

**Annex D**

**Overview nation-wide3 food consumption surveys with nutrient intake data on an individual level**

**Annex D:** Overview nation-wide food consumption surveys with nutrient intake data on an individual level from 1985 onwards<sup>1,2</sup>

Country	Year	Survey	Population		Sample size response (%)	Dietary method <sup>a</sup>	Food composition data	Reference
			Sex	Age				
Austria	1991-1994	Austrian Study on Nutritional Status (ASNS)	F+M	6-18	2,173	7d Rcd	Austrian food composition database	Elmadfa et al, 1994
Austria	1993-1997	Austrian Study on Nutritional Status (ASNS)	F+M	19-65	2,065	24h Rcl, DH	Austrian food composition database	Elmadfa et al, 1999
Austria	1994-1997	Austrian Study on Nutritional Status (ASNS)	F F	pregn. lact.	350 43	7d Rcd 3d Rcd	Austrian food composition database	Elmadfa et al, 1999
Austria	1995, 1998	Austrian Study on Nutritional Status (ASNS)	F+M	Elderly	78	7d Rcd	Austrian food Composition database	Elmadfa et al, 1999
Belgium	1980-1985	Belgian Interuniversity research on Nutrition and Health (BIRNH)	F+M	25-74	10,971 (36%)	1d Rcd (dietary history in subsample)	Dutch food composition tables, Paul and Southgate food composition tables	De Backer, 1984
Croatia	1997-1998	Croatian Study on Schoolchildren's Nutrition	F+M	12-14	348	24h Rcl + FFQ	National food composition tables	Anonymous
Denmark	1985	Dietary Habits in Denmark	F+M	15-80	2,242	DH	Danish food composition Data Bank	Haraldsdóttir et al, 1986
Denmark	1995	National Dietary Survey	F+M	1-80	3,098 (65%)	7d Rcd	Danish food composition Data Bank	Andersen et al, 1996
Denmark	2000-2002	National Continuous Dietary Survey	F+M	4-75	1,500 (2000) 1,500 (2001) 1,000 (2002)	7d Rcd	Danish food composition Data Bank	-
Finland	1992	Dietary survey of Finnish adults (FINDIET 1992)	F+M	25-64	1,861 (60%)	3d Rcd	Finnish food composition database	Kleemola et al, 1994
Finland	1997	Dietary survey of Finnish adults (FINDIET 1997)	F+M F+M	25-64 65-74	2,862 (72%) 290	24h Rcl 24h Rcl	Finnish food composition database (Fineli)	FINDIET Study group 1998
France	1985-1995	?	F+M	18-62	1,778	DH	French food composition database	Hercberg et al, 1994
France	1993-1994	National Food Consumption survey (ASPCC)	F+M	18+	1,229	7d Rcd	French food composition database (CIQUAL)	

Country	Year	Survey	Population		Sample size response (%)	Dietary method <sup>a</sup>	Food composition data	Reference
			Sex	Age				
France	1993-1994	National Food Consumption survey (ASPCC)	F+M	2-85	1,500	7d Rcd	French food composition database (CIQUAL)	Rigaud et al, 1997
France	1998-1999	Individual National Food Consumption Survey (INCA)	F+M F+M	3-14 15+	1,018 1,985	7d Rcd 7d Rcd	French food composition database (CIQUAL)	Volatier, 2000
Germany	1985-1989	National Nutrition Survey In Former West Germany	F+M	4-70+	24,632 (71%)	7d Rcd	German food composition database Version 2.I	Heseker et al, 1992
Germany	1991-1992	National Health Survey in East Germany	F+M	18-79	1,897 (71%)	DH	German food composition database Version 2.II	Hermann-Kunz & Thamm, 1999
Germany	1998	German Nutrition Survey	F+M	18-79	4,030 (61%)	DH (4 week recall and FFQ)	German food composition database Version 2.III	Mensink et al, 1999
Hungary	1985-1988	First Hungarian Representative Nutrition Survey	F+M	15-60+	16,641	2x 24h Rcl + FFQ	Hungarian food composition table	Biro, 1992-1993
Hungary	1992-1994	Hungarian Randomized Nutrition Survey	F+M	18-60+	2,559	3x 24h Rcl + FFQ	Hungarian food composition table	Biro et al, 1996
Iceland	1990	Icelandic National Nutrition Survey	F+M	15-80	1,240 (72%)	DH	Icelandic food composition table	Steingrimsdottir 1993
Iceland	2001	Icelandic National Nutrition Survey	F+M	?	?	24h Rcl	Icelandic food composition table	-
Ireland	1990	Irish National Nutrition Survey	F+M	8-18+	1,214	DH	McCance & Widdowson's, 4th edition	Lee & Cunningham, 1990
Ireland	1998	North-South Food Consumption Survey	F + M	18-64	1,379 (66%)	7 d Rcd	McCance & Widdowson's, 5th edition	Kiely, 2001
Italy	1994-1996	INN-CA 1994-96	F+M	0-94	2,734 (47%)	7d Rcd	Italian food composition tables (various sources)	Turrini et al, 1999
Lithuania	1997	Baltic Nutrition and Health Survey	F + M	20-65	2,183 (73%)	24h Rcl + FFQ	Russian food composition table	Pomerleau et al, 2000
Netherlands	1987-1988	Dutch National Food Consumption Survey	F+M	1-79	5,898 (79%)	2d Rcd	Dutch food composition table	Löwik et al, 1998
Netherlands	1992	Dutch National Food Consumption Survey	F+M	1-92	6,218 (72%)	2d Rcd	Dutch food composition table	Löwik et al, 1998

