHER_ LEVEL = 22 to 60
	000-800	Coded as HATFIELD	
	– 1	No answer	
	– 2	Not applicable (HATOTHER ≠ 1 or HATOTHER_LEVEL ≠ 22 to 60)	
HATCOMP *(optional)*		**PROCEDURE OF RECOGNITION OF SKILLS AND COMPETENCES UNDERTAKEN**	Everybody
	1	Yes, certification obtained	
	2	Yes, procedure ongoing	
	3	No	
	– 1	No answer	
HATCOMPHIGH *(optional)*		**RECOGNITION OF SKILLS AND COMPETENCES ALLOWS ACCESS TO A HIGHER FORMAL EDUCATION PROGRAMME THAN THE LEVEL MENTIONED IN 'HATLEVEL'**	HATCOMP = 1,2 and HATLEVEL ≠ 01, – 1
	1	Yes	
	2	No	
	– 1	No answer	
	– 2	Not applicable (HATCOMP ≠ 1,2 or HATLEVEL = 01, – 1)	
DROPHIGH		**FORMAL EDUCATION ABANDONED HIGHER THAN THE LEVEL MENTIONED IN 'HATLEVEL' BUT NOT COMPLETED**	HATLEVEL ≠ 01, – 1 and (REFYEAR-HATYEAR) ≤ 20
	1	Yes	
	2	No	
	– 1	No answer	
	– 2	Not applicable (HATLEVEL = 01, – 1 or (REFYEAR- HATYEAR) > 20)	
DROPLEVEL		**LEVEL OF THE FORMAL EDUCATION NOT COMPLETED**	DROPHIGH = 1
	21	ISCED 2	
	22	ISCED 3c (shorter than two years)	

Variable name and status	Code	Description	Filter
	31	ISCED 3c (two years and more)	
	32	ISCED 3 a, b	
	30	ISCED 3 (without possible distinction a, b or c)	
	40	ISCED 4	
	51	ISCED 5b	
	52	ISCED 5a	
	60	ISCED 6	
	– 1	No answer	
	– 2	Not applicable (DROPHIGH ≠ 1)	
DROPVOC *(optional)*		**ORIENTATION OF THE FORMAL EDUCATION NOT COMPLETED**	DROPLEVEL = 22 to 40 and (REFYEAR-HATYEAR) ≤ 20
	1	General education	
	2	Vocational education	
	– 1	No answer	
	– 2	Not applicable (DROPLEVEL ≠ 22 to 40 or (REFYEAR- HATYEAR) > 20	
MAINSTAT		**MAIN CURRENT LABOUR STATUS**	Everybody
		Carries out a job or profession, including unpaid work for a family business or holding, including an apprenticeship or paid traineeship, etc.:	
	11	— Full time	
	12	— Part time	
	20	Unemployed	
	31	Pupil, student, further training, unpaid work experience	
	32	In retirement or early retirement or has given up business	
	33	Permanently disabled	
	34	In compulsory military service	
	35	Fulfilling domestic tasks	
	36	Other inactive person	

Variable name and status	Code	Description	Filter
	– 1	No answer	
JOBSTAT		**PROFESSIONAL STATUS**	MAINSTAT = 11,12
	11	Self-employed with employees	
	12	Self-employed without employees	
	21	Employee with a permanent job or work contract of unlimited duration	
	22	Employee with temporary job/work contract of limited duration	
	30	Family worker	
	– 1	No answer	
	– 2	Not applicable (MAINSTAT ≠ 11,12)	
JOBISCO		**OCCUPATION**	MAINSTAT = 11,12
	2 digits	ISCO-08 coded at 2 digit level	
	– 1	No answer	
	– 2	Not applicable (MAINSTAT ≠ 11,12)	
LOCNACE		**ECONOMIC ACTIVITY OF THE LOCAL UNIT**	MAINSTAT = 11,12
	2 digits	NACE Rev.2 coded at 2 digit level	
	– 1	No answer	
	– 2	Not applicable (MAINSTAT ≠ 11,12)	
LOCSIZEFIRM		**NUMBER OF PERSONS WORKING AT THE LOCAL UNIT**	JOBSTAT = 11, 21,22, 30
	1	1 to 10 persons	
	2	11 to 19 persons	
	3	20 to 49 persons	
	4	50 to 249 persons	
	5	250 or more persons	
	7	Do not know but 10 or more persons	
	– 1	No answer	

Variable name and status	Code	Description	Filter
	– 2	Not applicable (JOBSTAT ≠ 11,21,22, 30)	
JOBTIME		**YEAR IN WHICH PERSON STARTED WORKING IN HIS/HER CURRENT MAIN JOB**	MAINSTAT = 11,12
	4 digits	4 digits of the year concerned	
	– 1	No answer	
	– 2	Not applicable (MAINSTAT ≠ 11, 12)	
		HIGHEST LEVEL OF EDUCATION OR TRAINING SUCCESSFULLY COMPLETED BY YOUR PARENTS (GUARDIAN)	Everybody
HATFATHER		**FATHER (MALE GUARDIAN)**	
	1	At most lower secondary	
	2	Upper secondary	
	3	Tertiary	
	– 1	No answer	
HATMOTHER		**MOTHER (FEMALE GUARDIAN)**	Everybody
	1	At most lower secondary	
	2	Upper secondary	
	3	Tertiary	
	– 1	No answer	
		OCCUPATION OF YOUR PARENTS (GUARDIAN)	Everybody
ISCOFATHER		**MAIN OCCUPATION OF FATHER**	
(optional)	0-9	ISCO-08 coded at 1 digit level	
	– 1	No answer	
	– 2	Not applicable (Father never had a job, no father)	
ISCOMOTHER		**MAIN OCCUPATION OF MOTHER**	Everybody
(optional)	0-9	ISCO-08 coded at 1 digit level	
	– 1	No answer	
	– 2	Not applicable (Mother never had a job, no mother)	

