

ANNEX I

Household Budget Survey data collection methodology

**HOUSEHOLD BUDGET SURVEYS
METHODOLOGY / GENERAL INFORMATION I**

COUNTRY	BELGIUM	FRANCE*	GREECE
Survey years	1987-1988 1996-1997 1999	1985 1991 1995	1981-82 1987-88 1998-99
Response date	1/5/87-30/4/88 1/6/96-31/5/97 1/1/99-31/12/99	One year	1981-2: November 1981 – October 1982 1987-8: November 1987 –October 1988 1998-9: November 1998 – October 1999
Sample size (households)	1987-88: 3,235 1996-97: 2,041 1999: 3,745	1995: 9,634	1981-2: 6,034 1987-8: 6,489 1998-9: 6,258
Response rate	1987-88: 11 % 1996-97: 30 % 1999: 75%	1995: 80	1981-2: 88 % 1987-8: 85 % 1998-9: 69%
Sampling frame	1987-88: sub-sample stratified by socio-professional class and region, taken from the regional randomly sampled households in a foregoing socio-economic nationwide inquiry 1996-97: 35,000 households from the Labour Forces Survey of 1993 and out of those, only 11.500 households have been actually contacted. 1999: Selected on basis of those 61,264 households contacted for the Survey of Budget-time 1998.	1995: random sample	1981-2 : Census 1971 1987-8 : Census 1981 1998-9 : Census 1991
Sample design	1987-88: Random sampling combined with stratification by region and socio-professional class 1996-97: Stratified random sampling 1999: Based on the National Register, four step-stratified sampling	1995: two steps (two steps: geographical area, household)	1981-2 and 1987/88: Multistage stratified random sampling 1998/9: Two-stage stratified random sampling

* Missing information on the data collected in 1985 and 1991 are expected

**HOUSEHOLD BUDGET SURVEYS
METHODOLOGY / GENERAL INFORMATION II**

COUNTRY	BELGIUM	FRANCE*	GREECE
Definition of a sample unit	Household: person or group of persons, with or without family relations, living together under the same roof, sharing the same food and putting partly their financial means together.	1995: household (ordinary)	Household: one person living alone (single-person household) in a dwelling, or a group of persons, whether or not related (multi-person household) occupying the same dwelling, with common housekeeping and generally eating together. Persons living in the same dwelling but with no common housekeeping and not eating together were deemed to be separate households, provided each person had the exclusive use of one room
One-person household included	Yes	1995: yes	yes
Households excluded from HBS	Collective households. In the 1996-97 survey, households with consumption different from the average (very rich, very poor), households not registering food aid and the German community have not been taken into account.	1995: collectivities	All private households throughout the country covered, irrespective of their size or socio-economic characteristics. The following were excluded from the survey: <ul style="list-style-type: none"> • institutional households of all types; • households with more than three lodgers; • households with foreign nationals serving in foreign diplomatic missions.
Handling of refusals	1987-88, 1996-97, 1999: sample weighted by extrapolation factors 1987-88: A study of characteristics of non-respondents was undertaken	1995: no	Households not entering the survey were replaced by other with similar characteristics
Number of regions	3	1995: 8	1981-2 and 1987-8: 9 1998-9: 4
People paid to participate	Yes	1995: no	no
Cost of the survey	1987-88: 300million BEF 1996-97, 1999: N/A	N/A	1987-1988: 100 million GDR 1998-1999: 180 million GDR

