

Washington City Group on Disability Statistics

RESEARCH PROJECT:

**“GENERAL MEASURE FOR PEOPLE WITH DISABILITIES IN THE EUROPEAN
STATISTICAL SYSTEM (E.S.S.)”**

**Comparative analysis of general measure(s)
on disability used in Europe**

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INTRODUCTION

Background

In the framework of its activities on Health Statistics, EUROSTAT is assuring the coordination of the efforts of the European Statistical System (E.S.S.) regarding to Washington City Group on Disability Statistics (WCG). ISTAT-Italy had offered to play an active role in the coordination process. The ‘PG/TNO Prevention and Health Center’ has supported this work until 31 August 2002 through the “European Disability Measurement (EDM) Project”. A new subvention for the continuation of the coordination can come into force by March 2003 at the earliest. ISTAT had offered to bridge the gap and to carry out activities required for the preparation of the WCG meeting in Ottawa, organized by the Statistical Institute of Canada (STATCANADA).

The main issues of this meeting are:

- The question matrix on the purposes of general disability measures;
- Results of methodological testing of general disability measures.

As a result of the “1.st Washington City Group Meeting on Disability Statistics” (Washington, 18-20 January 2002) two matrices were developed for approaching the ‘global measure’ issue and the term ‘comparable general disability measure’ was adopted to reduce confusion about multiple meanings of the term ‘global’.

These two matrices are:

1. a “*Conceptual Matrix*” which cross-classifies the purpose that a general disability measure is supposed to address (i.e., how such data will be put to use) with a typology of question characteristics which address concepts such as International Classification of Functioning, Disability and Health (ICF) domain, severity and duration;
2. an “*Empirical Questions Matrix*” for evaluating the characteristics of the general measures currently in use according to the dimensions of the matrix.

These two matrices are tools for identifying the gaps that exist in disability measurement and for directing future work in developing internationally comparable general measures of disability.

In order to enhance the European Countries experience of statistical disability, the Italian National Institute of Statistics (ISTAT) carried out a research study on “general measures” used in surveys and census carried out under the “European Statistical System”. The term ‘General Measure’ refers to a general question, or a short set of questions, used to identify persons with disabilities. The study is developed by using the “Empirical questions matrix” as a reference tool. *This report presents the results of the activities carried out by ISTAT, in collaboration with M. De Smedt, J. Bonte, M. de Klein, as preparatory work at a European level for further activities of the Washington City Group.*

Identification of available surveys to be used in this study

For our purpose it was decided to focus only on population-based surveys (administrative data sources were not taken into account). The fully harmonized EU-wide surveys (European Community Household Panel -ECHP, European Labour Force Survey -LFS, Survey on Income and

Living Conditions -SILC) were included and analyzed using the questions given as reference instruments to the MS.

To have an overview of all surveys carried out in Europe and those related to health/disability issues, it was necessary to collect information by using reference documents (HIS/HES database) and by sending a letter to all Member States (MS) asking them to submit questions used as general measures to identify persons with disabilities. Hungary, an EU Candidate Country, was also included because it is represented by Eva Gardos at the Ottawa meeting.

The following documents were used as a reference:

- “EUROSTAT Disability Project: Survey data on disability” (1999)¹
- “Inventory of survey data on disability in EU member state” (2002)²
- European Commission’s “European Health Interviews & Health Examination Surveys” (HIS/HES) database³ (version of July and of November 2002).

As a result, an Inventory was build with a total of n. 86 surveys. (See *Appendix 1*).

Because of the large number of surveys available, it was decided to adopt the following criteria to select surveys for an analysis of the General Measure Questions on disability:

1. *Survey typology*: all types of survey - census, health interview, health examination with a self-completed questionnaire component, social surveys, designated disability surveys - were included if they were carried out at national level.
2. *Period of time*: from 1998 to 2002. Some exceptions were made for countries which did not have surveys in the identified period such as Greece (EL01,1991) or Luxembourg (L01, 1996), Portugal (P01, 1995; P02, 1994) and Switzerland (Ch01,1997).

Following these criteria a total of 54 surveys were selected. Details on these surveys, where available, are included in *Appendix 2*

Selection of the General Measure Questions

The term ‘General Measure’ refers to a general question, or a short set of questions, used to identify persons with disabilities.

For the selected surveys, one or more questions considered as ‘General Measure’ were identified through the HIS/HES Database (version of July 2002 and version November 2002) or, in a few cases, from documents that were sent directly by the Member States.

It was decided to refer to the most recent survey if the same one was carried out more than once in the defined period of time (1998-2002), (e.g. CH01-1997 and CH02- 2002, F08-1999 and F12-2002; I03-2000 and I04-2001; IRL01-1998 and IRL03-1998; IRL02-2000 and IRL04-2001).

For some surveys general measure questions were not identified due to lack of information available or because it was clear that a “battery of questions” (such as ADL scale, IADL scale or similar scale) was used to identify people with disabilities.

¹ “EUROSTAT Disability Project:: Survey Data on Disability”, Final Project Report (15 October 1999), prepared by: Claire Gudex, Stine Hvitved Christensen, Niels Rasmussen, National Institute of Public Health, Copenhagen (DK)

² “Inventory of survey data on disability in EU member state” (2002), prepared by: Denise M. Sanderson, Niels Kr. Rasmussen, National Institute of Public Health, Copenhagen (DK)

³ The European Commission’s “European Health Interviews & Health Examination Surveys (HIS/HES)database.

In other cases, the full wording was not available (e.g. The Austrian Survey on disability) or the English translation had not been completed (e.g. N02).

Due to the above decisions/situations the number of surveys included in the “Empirical Matrix Questions” (see Appendix 4) is less than the total number of surveys selected. In fact, a total of 30 national surveys and 6 census containing general measure question(s) on disability were used for the analysis, plus the three fully harmonized EU-wide surveys ECHP, LFS, SILC.

The main criteria to be used in the “Empirical Matrix Questions” were then identified such as: number of questions used, reference to ICF domain, specification of duration of disability, response categories, attribution to health condition, use of neutral terminology, reference to norms, complexity of the question, age orientation, specific reference to mental health. (for more information see Appendix 3).

To represent the characteristic of the questions used in the European surveys more fully the original version of the Empirical Questions Matrix was slightly modified by adding other criteria such as: mix of concepts, need of help, specific reference to work/job activities.

The wording of each available question selected was analysed by the above criteria.

MAIN RESULTS

From the statistical point of view, the disability issue has a long tradition in surveys carried out in Europe. In fact, almost all surveys (1998-2002) have questions regarding health condition related to disability.

Table 1 shows the distribution of selected surveys having a general measure by type of survey.

The majority of these are Health Interview Surveys (13) and General Social Surveys (10). There are also 6 Censuses.

Table 1 – Breakdown by survey type

| Type Survey | Number | Code Survey |
|------------------------|-----------|--|
| HIS | 13 | A01, B02, CH02, DK02, E02, EL02, F09, F1999, FIN06, I01, IS02, NL02, H01 |
| General Social Survey* | 10 | B03, D02, F12, I04, IRL04, IS03, L02, N01, S02, UK11 |
| Census | 6 | Bc02, EL01, IrIC02, P04, UK15, H02 |
| HIS/HES | 3 | FIN03, IRL03, NL03 |
| Disability | 2 | F02 |
| Other | 3 | UK02, H03, H04 |
| Total | 36 | |

* Multipurpose Surveys and Standard of Living Surveys were included under this category.

The results of the analysis are presented according to the criteria previously mentioned.

Number of questions used to identify people with disabilities

In the surveys examined this number ranges from 1 to 7 questions (multi-responses questions have been counted as total number of items such as in IrlC02, IS02, IS03, NL03).

In the European context 17 out of 36 surveys use only 1 question and 13 surveys use 2 questions, as shown in the table below

Table 2 – Distribution of surveys by the number of questions used to identify people with disabilities

| Number of questions | Survey code | Number of surveys | % of total |
|---------------------|--|-------------------|--------------|
| 1 | CH02, D02, E02, EL01, EL02, F02, F12, F1999, FIN03, I01, I04, IRL03, NL02, S02, UK15, H02, H03 | 17 | 47.1 |
| 2 | A01, B02, B03, Bc02, DK02, F09, FIN06, IRL04, L02, P04, UK02, UK11, H01 | 13 | 36.1 |
| 3 | IS03 – H04 | 2 | 5.6 |
| 4 | | 0 | 0.0 |
| 5 | NL03 | 1 | 2.8 |
| 6 | IrlC02 - N01 | 2 | 5.6 |
| 7 | IS02 | 1 | 2.8 |
| Total | | 36 | 100.0 |

Table 3 – Distribution of surveys by question(s) used as general measure and survey type

| Survey Type \ Number of questions | HIS | General Social Survey | Census | HIS/HES | Disability | Other | Number of surveys |
|-----------------------------------|-----------|-----------------------|----------|----------|------------|----------|-------------------|
| 1 question | 6 | 4 | 3 | 2 | 1 | 1 | 17 |
| 2 | 6 | 4 | 2 | | | 1 | 13 |
| 3 | | 1 | | | | 1 | 2 |
| 4 | | | | | | | 0 |
| 5 | | | | 1 | | | 1 |
| 6 | | 1 | 1 | | | | 2 |
| 7 questions | 1 | | | | | | 1 |
| Total | 13 | 10 | 6 | 3 | 1 | 3 | 36 |

The above table shows that:

- 6 out of 13 HIS use only 1 question (CH02, E02, EL02, E1999, I01, NL02), 6 others use 2 questions (A01, B02, DK02, F09, FIN06, H01) and only 1 (IS02) uses 7 questions;
- 4 out of 10 General Social Surveys utilize 1 question (D02, F12, I04, S02) or 2 questions (B03, IRL04,L02,UK11), 1 (IS03) uses 3 questions and 1 (N01) uses 7 questions;

- 3 out of 6 Censuses use 1 question (EL01, H02, UK15), 2 (Bc02, P04) use 2 questions and 1 (IrlC02) uses 6 questions;
- 2 out of 3 HIS/HES use only 1 question (FIN03, IRL03) and 1 (NL03) uses 5 questions;
- the Disability Survey (F02) uses 1 question;
- 3 surveys belonging to “other” categories use respectively 1 (H03), 2 (UK02) and 3 (H04) questions.

ICF Domain

The ICF domains most frequently covered in the European surveys are *Activities*, *Body Structures and Body Function*. In fact, these are investigated in all the surveys considered: *Activities* is included in 32 out of 36 surveys, and *Body Structures and Body Function* in 31 surveys.

The *Participation* domain has also been taken into consideration in several surveys (17 out of 36) generally by using 1 question (8 surveys) or two or more (9 surveys).