Variable name and status	Code	Description	Filter
SEEKINFO		**LOOKED FOR ANY INFORMATION CONCERNING LEARNING POSSIBILITIES IN THE LAST 12 MONTHS**	Everybody
	1	Yes	
	2	No	
	– 1	No answer	
SEEKFOUND		**INFORMATION FOUND**	SEEKINFO = 1
	1	Yes	
	2	No	
	– 1	No answer	
	– 2	Not applicable (SEEKINFO ≠ 1)	
SEEKSOURCE		**SOURCE TO ACCESS INFORMATION**	SEEKINFO = 1
	0	None of the sources below	
	1-7	Number of responses provided in the list of 7 sources below	
	– 1	No answer	
	– 2	Not applicable (SEEKINFO ≠ 1)	
		List of sources (multiple responses allowed)	
SEEKSOURCE_1		Internet	
SEEKSOURCE_2		Member of the family, neighbour, work colleague	
SEEKSOURCE_3		Your employer	
SEEKSOURCE_4		Guidance services (e.g. career guidance provider by employment service office)	
SEEKSOURCE_5		An education or training institution (school, college, centre, university)	
SEEKSOURCE_6		Mass media (TV, radio, newspapers, poster)	
SEEKSOURCE_7		Books	
		Each SEEKSOURCE_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (SEEKINFO ≠ 1)*	
FED		**PARTICIPATION IN FORMAL EDUCATION DURING THE LAST 12 MONTHS**	Everybody

Variable name and status	Code	Description	Filter
	1	Yes	
	2	No	
FEDNUM		**NUMBER OF FORMAL EDUCATION ACTIVITIES PARTICIPATED IN DURING THE LAST 12 MONTHS**	FED = 1
	0	None (FED = 2)	
	1-3	Number of activities	
FEDLEVEL		**LEVEL OF THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	11	ISCED 1	
	21	ISCED 2	
	22	ISCED 3c (shorter than two years)	
	31	ISCED 3c (two years and more)	
	32	ISCED 3 a, b	
	40	ISCED 4 (without distinction a, b or c)	
	51	ISCED 5b	
	52	ISCED 5a	
	60	ISCED 6	
	– 2	Not applicable (FEDNUM = 0)	
FEDFIELD		**FIELD OF THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1 and FEDLEVEL = 22 to 60
		Based on the ISCED 1997 — field of education:	
	010	Basic programmes	
	080	Literacy and numeracy	
	090	Personal development	
	140	Teacher training and education science	
	210	Arts	
	220	Humanities	
	222	Foreign languages	
	310	Social and behavioural science	

Variable name and status	Code	Description	Filter
	320	Journalism and information	
	340	Business and administration	
	380	Law	
	420	Life science	
	440	Physical science	
	460	Mathematics and statistics	
	481	Computer science	
	482	Computer use	
	520	Engineering and engineering trades	
	540	Manufacturing and processing	
	580	Architecture and building	
	620	Agriculture, forestry and fishery	
	640	Veterinary	
	720	Health	
	760	Social services	
	810	Personal services	
	840	Transport services	
	850	Environmental protection	
	860	Security services	
	999	Not known or unspecified	
	– 2	Not applicable (FEDNUM = 0 or FEDLEVEL ≠ 22 to 60	
	Or 010-863 (optional)	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
FEDVOC		**ORIENTATION OF THE MOST RECENT EDUCATION OR TRAINING**	FEDLEVEL = 22 to 40
	1	General education	
	2	Vocational education	
	– 1	No answer	

Variable name and status	Code	Description	Filter
	– 2	Not applicable (FEDLEV ≠ 22 to 40)	
FEDMETHOD		**MAIN METHOD OF LEARNING USED IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	1	Traditional teaching (e.g. classroom)	
	2	Distance learning using online or offline computer	
	3	Distance learning using traditional teaching material	
	– 2	Not applicable (FEDNUM = 0)	
	– 1	No answer	
FEDREASON		**REASONS FOR PARTICIPATING IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	0	None of the reasons below	
	1-9	Number of responses provided in the list of 9 reasons below	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
		List of reasons (multiple responses allowed)	
FEDREASON_01		To do my job better and/or improve carrier prospects	
FEDREASON_02		To be less likely to lose my job	
FEDREASON_03		To increase my possibilities of getting a job, or changing a job/profession	
FEDREASON_04		To start my own business	
FEDREASON_05		I was obliged to participate	
FEDREASON_06		To get knowledge/skills useful in my everyday life	
FEDREASON_07		To increase my knowledge/skills on a subject that interests me	
FEDREASON_08		Obtain certificate	
FEDREASON_09		To meet new people/for fun	
		Each FEDREASON_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable* (FEDNUM = 0)	
FEDWORKTIME		**MOST RECENT FORMAL EDUCATION ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE OR RECUPERATION)**	FEDNUM ≥ 1
	1	Only during paid working hours	

Variable name and status	Code	Description	Filter
	2	Mostly during paid working hours	
	3	Mostly outside paid working hours	
	4	Only outside paid working hours	
	5	Not working at that time	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
(FEDVOLUME)		**VOLUME OF INSTRUCTION OF THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
FEDNBHOURS	3 digits	Total number of instruction hours	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
FEDNBWEEKS *(optional)*	1-52	Number of weeks	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
FEDDURPERWEEK *(optional)*	1-98	Average number of instruction hours per week	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
FEDPAIDBY		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE MOST RECENT FORMAL EDUCATION ACTIVITY BY:**	FEDNUM ≥ 1
	0	None of the items below	
	1-5	Number of responses provided in the list of 5 items below	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
		List of items (multiple responses allowed)	
FEDPAIDBY_1		Employer or prospective employer	
FEDPAIDBY_2		Public employment services	
FEDPAIDBY_3		Other public institutions	