* Missing information on the data collected in 1985 and 1991 are expected

HOUSEHOLD BUDGET SURVEYS

SPECIFIC INFORMATION REGARDING DATA COLLECTION I

COUNTRY	BELGIUM	FRANCE*	GREECE
Food data	yes		yes
Techniques for collecting food availability data	Food records	1985 & 1991: 7 days record 1995: 14 days record	food accounts diary
Recording period for food	1987-88: 1 year 1996-97: One-year food records for expenses > 1,000 BEF + 1 month recording of all commodities 1999: 1 month intensive + 3 months retrospectively for bulk expenses.	1985 & 1991: 7 days 1995: 14 days	1981-2 and 1987-8: 7 days 1998-9: 14 days
Capturing of seasonal variability	yes	1995: yes	yes
Household income data	yes	1995: yes	yes
Socio demographic information	yes	1995: income, occupation	yes
Number of food groups/ items included in the questionnaire	1987-88: 221 items 1996-97: 276 items 1999: 279 items	1995: 300	open questionnaire
Number of food groups/ items recorded in values	1987-88: 180 food items 1996-97: 276 items 1999: 279 items	1995: 300	1981-2: 128 1987-8: 129 1998-9: 136
Number of food groups/ items recorded in quantities	1987-88: 221 food items 1996-97: recorded in values only 1999: recorded in values only	1995: 0	1981-2: 73 1987-8: 88 1998-9: 127
Number of food groups/ items presented in the published data	1987-88: 221 1996-97: 276 items 1999: 279 items	1995: 36	1981-2: 58 1987-8: 61 1998-9: 68

* Missing information on the data collected in 1985 and 1991 are expected

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION II**

COUNTRY	BELGIUM	FRANCE*	GREECE
Aggregation of food items made before or after data collection	after	1995: no	after
Number of non-aggregated food groups stored	1987-88: 221 1996-97: 276 1999: 279	1995: 300	
Alcoholic beverages included in quantities	no	1995: no	1981-2 and 1987-8: no 1998-1999: yes
Alcoholic beverages included in values	yes	1995: yes	yes
Tea, coffee, stimulants included in quantities	no	1995: no	1981-2: no 1987-8 and 1998-9: yes
Tea, coffee, stimulants included in values	yes	1995: yes	yes
Consumption of own production of food recorded	yes	1995: yes	yes

* Missing information on the data collected in 1985 and 1991 are expected

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION III**

COUNTRY	BELGIUM	FRANCE*	GREECE
Information concerning women in pregnancy recorded	No	1995: no	no
Information concerning women in lactation recorded	No	1995: no	no
Meals of guests included	Yes	1995: yes	1981-2: no 1987-8 and 1998-9: no
Handling of waste and losses within the household recorded	1987-88: yes 1996-97, 1999: no	1995: no	no
Handling of foods given to pets recorded	No	1995: yes	1981-2: yes 1987-8 and 1998-99: recorded under special code
Special handling of food stocks	no	1995: no	1981-1982: no 1987-8 and 1998-9: for certain foods
Special handling of large food purchases	1987-88: no 1996-97: Record of expenditures > 1000 BEF 1999: Retroactive questionnaire for bulk purchases, over the previous three months	1995: no	yes
Household living conditions recorded	yes	1995: yes	yes
Information regarding use of vitamin and mineral supplements recorded	1987-88: no 1996-97, 1999: yes	1995: no.	no

* Missing information on the data collected in 1985 and 1991 are expected

HOUSEHOLD BUDGET SURVEYS
OTHER INFORMATION REGARDING THE HOUSEHOLD BUDGET SURVEYS

COUNTRY	BELGIUM	FRANCE*	GREECE
Extent of difference between the recorded food availability in the HBS and in the National Accounts (NAC) (%)	1987-88: N/A 1996-97, 1999: similar trend observed	-	1981-1982: - 1987-1988: 14% though not directly comparable 1998-1999: -
% proportion of meal expenditure outside home	1987-88: 23 % 1996-97: 19 % 1999: 24 %	1995: 18%	1981-1982: - 1987-1988: 20.7% 1998-1999: 50,8%
% proportion from own production	1987-88: 3 % 1996-97, 1999: N/A	1995: no	1981-1982: 9,3% 1987-1988: 8% 1998-1999: 7,1%
Nutrient conversion factors	no	1995: National Food Table CIQUAL	no
Undertaking nutritional analyses	no	1995: no	no
Frequency of HBS	Yearly	5 yrs	Every 5 years