For example among the surveys using more than one question *Activities* and *Participation* are investigated in a more completed way (NL03). It also takes into account the age of the respondent. For example, if the respondent is under 12 years of age (proxy is allowed) he/she is asked whether he/she is limited in activities at school or in other activities which are normal for a child of his/her age; if over 12 years of age to what degree he/she is limited in daily activities at home; and all respondents are asked to what degree they are limited at school, work, in leisure time activities, sports or traveling.

In Eleven of the 17 surveys using the *Participation* domain, the wording also include specific reference to *work context* or to job activities. (e.g.: DK02, E02, FIN06, H01 (HIS); D02, N01 (General Social Survey); FIN03, NL03 (HIS/HES); IrlC02, UK15 (Census); H04 (other).

Table 4 shows the distribution of the surveys by ICF Domain and number of questions used to identify persons with disabilities.

Table 4 – Distribution of surveys by ICF Domain and number of questions used to identify persons with disabilities

| Number of questions | BS BF A | BS BF A P | AP | BS BF | BS BF P | A | Total |
|---------------------|-----------|-----------|----------|----------|----------|----------|-----------|
| 1 | 6 | 6 | 2 | 2 | | 1 | 17 |
| 2 | 9 | 3 | | 1 | | | 13 |
| 3 | | 1 | 1 | | | | 2 |
| 4 | | | | | | | 0 |
| 5 | | 1 | | | | | 1 |
| 6 | | 1 | | | 1 | | 2 |
| 7 | | | 1 | | | | 1 |
| Total | 15 | 12 | 4 | 3 | 1 | 1 | 36 |

Many surveys (15 out of 36) focus on *Body Structures, Body Function and Activities* (BS, BF, A) using: 1 question (6 surveys: CH02, EL01, EL02, F12, S02, H03) or 2 questions (9 surveys: A01, B02, B03, Bc02, F09, IRL04, P04, UK02, UK11).

While all four ICF domains (BS, BF, A, P) are used in 12 surveys with: 1 question (6 surveys: E02, FIN03, I01, I04, IRL03, UK15) or 2 questions (3 surveys : DK12, FIN06, H01) or 2 or more (3 surveys: H04, NL03, IrlC02).

Furthermore, four surveys focus on Activities and Participation (D02, F1999, IS03, IS02), three surveys focus on Body Structure and Body Functions (F02, H02, L02), one focuses on Body Structure, Body Functions and Participation (N01) and one only on Activities (NL02).

Table 5 shows the distribution of surveys by ICF domain and type of survey, producing the following results that:

- Of the total 13 HIS, 5 surveys (A01, B02, CH02, EL02, F09) refer to BS, BF and A; 5 others (E02, I01, DK02, FIN06, H01) refer to all 4 ICF Domains; 2 surveys (F1999, IS02) refer to A and P, and 1 survey (NL02) only to Activity.
- Of the total 10 General Social Surveys, 5 (B03, F12, IRL04, S02, UK11) refer to BS, BF and A; 1 (I04) to all four ICF domains, 2 (D02, IS03) refer to A and P; 1 (L02) refers only to BF and BF, 1 (N01) only to Activity.
- Of the total 6 censuses, 3 (Bc02, EL01, P04) refer to BS, BF and A; 2 (IrlC02, UK15) to all 4 ICF domains and 1 (H02) to only BS and BF.
- All three HIS/HES (FIN03, IRL03, NL03) refer to all four ICF domains.
- The Disability Survey refers to only BS and BF.
- Of the total 3 surveys belonging to “other” types of surveys, 2 (UK02, H03) refer to BS, BF and A, and 1 (H04) to all four ICF domains.

Table 5 – Distribution of surveys by ICF Domain and type of survey

| Type of Survey | BS BF A | BS BF A P | AP | BS BF | BS BF P | A | Total of surveys |
|-----------------------|-----------|-----------|----------|----------|----------|----------|------------------|
| HIS | 5 | 5 | 2 | | | 1 | 13 |
| General Social Survey | 5 | 1 | 2 | 1 | 1 | | 10 |
| Census | 3 | 2 | | 1 | | | 6 |
| HIS/HES | | 3 | | | | | 3 |
| Disability | | | | 1 | | | 1 |
| Others | 2 | 1 | | | | | 2 |
| Total | 15 | 12 | 4 | 3 | 1 | 1 | 36 |

Taking into consideration the number of questions and the type of ICF domains which they refer to, it seems that when only 1 question is used there is much variability in the wording of the instrument. Despite this variability, 15 surveys out of 17 refer to Activity Limitations and only 2 (F02, H02) refer to BS and BF.

Generally the variability in the wording is due to the introduction of more specified information, e.g. regarding health conditions, cause of illness, etc. When activity and participation limitations are

investigated, other concepts are added, such as need of help or limitation due to health conditions/disabilities/handicaps.

The following examples of wording give an idea of this variability:

Limitation of activities (A), e.g.:

- “What about your day-to-day activities? - I have no difficulties in my day-to-day activities/ I have some difficulties in my day-to-day activities/I am unable to carry out my day-to-day activities.” (NL02).

Activities limitation and participation (A, P), e.g.:

- “Is he/she restricted in the kind or amount of exercise he/she can do? (at home, work, or school or any other occupation of his/her age such as travelling, games, sports, leisure activities?” (F1999)
- “Apart from short illness: does your state of health prevent you from carrying out your day to day activities, for example, in the home, at work or in your training? - Not at all/ A little/ Considerably.” (D02);

Long standing illness/disability that limits Activities and Participation, (BS, BF, A, P), e.g:

- “Do you have some permanent or chronic illness or some defect, trouble or injury, which diminishes your working capacity or functional ability? – Yes/ No” (FIN03);
- “Do you have any long-term illness, health problems or disability which limits your daily activities or work that you can do? -Yes/ No” (UK15)

Activities and participation limitations due to health condition/disability and need of help, (BS,BF, A, P), e.g.:

- “Do some of the people of the household need some type of special dedication for the fact of suffering a handicap or some limitation to carry out with normality the activities of the family, social and labour life? – Yes/ No” (E02);
- “Are you affected by longstanding illness or a permanent disability that reduces your personal freedom till requiring help from other people for daily needs inside and outside the home? -No/ Yes occasionally for some needs/ Yes continuously or for important needs” (I01, I04).

When 2 questions are used to identify people with disability there is more homogeneity in that the first enquires about chronic illness and the second one about activities or activities and participation limitations. Again the variability is due to the introduction of more specified information regarding

health conditions (disability/handicap/mental health illness...), examples of activities and contexts or type of answer categories.

The following examples of wording give the general idea of this variability:

The first question refers to “suffering a chronic disease/disability/handicap” (BS/BF) and the second one refers to “activities limitation due to health condition” (A), e. g.:

(B02, B03, Bc02,)

1. “Do you suffer from one or more longstanding illnesses, chronic conditions or handicaps?- Yes/ No”;
2. “Are you restricted in your daily activities due to this (these) illness(es), chronic condition(s) or handicaps? – Continually/ At intervals/ Not or seldom”.

(IRL04)

1. “Do you have any chronic, physical or mental problem, illness or disability? –Yes/ No”
2. “Are you hampered in your daily activities by this physical or mental health problem, illness or disability?- Yes severely/ Yes to some extent/ No” .

(UK02, UK11)

1. “Do you have any long -standing illness, disability or infirmity? – Yes/ No”
2. “Does this illness or disability limit your activities in any way? – Yes/ No”

(F09)

1. “Do you suffer from a chronic disease or health problems? – Yes/ No”
2. “During at least six months, have you been limited in activities which people normally carry out due to a health problem? – Yes/ No”

The first question refers to suffering a chronic disease/disability/handicap” (BS/BF) and the second one refers to A and P. e.g.:

(DK02)

1. “Do you suffer from any long standing illness, long standing after effect from injury, any disability or other long-standing condition? – Yes/ No”
2. “Are you restricted by this illness in your work/usual activities? - Yes, very much/Yes a little/ No”.

Duration specification on disability

11 surveys do not include a specific time reference in their wording. In these cases the verb is used in the Present tense.

25 surveys refer to specific time as follows:

Long standing: 17 (B02, B03, Bc02, DK02, EL01, EL02, I01, I04, IRL03, IrlC02, N01, NL03, S02, UK02, UK11, UK15, H03); *Apart from short/not short period*: 2 (D02, H01); *At least three months/or more*: 2 (FIN03, H04); *More than one year*: 1 (Ch02); *Past/6 months*: 1 (F09); *Specific date*: 1 (L02); *Future*: 1 (F12).

Reference Norms

In the European surveys a reference norm to compare something or someone. For example “compared with persons of your own age...” is never used.

Attribution to health conditions

There are 25 (out of 36 surveys) that include a specific reference to health problems or disability as the cause of restriction in activities and participation, while 6 surveys have no such reference (EL01, F12, F1999, IS02, NL02, S02). For 5 surveys the criterion is not applicable (EL02, L02, P04, H02, H03).

Answer categories

The answer categories criteria were: dichotomous, multiple and their combination.

As *Table 6* shows, the *Dichotomous* answer category is mostly used (16 surveys: Ch02, E02, EL01, EL02, F02, F12, F09, F1999, Fin03, IrlC02, IS03, S02, UK02, UK11, UK15, H03).

Eleven out of 36 surveys use both categories (B02, B03, Bc02, Dk02, Fin06, IRL04, L02, N01, NL03, P04, H01), and only 9 surveys use *Multiple* answer categories (A01, D02, I01, I04, IRL03, ISO2, NL02, H02, H04).

Table 6 – Survey distribution by answer categories and by number of questions

| Number of questions | Dichotomous | Multiple | Dich. and Multiple | Number of surveys |
|----------------------|-------------|----------|--------------------|-------------------|
| 1 | 12 | 5 | | 17 |
| 2 | 3 | 1 | 9 | 13 |
| 3 | 1 | 1 | | 2 |
| 4 | | | | - |
| 5 | 1 | | 1 | 2 |
| 6 | | | 1 | 1 |
| 7 | | 1 | | 1 |
| Total surveys | 17 | 8 | 11 | 36 |

If we analyse the type of answer category used by number of questions the results are as follows:

The surveys with one question (17) can be split up into:

- Dichotomous answer category: 12 surveys (Ch02, E02, EL01, EL02, F02, F12, F1999, FIN03, IRL03, S02, UK15, H03) and
- Multiple answer category: 5 surveys (D02, I01, I04, NL02, H02).

The surveys using two questions (13) are split up into:

- Dichotomous answer category: 3 surveys (F09, UK02, UK11)
- Multiple answer category: 1 survey (A01)
- Both answer categories: 9 surveys (B02, B03, Bc02, DK02, FIN06, IRL04, L02, P04, H01).