Variable name and status	Code	Description	Filter
FEDPAIDBY_4		A household member or a relative	
FEDPAIDBY_5		Yourself	
		Each FEDPAIDBY_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (FEDNUM = 0)*	
FEDPAIDFULL *(optional)*		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE MOST RECENT FORMAL EDUCATION ACTIVITY BY THOSE IDENTIFIED IN 'FEDPAIDBY'**	FEDPAIDBY ≥ = 1
	1	Yes	
	2	No (only part of the costs)	
	– 2	Not applicable (FEDPAIDBY = 0, – 1, – 2)	
	– 1	No answer (total costs not known)	
FEDPAIDVAL		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/ OR TECHNICAL STUDY MEANS REGARDING STUDIES IN THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDPAIDBY_4 = 1 or FEDPAIDBY_5 = 1
		In euros	
	– 1	No answer	
	– 2	Not applicable (FEDPAIDBY_4 ≠ 1 and FEDPAIDBY_5 ≠ 1)	
FEDUSE		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	1	A lot	
	2	A fair amount	
	3	Very little	
	4	Not at all	
	– 2	Not applicable (FEDNUM = 0)	
	– 1	No answer	
FEDSAT *(optional)*		**SATISFACTION WITH THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	1	Yes	
	2	No	
	– 2	Not applicable (FEDNUM = 0)	

Variable name and status	Code	Description	Filter
	– 1	No answer	
FEDUNSATREASON *(optional)*		**REASONS FOR NOT BEING SATISFIED WITH THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDSAT = 2
	0	None of the reasons below	
	1-5	Number of responses provided in the list of 5 reasons below	
	– 1	No answer	
	– 2	Not applicable (FEDSAT ≠ 2)	
		List of reasons (multiple responses allowed)	
FEDUNSATREASON_1		Relevance/usefulness	
FEDUNSATREASON _2		Level of training too low	
FEDUNSATREASON _3		Level of training too high	
FEDUNSATREASON _4		Quality of teaching	
FEDUNSATREASON _5		Organisation of training (location, materials, classrooms etc.)	
		Each FEDUNSATREASON_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (FEDSAT ≠ 2)*	
FEDOUTCOME		**OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE MOST RECENT FORMAL EDUCATION ACTIVITY**	FEDNUM ≥ 1
	0	None of the outcomes below	
	1-8	Number of responses provided in the list of 8 outcomes below	
	– 1	No answer	
	– 2	Not applicable (FEDNUM = 0)	
		List of outcomes (multiple responses allowed)	
FEDOUTCOME_1		Getting a (new) job	
FEDOUTCOME_2		Promotion in the job (FEDWORKTIME = 1,2,3,4)	
FEDOUTCOME_3		Higher salary/wages (FEDWORKTIME = 1,2,3,4)	
FEDOUTCOME_4		New tasks (FEDWORKTIME = 1,2,3,4)	

Variable name and status	Code	Description	Filter
FEDOUTCOME_5		Better performance in the job (FEDWORKTIME = 1,2,3,4)	
FEDOUTCOME_6		Personal related reasons (meet other people, refresh your skills in general subjects etc.)	
FEDOUTCOME_7		No outcomes yet	
FEDOUTCOME_8		No outcomes expected	
		Each FEDOUTCOME_x variable is coded: 1 if selected, 2 if not selected, -2 for not applicable (FEDNUM = 0)	
(NFE)		**PARTICIPATION IN ANY OF THE FOLLOWING ACTIVITIES WITH THE INTENTION TO IMPROVE KNOWLEDGE OR SKILLS IN ANY AREA (INCLUDING HOBBIES) DURING THE LAST 12 MONTHS**	Everybody
NFECOURSE		a. **COURSES**	Everybody
	1	Yes	
	2	No	
NFEWORKSHOP		b. **WORKSHOPS AND SEMINARS**	Everybody
	1	Yes	
	2	No	
NFEGUIDEDJT		c. **GUIDED ON THE JOB TRAINING**	Everybody
	1	Yes	
	2	No	
NFELESSON		d. **PRIVATE LESSONS**	Everybody
	1	Yes	
	2	No	
NFENUM		**NUMBER OF NON-FORMAL EDUCATION AND TRAINING ACTIVITIES DURING THE LAST 12 MONTHS**	NFECOURSE = 1 or NFEWORKSHOP = 1 or NFEGUIDEDJT = 1 or NFELESSON = 1
	0	None (NFECOURSE = NFEWORKSHOP = NFEGUIDEDJT = NFELESSON = 2)	
	1-98	Number of activities	

Variable name and status	Code	Description	Filter
		IDENTIFICATION OF ACTIVITIES (UP TO 10)	
(NFEACT01)		01 — Identification of the 1st activity	
NFEACT01_TYPE		**Type of activity**	NFENUM ≥ 1
	1	Courses	
	2	Workshops and seminars	
	3	Guided on the job training	
	4	Private lessons	
	– 1	No answer	
	– 2	Not applicable (NFENUM = 0)	
(NFEACT02)		02 — Identification of the 2nd activity	NFENUM ≥ 2
NFEACT02_TYPE		Coded as NFEACT01_TYPE	
(NFEACT03)		03 — Identification of the 3rd activity	NFENUM ≥ 3
NFEACT03_TYPE		Coded as NFEACT01_TYPE	
(NFEACT04)		04 — Identification of the 4th activity	NFENUM ≥ 4
NFEACT04_TYPE		Coded as NFEACT01_TYPE	
(NFEACT05)		05 — Identification of the 5th activity	NFENUM ≥ 5
NFEACT05_TYPE		Coded as NFEACT01_TYPE	
(NFEACT06)		06 — Identification of the 6th activity	NFENUM ≥ 6
NFEACT06_TYPE		Coded as NFEACT01_TYPE	
(NFEACT07)		07 — Identification of the 7th activity	NFENUM ≥ 7
NFEACT07_TYPE		Coded as NFEACT01_TYPE	
(NFEACT08)		08 — Identification of the 8th activity	NFENUM ≥ 8
NFEACT08_TYPE		Coded as NFEACT01_TYPE	
(NFEACT09)		09 — Identification of the 9th activity	NFENUM ≥ 9
NFEACT09_TYPE		Coded as NFEACT01_TYPE	
(NFEACT10)		10 — Identification of the 10th activity	NFENUM ≥ 10