* Missing information on the data collected in 1985 and 1991 are expected

**HOUSEHOLD BUDGET SURVEYS
METHODOLOGY / GENERAL INFORMATION I**

COUNTRY	IRELAND	ITALY	NORWAY
Survey years	1987 1994-1995 1999-2000	1990 1993 1996	1986, 1987, 1988 1992, 1993, 1994 1996, 1997, 1998
Response date	1987: Feb 87 and April 88 1994: May 94 and July 95 1999: June 99 to July 00	All year	Data is collected for the whole year
Sample size (households)	1987: 7,705 1994: 7,877 1999: 7,644	1990: 33,172 1993: 34,273 1996: 22,740	1986-1988: 7724 1992-1994: 6518 1996-1998: 6504
Response rate	1987: 60% 1994: 59% 1999: 55%	1990: 89% 1993: 93% 1996: -	1986-1988: 57% 1992-1994: 62% 1996-1998: 57%
Sampling frame	1986 Labour Force Survey 1993 Labour Force Survey 1999: Census of Population 1996	Resident households in the country	1986-1988: All private household in the country 1992-1994: All private household in the country 1996-1998: Persons (0-80 yrs) living in private households. Limited to certain geographical clusters.
Sample design	Stratified cluster	Two stages stratified sample	1986-1988: Three-stage stratified sample 1992-1994: Three-stage stratified sample 1996-1998: Random sample in geographical clusters
Definition of a sample unit	Private households	Household: person or group of persons, related or not, sharing the same dwelling and having common financial interests	1986-1988: Private households 1992-1994: Private households 1996-1998: A household is defined as persons having a common dwelling and sharing at least one meal per day
One-person household included	yes	yes	yes

**HOUSEHOLD BUDGET SURVEYS
METHODOLOGY / GENERAL INFORMATION II**

COUNTRY	IRELAND	ITALY	NORWAY
Households excluded from HBS	Non private households	Institutionalized people/households	1986-1988: Institution 1992-1994: Institutions 1996-1998: Communes, institutions and households with head older than 79 yrs.
Handling of refusals	Household substitution	Substitution	1986-1988: Groups of households with a high non- response rate are weighted up 1992-1994: Groups of households with a high non- response rate are weighted up 1996-1998: Groups of household with a high non response rate are weighted relatively more in estimating average figures
Number of regions	8	20	6
People paid to participate	IR£ 8 for each person over the age of 15 years, participating in the survey (1987/ 1994) IR£10 paid in 1999	No	Yes
Cost of the survey	1987: IR£ 1.3 m 1994: IR£ 1.5 m approx. 1999: IR£ 2 m approx.	N/A	1986-1988: 2 million NOK per survey year 1992-1994: 2.5 million NOK per survey year 1996-1998: 262,000 EUR per survey year

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION I**

COUNTRY	IRELAND	ITALY	NORWAY
Food data	yes	yes	yes
Techniques for collecting food availability data	Expenditure diaries	Daily food diaries	1986-1988: Food accounts 1992-1994: Food accounts 1996-1998: Food accounts
Recording period for food	14 days	10 days	14 days
Capturing of seasonal variability	yes	Survey is continuous all over the year	Data is collected through the whole year
Household income data	yes	Yes	Yes
Sociodemographic information	yes	Yes	Yes
Number of food groups/ items included in the questionnaire	Recorded in diaries, not in a questionnaire	1990: 44 1993, 1996: 59	1986-1988: Recorded in diaries, not in a questionnaire 1992-1994: Recorded in diaries, not in a questionnaire 1996-1998: Recorded in diaries, not in a questionnaire
Number of food groups/ items recorded in values	121	1990: 44 1993, 1996: 59	1986-1988:271 1992-1994:240 1996-1998:218
Number of food groups/ items recorded in quantities	1987: 12 1994: 13 1999: 13	1990: 44 1993, 1996: 59	1986-1988:271 1992-1994:240 1996-1998:218
Number of food groups/ items presented in the published data	121	15	1986-1988:173 1992-1994:165 1996-1998:172

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION II**

COUNTRY	IRELAND	ITALY	NORWAY
Aggregation of food	After	Before	1986-1988: After

items made before or after data collection			1992-1994: After 1996-1998: After
Number of non-aggregated food items stored	1987: 134	1990: 44 1993, 1996: 59	1986-1988:271 1992-1994:240 1996-1998:242
Alcoholic beverages included in quantities	no	Yes	Yes
Alcoholic beverages included in values	yes	Yes	Yes
Tea, coffee, stimulants included in quantities	no	Yes	Yes
Tea, coffee, stimulants included in values	yes	Yes	Yes