Surveys involving 3 questions (IS03 and H04) use Dichotomous and Multiple category respectively.

Surveys which have 5 questions (IrlC02 and NL03) use Dichotomous and Dichotomous followed by Multiple answer category respectively.

The survey N01, using 6 questions, utilizes Dichotomous for the first one and Multiple for the others. The survey IS02, using 7 questions, utilizes Multiple answer category for all questions.

Use of neutral terminology

The International Classification of Functioning, Disability and Health (ICF) as conceptual framework forces the use of a neutral terminology as a result of cultural changes in the definition of people with disabilities. In the European context the word “handicap” and “disability” were considered with a negative connotation. As result of using this criteria only 12 out of 36 surveys use neutral terminology (1/3 of the total).

Complexity

Wording was considered “complex” not only regarding the syntax but also as regards the format used to submit the question(s). The mix of concepts which was analysed separately, was excluded, as criteria for complexity, 19 out of 36 surveys use “no complex wording” while 17 use a complex one.

Mix of concepts

This stresses that in the wording there is a mix of concepts such as long-standing illness, disability, health problems or/and activities and participation with reference to environment too. The most common mix of concepts is related to longstanding illness/chronic conditions and disability or handicap.

Age oriented

The question was considered age oriented when it refers to specific target population. In only 4 surveys it occurred (A01, FIN06, IrlC02, NL03) by selecting a question regarding the age of the respondent (A01, NL03, IrlC02), or referring to an example of activities or a context that was related to the specific age of the population surveys (e.g.: FIN06).

It must be mentioned that in almost all other surveys the question is relating to activity limitation refers to activity in general (B02, B03, Bc02, CH02, F02, F09, F1999, I01, I04, IRL04, NL02, UK02, UK11) so that it can be used for all types of population survey.

Need of Help

This concept is included in only 6 surveys. The breakdown of the number of questions used is: one question (E02, I01, I04), two questions (A01, H01) and three questions (IS03).

Examples of wording:

I01

“Are you affected by a longstanding illness or a permanent disability that reduces your personal freedom till requiring help from other people for daily needs inside and outside the home?”

- NO
- YES, intermittently, for some needs
- YES, continuously, or for important needs”;

E02

“Does some people of the household need some type of special dedication for the fact of suffering a handicap or some limitation (not being able to be alone at nights, to need help to go out in the street, personal hygiene, etc.) to carry out with normality the activities of the family, social and labour life?”

- YES
- NO”

Specific reference to mental health functioning

Only 9 surveys refer to Mental Health: 8 refer to Psychological functioning (Ch02, IRL04, IrlC02, L02, P04, H01, H04) and 1 to Psychological and Cognitive functioning (F02).

Special Questions

In four of the surveys which are not included in the above presentation of results, a special general measure was found. These in fact, have a general question that aims only to identify people who have an official recognition of disability or who have a disability pension.

The surveys are:

D01 Germany - Microcensus, 1999 (HIS)

114. *Is your handicap established by an official notice, or have you made an appropriate application?*

D05 German National Health Examination and Interview Survey, 1998 (HIS)

25. *Do you have a disability which has been officially acknowledged by the appropriate body/pension office?*

E04 Spain – Impairment, Disabilities and Health Status Survey, 1999 (Disability survey).

19. *Does any person in the household have a handicap certificate issued by the National Social Services Institute or the respective Autonomous Community body as a result of suffering from a disability, problem or disease?*

FIN07 Finland – The National FinRisk, 2002 (HIS/HES)

21. *Do you receive disability pension for a disease or inability?*
- *(no)*
 - *(yes, partial disability pension)*
 - *(yes, temporary disability pension)*
 - *(yes, permanent disability pension)*

Several others surveys include these kind of questions but they also have questions of general measure (e.g. D02, FIN06, P04).

Fully harmonized EU-wide surveys and general measure

The three fully harmonized EU-wide surveys are:

- European Community Household Panel (ECHP)
- European Labor Force Survey (LFS)
- Survey on Income and Living Conditions (SILC)

The European Community Household Panel (1994-2001) uses a general measure of disability composed of two questions:

1. “Do you have any chronic physical or mental health problem, illness or disability? (Yes / No)”
2. “Are you hampered in your daily activities by this physical or mental health problem, illness or disability? (Yes, severely / Yes, to some extent / No)”.

The first question investigates the health/disability condition (BS, BF) and the second the limitation of activities. The main characteristics of this general measure are: it refers to BS, BF and A of the ICF domains; there is no specification of duration of the chronic condition or disability; the wording is not age oriented; neutral terminology is not used (since the word disability generally has a negative connotation); the syntax is not complex but there is a mix of concepts in the wording; a specific reference to mental health problems (psychological and cognitive) is included.

Activity limitations are investigated by referring to health conditions, and without reference to norms or to work contest and job activities. Need for help is not included.

The answer categories are dichotomous (in the first questions) and multiple (in the second).

These two questions are introduced by a self-perceived health question: “How is your health in general?”. Together, these three questions are the first version of the Minimum European Health Module (MEHM). This module will be used in the *Survey on Income and Living Conditions*, starting from 2004.

The European Labor Force Survey 2002 uses a single question as a general measure for screening respondents for the specific module of “Employment of disabled people”. The question is: “Do you have any longstanding health problem or disability? Yes/ No”. This question is also part of the MEHM.

The main characteristics of this question are: it refers to BS and BF of the ICF domains; non-neutral terminology (“disability”) is used; there is a mix of concepts but the wording is not complex; there is no reference to mental health functioning or work/job activity, or to need of help. The question is not age oriented and does not make any reference to norms. The duration of the health problem is specified (“longstanding”).

Appendix 1

Inventory of available surveys

| Nr | Code | Country | Year | Title Survey |
|----|---------------------------------|-------------|---------|---|
| 1 | A01 | Austria | 1999 | Microcensus |
| 2 | A02 | Austria | 1995 | Disabled Persons |
| 3 | no code | Austria | 2002 | Austrian Survey on disabilities |
| 4 | B01 | Belgium | 1997 | Health interview survey |
| 5 | B02 | Belgium | 2001 | Health interview survey |
| 6 | B03 | Belgium | 2001 | General Socio-Economic Survey |
| 7 | no code ¹ (Bc02) | Belgium | 2002 | Census |
| 8 | CH01 | Switzerland | 1997 | Swiss Health Survey |
| 9 | CH02 | Switzerland | 2002 | Swiss Health Survey |
| 10 | D01 | Germany | 1999 | Questions on Health-Microcensus |
| 11 | D02 | Germany | 1998 | Survey on living conditions, health and environment |
| 12 | D03 | Germany | 2003 | Questions on Health-Microcensus |
| 13 | D05 | Germany | 1998 | German National Health Examination and Interview Survey |
| 14 | DK01 | Denmark | 1994 | Danish Health and Morbidity Survey |
| 15 | DK02 | Denmark | 2000 | Danish Health and Morbidity Survey |
| 16 | E01 | Spain | 1995 | National Health Survey |
| 17 | E02 | Spain | 2001 | Health interview survey |
| 18 | E04 | Spain | 1999 | Impairments, Disabilities and Health Status Survey |
| 19 | no code | Spain | 2001 | Census |
| 20 | EL01 | Greece | 1991 | Population census |
| 21 | EL02 | Greece | 1998 | National Greek Survey: Psychological factors and health |
| 22 | F01 | France | 1996 | Health and Care Interview Survey |
| 23 | F02 | France | 1999 | Handicaps, Disabilities and Dependency Survey |
| 24 | F03 | France | 1998 | Health and Social Protection Survey |
| 25 | F04 | France | 2002-03 | Health and Care Interview Survey |
| 26 | F05 | France | 2001 | Handicaps, Disabilities and Dependency Survey |
| 27 | F07 | France | 2000 | Continuous Survey on living conditions |
| 28 | F08 | France | 1999 | French survey on living conditions and aspirations |
| 29 | F09 | France | 2002 | Health and Social Protection Survey |
| 30 | F11 | France | 2001 | Continuous Survey on living conditions |
| 31 | F12 | France | 2001 | French survey on living conditions and aspirations |
| 32 | no code ¹ (F1999) | France | 1999 | Everyday life and health Survey |
| 33 | FIN01 | Finland | 2000 | Health Behaviour |

| Nr | Code | Country | Year | Title Survey |
|----|----------------------|-----------------|---------|---|
| 34 | FIN02 | Finland | 1997 | The National FINRISK Study |
| 35 | FIN03 | Finland | 2000 | Health –Survey on Capability and national Health |
| 36 | FIN04 | Finland | 1986 | Living Conditions Survey |
| 37 | FIN05 | Finland | 1996 | Finnish Health Care |
| 38 | FIN06 | Finland | 2001 | Health Behaviour Survey among the Adult population |
| 39 | FIN07 | Finland | 2002 | The National FINRISK Study |
| 40 | FIN09 | Finland | 2001 | Health Behaviour Survey among the Elderly population |
| 41 | I01 | Italy | 1999-00 | Health conditions and recourse to health services |
| 42 | I02 | Italy | 1994 | Aspects of daily life |
| 43 | I03 | Italy | 2000 | Aspects of daily life |
| 44 | I04 | Italy | 2000 | Aspects of daily life |
| 45 | IRL01 | Ireland | 1998 | Survey of Lifestyle, Attitudes and Nutrition (SLÁN) |
| 46 | IRL02 | Ireland | 2000 | Living in Ireland Survey |
| 47 | IRL03 | Ireland | 2002 | Survey of Lifestyle, Attitudes and Nutrition (SLÁN) |
| 48 | IRL04 | Ireland | 2001 | Living in Ireland Survey |
| 49 | no code 1(IrIC02) | Ireland | 2002 | Census |
| 50 | IS01 | Iceland | 1996 | Omnibus survey |
| 51 | IS02 | Iceland | 1989-99 | Health and Living Conditions in Iceland |
| 52 | IS03 | Iceland | 2001 | Health and lifestyle |
| 53 | L01 | Luxembourg | 1996 | Panel Living in Luxembourg |
| 54 | L02 | Luxembourg | 2001 | Socio_economic Panel Living in Luxembourg |
| 55 | N01 | Norway | 1998 | Survey on Living Conditions |
| 56 | N02 | Norway | 2002 | Survey on living conditions & health, care and social relations |
| 57 | NL01 | The Netherlands | 1998 | Continous Survey on living conditions |
| 58 | NL02 | The Netherlands | 2001 | Second National Study on Morbidity and use of health services |
| 59 | NL03 | The Netherlands | 2001 | Continous Survey on living conditions |
| 60 | P01 | Portugal | 1995 | National Health Survey |
| 61 | P02 | Portugal | 1996 | National survey on disabilities |
| 62 | P03 | Portugal | 1998-99 | National Health Survey |
| 63 | P04 | Portugal | 2001 | General Census |
| 64 | S01 | Sweden | 1999 | Living Conditions Survey |
| 65 | S02 | Sweden | 2001 | Living Conditions Survey |
| 66 | UK01 | United Kingdom | 2000 | The General Household Survey |
| 67 | UK02 | United Kingdom | 1998 | Health Education Monitoring Survey |
| 68 | UK03 | United Kingdom | 1991-92 | Health and lifestyle survey |
| 69 | UK04 | United Kingdom | 1996-97 | Disability Survey |
| 70 | UK05 | United Kingdom | 1993-94 | Survey of Psychiatric Morbidity |
| 71 | UK06 | United Kingdom | 2002 | The General Household Survey |