Variable name and status	Code	Description	Filter
NFEACT10_TYPE		Coded as NFEACT01_TYPE	
NFEPURP10		**AT LEAST ONE JOB RELATED ACTIVITY AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
	1	Yes	
	2	No	
	– 2	Not applicable (NFENUM = 0)	
NFEWORKTIME10		**AT LEAST ONE ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION) AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
	1	Yes	
	2	No (including not working at that time)	
	– 2	Not applicable (NFENUM = 0)	
NFEPAIDBY10		**AT LEAST ONE ACTIVITY PARTIALLY OR FULLY PAID BY THE EMPLOYER AMONG ACTIVITIES 1 TO 10**	NFENUM ≥ 1
	1	Yes	
	2	No (including not working at that time)	
	– 2	Not applicable (NFENUM = 0)	
NFERAND1		**CODE OF THE 1ST RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 1
	1-10	Identification code of the 1st randomly selected activity (code of the activity as in the variables NFEACTxx)	
	– 2	Not applicable (NFENUM = 0)	
NFERAND1_TYPE		As reported in NFEACT01_TYPE to NFEACT10_TYPE for the 1st randomly selected activity	
NFEPURP1		**PURPOSE OF THE ACTIVITY**	NFERAND1 ≠ – 2
	1	Mainly job-related	
	2	Mainly personal/non-job-related reasons	
	– 1	No answer	
	– 2	Not applicable (NFERAND1= – 2)	
NFEFIELD1		**FIELD OF THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
		Coded as FEDFIELD	

Variable name and status	Code	Description	Filter
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
	Or 010-863 (optional)	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
NFEMETHOD1		**MAIN METHOD OF LEARNING USED FOR THE 1ST ACTIVITY**	NFERAND1 ≠ – 2 and NFERAND1_TYPE ≠ 2,3
	1	Traditional teaching (e.g. classroom)	
	2	Distance learning using online or offline computer	
	3	Distance learning using traditional teaching material	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2 or NFERAND1_TYPE = 2,3)	
NFEREASON1		**REASONS FOR PARTICIPATING IN THE 1ST ACTIVITY** (the codes applying to NFERAND1_TYPE = 3 are defined in the Adult Education Survey Manual)	NFERAND1 ≠ – 2
	0	None of the reasons below	
	1-9	Number of responses provided in the list of 9 reasons below	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
		List of reasons (multiple responses allowed)	
NFEREASON1_01		To do my job better and/or improve carrier prospects	
NFEREASON1_02		To be less likely to lose my job	
NFEREASON1_03		To increase my possibilities of getting a job, or changing a job/profession	
NFEREASON1_04		To start my own business	
NFEREASON1_05		I was obliged to participate	
NFEREASON1_06		To get knowledge/skills useful in my everyday life	
NFEREASON1_07		To increase my knowledge/skills on a subject that interests me	
NFEREASON1_08		Obtain certificate	

Variable name and status	Code	Description	Filter
NFEREASON1_09		To meet new people/for fun	
		Each NFEREASON1_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (NFERAND1 = – 2)*	
NFEWORKTIME1		**1ST ACTIVITY DURING PAID WORKING HOURS (INCLUDING PAID LEAVE AND RECUPERATION)**	NFERAND1 ≠ – 2 and NFERAND1_TYPE ≠ 3
	1	Only during paid working hours	
	2	Mostly during paid working hours	
	3	Mostly outside paid working hours	
	4	Only outside paid working hours	
	5	Not working at that time	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2 or NFERAND1_TYPE = 3)	
(NFEVOLUME1)		**VOLUME OF INSTRUCTION OF 1ST ACTIVITY**	NFERAND1 ≠ – 2
NFENBHOURS	3 digits	Total number of instruction hours	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
NFENBWEEKS1 *(optional)*	1-52	Number of weeks	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
NFEDURPERWEEK1 *(optional)*	1-98	Average number of instruction hours per week	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
NFEPROVIDER1		**PROVIDER OF THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
	1	Formal education institution	
	2	Non-formal education and training institutions	
	3	Commercial institution where ET is not the main activity (e.g. equipment suppliers)	

Variable name and status	Code	Description	Filter
	4	Employer	
	5	Employers' organisations, chambers of commerce	
	6	Trade unions	
	7	Non-profit associations, e.g. cultural society, political party	
	8	Individuals (e.g. students giving private lessons)	
	9	Non-commercial institution where ET is not the main activity (e.g. libraries, museums, ministries)	
	10	Other	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
NFECERT1		**CERTIFICATE OBTAINED AFTER THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
	1	Yes, required by the employer or a professional body or by law	
	2	Yes, not required by the employer or a professional body or by law	
	3	No (acknowledgement of attendance)	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
NFEPAIDBY1		**PARTIAL OR FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS FOR THE 1ST ACTIVITY**	NFERAND1 ≠ – 2 and NFERAND1_TYPE ≠ 3
	0	None of the items below	
	1-5	Number of responses provided in the list of 5 items below	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2 or NFERAND1_TYPE = 3)	
		List of items (multiple responses allowed)	
NFEPAIDBY1_1		Employer or prospective employer	
NFEPAIDBY1_2		Public employment services	
NFEPAIDBY1_3		Other public institutions	
NFEPAIDBY1_4		A household member or a relative	

Variable name and status	Code	Description	Filter
NFEPAIDBY1_5		Yourself	
		Each NFEPAIDBY1_x variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (NFERAND1 = – 2 or NFERAND1_TYPE = 3)*	
NFEPAIDFULL1 *(optional)*		**FULL PAYMENT FOR THE TUITION, REGISTRATION, EXAM FEES, EXPENSES FOR BOOKS OR TECHNICAL STUDY MEANS BY THOSE IDENTIFIED IN 'NFEPAIDBY' FOR THE 1ST ACTIVITY**	NFEPAIDBY1 ≥ 1
	1	Yes	
	2	No (only part of the costs)	
	– 1	No answer (total costs not known)	
	– 2	Not applicable (NFEPAIDBY1 = 0, – 1, – 2)	
NFEPAIDVAL1		**COSTS PAID PERSONALLY OR BY ANY HOUSEHOLD MEMBER OR RELATIVE FOR TUITION, REGISTRATION, EXAM FEES, BOOKS AND/ OR TECHNICAL STUDY MEANS REGARDING THE 1ST ACTIVITY**	NFEPAIDBY1_4 = 1 or NFEPAIDBY1_5 = 1
		In euros	
	– 1	No answer	
	– 2	Not applicable (NFEPAIDBY1_4 ≠ 1 and NFEPAIDBY1_5 ≠ 1)	
NFEUSE1		**USE OF THE SKILLS OR KNOWLEDGE ACQUIRED FROM THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
	1	A lot	
	2	A fair amount	
	3	Very little	
	4	Not at all	
	– 2	Not applicable (NFERAND1 = – 2)	
	– 1	No answer	
NFESAT1 *(optional)*		**SATISFACTION WITH THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
	1	Yes	
	2	No	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	