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION III**

COUNTRY	IRELAND	ITALY	NORWAY
Consumption of own production of food recorded	yes	yes	yes
Information concerning women in pregnancy recorded	no	no	no
Information concerning women in lactation recorded	no	no	no
Meals of guests included	yes	no	1986-1988: No 1992-1994: No 1996-1998: No
Handling of waste and losses within the household recorded	no	no	1986-1988: Not measured 1992-1994: Not measured 1996-1998: Not measured
Handling of foods given to pets recorded	coded under pet costs	no	1986-1988: Purchases specified as pet food is handled separately. Food given to pets is included in food consumption figures 1992-1994: Counted on pet expenditures 1996-1998: Purchases specified as pet food is handled separately. Food given to pets is included in food consumption figures
Special handling of food stocks recorded	no	no	1986-1988: No 1992-1994: No 1996-1998: stocks for own use are measured
Special handling of large food purchases	no	no	1986-1988: No 1992-1994: No 1996-1998: All purchases are handled equally
Household living conditions recorded	yes	yes	Yes
Information regarding use of vitamin and mineral supplements recorded	recorded in the expenditure diaries	no	No

HOUSEHOLD BUDGET SURVEYS
OTHER INFORMATION REGARDING THE HOUSEHOLD BUDGET SURVEYS

COUNTRY	IRELAND	ITALY	NORWAY
Extent of difference between the recorded food availability in the HBS and in the National Accounts (NAC) (%)	N/A	N/A	1986-1988: N/A 1992-1994: N/A 1996-1998: NAC shows higher expenditures for food
% proportion of meal expenditure outside home	1987: 11 1994: 15 1999: 20	1990: 4.8 1993: 4.4 1996: 4.1	1986-1988: 13.8 1992-1994: 18.0 1996-1998: 24.8
% proportion from own production	1987: 2 1994: 0.8 1999: 0.4 **	1990, 1993: indicated, for specific food groups, in ISTAT Publications 1996: Not published	1986-1988: N/A 1992-1994: N/A 1996-1998: approx. 2.0
Nutrient conversion factors	no	No	Based on the Norwegian Food Composition Tables
Undertaking nutritional analyses	no	No	1986-1988: Yes 1992-1994: Yes 1996-1998: Yes
Frequency of HBS	Every 5 years	Annual	Yearly

N/A : Not available

** taken as a proportion of total food expenditure.

**HOUSEHOLD BUDGET SURVEYS
METHODOLOGY / GENERAL INFORMATION I**

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Year of the most recent survey	1989-1990 1994-1995	1980-1981 1990-1991 1998-1999	1985/1986/1987/1988/1989/1990/ 1991/1992/1993/1994/1995/1996/1997/1998/1999
Response date	6/3/89 - 5/3/90 10/10/94 - 8/10/95	During one year (1980-81 & 1998-99) April 1990 – March 1991	1985/1986/1987/1988/1989/1990/ 1991/1992/1993/1994/1995/1996/1997/1998/1999
Sample size (households)	1989-90: 12,403 1994-95: 10,554	30331 / 21155 / 14644	13,415/ 13,491/ 13,415/ 13,188/13,292/ 12,238/12,238/12,309/8,043/ 12,353/12,362/ 12,038/ 9,279/ 10,416/ 9,439.
Response rate (%)	1989-90: N/A 1994-95: 77.3	1990-1: 54.3	53/51/53/56/58/59/58/61/65/63/66/66/65/65/ 5/ 65.
Sampling frame	CENSUS 1981 CENSUS 1991	Nation –wide/ census / nation-wide	Post codes
Sample design	1989-1990:Two staged probabilistic method 1994-1995:Three staged probabilistic method	1990-1991: two stage stratified random sampling	Three stage stratified random sample
Definition of a sample unit	Private households	Household: person or group of persons occupying a principal family dwelling or part of it, and consuming and / or sharing food and other commodities as part of one and same budget	Household
One-person household included	yes	yes	yes

** Missing information on the data collected in 1980-81 and 1998-99 are expected

HOUSEHOLD BUDGET SURVEYS

METHODOLOGY / GENERAL INFORMATION II

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Household excluded from HBS	Institutional (not private) households	Collective households	None
Handling of refusals	List of extra private households for substitution		Without replacement
Number of regions	7	1980-1981: 50 1990-1991 & 1998-1999: 17	1985-95: 10, covering England, Scotland and Wales. 1996-99: 11, covering England, Scotland, Wales and Northern Ireland.
People paid to participate	no	1980-1981 & 1998-1999: No 1990-1991: Yes	No
Cost of the survey	N/A	1980-1981: > 7228915 Euros 1990-1991: 625 million pesetas	1985-87: approx. 800,000 pounds 1990-95: approx. 900,000 pounds 1996-99: approx. 950,000 pounds