| Nr | Code | Country | Year | Title Survey |
|----|-------------------------------|----------------|---------|-----------------------------------|
| 72 | UK08 | United Kingdom | 2000 | Survey of Psychiatric Morbidity |
| 73 | UK09 | United Kingdom | 1998 | Health Survey for England |
| 74 | UK10 | United Kingdom | 1995 | The Scottish Health Survey |
| 75 | UK11 | United Kingdom | 2001 | The General Household Survey |
| 75 | UK12 | United Kingdom | 2000 | Health Survey for England |
| 77 | UK13 | United Kingdom | 1998 | The Scottish Health Survey |
| 78 | UK14 | United Kingdom | 2001 | The Scottish Health Survey |
| 79 | UK15 | United Kingdom | 2001 | Census |
| 80 | no code | United Kingdom | | OPCS survey of disability |
| 81 | no code | United Kingdom | | National Travel Survey: |
| 82 | no code | United Kingdom | | Family Resources Survey: |
| 83 | no code | United Kingdom | | English Housing Conditions Survey |
| 84 | no code ¹ (H01) | Hungary | 2000 | National Health Interview Survey |
| 85 | no code ¹ (H02) | Hungary | 2001 | Population census |
| 86 | no code ¹ (H03) | Hungary | 2002 | Labour Force Survey |
| 86 | no code ¹ (H04) | Hungary | 1999-01 | Time-use Survey |

¹ This survey is not enclosed in the HIS/HES database; the code given in not an official one.

Appendix 2

Information on surveys selected

| No. | Survey Code | Country | Year | Title Survey | Type of survey | Frequency | Survey design | Mode data collection | Age group restriction | Sample size: households | Sample size: persons | Proxy | Survey languages | Institution conducting survey |
|-----|----------------|-------------|------|---|-----------------------|------------|------------------------------------|----------------------|-----------------------|-------------------------|----------------------|----------------|-------------------------|---|
| 1 | A01 | Austria | 1999 | Microcensus | HIS | irregular | cross-sectional with follow -up | FTF | no restriction | 31.000 | 60.000 | YES | German | Statistics Austria |
| 2 | | Austria | 2002 | Austrian Survey on disabilities | Disability | - | - | - | - | - | - | - | - | - |
| 3 | B02 | Belgium | 2001 | Health interview Survey | HIS | 4 yearly | cross-sectional with follow -up | FTF+SA | no restriction | 5.525 | 12.100 | YES | French; Dutch; German | Institute of Public Health IPH |
| 4 | B03 | Belgium | 2001 | General Socio-Economic Survey 2001 | General social survey | once | cross-sectional without follow -up | SA | no restriction | 4.289.445 | 10.296.350 | YES | French; Dutch; German | Nationaal Instituut voor de Statistiek NIS |
| 5 | No code (Bc02) | Belgium | 2002 | Census | Census | | | | | | | | | |
| 6 | CH02 | Switzerland | 2002 | Swiss Health Survey 2002 | HIS | 5-yearly | cross-sectional without follow -up | FTF+TEL+SA | 15+ | 19.600 | - | YES | German; French; Italian | Bundesamt für Statistik-Office fédérale de la Statistique |
| 7 | D01 | Germany | 1999 | Questions on Health | HIS | 4 yearly | cross-sectional without follow -up | FTF+SA | no restriction | - | 400.000 | YES | German | Statistisches Bundesamt - Dienstort Bonn |
| 8 | D02 | Germany | 1998 | Survey on living condition, health and environment | General social survey | irregular | combination cross-sectional/panel | SA | minimum age 45 | - | 4.843 | NO | German | Bundesinstitut für Bevölkerungsforschung / BiB |
| 9 | D05 | Germany | 1998 | German National Health Examination and Interview Survey | HIS/HES | 6-7 yearly | cross-sectional without follow -up | FTF+SA | 18-79 | - | 7.124 | NO | German | Robert Koch Institute / RKI |
| 10 | DK02 | Denmark | 2000 | Health and Morbidity in Denmark | HIS | 6-7 yearly | cross-sectional with follow -up | FTF+SA | 16+ | - | 16.690 | YES | Danish | National Institute of Public Health |
| 11 | E02 | Spain | 2001 | National Health Survey | HIS | - | - | - | - | - | - | - | - | Ministerio de Sanidad y Consumo |
| 12 | E04 | Spain | 1999 | Impairments, Disabilities and Health Status Survey | Disability | irregular | unknow | FTF+SA | no restriction | 79.000 | 230.000 | YES | Spanish | National Institute of Statistics |
| 13 | EL01 | Greece | 1991 | Population Census | Census | 10 yearly | cross-sectional without follow -up | FTF | no restriction | - | - | No information | Greek | National Statistical Service of Greece |

| No. | Survey-Code | Country | Year | Title Survey | Type of survey | Frequency | Survey design | Mode data collection | Age group restriction | Sample size: households | Sample size: persons | Proxy | Survey languages | Institution conducting survey |
|-----|-------------|---------|-----------|--|-----------------------|-----------|------------------------------------|----------------------|-----------------------|-------------------------|----------------------|----------------|------------------|--|
| 14 | EL02 | Greece | 1998 | National Greek Survey: Psychosocial factors and Health | HIS | 5-yearly | cross-sectional with follow -up | FTF | 12 to 64 only | - | 3.759 | NO | Greek | University Mental Health Research Institute |
| 15 | F02 | France | 1999 | Handicaps, Disabilities and Dependency Survey | disability | unknown | unknow | FTF | no restriction | - | 16.900 | YES | French | INSEE Inst Nat de la Statistique et des Etudes Economiques |
| 16 | F08 | France | 1999 | French Survey on living conditions and aspirations | General social survey | yearly | unknow | FTF | 18+ | - | 2.001 | No information | French | CREDOC |
| 17 | F09 | France | 2002 | Health and Social Protection Survey | HIS | 2-yearly | cross-sectional with follow -up | FTF+TEL+SA | no restriction | 7.000 | 20.000 | YES | French | CREDES |
| 18 | F12 | France | 2001 | French survey on living conditions and aspirations | General social survey | - | - | - | - | - | - | - | French | CREDOC |
| 19 | FIN03 | Finland | 2000 | Health 2000 | HIS/HES | irregular | cross-sectional with follow -up | FTF+TEL+SA | 18+ | - | 10.000 | YES | Finnish; Swedish | National Public Health Institute /KTL |
| 20 | FIN06 | Finland | 2001 | Health Behaviour Survey among the Adult Population | HIS | yearly | cross-sectional with follow -up | SA | 15-64 | 5.000 | - | NO | Finnish; Swedish | KTL |
| 21 | FIN07 | Finland | 2002 | The National Finrisk Study | HIS/HES | 5-yearly | cross-sectional without follow -up | SA | unknow | 9.000 | - | NO | Finnish | KTL |
| 22 | I01 | Italy | 1999-2000 | Health Conditions and the Use of Health Services | HIS | 4 yearly | cross-sectional without follow -up | FTF | no restriction | 60.000 | 180.000 | YES | Italian | National Institute of Statistics |

| No. | Survey-Code | Country | Year | Title Survey | Type of survey | Frequency | Survey design | Mode data collection | Age group restriction | Sample size: households | Sample size: persons | Proxy | Survey languages | Institution conducting survey |
|-----|------------------|-----------------|---------|---|-----------------------|------------|-----------------------------------|----------------------|-----------------------|-------------------------|----------------------|----------------|--------------------------|---|
| 23 | I04 | Italy | 2001 | Aspects of daily living | General social survey | yearly | cross-sectional without follow-up | FTF | no restriction | 21.800 | 56.000 | YES | Italian | National Institute of Statistics |
| 24 | IRL03 | Ireland | 2002 | Survey of Lifestyle, attitudes and nutrition (SLAN) | HIS/HES | 4-yearly | cross-sectional without follow-up | SA | 18+ | - | 6.539 | YES | English | National University of Ireland, Galway |
| 25 | IRL04 | Ireland | 2001 | Living in Ireland Survey, 2001 | General social survey | yearly | panel study | FTF | 16+ | - | - | YES | English | Economic and Social Research Institute / ESRI |
| 26 | No code (IriC02) | Ireland | 2002 | Census | Census | - | - | - | - | - | - | - | - | - |
| 27 | IS02 | Island | 1989-99 | Health and Living Conditions in Iceland | HIS | irregular | panel study | FTF+TEL+SA | 18-75 | - | 1.924 | NO | Icelandic | University of Iceland |
| 28 | IS03 | Island | 2001 | Health and lifestyle of the Icelandic population | General social survey | yearly | cross-sectional without follow-up | SA | 20-80 | - | 1.010 | NO | Icelandic | IMG - Gallup - Iceland |
| 29 | N01 | Norway | 1998 | Survey on Living Conditions | General social survey | 3-4 yearly | cross-sectional without follow-up | FTF+TEL+SA | 16+ | - | 7.125 | No information | Norwegian | Statistik Sentralbyra° |
| 30 | NL02 | The Netherlands | 2001 | Patient survey - Second Dutch National Survey of General Practice | HIS | irregular | cross-sectional without follow-up | FTF | no restriction | - | 13.000 | YES | Dutch; Marrocan; Turkish | Rijksinstituut Volksgezondheid en Milieu/RIVM |
| 31 | NL03 | The Netherlands | 2001 | Continuous Survey on living conditions | HIS/HES | continuous | cross-sectional without follow-up | FTF+SA | no restriction | - | - | YES | Dutch | Centraal Bureau voor de Statistiek / CBS |
| 32 | S02 | Sweden | 2001 | Living Conditions Survey | General social survey | yearly | combination cross-sectional/panel | FTF | 16-84 | - | 5.800 | YES | Swedish | Statistiska Centralbyra°n / SCB |