Variable name and status	Code	Description	Filter
NFEUNSATREASON1 *(optional)*		**REASONS FOR NOT BEING SATISFIED WITH THE 1ST ACTIVITY**	NFESAT1 = 2
	0	None of the reasons below	
	1-5	Number of responses provided in the list of 5 reasons below	
	– 1	No answer	
	– 2	Not applicable (NFESAT1 ≠ 2)	
		List of reasons (multiple responses allowed)	
NFEUNSATREASON1_1	1	Relevance/usefulness	
NFEUNSATREASON1_2	2	Level of training too low	
NFEUNSATREASON1_3	3	Level of training too high	
NFEUNSATREASON1_4	4	Quality of teaching	
NFEUNSATREASON1_5	5	Organisation of training (location, materials, classrooms etc.)	
		Each NFEUNSATREASON1_x variable is coded: 1 if selected, 2 if not selected, -2 for not applicable (NFESAT ≠ 2)	
NFEOUTCOME1		**OUTCOMES OF THE NEW SKILLS/KNOWLEDGE ACQUIRED THROUGH THE 1ST ACTIVITY**	NFERAND1 ≠ – 2
	0	None of the outcomes below	
	1-8	Number of responses provided in the list of 8 outcomes below	
	– 1	No answer	
	– 2	Not applicable (NFERAND1 = – 2)	
		List of outcomes (multiple responses allowed)	
NFEOUTCOME1_1		Getting a (new) job	
NFEOUTCOME1_2		Promotion in the job (NFEWORKTIME1 = 1,2,3,4)	
NFEOUTCOME1_3		Higher salary/wages (NFEWORKTIME1 = 1,2,3,4)	
NFEOUTCOME1_4		New tasks (NFEWORKTIME1 = 1,2,3,4)	

Variable name and status	Code	Description	Filter
NFEOUTCOME1_5		Better performance in the job (NFEWORKTIME1 = 1,2,3,4)	
NFEOUTCOME1_6		Personal related reasons (meet other people, refresh your skills in general subjects etc.)	
NFEOUTCOME1_7		No outcomes yet	
NFEOUTCOME1_8		No outcomes expected	
		Each NFEOUTCOME1_x variable is coded: 1 if selected, 2 if not selected, -2 for not applicable (NFERAND1 = – 2)	
NFERAND2		**CODE OF THE 2ND RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 2
	1-10	Identification code of the 2nd randomly selected activity (code of the activity as in the variables NFEACTxx)	
	– 2	Not applicable (NFENUM = 0, 1)	
NFERAND2_TYPE		As reported in NFEACT01_TYPE to NFEACT10_TYPE for the 2nd randomly selected activity	
NFEPURP2		Same coding as NFEPURP1	NFERAND2 ≠ – 2
NFEFIELD2		Same coding as NFEFIELD1	NFERAND2 ≠ – 2
NFEMETHOD2		Same coding as NFEMETHOD1	NFERAND2 ≠ – 2 and NFERAND2_TYPE ≠ 2,3
NFEREASON2		Same coding as NFEREASON1 and subcomponents	NFERAND2 ≠ – 2
NFEWORKTIME2		Same coding as NFEWORKTIME1	NFERAND2 ≠ – 2 and NFERAND2_TYPE ≠ 3
NFENBWEEKS2		Same coding as NFENBWEEKS1	NFERAND2 ≠ – 2
NFEDURPERWEEK2		Same coding as NFEDURPERWEEK1	NFERAND2 ≠ – 2
NFEPROVIDER2		Same coding as NFEPROVIDER1	NFERAND2 ≠ – 2
NFECERT2		Same coding as NFECERT1	NFERAND2 ≠ – 2
NFEPAIDBY2		Same coding as NFEPAIDBY1 and subcomponents	NFERAND2 ≠ – 2 and NFERAND2_TYPE ≠ 3

Variable name and status	Code	Description	Filter
NFEPAIDFULL2 *(optional)*		Same coding as NFEPAIDFULL1	NFEPAIDBY2 ≥ = 1
NFEPAIDVAL2		Same coding as NFEPAIDVAL1	NFEPAIDBY2_4 = 1 or NFEPAIDBY2_5 = 1
NFEUSE2		Same coding as NFEUSE1	NFERAND2 ≠ – 2
NFESAT2 *(optional)*		Same coding as NFESAT1	NFERAND2 ≠ – 2
NFEUNSATREASON2 *(optional)*		Same coding as NFEUNSATREASON1 and subcomponents	NFESAT2 = 2
NFEOUTCOME2		Same coding as NFEOUTCOME1 and subcomponents	NFERAND2 ≠ – 2
NFERAND3 (optional)		**CODE OF THE 3RD RANDOMLY SELECTED ACTIVITY**	NFENUM ≥ 3
	1-10	Identification code of the 3rd randomly selected activity (code of the activity as in the variables NFEACTxx)	
	– 2	Not applicable (NFENUM = 0, 1, 2)	
NFERAND3_TYPE (optional)		Same coding as NFERAND1_TYPE	NFERAND3 ≠ – 2
NFEPURP3 (optional)		Same coding as NFEPURP1	NFERAND3 ≠ – 2
NFEFIELD3 (optional)		Same coding as NFEFIELD1	NFERAND3 ≠ – 2
NFEMETHOD3 (optional)		Same coding as NFEMETHOD1	NFERAND3 ≠ – 2 and NFERAND3_TYPE ≠ 2,3
NFEREASON3 (optional)		Same coding as NFEREASON1 and subcomponents	NFERAND3 ≠ – 2
NFEWORKTIME3 (optional)		Same coding as NFEWORKTIME1	NFERAND3 ≠ – 2 and NFERAND3_TYPE ≠ 3
NFENBWEEKS3 (optional)		Same coding as NFENBWEEKS1	NFERAND3 ≠ – 2
NFEDURPERWEEK3 (optional)		Same coding as NFEDURPERWEEK1	NFERAND3 ≠ – 2
NFEPROVIDER3 (optional)		Same coding as NFEPROVIDER1	NFERAND3 ≠ – 2