** Missing information on the data collected in 1980-81 and 1998-99 are expected

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION I**

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Food data	yes	Yes	yes

Techniques for collecting food availability data	Daily, self-recorded purchases of each individual in the household	1990-1991: For the recording of daily expenses individual diaries are used for one week. The valuation criterion for all purchases is the actual payments of HH during the reference period	1985-1992: Household food acquisition diary 1992 - 1999: Household food acquisition diary, plus individual food diaries for foods eaten outside the home.
Recording period for food	1989-1990: 7 days 1994-1995: 14 days	7 days	7 consecutive days
Capturing of seasonal variability	yes	Yes	yes
Household income data	yes	Yes	yes
Socio-demographic information	yes	Yes	yes
Number of food groups/ items included in the questionnaire	Open ended: all foods recorded	1980-1981 & 1998-1999: Open questionnaire. All foods are recorded and aggregated afterwards 1990-1991: 257	260
Number of food groups/ items recorded in values	489	1980-81: 28	260
Number of food groups/ items recorded in quantities	489	1980-1981 & 1998-1999: 250 1990-1991:178	260
Number of food groups/ items presented in the published data	13 groups (51 sub-groups)	1980-81: 231 1990-1991: 257	1985-1994: 45 1994-1995:50 food groups plus 9 for soft drinks, alcohol and confectionery 1996-1999: 53 food groups plus 9 for soft drinks, alcohol and confectionery

** Missing information on the data collected in 1980-81 and 1998-99 are expected

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION II**

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Aggregation of food groups /items made before or after data collection	After	1980-1981 & 1998-1999: After 1990-1991: Before	After
Number of non-aggregated food items/ groups stored	489		
Alcoholic beverages included in quantities	yes	Yes	no
Alcoholic beverages included in values	yes	Yes	no
Tea, coffee, stimulants included in quantities	yes	Yes	yes
Tea, coffee, stimulants included in values	yes	Yes	yes

** Missing information on the data collected in 1980-81 and 1998-99 are expected

**HOUSEHOLD BUDGET SURVEYS
SPECIFIC INFORMATION REGARDING DATA COLLECTION III**

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Consumption of own production of food recorded	yes	Yes	yes
Information concerning women in pregnancy recorded	no	1980-1981 & 1998-1999: Yes 1990-1991: No	yes
Information concerning women in lactation recorded	no	1980-1981 & 1998-1999: Yes 1990-1991: No	yes
Meals of guests included	Yes (but information not available)	Yes	yes
Handling of waste and losses within the household recorded	no		Estimated at 10%
Handling of foods given to pets recorded	1989-1990: Not known 1994-1995: No	Not recorded	no
Special handling of food stocks recorded	no	1980-81: No 1990-1991: No 1998-99: inventory of great purchases	no
Special handling of large food purchases	no	Yes	no (large freezer and bulk purchases were handled differently up until 1989)
Household living conditions recorded	yes	Yes	yes
Information regarding use of vitamin and mineral supplements recorded	no	no	no

** Missing information on the data collected in 1980-81 and 1998-99 are expected

**HOUSEHOLD BUDGET SURVEYS
OTHER INFORMATION REGARDING THE HOUSEHOLD BUDGET SURVEYS II**

COUNTRY	PORTUGAL	SPAIN**	UNITED KINGDOM
Extent of difference between the recorded food availability in the HBS and in the National Accounts (NAC) (%)	Never been calculated	Not available	Approximately 25%
% proportion of meal expenditure outside home	1989-1990: 25 1994-1995: 28	1990-1991: 16.06	
% proportion from own production	N/A	1990-1991: 2.17%	< 1%
Nutrient conversion factors	no		In-house nutrient conversion factors based on McCance & Widdowson's food composition tables, and manufacturer's and market data
Undertaking nutritional analyses	no	-	In-house statistical support
Frequency of HBS	5 yrs	Approx. 10 yrs	Annual

** Missing information on the data collected in 1980-81 and 1998-99 are expected

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