Inventory of European Food Composition Databases and Tables

edited by
Florian Schlotke, Switzerland
Anders Møller, Denmark
Introduction

One aim of the working group on Food Data Management and Interchange of COST Action 99 is to promote international food composition data interchange throughout Europe. Thus contributing to closer co-operation and use of resources in the field of food composition data. In order to develop better means and standards for data interchange we needed information on the availability and quality of food composition data in Europe. Interestingly, most providers of such data consider data interchange important or very important for their work. It was even offered to cooperate by “file swapping”, i.e. to trade one food composition database for another.

This inventory is an update of a series of earlier publications [1, 2] and a complementary effort to the International Food Composition Tables Directory [3] maintained by the INFOODS organisation (International Network of Food Data Systems). The inventory has been updated by incorporating replies received in response to questionnaires distributed to the COST 99 representatives in each of the 28 member countries in 1995, 1998 and 2000.

The Inventory is also available on the Internet at http://food.ethz.ch/cost99/db-inventory.htm. It is unclear, however, whether this site can be maintained in the future. Therefore we will forward the information to be incorporated in the INFOODS directory.

This inventory is structured by countries. For each country we list the major institutions involved in the production or compilation of food composition databases. For each institution, a list of publications is provided. Publications may be food composition tables printed as books, provided as electronic data files, or distributed together with software applications. Typically, institutions maintain a centralised food composition database from which several types of tables are extracted and regularly published in updated editions.

F. Schlotke
Zurich, January 2000

References

Editors
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Contents

Belgium 2
Croatia 4
Cyprus 5
Czech Republic 6
Denmark 10
Finland 12
France 14
Germany 18
Greece 21
Hungary 22
Iceland 23
Ireland see United Kingdom
Italy 24
Netherlands 28
Norway 30
Poland 31
Portugal 32
Slovakia 33
Spain 36
Sweden 38
Switzerland 40
Turkey 41
United Kingdom 42

Food Groups 45
Belgium

**Responsible Organisation**
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Tel.: +32-276 446 46
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Prof. Marguerite Jossart

**General Database Information**
Nr. of Foods: 2025
Covered Food Groups: All
Types of Food: Basic Foods: 36%
Data is Suitable for: Natl. Use Only: 100%
Languages: French
Food Description: LanguaL
Component Description: INFOODS Tag-names
Value Description: no method information

**Publications**
Languages: French
Nr. of Foods: 2025 Nr. of Components: 36
Year of First Ed.: 1998 Next Ed. Planned:
File Available as: CD-ROM planned
Belgium

Responsible Organisation
NUBEL V.Z.W-A.S.B.L.
Rijksadministratief Centrum
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Belgium

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Dietitian

Fax: +32 2 210 42 26
Tel.: +32 2 210 48 28
WWW: http://www.nubel.com

General Database Information

Nr. of Foods: 6800
Nr. of Components: 37
Covered Food Groups: All
Types of Food: Basic Foods: 10% Dishes: 5% Brands: 85%
Data is Suitable for: Natl. Use Only: 70% Internatl. Use: 30%
Data is Based on: Own Analysis: 40% Literature: 25%
Calculation: 20% Estimation: 15%
Languages: Dutch, French
Food Description: Based on Belgian legislation (not published); plus Langual codes
Component Description: Based on report on recommendations on nutrients for the Belgian population by the Food Council of the Ministry of Public Health
Value Description: Normalisation of the methods of analysis

Copyright Policy

Private Use: BEF 27.000
Use in Other Databases: License BEF 27.000
Commercial Use: License BEF 27.000; Royalty BEF 1.000

Further Remarks

Also available: NUBEL Voedingsplanner (Dutch) and NUBEL Planning Alimentaire (French), Software application on CD-ROM, (Cost 900 BEF)

Publications

Languages: Dutch
Nr. of Foods: 650  Nr. of Components: 24
Year of First Ed.: 1992
Software: NUBEL: Voedingsplanner; Planning Alimentaire (Windows 3.1)

Languages: French
Nr. of Foods: 650  Nr. of Components: 24
Year of First Ed.: 1992
Software: NUBEL: Voedingsplanner; Planning Alimentaire (Windows 3.1)
**Responsible Organisation**

Human Nutrition Dept.
Institute of Public Health of Croatia
Rockefellerova 7
10000 Zagreb
Croatia
Fax: +385 01 46 83 007
Tel.: +385 01 46 83 006
Email: hzzjz-fp@zg.Tel.:hr

**Contact Person**

Ing. Katica Antonic.Degac

**General Database Information**

- Nr. of Foods: 680
- Nr. of Components: 34
- Covered Food Groups: All but 10
- Types of Food: Basic Foods: 78% Dishes: 18% Brands: 4%
- Data is Suitable for: Natl. Use Only: 100% Internatl. Use: 100%
- Data is Based on: Own Analysis: 35% Literature: 40% Calculation: 25%
- Languages: Croatian
- Food Description: Croatian names, Eurocode 2 food classification
- Component Description: Energy, nutrients and their abbreviations
- Value Description: Each value is systematic evaluated; minimum/maximum provided but not published.