| No. | Survey-Code | Country | Year | Title Survey | Type of survey | Frequency | Survey design | Mode data collection | Age group restriction | Sample size: households | Sample size: persons | Proxy | Survey languages | Institution conducting survey |
|-----|---------------|----------------|-----------|------------------------------------|-----------------------|------------|-----------------------------------|----------------------|-----------------------|-------------------------|----------------------|-------|------------------|---|
| 33 | UK02 | United Kingdom | 1998 | Health Education Monitoring Survey | other | irregular | cross-sectional with follow-up | FTF | 16+ | - | 5.800 | NO | English | Office for National Statistics / ONS |
| 34 | UK11 | United Kingdom | 2001 | The General Household Survey | General social survey | continuous | cross-sectional without follow-up | FTF+TEL | no restriction | 13.248 | - | YES | English | Office for National Statistics / ONS |
| 35 | UK15 | United Kingdom | 2001 | Census | Census | 10 years | - | SA | no restriction | - | - | - | English | Office for National Statistics / ONS |
| 36 | No code (H01) | Hungary | 2000 | National health Interview Survey | HIS | ad hoc | | FTF+ SA | 18 and above | | 5.503 | NO | Hungarian | National Center for Epidemiology ¹ |
| 37 | No code (H02) | Hungary | 2001 | Population Census | Census | 10 years | | FTF+ SA | | 32.321 | | | Hungarian | Hungarian Central Statistical Office |
| 38 | No code (H03) | Hungary | 2002 | Labour Force Survey | Other | ad hoc | | FTF | 15-64 | | 54.800 | Yes | Hungarian | Hungarian Central Statistical Office |
| 39 | No code (H04) | Hungary | 1999-2001 | Time-Use Survey | Other | 10 years | | FTF | 15-84 | cca. 11.000 | cca. 11.000 | No | Hungarian | Hungarian Central Statistical Office |

Appendix 3

Legend of criteria for the Empirical Matrix

| | |
|---------------------|---|
| <i>Survey-Code</i> | Number used in the HIS/HES database. When the survey is not in the database it is underlined but an unofficial code is given. |
| <i>Country</i> | Country |
| <i>Year</i> | Year in which the survey was done |
| <i>Title Survey</i> | Title of the Survey |

General Measure: answer categories: Yes, No. General measure refers to questions (one or more) that are used to identify persons with disabilities.

Number of questions used to identify persons with disabilities: It refers to the number used for selection. The multi-responses have been counted as a total number of items.

ICF Domain: Description of ICF domain that are addressed by the general measure. Answer categories: BS (Body Structure), BF (Body Function), A (Activities), P (Participation). It refers to the type of ICF domain used to identify persons with disabilities. When the wording includes words like handicap/disability it is considered linked to BF - BS and A as ICF domain.

Mixture of concepts: This stresses that in the wording there is a mix of concepts such as long-standing illness, disability, health problems or/and activities and participation with reference to environment too. Answer categories: Yes, No.

Duration specified: Answer categories: The expression used in the wording or in the instruction is reported. If not specified, it is reported "Not specified".

Response categories: Description of the type of response categories used: Dichotomous, Multiple, Open

Attribution to a health condition: This addresses the issue of whether the general measure encloses a specific reference to a health problem or disability as a cause of restriction in activities and participation.

Answer categories: Yes (when there is a specific reference to health problem, disability...in the wording), No.

Use of neutral terminology in question: It stresses the type of terminology used in the wording. Answer categories: Yes, No. Yes when neutral or biased words are used, and No when words such as handicaps or disability are used.

Reference to Norms: answer categories: Yes, No. Yes when there is a reference to something or someone, such as "compared with persons of your own age...".

Complexity: It refers to cognitive complexity of the general measure such as syntax used. Answer categories: yes (if the wording is complex for the syntax used), no (if the syntax is simple).

Age-oriented: answer categories: Yes (if the wording refers to specific target population), No

Need of help: This addresses the issue of whether the wording encloses the concept of need of help in daily life. Answer categories: yes (if there is specific reference to need of help for carrying out activities)

Specific reference to Mental health functioning: This refers to **if** and how the general measure addresses mental functioning. Answer categories: Yes, *cognitive*, if in the list there is specific reference to intellectual or cognitive problems; *psychological*, when “mental health” or emotional problems are used), No.

Specific reference to work activities: Answer categories: Yes, when there is specific reference to work or working activities, No.

Appendix 4

Empirical Questions Matrix

DESCRIPTION OF GENERAL QUESTIONS ON DISABILITY

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities |
|-----|----------------|-------------|------|---|------------------|--|----------------|---------------------|-------------------------------|-----------------------|-----------------------------------|----------------------------|----------------|------------|--------------|--------------|--|--|
| 1 | A01 | Austria | 1999 | Microcensus | Yes | 2 | BS, BF, A | Yes | Not specified | Multiple | Yes | Yes | No | Yes | Yes | Yes | No | No |
| 2 | B02 | Belgium | 2001 | Health interview survey | Yes | 2 | BS, BF, A | Yes | Long standing | 1. Dic 2. Multiple | Yes | No | No | No | No | No | No | No |
| 3 | B03 | Belgium | 2001 | General Socio-Economic Survey | Yes | 2 | BS, BF, A | Yes | Long standing | 1. Dic 2. Multiple | Yes | No | No | No | No | No | No | No |
| 4 | no code (Bc02) | Belgium | 2002 | Census | Yes | 2 | BS, BF, A | Yes | Long standing | 1. Dic 2. Multiple | Yes | No | No | No | No | No | No | No |
| 5 | CH02 | Switzerland | 2002 | Swiss Health Survey | Yes | 1 | BS,BF, A | Yes | More than one year | DIC | Yes | Yes | No | No | No | No | Psychological | No |
| 6 | D02 | Germany | 1998 | Survey on living conditions, health and environment | Yes ₃ | 1 | A, P | Yes | Apart from short illnesses... | Multiple | Yes | Yes | No | Yes | No | No | No | Yes |
| 7 | DK02 | Denmark | 2000 | Danish Health and Morbidity Survey | Yes | 2 | BS, BF, A., P. | Yes | Long standing | 1.DIC; 2. Multiple | Yes | No | No | No | No | No | No | Yes |
| 8 | E02 | Spain | 2001 | Health interview survey | Yes | 1 | BS, BF, A, P. | Yes | Not specified | DIC | Yes | No | No | Yes | No | Yes | No | Yes |
| 9 | EL01 | Greece | 1991 | Population census | Yes | 1 | BS, BF, A | Yes | Long standing | DIC | No | No | No | No | No | No | No | No |
| 10 | EL02 | Greece | 1998 | National Greek Survey: Psychological factors and health | Yes | 1 | BS, BF, A | Yes | Long standing | DIC | Not Applicable | No | No | No | No | No | No | No |
| 11 | F02 | France | 1999 | Handicaps, Disabilities and Dependency Survey | Yes | 1 | BS, BF | No | Not specified | DIC | Yes | Yes | No | No | No | No | Cognitive and Psychological | No |
| 12 | F12 | France | 2001 | French survey on living conditions and aspirations | Yes | 1 | BS, BF, A | Yes | Future | DIC | No | No | No | No | No | No | No | No |
| 13 | F09 | France | 2002 | Health and Social Protection Survey | Yes | 2 | BS, BF, A | No | Past/Six months | DIC | Yes | Yes | Yes | No | No | No | No | No |

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities | |
|-----|------------------|---------|-----------|---|------------------|--|--------------|---------------------|-----------------------|---------------------|-----------------------------------|----------------------------|----------------|------------|------------------|--------------|--|--|-----|
| 14 | No code (F1999) | France | 1999 | Everyday life and health Survey | Yes | 1 | A, P | No | Not specified | DIC | No | Yes | No | Yes | No | No | No | No | No |
| 15 | FIN03 | Finland | 2000 | Health –Survey on Capability and national Health | Yes | 1 | BS, BF, A, P | Yes | At least three months | DIC | Yes | Yes | No | Yes | No | No | No | No | Yes |
| 16 | FIN06 | Finland | 2001 | Health Behaviour Survey among the Adult population | Yes ₃ | 2 | BS, BF, A, P | Yes | Not specified | 1. DIC, 2. Multiple | Yes | No | No | No | Yes ₄ | No | No | No | Yes |
| 17 | I01 | Italy | 1999-2000 | Health conditions and recourse to health services | Yes | 1 | BS, BF, A, P | Yes | Long standing | Multiple | Yes | No | No | Yes | No | Yes | No | No | No |
| 18 | I04 | Italy | 2001 | Aspects of daily life | Yes | 1 | BS, BF, A, P | Yes | Long standing | Multiple | Yes | No | No | Yes | No | Yes | No | No | No |
| 19 | IRL03 | Ireland | 2002 | Survey of Lifestyle, Attitudes and Nutrition (SLAN) | Yes | 1 | BS, BF, A, P | Yes | Long term | Multiple | Yes | No | No | No | No | No | No | No | No |
| 20 | IRL04 | Ireland | 2001 | Living in Ireland Survey | Yes | 2 | BS, BF, A | Yes | Not specified | 1. DIC, 2. Multiple | Yes | No | No | No | No | No | No | Psychological | No |
| 21 | No code (IIRC02) | Ireland | 2002 | Census | Yes | 6 | BS, BF, A, P | Yes | Long standing | DIC | Yes | Yes | No | Yes | Yes | No | Psychological | Yes | Yes |
| 22 | IS02 | Iceland | 1989-99 | Health and Living Conditions in Iceland | Yes | 7 | A, P. | Yes | Not specified | Multiple | No | Yes | No | Yes | No | No | No | No | No |
| 23 | IS03 | Iceland | 2001 | Health and lifestyle | Yes | 3 | A.P. | Yes | Not specified | DIC | Yes | Yes | No | Yes | No | Yes | No | No | No |