Variable name and status	Code	Description	Filter
NFECERT3 (optional)		Same coding as NFECERT1	NFERAND3 ≠ – 2
NFEPAIDBY3 (optional)		Same coding as NFEPAIDBY1 and subcomponents	NFERAND3 ≠ – 2 and NFERAND3_TYPE ≠ 3
NFEPAIDFULL3 (optional)		Same coding as NFEPAIDFULL1	NFEPAIDBY3 ≥ = 1
NFEPAIDVAL3 (optional)		Same coding as NFEPAIDVAL1	NFEPAIDBY3_4 = 1 or NFEPAIDBY3_5 = 1
NFEUSE3 (optional)		Same coding as NFEUSE1	NFERAND3 ≠ – 2
NFESAT3 (optional)		Same coding as NFESAT1	NFERAND3 ≠ – 2
NFEUNSATREASON3 (optional)		Same coding as NFEUNSATREASON1 and subcomponents	NFESAT3 = 2
NFEOUTCOME3 (optional)		Same coding as NFEOUTCOME1 and subcomponents	NFERAND3 ≠ – 2
DIFFICULTY		**DIFFICULTIES RELATED TO PARTICIPATION (OR MORE PARTICIPATION) IN EDUCATION AND TRAINING DURING THE LAST 12 MONTHS**	Everybody
	1	You participated in formal or non-formal education and training and did not want to participate more	
	2	You participated in formal or non-formal education and training but wanted to participate more	
	3	You did not participate in formal or non-formal education and training and did not want to participate	
	4	You did not participate in formal or non-formal education and training but wanted to participate	
	– 1	No answer	
DIFFTYPE		**TYPE OF DIFFICULTIES**	DIFFICULTY = 1 to 4
	0	None of the difficulties below	
	1-11	Number of responses provided in the list of 11 difficulties below	
	– 1	No answer	
	– 2	Not applicable (DIFFICULTY ≠ 1 to 4)	

Variable name and status	Code	Description	Filter
		List of difficulties (multiple responses allowed)	
DIFFTYPE_01		Difficulty 01 — Prerequisites	
DIFFTYPE_02		Difficulty 02 — Cost	
DIFFTYPE_03		Difficulty 03 — Lack of employer's support or lack of public services support	
DIFFTYPE_04		Difficulty 04 — Schedule	
DIFFTYPE_05		Difficulty 05 — Distance	
DIFFTYPE_06		Difficulty 06 — No access to a computer or Internet (for distance learning)	
DIFFTYPE_07		Difficulty 07 — Family responsibilities	
DIFFTYPE_08		Difficulty 08 — Health or age	
DIFFTYPE_09		Difficulty 09 — Other personal reasons	
DIFFTYPE_10		Difficulty 10 — No suitable education or training activity	
DIFFTYPE_11		Difficulty 11 — No need for (further) education and training (for DIFFICULTY = 1 or 3 only)	
		Each DIFFTYPE_xx variable is coded: *1 if selected, 2 if not selected, -2 for not applicable (DIFFICULTY ≠ 1 to 4)*	
DIFFMAIN		**MOST IMPORTANT DIFFICULTY**	DIFFTYPE = 1-11
	01-11	Code of the difficulty from 01 to 11 (code of the difficulty as in the variables DIFFTYPE)	
	– 2	No applicable (DIFFTYPE ≠ 1-11)	
	– 1	No answer	
INF		**PARTICIPATION IN OTHER ACTIVITIES IN THE LAST 12 MONTHS (DELIBERATE SELF-TEACHING TO IMPROVE KNOWLEDGE OR SKILLS)**	Everybody
	1	Yes, one activity	
	2	Yes, at least two activities	
	3	No	
(INFACT1)		**IDENTIFICATION OF THE 1ST MOST RECENT ACTIVITY**	
INFFIELD1		**Field of this activity**	INF = 1, 2
		Coded as FEDFIELD	

Variable name and status	Code	Description	Filter
	– 2	Not applicable (INF ≠ 1, 2)	
	Or 010-863 (optional)	Fields coded on 3 digits on an optional basis, details provided in the Adult Education Survey Manual referred to in Article 6	
INFPURP1		**Purpose of this activity**	INF = 1, 2
	1	Mainly job-related	
	2	Mainly personal/non-job-related reasons	
	– 2	Not applicable (INF ≠ 1, 2)	
INFMETHOD1		**Informal learning method used for this activity**	INF = 1, 2
	1	By learning from a family member, friend or colleague	
	2	Using printed material (books, professional magazines, etc.)	
	3	Using computers (online or offline)	
	4	Through television/radio/video	
	– 2	Not applicable (INF ≠ 1, 2)	
(INFACT2)		**IDENTIFICATION OF THE 2ND MOST RECENT ACTIVITY**	INF = 2
INFFIELD2 INFPURP2 INFMETHOD2		Coded as INFACT1 and subcomponents INFFIELD1, INFPURP1 and INFMETHOD1	
		Not applicable (INF ≠ 2)	
ICTCOMPUTER		**COMPUTER RELATED ACTIVITIES ALREADY CARRIED OUT**	Everybody
	0	Never used a computer or none of the activities listed below	
	1-6	Number of responses provided in the list activities 1 to 6 below	
	– 1	No answer	
		List of examples of activities allowing for an assessment of skills (from low to high, multiple responses allowed)	
ICTCOMPUTER_1		Activity 1	
ICTCOMPUTER_2		Activity 2	
ICTCOMPUTER_3		Activity 3	
ICTCOMPUTER_4		Activity 4	
ICTCOMPUTER_5		Activity 5	