**Copyright Policy**

Private Use: DEM 16 (HRK 60); DEM 8 (HRK 30) (students)

**Publications**


Languages: Croatian
Nr. of Foods: 560 Nr. of Components: 34
Next Ed. Planned: 2000
File Available as: ASCII file
Software: HRANA/programme language -ZIM, PC computer
Cyprus

Responsible Organisation
State Central Laboratory
Ministry of Health
44 Kimonos Street
1451 Nicosia
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Tel.: +357-2-301419
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General Database Information
Nr. of Foods: 67
Nr. of Components: 23
Covered Food Groups: All but 8,9,10,11,13
Types of Food: Basic Foods: 50% Brands: 50%
Data is Based on: Own Analysis: 100%
Languages: Greek
Food Description: INFOODS food description system
Component Description: INFOODS tagnames
Value Description: Information about method of analysis for each value/component. Internal q.c./proficiency testing.

Copyright Policy
Use in Other Databases: free of charge

Further Remarks
Components covered are: fats, proteins, carbohydrates, dietary fibre, minerals and traces.

Publications
ISBN: 9963-38-212-6
Languages: Greek
Nr. of Foods: 67 Nr. of Components: 23
File Available as: dBase (dbf) file
Software: Fox-Pro
**Czech Republic**

**Responsible Organisation**
Centre of Hygiene Food Chain in Brno
National Institute of Public Health Prague
Palackého 1-3
61242 Brno
CzechRepublic
Fax: +42 05 41211764
Tel.: +42 05 41211764
WWW: http://www.chpr.szu.cz

**Contact Person**
Dr. Jiri Ruprich

**General Database Information**

<table>
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<td>Czech, English (only database file)</td>
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<td>Food Description:</td>
<td>in-house coding system</td>
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<tr>
<td>Component Description:</td>
<td>INFOODS tagnames</td>
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**Further Remarks**

The food composition table have been prepared as a part of food basket survey in the Czech Republic. It serves particularly for total diet study and also for nutritional evaluation of food intake. The table is compiled and contains information about the most frequently consumed foods in the Czech Republic. Data have been obtained from pre-existent Czech, Slovak and English literature sources. The origin of all data is mentioned, together with information about assumptions, estimates and calculations. The composition of foods is expressed in edible part after calculation to 100 grams of food.

**Publications**

ISBN: 80-7071-076-4
Languages: Czech with English summary
Nr. of Foods: 500 Nr. of Components: 19
File Available as: yes

**[File or Database]** Ruprich, J., Dofková, M., Kopriva, V.: Food Composition Table.
Languages: Czech, English
Nr. of Foods: 500 Nr. of Components: 19
File Available as: Paradox, dBASE
Czech Republic

Responsible Organisation
District Institute of Hygiene in Teplice
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General Database Information
Nr. of Foods: 2865
Nr. of Components: 18
Types of Food: Basic Foods: 72%  Dishes: 28%  Brands: 72%
Data is Based on: Literature: 2%  Estimation: 1%
Languages: Czech

Further Remarks
Brands and Basic Foods together; 15 components are own analysis and by calculation.

Publications
[File or Database] Food Table. Food research institute, 1992.
Languages: Slowak, Czec
Nr. of Foods: 2059  Nr. of Components: 17
Year of First Ed.: 1988
File Available as: dBASE: SUROVINY.DBF
Remarks: I. Primary Foods, II. Food products

Languages: Czech
Nr. of Foods: 505  Nr. of Components: 17
File Available as: dBASE: CIJAZAV.DBF

Languages: Czech
Nr. of Foods: 602  Nr. of Components: 17
File Available as: dBASE: CIJISKO.DBF

[File or Database] Doberský Premysl a kol: Diet system for hospitals (Diet Type 3). Osvet, 1983.
Languages: Czech
Nr. of Foods: 208  Nr. of Components: 17
File Available as: dBASE: CIJID03.DBF