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities |
|-----|---------------|-----------------|------|---|------------------|--|----------------|---------------------|---------------------------|-------------------------|-----------------------------------|----------------------------|----------------|------------|--------------|--------------|--|--|
| 24 | L02 | Luxembourg | 2001 | Socio_economic Panel Living in Luxembourg | Yes | 2 | BS, BF | Yes | Specific date: 31/12/2000 | 1. DIC, 2. Multiple | Not Applicable | No | No | No | No | No | Psychological | No |
| 25 | N01 | Norway | 1998 | Survey on Living Conditions | Yes | 6 | BS,BF, P | Yes | LongTerm/ 6 months | 1. DIC, 2. Multiple | Yes | No | No | Yes | No | No | No | Yes |
| 26 | NL02 | The Netherlands | 2001 | Second National Study on Morbidity and use of health services | Yes | 1 | A | No | No | Multiple | No | Yes | No | No** | No | No | No | No |
| 27 | NL03 | The Netherlands | 2001 | Continuous Survey on living conditions | Yes | 5*** | A, P, (BS, BF) | Yes | Longstanding | 1. DIC, others Multiple | Yes | No | No | Yes | Yes | No | No | Yes |
| 28 | P04 | Portugal | 2001 | General Census | Yes ³ | 2 | BS, BF, (A) | No | Not specified | 1.DIC, 2. Multiple | Not Applicable | No | No | Yes | No | No | Psychological | No |
| 29 | S02 | Sweden | 2001 | General Census | Yes | 1 | BS, BF, A | Yes | Long term | DIC | No | No | No | No | No | No | No | No |
| 30 | UK02 | United Kingdom | 1998 | Health Education Household Survey | Yes | 2 | BS, BF, A | Yes | Longstanding | DIC | Yes | No | No | No | No | No | No | No |
| 31 | UK11 | United Kingdom | 2001 | The General Household Survey | Yes | 2 | BS, BF, A | Yes | Longstanding | DIC | Yes | No | No | No | No | No | No | No |
| 32 | UK15 | United Kingdom | 2001 | Census | Yes | 1 | BS,BF, A, P | Yes | Long term | DIC | Yes | No | No | Yes | No | No | No | Yes |
| 33 | No code (H01) | Hungary | 2000 | National Health Interview Survey | Yes | 2** | BS, BF, A, P. | Yes | not short period | 1.DIC, 2. Multiple | Yes | Yes | No | Yes | No | Yes | Psychological | Yes |
| 34 | No code (H02) | Hungary | 2001 | Population census | Yes | 1 | BS, BF | No | Not specified | Multiple | Not Applicable | No | No | Yes | No | No | Psychological | No |

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities | |
|-----|---------------|---------|-----------|---------------------|-----------------|--|---------------|---------------------|-----------------------------|---------------------|-----------------------------------|----------------------------|----------------|------------|--------------|--------------|--|--|-----------------|
| 35 | No code (H03) | Hungary | 2002 | Labour Force Survey | Yes | 1 | BS,BF, (A) | Yes | Long standing | DIC | Not Applicable | No | No | No | No | No | No | No | No ₆ |
| 36 | No code (H04) | Hungary | 1999-2001 | Time-Use Survey | Yes | 3 | BS, BF, A, P. | Yes | Illness: more than 3 months | Multiple | Yes | No | No | Yes | No | No | Psychological | Yes | |

Surveys with a question related with official recognition of disability

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities | |
|-----|-------------|---------|------|---|--------------------|--|---------------------------|---------------------|--------------------|---------------------|-----------------------------------|----------------------------|----------------|------------|--------------|--------------|--|--|----|
| 1 | D01 | Germany | 1999 | Questions on Health-Microcensus | No ² | 1 ² | BS, BF, (A) | No | Not applicable | DIC | Not Applicable | No | Not Applicable | No | No | No | No | No | No |
| 2 | D05 | Germany | 1998 | German National Health Examination and Interview Survey | No ² | 1 ² | BS, BF, (A) | No | Not applicable | DIC | Not Applicable | No | Not Applicable | No | No | No | No | No | No |
| 3 | E04 | Spain | 1999 | Impairments, Disabilities and Health Status Survey | No ² | 1 ² | BS, BF, (A) | No | Not applicable | DIC | Yes | No | No | No | No | No | No | No | No |
| 4 | FIN07 | Finland | 2002 | The National FINRISK Study | No ^{2bis} | 1 | BS, BF, A, P [*] | Yes | Not applicable | Mutiple | Not Applicable | No | Not Applicable | No | No | No | No | No | No |

Surveys carried out at the European level

| No. | Survey-Code | Country | Year | Title Survey | General Measure | Number of questions of General Measure | ICF Domain | Mixture of concepts | Duration specified | Response categories | Attribution to a health condition | Use of neutral terminology | Reference/Norm | Complexity | Age-oriented | Need of help | Specific reference to mental health function | Specific reference to work/work activities |
|-----|-------------|----------|------|---------------------------|-----------------|--|-------------|---------------------|---------------------------|-----------------------|-----------------------------------|----------------------------|----------------|------------|--------------|--------------|--|--|
| | | EUROSTAT | | Survey ECHP 1994-2000 | Yes | 2 | BF, BS, A | Yes | Not specified | 1. DIC 2. Multiple | Yes | No | No | No | No | No | Cognitive and Psychological | No |
| | | EUROSTAT | | Labour Force Survey 2002 | Yes | 1 | BF, BS, (A) | Yes | Long standing/ 6months | DIC | Not Applicable | No | No | No | No | No | No | No ⁶ |
| | | EUROSTAT | | SILC 2004 - Proposal MEHM | Yes | 1 | A | No | at least 6 months | Multiple | Yes | Yes | Yes | No | No | No | No | No |

¹ In the instruction it is clarified that the duration should be at least 3 months

² It is not General measure because the question is related with handicap or disability officially notified

^{2bis} It is not General Measure because asked only on who received disability pension

³ It also has a question on handicap or disability officially notified

⁴ It is age oriented because included "work and job tasks" but the age group is 15-64 years old

⁵ It takes into account: sensory functions, activities limitation, cognitive, activity of daily life and participation

⁶ Plus questions of the "ad hoc module on employment of disabled people"

* It is enclosed Participation because the question asked about inability (to work)

** A card is presented to help the respondents

*** total number of questions is 5 but they are divided for age of the respondents

** *Plus questions about mental disorders

Appendix 5

List of General Measure questions selected from the MS survey and census.

The list is ordered by Code survey. (When one survey it is not included in the HIS/HES database a not official code was given to it).

Only the questions in bold were considered for the Empirical Matrix analysis.

| | | | |
|------------|--------------------|-------------|----------------|
| A01 | Microcensus | 1999 | Austria |
|------------|--------------------|-------------|----------------|

B. 36 Are you unable, for health reasons, i.e. as a result of a chronic illness, permanent incapacity or old age, to carry out important personal functions yourself (e.g. eating, washing/bathing, going to the toilet...), and are you therefore sometimes – frequently or always dependent on the help of others, or is this not applicable?

If the answer is "frequently or always" or in the case of persons under 15 years of age, then go on to B 38!

B.37 To all persons of 15 years or older, who have answered question B 36 with "never" or "sometimes"

Are you unable, for health reasons, i.e. as a result of a chronic illness, permanent incapacity or for reasons of old age, to perform important activities of daily life (e.g. going shopping, preparing meals, doing the washing...) yourself and are you therefore sometimes – frequently or always dependent on the help of others, or is this not applicable?

| | | | |
|-------------|--------------------------------|-------------|----------------|
| B02* | Health Interview Survey | 2001 | Belgium |
|-------------|--------------------------------|-------------|----------------|

MB01. Do you suffer from one or more longstanding illnesses, chronic conditions or handicaps?

Yes

No

Don't know

No answer

MB02. From which longstanding illness(es), chronic condition(s) or handicap(s) do you suffer?

..... (open)

Mb03. Are you restricted in your daily activities due to this (these) illness(es), chronic condition(s) or handicaps?

Continually

At intervals

Not or seldom

Don't know

No answer

*** same question asked in Health Interview Survey- 1997 (B01)**

| | | | |
|------------|--------------------------------------|-------------|----------------|
| B03 | General Socio-Economic Survey | 2001 | Belgium |
|------------|--------------------------------------|-------------|----------------|

Do you suffer from one or more longstanding illnesses, chronic conditions or handicaps?

Yes

No

Don't know

No answer

If yes, are you restricted in your daily activities due to this (these) illness(es), chronic condition(s) or handicaps?

Continually

At intervals

Not or seldom

Don't know

No answer

| | | | |
|-----------------------|---------------|-------------|----------------|
| No code (Bc02) | Census | 2002 | Belgium |
|-----------------------|---------------|-------------|----------------|

Do you suffer from one or more longstanding illnesses, chronic conditions or handicaps?

Yes

No

Don't know

No answer

Are you restricted in you daily activities due to this (these) illness(es), chronic condition(s) or handicaps?

Continually

At intervals

Not or seldom

Don't know

No answer

| | | | |
|--------------|----------------------------|-------------|--------------------|
| CH02* | Swiss Health Survey | 2002 | Switzerland |
|--------------|----------------------------|-------------|--------------------|

13.00. Today there are a number of people who have a physical or a psychological problem that limits their daily activities. Do you have such a problem or an illness of this type which you have had for more than one year?

Yes

No

No response

* same questions were in Swiss Health Survey 1997 (CH01)

| | | | |
|-------------|--|-------------|----------------|
| D01* | Questions on Health - Microcensus | 1999 | Germany |
|-------------|--|-------------|----------------|

114. Is your handicap established by an official notice, or have you made an appropriate application?

Yes, by means of a ...

Notice of the public support and pensions office/official (war) invalid identity card/severely handicapped persons identity card ("1")

Other official notice (e.g. pension notice, administrative or court decision) ("2")

Both notice/identity card from the public support and pensions office etc. ("1") and also other official notice ("2")

Application made but no notice received yet

No, no officially established handicap

No information

* same questions asked in “Questions on Health - Microcensus - 2003” (D03)

| | | | |
|------------|--|-------------|----------------|
| D02 | Survey on living conditions, health and environment | 1998 | Germany |
|------------|--|-------------|----------------|

44. Apart from short illnesses: does your state of health prevent you from carrying out your day-to-day activities, for example, in the home, at work or in your training?

Not at all
A little
Considerably.

53. Do you have any disability, which is officially recognised by a pension office?

Yes
No

| | | | |
|------------|--|-------------|----------------|
| D05 | German National Health Examination and Interview Survey | 1998 | Germany |
|------------|--|-------------|----------------|

25. Do you have a disability which has been officially acknowledged by the appropriate body/pension office?

answer categories:

Yes
No

26. Since when has the disability been acknowledged? What is the degree of disability today?

Since 19 ...

Degree of disability ... %

| | | | |
|--------|--|------|---------|
| DK 02* | The Danish Health Interview and Morbidity Survey | 2000 | Denmark |
|--------|--|------|---------|

24. Do you suffer from any long-standing illness, long-standing after effect from injury, any disability or other long-standing condition?

Yes

No

(This question is repeated for max 4 illness)

24a. 1. illness:

Which illness or ailment do you suffer from?

Write which illness: ...

Where in your body is it located?

Write where in the body: ...

For how many years have you suffered from this illness/condition?

Write number of years : ...

Has a doctor told you what it is?

Yes

No

Are you restricted by the illness in your work/usual activities?

Yes, very much

Yes, a little

No

Do you suffer from any other long-standing illnesses?

Yes

No

* same questions asked in The Danish Health Interview and Morbidity Survey - 1994

| | | | |
|------------|--------------------------------|-------------|--------------|
| E02 | Health Interview Survey | 2001 | Spain |
|------------|--------------------------------|-------------|--------------|

1. Does some of people of the household need some type of special dedication for the fact of suffering a handicap or some limitation (**not being able to be alone at nights, to need help to go out in the street, personal hygiene, etc.**) to carry out with normality the activities of the family, social and labour life?