Country	Year	Survey	Population		Sample size response (%)	Dietary method <sup>a</sup>	Food composition data	Reference
			Sex	Age				
Netherlands	1997-1998	Dutch National Food Consumption Survey	F+M	1-97	6,250 (69%)	2d Rcd	Dutch food composition table	Anonymous, 1998
Norway	1993	National Dietary Survey	F+M	13 y 18 y	1,705 (86%) 1,564 (88%)	FFQ	Norwegian food composition table	Andersen et al, 1995
Norway	1993-1994	National Dietary Survey among Adults (Norkost)	F+M	16-79	3,144 (63%)	FFQ	Norwegian food composition table	Johansson et al., 1997
Norway	1997	National Dietary Survey among Adults (Norkost)	F+M	16-79	2,672 (54%)	FFQ	Norwegian food composition table	Johansson & Sovoll, 1999
Norway	1999	National Dietary Survey	F+M	6 and 12 months	2,400 (80%)	FFQ	Norwegian food composition table	
Norway	1999	National Dietary Survey	F+M	2 years	2,010 (67%)	FFQ	Norwegian food composition table	
Poland	1991-1994	Dietary habits and nutritional status of selected populations	F+M	11-14 18 20-65	1,126 2,193 4,945	24 h Rcl 24 h Rcl 24 h Rcl	Polish food composition table	Szponar & Rydilik, 1996
Poland	2000	Household Food Consumption and Anthropometric Survey	F=M	1+ (no upper age limit)	4,200 (97%)	24 h Rcl	Polish food composition tables	Szponar et al., submitted
Portugal	1980	National Dietary Survey	F+M	1-65+	13,080	1d Rcd	Portugese food composition table	Gonçalves Ferreira et al, 1985-1987
Slovak Republic	1991-1999	Assessment of food habits and nutritional status	F+M	11-14 15-18 19-88	3,337 4,556 4,807	24h Rcl and FFQ	Slovak food cata Bank + additional sources	Béderova et al, 1998 Babinska et al, 1998
Sweden	1989	HULK	F+M	1-74	2,036 (70%)	7d Rcd	Swedish FCDB	Becker, 1994
Sweden	1997-1998	Riksmaten	F+M	18-74	1,215 (60%)	7d Rcd	Swedish FCDB	Becker, 1999
Switzerland	1992-1993	Swiss Health Survey	F+M	15-74	26,000 (71%)	FFQ	no nutrient calculations	Eichholzer et al, 1995
United Kingdom	1986-1987	The Dietary and Nutritional Survey of British Adults	F+M	16-64	2,197 (70%)	7d Rcd	McCance & Widdowson The composition of Foods and other sources	Gregory et al, 1990
United Kingdom	1992-1993	NDNS Children 1½-4½ years	F+M	1½-4½	1,675 (80%)	4d Rcd	McCance & Widdowson The composition of Foods and other sources	Gregory et al, 1995

Country	Year	Survey	Population		Sample size response (%)	Dietary method <sup>a</sup>	Food composition data	Reference
			Sex	Age				
United Kingdom	1994-1995	NDNS people 65 years and over	F+M	65+	1,687 (59%)	4d Rcd	McCance & Widdowson The composition of Foods and other sources	Finch et al, 1998
United Kingdom	1997	NDNS young people 4-18 years	F+M	4-18	1,701 (64%)	7d Rcd	McCance & Widdowson The composition of Foods and other sources	Gregory et al, 2000
United Kingdom	2000-2001	NDNS Adults 19-64 years	F+M	19-64	2,000	7d Rcd	McCance & Widdowson The composition of Foods and other sources	Report due 2003

<sup>1</sup> In Belgium the only nationwide individual dietary survey was conducted in the period 1980-1985 and in Portugal in 1980.

<sup>2</sup> Countries not mentioned in this annex:

- Czech Republic:
  - national household budget surveys (DAFNE)
  - no national survey on the level of individuals in Czech Republic during 90ties
- Greece:
  - national household budget surveys (DAFNE)
  - European Prospective Investigation into Cancer (EPIC) (conducted on a national-based sample)
- Spain:
  - national household budget survey (DAFNE)
  - individual surveys at regional level or age groups (SENECA)

<sup>a</sup> 24h Rcl, 24-hour recall; 1d Rcd, 1-day record; FFQ, food frequency questionnaire; DH, dietary history method

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