[File or Database] Doberský Premysl a kol: Diet system for hospitals (Diet Type 9). Osveta, 1983.
Languages: Czech
Nr. of Foods: 166  Nr. of Components: 17
File Available as: dBASE: CIJID09.DBF
### Responsible Organisation
Institute of Agricultural and Food Information  
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120 21 Prague 2  
Czech Republic  
Fax: +42 66312812  
Tel.: +42 250051, 253647

### Contact Person
Dr. Ctibor Perlín

### General Database Information
<table>
<thead>
<tr>
<th>Types of Food:</th>
<th>Basic Foods: 80%</th>
<th>Dishes: 5%</th>
<th>Brands: 15%</th>
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<td>Data Suitability:</td>
<td>Natl. Use Only: 95%</td>
<td>Internatl. Use: 5%</td>
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<td>Data Sources:</td>
<td>Own Analysis: 10%</td>
<td>Literature: 80%</td>
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Food Description: Based on Czech legislation and standards (not published)  
Comp. Description: According to Czech nutritional recommendations  
Value Description: Data evaluated by group of experts

### Copyright Policy
Private Use: Food Tables I: 50 CK; Food Tables II: 50 CK

### Publications

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Czech Republic

Responsible Organisation
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682 03 Vyskov
CzechRepublic
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Colonel Josef Dipold

General Database Information
Nr. of Foods: 1500
Data is Based on: Own Analysis: 10% Literature: 30%
Languages: Czech

Publications
Year of First Ed.: 1989
Software: P66480 Nutrev software (FoxPro)
Denmark

**Responsible Organisation**
Veterinær- og Fødevaredirektoratet
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Denmark
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Email: vfd@vfd.dk
WWW: http://www.vfd.dk/

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Dr. Anders Møller
Responsible for Database
amoeller@vfd.dk

**General Database Information**

| Nr. of Foods: | 1500 |
| Nr. of Components: | 260 |
| Covered Food Groups: | All |

**Types of Food:**
- Basic Foods: 85%
- Dishes: 1%
- Brands: 14%

**Data is Suitable for:**
- Natl. Use Only: 10%
- Internat. Use: 90%

**Data is Based on:**
- Own Analysis: 50%
- Literature: 20%
- Calculation: 25%
- Estimation: 5%

**Languages:**
- Danish, English, Scientific names

**Food Description:**
- LanguaL (not published);
- CIAA coding;
- Eurocode2 (not published);
- NFA coding systems (published)

**Component Description:**
INFOODS Tagnames, for some components (not published)

**Value Description:**
Analytical values GLP-evaluated. Median, minimum, maximum, # analysis, sample size, reference (source)

**Copyright Policy**

**Private Use:**
Source of data should be quoted where appropriate.
Dataset: € 250 (DKK 1.500)

**Use in Other Databases:**
Source of data should be quoted where appropriate. Conditions under revision, will be strengthened.; Dataset: € 250 (DKK 1.500)

**Commercial Use:**
Source of data should be quoted where appropriate. Condition under revision, will be strengthened.; Dataset: € 2500 (DKK 15.000)
### Publications

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</table>
### Responsible Organisation
National Public Health Institute  
Mannerheimintie 166  
00300 Helsinki  
Finland  
Fax: +358 0 4744 8591  
Tel.: +358 0 4744 8595  
WWW: http://www.ktl.fi/fineli/  
Email: marja-leena.ovaskainen@ktl.fi

### Contact Person
Dr. Marja-Leena Ovaskainen

### General Database Information
| Nr. of Foods: | 1800 |
| Nr. of Components: | 210 |
| Covered Food Groups: | 40 main-groups, 100 sub-groups |
| Types of Food: | Basic Foods: 30%  
Dishes: 68%  
Brands: 2% |
| Data is Suitable for: | Natl. Use Only: 100% |
| Data is Based on: | Own Analysis: 25%  
Literature: 52%  
Calculation: 11%  
Estimation: 12% |
| Languages: | Finnish, English |
| Food Description: | Food code, name, processing, comments |
| Component Description: | INFOODS Tagnames |
| Value Description: | Information on Method of analysis or calculation for each value (new values) |

### Copyright Policy
| Private Use: | € 673, FMK 4000 |
| Use in Other Databases: | To be decided |
| Commercial Use: | € 2523, FMK 15000 |