Yes

No

| | | | |
|------------|---|-------------|--------------|
| E04 | Impairments, Disabilities and Health Status Survey | 1999 | Spain |
|------------|---|-------------|--------------|

19. Does any person in the household have a handicap certificate issued by the National Social Services Institute or the respective Autonomous Community body as a result of suffering from a disability, problem or disease?

YES

NO

| | | | |
|-------------|--------------------------|-------------|---------------|
| EL01 | Population Census | 1991 | Greece |
|-------------|--------------------------|-------------|---------------|

5. Are there any persons with longstanding illnesses or handicaps living with you?

Yes

No

If yes,

Please indicate which person this concerns: ...

Please indicate the category of this longstanding illness or handicap : ... (open)

| | | | |
|-------------|--|-------------|---------------|
| EL02 | National Greek Survey: Psychological factors and Health | 1998 | Greece |
|-------------|--|-------------|---------------|

A28 Do you suffer from a physical disease or handicap?

No

Yes

A30A How long do you suffer from this disease?

Up to 6 months

7-12 months

1-2 years

2-4 years

5-7 years

8-10 years

More than 10 years

| | | | |
|------------|--|-------------|---------------|
| F02 | Handicaps, Disabilities and Dependency Survey | 1999 | France |
|------------|--|-------------|---------------|

AHANDI1. In everyday life, are you faced with either physical, sensorial, intellectual or mental difficulties? **(resulting from an accident, a chronic disease, a problem at birth, an invalidity, ageing)**

Yes

No

Will not answer

Does not know

HANDI3. Can you specify the origin of each disorder you have just mentioned?

...

| | | | |
|-------------|--|-------------|---------------|
| F09* | Health and Social Protection Survey | 2002 | France |
|-------------|--|-------------|---------------|

57. Do you suffer from a chronic disease or health problem?

Yes

No

Doesn't know

58. During at least six months, have you been limited in activities which people normally carry out due to a health problem?

Yes

No

Doesn't know

***the question asked in the previous survey (1998, Code F03) was: “What illness, health problems or disabilities are you currently suffering from?” indicate the exact name of the illness.**

| | | | |
|-------------|---|-------------|---------------|
| F12* | French survey on living conditions and aspirations | 2001 | France |
|-------------|---|-------------|---------------|

II. Do you suffer from a physical infirmity, handicap or chronic disease which will continue to affect you in the future?

Yes

No

Doesn't know

*** same question was asked in French survey on living conditions and aspirations – 1999 (F08)**

| | | | |
|-----------------|---------------------------|------|--------|
| No code (F1999) | Every day life and health | 1999 | France |
|-----------------|---------------------------|------|--------|

Is he/she restricted in the kind or amount of exercise he/she can do? (at home, work or school or any other occupation of his/her age such as travelling, games, sports, leisure activities)

Yes

No

| | | | |
|--------|---------------|------|---------|
| FIN 03 | Health Survey | 2000 | Finland |
|--------|---------------|------|---------|

BA02. Do you have some permanent or chronic illness or some defect, trouble or injury, which diminishes your working capacity or functional ability?

All chronic illnesses diagnosed by a doctor and all troubles which have lasted at least three months, which a doctor has not diagnosed, but which affect on the capability shall be mentioned.

Yes

No

| | | | |
|--------|--|------|---------|
| FIN 06 | Health Behaviour Survey among the Adult population | 2001 | Finland |
|--------|--|------|---------|

12. Are you receiving disability pension because of a disease or disability?

no

yes, partial pension

yes, temporary pension

yes, permanent pension

19. Do you have an illness or disability that affects your work and functional ability ?

no

yes

21. Do you have difficulty coping with everyday chores, job tasks or other demands of everyday life?

no difficulty coping

slight difficulty coping

a great deal of difficulty coping

I CANNOT COPE ON MY OWN

| | | | |
|----------------|-----------------------------------|-------------|----------------|
| FIN 07* | The National FinRisk Study | 2002 | Finland |
|----------------|-----------------------------------|-------------|----------------|

21. Do you receive disability pension for a disease or inability?

- no
- yes, partial disability pension
- yes, temporary disability pension
- yes, permanent disability pension

This question was included in the Empirical Matrix but it is not considered as General Measure because it refers to “disability pension”

*** same questions asked in The National FinRisk- 1997 (Fin02)**

| | | | |
|------------|---|------------------|--------------|
| I01 | Health Conditions and the Use of Health Services | 1999-2000 | Italy |
|------------|---|------------------|--------------|

3.1 Are you affected by a longstanding illness or a permanent disability that reduces your personal freedom till requiring help from other people for daily needs inside and outside the home?

- NO
- YES, intermittently, for some needs
- YES, continuously, or for important needs

| | | | |
|-------------|--------------------------------|-------------|--------------|
| I04* | Aspects of daily living | 2001 | Italy |
|-------------|--------------------------------|-------------|--------------|

5.2 Are you suffering from a chronic disease or a permanent disablement which reduces your personal freedom to the extent of requiring the assistance of other people for everyday needs at home or away from home?

- No
- YES, occasionally for some needs
- YES, continuously or for important needs

*** same question asked in “Aspects of daily living” 2000 (I03)**

| | | | |
|--------|---|------|---------|
| IRL03* | Survey of Lifestyle, Attitudes and Nutrition (SLÁN) | 2002 | Ireland |
|--------|---|------|---------|

A5. Is your daily activity or work limited by a long term illness, health problem or disability?

Yes

No

Do not have any of the above

*same question asked in “Survey of Lifestyle, Attitudes and Nutrition (SLÁN), 1998 (IRL01)

| | | | |
|--------|--------------------------|------|---------|
| IRL04* | Living in Ireland Survey | 2001 | Ireland |
|--------|--------------------------|------|---------|

L2. DO YOU HAVE ANY CHRONIC, PHYSICAL OR MENTAL HEALTH problem, illness or disability?

Yes

No

L3a. What is the nature of this illness or disability?

...

L3b. Since when have you had this illness or disability?

... months ... years

L3c. Are you hampered in your daily activities by this physical or mental health problem, illness or disability?

Yes, severely

Yes, to some extent

No

*same questions were enclosed in “Living in Ireland Survey”, 2000 (IRL02)

| No Code (IrlC02) | Census | 2002 | Ireland |
|---|---|---------|---------|
| 14. Do you have any of the following long-lasting conditions: | | | |
| a) Blindness, deafness or a severe vision or hearing impairment? | | Yes | No |
| b) A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting or carrying? | | Yes | No |
| 15. Because of a physical, mental or emotional condition lasting 6 months or more, do you have any difficulty in doing any of the following activities? | | | |
| Answer (a) and (b) if aged 5 years or over | | | |
| a) Learning, remembering or concentrating? | | Yes | No |
| b) dressing, bathing or getting around inside the home? | | Yes | No |
| Answer (c) and (d) if aged 15 years or over | | | |
| c) going outside the home alone to shop or visit a doctor's survey? | | Yes | No |
| b) working at job or business | | Yes | No |
| IS02 | Health and Living Conditions in Iceland | 1989-99 | Iceland |

10. How difficult is it usually for you to carry out these activities?

Very difficult
 Rather difficult
 Slightly difficult
 Not at all difficult

eat
 get dressed
 start moving around
 go up stairs
 leave the house
 handle work
 handle work of the home

| IS03 | Health and lifestyle | 2001 | Iceland |
|------|----------------------|------|---------|
|------|----------------------|------|---------|

Has health failure caused you to ...

Yes

No

... require assistance with personal needs such as eating, dressing or moving around at home?
 ... have to be helped with daily needs such as household chores, errands and shopping?
 ... have less independence or participation in society?

| | | | |
|------------|--|-------------|-------------------|
| L02 | Socio-Economic Panel Living in Luxembourg | 2001 | Luxembourg |
|------------|--|-------------|-------------------|

12. Suffers from a handicap on 31/12/2000

Yes

No

13. If yes, which handicap?

Motoric

Sensorial

Mental

Chronic disease

Combination

| | | | |
|------------|--|-------------|---------------|
| N01 | Survey on Living Conditions | 1998 | Norway |
|------------|--|-------------|---------------|

H2.a Do you suffer for any illness or disorder of a more long-term nature, any congenital disease or effect of an injury? We are referring to difficulties/limitations of a more long-term nature. The term 'long-term nature' refers to a situation that has lasted or is expected to last for 6 months or more.

Yes? What kind

No ?

H2.b What type of illness, injury or disorder do you have?

H2.c When did you incur the illness, injury or disorder?

in the past 14 days

earlier in 1998, which month?

prior to 1998, which year?

congenital

don't remember

H2.d Is the health problem you mentioned an illness or an

injury?

illness

injury

**H2.e Have you any other illnesses of a long-term nature,
congenital illness or injury?**

YES ? What kind

NO ?

**H4.a Have you any disabilities that you still haven't
mentioned?**

YES ? What kind

NO ?

H4.b What kind of disability?

....

H4.d Is the health problem you mentioned an injury?

yes

no

H4.e Have you any other disability?

YES ? What kind

NO ?

H29. Owing to permanent health problems or disabilities,
have you:

had trouble getting out of your dwelling on your own
not possible
extremely difficult
somewhat difficult
not difficult

had trouble participating in recreational activities
not possible
extremely difficult
somewhat difficult
not difficult

had trouble using public transportation
not possible
extremely difficult
somewhat difficult
not difficult

had trouble establishing contact with or talking to other
people
not possible
extremely difficult
somewhat difficult
not difficult

had trouble doing your job
not possible
extremely difficult
somewhat difficult
not difficult

| | | | |
|-------------|--|-------------|------------------------|
| NL02 | Second National Study on Morbidity and use of health services | 2001 | The Netherlands |
|-------------|--|-------------|------------------------|

GEZV67 And what about your day-to-day activities?
(with reference to CARD 22C)

- I have no difficulties in my day-to-day activities
- I have some difficulties in my day-to-day activities
- I am unable to carry out my day-to-day activities

| | | | |
|--------------|---|-------------|------------------------|
| NL03* | Continuous survey on living conditions | 2001 | The Netherlands |
|--------------|---|-------------|------------------------|

Do you suffer from any longstanding illness, disorders or handicaps?

- Yes
- No

If the respondent is under 12 years old:

Is your child because of this limited in activities in school, in other activities which are normal for a child of his age?

- Severely limited
- Moderate limited
- Not limited

If the respondent is over 12 years old:

To what degree are you limited because of this in daily activities at home?