Variable name and status	Code	Description	Filter
ICTCOMPUTER_6		Activity 6	
		Each ICTCOMPUTER_x variable is coded: *1 if selected, 2 if not selected*	
ICTINTERNET (optional)		**INTERNET RELATED ACTIVITIES HAVE ALREADY CARRIED OUT**	ICTCOMPUTER = 1-6, – 1
	0	Never used Internet or none of the activities listed below	
	1-6	Number of responses provided in the list activities 1 to 6 below	
	– 1	No answer	
		List of examples of activities allowing for an assessment of skills (from low to high, multiple responses allowed)	
ICTINTERNET_1		Activity 1	
ICTINTERNET_2		Activity 2	
ICTINTERNET_3		Activity 3	
ICTINTERNET_4		Activity 4	
ICTINTERNET_5		Activity 5	
ICTINTERNET_6		Activity 6	
		Each ICTINTERNET_x variable is coded: *1 if selected, 2 if not selected*	
LANGMOTHER		**MOTHER TONGUE(S)**	Everybody
		Codes based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
	2 digits	1st language	
	2 digits	2nd language (00 if none)	
LANGUSED		**OTHER LANGUAGES EXCEPT MOTHER TONGUE(S)**	Everybody
	0-98	Number of other languages	
	– 1	No answer	
LANGUSED_1	2 digits	1 — Code of the first language or 00 (none)	
LANGUSED_2	2 digits	2 — Code of the second language or 00 (none)	
LANGUSED_3	2 digits	3 — Code of the third language or 00 (none)	
LANGUSED_4	2 digits	4 — Code of the fourth language or 00 (none)	

Variable name and status	Code	Description	Filter
LANGUSED_5	2 digits	5 — Code of the fifth language or 00 (none)	
LANGUSED_6	2 digits	6 — Code of the sixth language or 00 (none)	
LANGUSED_7	2 digits	7 — Code of the seventh language or 00 (none)	
		Each LANGUSED_x variable is coded on the basis of the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
LANGBEST1		**FIRST BEST KNOWN LANGUAGE (EXCLUDING MOTHER TONGUE)**	LANGUSED ≠ 0, – 1
		Based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
	2 digits	1st language (2 digits code)	
	– 1	No answer	
	– 2	Not applicable (LANGUSED = 0, – 1)	
LANGLEVEL1		**FIRST BEST LANGUAGE KNOWLEDGE (EXCLUDING MOTHER TONGUE)**	LANGBEST1 ≠ – 1, – 2
	1	I can understand and use the most common everyday expressions. I use the language in relation to familiar things and situations.	
	2	I can understand the essential of clear language and produce simple text. I can describe experiences and events and communicate fairly fluently.	
	3	I can understand a wide range of demanding texts and use the language flexibly. I master the language almost completely.	
	– 1	No answer	
	– 2	Not applicable (LANGBEST1 = – 1, – 2)	
LANGBEST2		**SECOND BEST KNOWN LANGUAGE (EXCLUDING MOTHER TONGUE)**	LANGUSED ≠ 0, 1, – 1
		Based on the ISO country classification, details provided in the Adult Education Survey Manual referred to in Article 6	
	2 digits	2nd language (2 digits code)	
	– 1	No answer	
	– 2	Not applicable (LANGUSED = 0, 1, – 1)	
LANGLEVEL2		**SECOND BEST LANGUAGE KNOWLEDGE (EXCLUDING MOTHER TONGUE)**	LANGBEST2 ≠ – 1, – 2
		Coded as LANGLEVEL1	

Variable name and status	Code	Description	Filter
CULTPAR1 *(optional)*		**NUMBER OF TIMES GOING TO LIVE PERFORMANCES IN THE LAST 12 MONTHS**	Everybody
	1	1 to 6 times in the last 12 months	
	2	More than 6 times in the last 12 months	
	3	Never	
	– 1	No answer	
CULTPAR2 *(optional)*		**NUMBER OF TIMES GOING TO THE CINEMA IN THE LAST 12 MONTHS**	Everybody
	1	1 to 6 times in the last 12 months	
	2	More than 6 times in the last 12 months	
	3	Never	
	– 1	No answer	
CULTPAR3 *(optional)*		**NUMBER OF VISITS TO CULTURAL SITES IN THE LAST 12 MONTHS**	Everybody
	1	1 to 6 times in the last 12 months	
	2	More than 6 times in the last 12 months	
	3	Never	
	– 1	No answer	
CULTPAR4 *(optional)*		**NUMBER OF TIMES ATTENDING LIVE SPORT EVENTS IN THE LAST 12 MONTHS**	Everybody
	1	1 to 6 times in the last 12 months	
	2	More than 6 times in the last 12 months	
	3	Never	
	– 1	No answer	
CULTNEWS *(optional)*		**READING NEWSPAPERS (PAPER OR INTERNET) IN THE LAST 12 MONTHS**	Everybody
	1	Every day or almost every day	
	2	At least once a week (but not every day)	
	3	At least once a month (but not every week)	
	4	Less than once a month	
	5	Never	

Variable name and status	Code	Description	Filter
	– 1	No answer	
CULTBOOK *(optional)*		**READ A BOOK IN THE LAST 12 MONTHS**	Everybody
	1	Yes	
	2	No	
	– 1	No answer	
CULTBOOKNUM *(optional)*		**APPROXIMATE NUMBER OF BOOKS READ IN THE LAST 12 MONTHS**	CULTBOOK = 1
	1	Less than 5	
	2	5 to 9	
	3	More than 10	
	– 1	No answer	
	– 2	Not applicable (CULTBOOK ≠ 1)	
SOCIALPAR *(optional)*		**PARTICIPATION IN ANY OF THE FOLLOWING ACTIVITIES IN THE LAST 12 MONTHS**	Everybody
	0	None of the activities below	
	1-6	Number of responses provided in the list of 6 activities below	
	– 1	No answer	
		List of activities (multiple responses allowed)	
SOCIALPAR _1		Activities of political parties or trade unions	
SOCIALPAR _2		Activities of professional associations	
SOCIALPAR _3		Activities of recreational groups or organisations	
SOCIALPAR _4		Activities of charitable organisations	
SOCIALPAR _5		Informal voluntary activities	
SOCIALPAR _6		Activities of religious organisations	
		Each SOCIALPAR_x variable is coded: *1 if selected, 2 if not selected*	

ANNEX II

Sample and precision requirements

1. According to the Annex to Regulation (EC) No 452/2008, the Adult Education Survey 'sample size shall be established on the basis of precision requirements that shall not require effective national sample sizes to be larger than 5 000 individuals, calculated on the assumption of simple random sampling. Within these limits, specific subpopulations shall require particular sampling considerations'.