### Publications
  Languages: Finish, English  
  Nr. of Foods: 1800  
  Nr. of Components: 66  
  Year of First Ed.: 1996  
  Next Ed. Planned: 2000  
  File Available as: ASCII file
  Languages: Finish  
  Nr. of Foods: 1500  
  Nr. of Components: 32  
  Next Ed. Planned: 2000  
  File Available as: http://www.ktl.fi/fineli/
Finland

Responsible Organisation
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Social Insurance Institution
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FIN-20720 Turku
Finland
Fax: +358 20 434 6400
Tel.: +358 20 434 6411

Contact Person
Lic.Ph. Lars-Runar Knuts
Research Planner

General Database Information
Nr. of Foods: 1200
Nr. of Components: 79
Covered Food Groups: All
Types of Food: Basic Foods: 46% Dishes: 49% Brands: 5%
Data is Suitable for: Natl. Use Only: 100% Internatl. Use: 98%
Data is Based on: Literature: 50% Calculation: 30% Estimation: 20%
Languages: Finnish, Swedish, English, Scientific names
Food Description: Own 5-digit numeric code for identification
Component Description: Own 5-digit code; component name (40 character); Abbreviated name (7 character)
Value Description: Systematic evaluation of data (not published)

Copyright Policy
Private Use: € 841 (FIM 5000, excl. VAT)
Use in Other Databases: € 2523 (FIM 15000, excl. VAT)
Commercial Use: € 2523 (FIM 15000, excl. VAT)

Further Remarks
No database fee when included in nutrient calculation program (Nutrica).

Publications
Languages: Finnish, Swedish, English
Nr. of Foods: 646 Nr. of Components: 30
Year of First Ed.: 1989 Next Ed. Planned:
File Available: yes
Software: yes
France

Responsible Organisation
Informatic Centre for Food Quality (CIQUAL)
French Agency for Food Safety (AFSSA)
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BP 19
75231 Maisons-Alfort cedex 05
France
Fax: +33 1 49 77 90 05
Tel.: +33 1 49 77 13 50
WWW: http://www.afssa.fr/

Contact Person
Dr. Jayne Ireland
Director

French Agency for Food Safety (AFSSA)
Director
23 avenue du Général de Gaulle
BP 19
75231 Maisons-Alfort cedex 05
France
Fax: +33 1 49 77 90 05
Tel.: +33 1 49 77 13 50
WWW: http://www.afssa.fr/
Email: j.ireland@dg.afssa.fr

General Database Information
Nr. of Foods: 2050
Nr. of Components: 600
Covered Food Groups: All
Types of Food: Basic Foods: 65% Dishes: 5% Brands: 30%
Languages: French, English, Scientific names
Food Description: LanguaL code, COST Action 99/EUROFOODS Recommendations
Component Description: INFOODS Tagnames as secondary identifier as some components do not have tagnames
Value Description: Evaluation of incoming data.; minimum, maximum, standard deviation

Copyright Policy
Private Use: € 650
Use in Other Databases: free in exchange for data
Commercial Use: € 1300

Further Remarks
Data obtained from external laboratories, manufacturers (brands) and literature
## France

**last update: 2000-01-26**

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<th>Publications</th>
<th>Language:</th>
<th>Nr. of Foods:</th>
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<tr>
<td><strong>Languages:</strong> French and English</td>
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<tr>
<td><strong>Next Ed. Planned:</strong> 2000</td>
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| **ISBN:** 2-85206-429-4 |
| **Languages:** French and English |
| **Nr. of Foods:** 83 |
| **Remarks:** number of components variable; book out of print |

| **ISBN:** 2-85206-430-8 |
| **Languages:** French and English |
| **Nr. of Foods:** 108 |
| **Remarks:** number of components variable; book out of print |

| **ISBN:** 2-85206-912-1 |
| **Languages:** French and English |
| **Nr. of Foods:** 189 |
| **Remarks:** number of components variable |

| **ISBN:** 2-85206-970-9 |
| **Languages:** French and English |
| **Nr. of Foods:** 227 |
| **Nr. of Components:** 12 |

| **ISBN:** 2-7430-0203-4 |
| **Languages:** French |
| **Nr. of Foods:** 406 |
| **Nr. of Components:** 37 |
France

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Laboratoire de Physiologie
Faculté de Médecine
7, Boulevard Janne-d'Arc
BP 87900
21079 Dijon Cedex
France
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Tel.: +33 380 39 33 62

Contact Person
Dr. Marc Fantino
chair of dept.