- Severely limited
- Moderate limited
- Not limited

For all respondents

To what degree are you limited because of this at school or at work?

- Severely limited
- Moderate limited
- Not limited

To what degree are you limited because of this in leisure time activities, sports or travelling?

- Severely limited
- Moderate limited
- Not limited

| | | | |
|------------|-----------------------|-------------|-----------------|
| P04 | General Census | 2001 | Portugal |
|------------|-----------------------|-------------|-----------------|

Do you have any kind of disability?

No
Yes

If yes, please indicate the kind of disability you have:

Hearing
Visual
Mobility
Mental
Cerebral Palsy
Other kind of disability

8.1 Did any competent authority attribute to you a degree of incapacity as a result of the impairment or disability indicated in the previous question?

No
Yes

If yes, please indicate the degree:

Less than 30 %
between 30 and 59 %
between 60 and 80 %
Higher than 80 %

| | | | |
|------------|---------------------------------|-------------|---------------|
| S02 | Living conditions Survey | 2001 | Sweden |
|------------|---------------------------------|-------------|---------------|

42. Do you suffer from any long-term illness, after-effects from an accident, disability or other ailment?

NO

YES

55. Do you need help with the following activities

NEED MANAGE

HELP ONESELF

a) ... cleaning?

b) ... buying food?

c) ... cooking?

d) ... laundry?

e) ... take a bath or shower ?

f) ... to get up or go to bed?

g) Who provides you with assistance)?

How often do you receive help from ?

EVERY DAY

AT LEAST ONCE A WEEK

MORE SELDOM

NO HELP

| | | | |
|------|------------------------------------|------|----------------|
| UK02 | Health Education Monitoring Survey | 1998 | United Kingdom |
|------|------------------------------------|------|----------------|

16. Do you have any long-standing illness, disability or infirmity?

By long-standing I mean anything that has troubled you over a period of time or that is likely to affect you over a period of time

Yes

No

18. Does this illness or disability (Do any of these illnesses or disabilities) limit your activities in any way?

Yes

No

| | | | |
|------|------------------------------|------|----------------|
| UK11 | The General Household Survey | 2001 | United Kingdom |
|------|------------------------------|------|----------------|

02. Do you have any long-standing illness, disability or infirmity?

By long-standing, I mean anything that has troubled you over a period of time or that is likely to affect you over a period of time.

Yes

No

07. Does this illness or disability (Do any of these illnesses or disabilities) limit your activities in any way?

Yes

No

| | | | |
|------|--------|------|----------------|
| UK15 | Census | 2001 | United Kingdom |
|------|--------|------|----------------|

Do you have any long term illness, health problems or disability which limits your daily activities or work that you can do ? **include problems which are due to old age.**

Yes No

| | | | |
|---------------|----------------------------------|------|---------|
| No Code (H01) | National Health Interview Survey | 2000 | Hungary |
|---------------|----------------------------------|------|---------|

The next questions will ask you about what limitations does your general state of health impose on you. Please do not include here any illness that lasts over a short period of time only, such as flu.

10. In general, are you able to ... without difficulty, with some difficulty, or only with somebody to help you?

- ...get in and out of bed...
- ...get in and out of a chair...
- ...dress and undress...
- ...wash hands and face...
- ...eat, including cutting up the food...
- ...use the toilet...

- Without difficulty
- With difficulty
- Only with help
- Does not know
- Refused

14. Do you have any condition or disease that limits you in your usual activities, such as working, shopping, taking care of day-to-day things, exercising, meeting other people?

- Yes
- No
- Does not know/Not sure
- Refused

(only in the self-administered questionnaire:)

Please choose the statement that best describes your own health TODAY!

3. Usual activities (e.g. work, studies, housework, family or recreational activities)

- I have no problems with performing my usual activities
- I have some problems with performing my usual activities
- I am unable to perform my usual activities

(mental disorders:)

27. Now I will ask you about how you felt mentally and emotionally during the past TWO WEEKS.

27_1 Did you, in the past two weeks, loose sleep because you were unable to get asleep, or woke up several times during the night, or woke up early and couldn't get back to sleep?

27_2 Have you in the past 2 weeks, felt under strain for several days in a row?

- Not at all
- Yes, but not more than usual
- Rather more than usual
- Yes, much more than usual
- Does not know/not sure
- Refused

27_3 In the past 2 weeks, have you been able to concentrate on whatever you were doing?

27_4 In the past 2 weeks, have you felt that what you were doing is useful?

27_5 In the past 2 weeks, have you been able to overcome your difficulties?

More than usual
Just as usual
Less than usual
Much less than usual
Does not know
Refused

27_6. In the past two weeks, have you been able to take decisions?

27_7. In the past 2 weeks, have you felt you couldn't overcome your difficulties?

Not at all
Yes, but not more than usual
Rather more than usual
Yes, much more than usual
Does not know/not sure
Refused

27_8. In the past 2 weeks, have you been feeling reasonably happy, all in all?

27_9. In the past 2 weeks, have you been able to enjoy your everyday activities?

More than usual
Just as usual
Less than usual
Much less than usual
Does not know
Refused

27_10. In the past two weeks, have you been feeling unhappy or depressed?

27_11. In the past 2 weeks, have you been losing confidence in yourself?

27_12. In the past 2 weeks, have you been thinking of yourself as a worthless person?

Not at all
Yes, but not more than usual
Rather more than usual
Yes, much more than usual
Does not know/not sure
Refused

| | | | |
|---------------|-------------------|------|---------|
| No code (H02) | Population census | 2001 | Hungary |
|---------------|-------------------|------|---------|

25.1 What deficiencies do you have? Please mark three deficiencies maximum.

- No deficiency
- Deficiency in movement
- Lack of lower, upper limb
- Other physical deficiency
- Mental deficiency
- Hard of hearing
- Deaf
- Defective speech
- Dumb
- Deaf and dumb
- Hard of seeing
- Blind in one eye
- Blind
- Other
- Do not wish to answer

Please mark three deficiencies maximum.

| | | | |
|---------------|---------------------|------|---------|
| No code (H03) | Labour Force Survey | 2002 | Hungary |
|---------------|---------------------|------|---------|

0. Have you got any longstanding health problem or disability?
- Yes
 - No
 - Does not know

Following questions were asked providing that answer was "Yes".

1. What type of health problem or disability do you have which has been hindering normal way of living during the past 6 months or will hinder it expectedly during the next at least 6 months?
(In case of having more than one problem, please state the most serious one.)
- Problem with arms or hands (missing)
 - Locomotor problem (problem with legs or feet)
 - Problem with back or neck
 - Weak sight that can not be corrected sufficiently with glasses or contact lenses (blindness)
 - Hearing defect that can not be corrected sufficiently with hearing aids or grommets (deafness)
 - Serious speech impediment
 - Deaf-mutness
 - Cutaneous disease, allergy (eg. eczema)
 - Respiratory problem, asthma, bronchitis
 - Heart, blood pressure or circulation problem
 - Stomach, liver, kidney or digestive problem
 - Diabetes
 - Epilepsy
 - Mental or nervous system problem
 - Other permanent disease (including cancer, HIV, Parkinson's disease etc.)
 - Other longstanding health problem, permanent disability, namely:...

5. Does your health problem or disability hinder you in working?

Yes

No

Does not know

6. Does your health problem or disability restrict the amount of work you can do or the number of hours or days you can work?

Yes

No

Does not know

7. Does your health problem or disability hinder you in getting to and from work?

Yes

No

Does not know

Q8-9 refer only to persons with a present job!

8. Do you get any type of assistance mentioned below at work?

(Maximum 3 answers are possible to be checked in order of priority.)

Can carry out special work regarding the disability

Can work in shortened working time

Less work than the average is expected to be carried out

Gets help in access to work

Can work at home

Have special equipment(s) at the workplace

Gets special attention or help from superiors and from colleague

Gets other type of help, namely:...

Not any help is provided

Does not know

10. Do you need any type of assistance to carry out work or to take on work?

(In case of working person: Would you need any further type of assistance which was not checked at Q 8?)

Yes

No

Does not know

11. What type of assistance would you need to work?

(Maximum 3 answers are possible to be checked in order of priority.)

type of work formed with regard to the disability

Altered or shortened working hours and/or reduced work intensity

Assistance to get to and from work

Opportunity to work at home

Equipments helping mobility at work place

Support and understanding by superiors and colleagues

Special, protected or supported work place provided

Other, namely:...

| | | | |
|---------------|-----------------|-----------|---------|
| No code (H04) | Time-use Survey | 1999-2001 | Hungary |
|---------------|-----------------|-----------|---------|

IV. Health conditions

1. How many persons live in your household who have
 - Handicap, but not permanent illness
 - Have permanent illness, but do not have handicap
 - Have permanent illness and handicap
 - Have reduced working possibilities because of permanent illness or handicap
 (permanent illness: registrated by a doctor, lasting more than 3 months)

Q2-3 refer only to persons with handicap!

2. What kind of handicap do you have?
 - Physically handicapped
 - Absence of hands
 - Absence of legs
 - Other physical handicap
 - Mentally handicapped
 - Defect of hearing
 - Defect of speak
 - Mute
 - Deaf-mute
 - Defect of eyesight
 - Blind for one eye
 - Blind
 - Other

Q4 refers only to persons with permanent illness!**4. What kind of permanent illness do you have?*****Q6 refers only to persons with handicap!***

5. In what the person is handicapped due to illness or handicap?
 - Self-catering
 - Working ability
 - Everyday life, transport
 - Spending spare time
 - No handicap

6. Degree of disablement according to the doctor

List of General Measure Questions from European Surveys

Survey on Income and Living Conditions SILC (The Minimum European Health Module - MEHM)

1. How is your health in general?

Very good

Good

Fair

Bad

Very bad.

2. Do you have any long-standing illness or health problem?

Yes/No

3. For at least the past 6 months, have you been limited in activities people usually do because of a health problem?

Yes, strongly limited

Yes, limited

No, not limited

European Community Household Panel (1994-2001)

Questions 158 and 159 can be seen as a ‘disability screener’

Part of the Health section in ECHP:

P053390 Q157:

How is your health in general?

Very good1

Good.....2

Fair.....3

Bad.....4

Very bad5

Missing.....9

P053400 Q158:

Do you have any chronic physical or mental health problem, illness or disability?

Yes1 **PP053410**

No2 **PP053420**

Missing.....9 PP053420

P053410 Q159:

Are you hampered in your daily activities by this physical or mental health problem, illness or disability?

Yes, severely.....1

Yes, to some extent.....2

No3

Missing.....9

European Labour Force Survey 2002

Reference question for screening the respondents for the module on ‘employment of disabled people’, 2002

Do you have any longstanding health problem or disability?

Yes

No

(If no: end module)