2. The net sample (excluding unit non-response) should provide estimates within a 95 % confidence interval for a set of indicators listed in paragraph 3. The half-length of the confidence interval for each indicator shall not exceed the threshold provided in paragraph 3 unless an effective sample size larger than 5 000 individuals is required at national level.

3. The indicators of interest and the maximum half-length of the 95 % confidence interval are:

Indicator	Maximum half-length of the 95 % confidence interval
Participation rate (%) in non-formal education and training	1,4 %
Participation rate (%) in non-formal education and training (males)	2,0 %
Participation rate (%) in non-formal education and training (females)	2,0 %
Participation rate (%) in non-formal education and training (persons aged 25-34)	3,0 %
Participation rate (%) in non-formal education and training (persons aged 35-54)	2,0 %
Participation rate (%) in non-formal education and training (persons aged 55-64)	3,2 %
Participation rate (%) in non-formal education and training by highly educated persons (ISCED level 5-6)	4,0 %
Participation rate (%) in non-formal education and training by unemployed persons	11,5 %
Share of job-related activities among non-formal training activities	4,0 %

For countries with a population aged 25-64 of one million to three and a half millions, the thresholds provided in the column 'maximum half-length of the 95 % confidence interval' shall be increased by 20 %.

For countries with a population aged 25-64 of less than one million, the thresholds provided in the column 'maximum half-length of the 95 % confidence interval' shall be increased by 40 %.

4. These requirements refer to a sample of resident units aged 25-64. National samples with a wider scope should allow for the provision of estimates for the resident population aged 25-64 complying with the precision requirements set out in paragraphs 2 and 3.

ANNEX III

Quality requirements and quality reporting

The data quality requirements for the Adult Education Survey refer to the dimensions of relevance, accuracy, timeliness and punctuality, accessibility and clarity, comparability, and coherence in accordance with Article 4(d) of Regulation (EC) No 452/2008.

Member States shall submit quality reports as defined in Article 7 of this Regulation. The reports are to be written according to a standard quality reporting format provided by the Commission (Eurostat). A copy of the national questionnaire shall accompany the quality report.

1. RELEVANCE

— Implementation of the survey and the degree to which statistics meet current and potential users' needs.

— Description and classification of users.

— Individual needs of each user group.

— Evaluation if and to what degree these needs have been satisfied.

2. ACCURACY

2.1. **Sampling errors**

— Description of the sample design and the realised sample.

— Description of the calculation of the final weights including non-response model and auxiliary variables used.

— Coefficients of variation of the estimates according to the sample strata as regards the indicators of interest listed in Annex II, paragraph 3.

— Variance estimation software.

— In particularly, a description of the auxiliary variables or information used should be reported.

— In case of non-response analysis, a description of the biases in the sample and results.

2.2. **Non-sampling errors**

2.2.1. *Coverage errors*

— Description of the register used for sampling and its overall quality.

— Information included in the register and its updating frequency.

— Errors due to the discrepancies between the sampling frame and the target population and sub-populations (over-coverage, under-coverage, misclassifications).

— Methods used to obtain this information.

— Notes on the processing of misclassifications.

2.2.2. *Measurement errors*

Assessment of errors that occurred at the stage of data collection due for example to:

— The questionnaire design (results of pre-tests or laboratory methods; questioning strategies).

— Reporting unit/respondent (reactions of respondents).

— Information system of the respondent and the use of administrative records (correspondence between the administrative and survey concept, e.g. reference period, availability of individual data).

— Modes of data collection.

2.2.3. *Processing errors*

Description of the data editing process:

— Processing system and tools used.

— Errors due to coding, editing, weighting, and tabulation etc.

— Quality checks at macro/micro level.

— Corrections and failed edits breakdown into missing values, errors and anomalies.

2.2.4. *Non-response errors*

— A description of the measures undertaken regarding 're-contacts'.

— Unit and item response rates.

— Assessment of unit non-response and item non-response.

— Full report on imputation procedures including methods used for imputation and/or re-weighting.

— Methodological notes and results of non-response analysis or other methods to assess the effects of non-response.

3. TIMELINESS AND PUNCTUALITY

— Table of dates when each of the following phases of the project started and ended such as data collection, reminders and follow-up, data checking and editing, further validation and imputation, non-response survey (as appropriate), estimations as well as data transmission to Eurostat and dissemination of national results.

4. ACCESSIBILITY AND CLARITY

— Conditions of access to data.

— Dissemination scheme of results.

— Copy of any methodological documents relating to the statistics provided.

5. COMPARABILITY

— As appropriate and relevant countries should comment upon:

  — Deviations from the European questionnaire and definitions.

  — Whether the survey was linked to another national survey.

  — To what extent the survey was realised through existing data in registers.

  — A description of how the requirements of this Regulation have been fulfilled so the data comparability can be assessed.

6. COHERENCE

— Comparison of statistics for the same phenomenon or item from other surveys or sources.

— Description of how the requirements of this Regulation have been fulfilled so the geographical comparability of the data can be assessed.

7. COST AND BURDEN

— Analysis of the burden and benefit at national level through, for example, a consideration of:

  — Average time for answering the questionnaire.

— Problematic questions, modules from the survey

— Problems with classification of learning activities and definition of learning activities, issues with classifications

— Which variables have been most/least useful in collecting data on adult participation in learning.

— Estimated or actual satisfaction level of data users at national level.

— Respondent burden.

— Efforts made to reduce burden