General Database Information
Nr. of Foods: 1788
Nr. of Components: 42
Covered Food Groups: All (-12)
Types of Food: Basic Foods: 42%  Dishes: 12%  Brands: 46%
Data is Suitable for: Natl. Use Only: 46%  Internatl. Use: 54%
Data is Based on: Own Analysis: 3%  Literature: 97%
Languages: French
Value Description: Method of analysis or calculation for each value (not published)

Copyright Policy
Commercial Use: Book : FRF 100 (€ 15); Software: FRF 1.000 (€ 150)

Publications
Centre d'Étude et d'Information sur les Vitamines, Neuilly sur Seine Centre Foch: Scercat, 1996.
Languages: French
Nr. of Compon.: 40
Year of First Ed.: 1989
Software: NUTRI5
France

Responsible Organisation
Centre Recherche Foch
45, rue des Saints Pères
75011 Paris
France
Fax: +33 1 40 20 96 85
Tel.: +33 1 42 96 84 21

Contact Person
Dr. Monique Astier-Dumas

General Database Information
Nr. of Foods: 900
Nr. of Components: 9
Covered Food Groups: All
Types of Food: Basic Foods: 50% Dishes: 21% Brands: 16%
Data is Suitable for: Natl. Use Only: 21% Internatl. Use: 79%
Data is Based on: Own Analysis: 21% Calculation: 2%
Languages: French
Food Description: CIAA coding (published)
Value Description: Method of analysis or calculation for each value, systematic evaluation (published); minimum, maximum, standard deviation (not published)

Copyright Policy
Private Use: FRF 300
Use in Other Databases: Not applicable
Commercial Use: Not applicable

Publications
Languages: French
Nr. of Foods: 900 Nr. of Components: 9
Next Ed. Planned: 1996
Software: NUTRIBASE
Germany

Responsible Organisation

Federal Institute for Health Protection of Consumers (BgVV)
Thielallee 88-92
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14191 Berlin
Germany
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Tel.: +49 030 8412 3612
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WWW: http://www.bgvv.de/

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Dr. Lutz Ingo Dehne
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Tel.: +49 018884123612
Email: l.dehne@bgvv.de

General Database Information

Nr. of Foods: 11878
Nr. of Components: 188
Covered Food Groups: All
Types of Food: Basic Foods: 10% Dishes: 30% Brands: 60%
Data is Suitable for: Natl. Use Only: 20% Internatl. Use: 80%
Data is Based on: Literature: 20% Calculation: 70% Estimation: 10%
Languages: German, English
Food Description: BLS-system: classification and food description code
Component Description: German only, own system
Value Description: Method of analysis or calculation for each value, data evaluated systematically, minimum and maximum (not published).

Copyright Policy

Private Use: DEM 315 (€ 161,09)
Use in Other Databases: DEM 415 (€ 212,19)
Commercial Use: DEM 915 (€ 467,83)

Publications


Languages: German, English
Nr. of Foods: 11878 Nr. of Components: 188
File Available as: dBase or ASCII files
Germany

Responsible Organisation
Federal Research Centre for Nutrition
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Fax: +49 721 6625 111
Tel.: +49 721 6625 0
Email: al.bfe@bfe.uni-karlsruhe.de
WWW: http://www.dainet.de/bfe/

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Deputy Head of Institute
Fax: +49 721 6625 503
Tel.: +49 721 6625 536
Email: antal.bognar@bfe.uni-karlsruhe.de

General Database Information
Nr. of Foods: 600
Nr. of Components: 25
Covered Food Groups: 13 main food groups
Types of Food: Basic Foods: 17% Dishes: 100% Brands: 8%
Data is Suitable for: Natl. Use Only: 100% Internatl. Use: 60%
Data is Based on: Own Analysis: 75% Literature: 5% Calculation: 20%
Languages: German
Food Description: Eurocode2 (partly)
Component Description: German (official names)
Value Description: Method of analysis or calculation for each component, systematic evaluation of data.; Confidence intervals

Further Remarks
Further recent publications:

Publications
Languages: German
Nr. of Foods: 600 Nr. of Components: 25
File Available as: planned for 2001
Software: planned for 2001

Languages: English, German
Next Ed. Planned: 1995
File Available as: ASCII file
Software: Turbo Pascal software
### Germany

**Responsible Organisation**
Deutsche Forschungsanstalt für Lebensmittelchemie  
Lichtenbergstraße 4  
86748 Garching  
Germany  
Fax: +49 89 289 14183  
Tel.: +49 89 289 14173

**Contact Person**
Mrs. Eva Kirchhoff

---

### General Database Information

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<td>Value Description:</td>
<td>Method of analysis or calculation for each value, systematic evaluation of litterature; minimum maximum (not published)</td>
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</table>

### Copyright Policy

**Private Use:** please contact Medpharm Scientific Publisher, Wissenschaftliche Verlagsgesellschaft; Birkenwaldstraße 44; D-70191 Stuttgart

**Use in Other Databases:** please contact Medpharm Scientific Publisher, Wissenschaftliche Verlagsgesellschaft; Birkenwaldstraße 44; D-70191 Stuttgart

**Commercial Use:** please contact Medpharm Scientific Publisher, Wissenschaftliche Verlagsgesellschaft; Birkenwaldstraße 44; D-70191 Stuttgart

### Publications

**[Book]** Prof. Dr. Heimo Scherz, Dr. Friedrich Senser: Souci-Fachman-Kraut / Food Composition and Nutrition Tables, 5. Ed.. Medpharm Scientific Publisher, CRC Press Stuttgart/Boca Raton, 1994.

<table>
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<th>ISBN:</th>
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Greece

Responsible Organisation
School of Medicine
University of Athens
75 Mikras Asias Str.
115 21 Athens
Greece

Contact Person
Prof. Dr. Antonia Trichopoulou
Ass. Professor of Nutrition and Preventive Medicine
Fax: +30 1 7488 902
Tel.: +30 1 7488 042
Email: antonia@nut.uoa.gr

General Database Information
Nr. of Foods: 1219
Nr. of Components: 29
Covered Food Groups: All
Data is Suitable for: Internatl. Use: 100%
Data is Based on: Literature: 81% Calculation: 19%
Languages: Greek, English
Food Description: Eurocode2, Eurostat, Country specific (derived from HHBS) (not publ.)
Component Description: (not published)

Copyright Policy
Private Use: Printed tables: GRD 4.500 (€ 15)
Hungary

Responsible Organisation
University of Horticulture and Food Industry
Villányi út 35:
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Hungary
Fax: +36 1 1620628
Tel.: +36 1 1850666

Contact Person
Dr. Judid Monspart-Sényi
43
Fax: +36 1 1667435
Tel.: +36 1 1667435
Email: jsenyi@hoya.kee.hu

General Database Information
Nr. of Foods: 600
Nr. of Components: 111
Covered Food Groups: All
Types of Food: Basic Foods: 50% Dishes: 20% Brands: 30%
Data is Suitable for: Natl. Use Only: 10% Internatl. Use: 90%
Data is Based on: Own Analysis: 100%
Languages: Hungarian
Food Description: LanguAL (partly published)
Component Description: INFOODS Tagnames (partly published)
Value Description: Method of analysis or calculation for each value/component, under supervision of data quality; minimum, maximum (partly published).

Copyright Policy
Private Use: Presently only for scientific use
Use in Other Databases: In the future for Food Tables
Commercial Use: In far future for special users

Publications
[File or Database] University of Horticulture and Food Industry: Computerized Food Data Bank.
University of Horticulture and Food Industry, Faculty of Food Industry, Budapest, 1996.
Languages: Hungarian
Nr. of Foods: 600
**Responsible Organisation**  
Centre of Food Technology at Keldnaholt  
Keldnaholt  
112 Reykjavík  
Iceland  
Fax: +354 577 7111  
Tel.: +354 570 7100  

**Contact Person**  
Ing. Olafur Reykdal  
Responsible for food composition database  
Email: olafurr@iti.is

---

**General Database Information**

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**Copyright Policy**

- Private Use: Data available. Agreement in each case.
- Use in Other Databases: Data available. Source of data should be quoted.
- Commercial Use: Data available. Agreement in each case.

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**Further Remarks**

It is planned to place the database together with a user-friendly educational software on the Internet.

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**Publications**


  - Languages: Icelandic
  - Nr. of Foods: 640 Nr. of Components: 23
  - Year of First Ed.: 1993
  - File Available as: ASCII file
  - Software: Program written in dBaseIII/Clipper avail.
Italy

**Responsible Organisation**
Division of Epidemiology and Biostatistics
European Institute of Oncology
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Fax: +39 2 57489813
Tel.: +39 2 57489815/16
WWW: http://www.ieo.it

**Contact Persons**
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Cancer Study and Prevention Centre, A.O. Careggi
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50131 Florence
Italy
Fax: +39-055-5012280
Tel.: +39-055-5012270
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Mrs. Patrizia Gnagnarella
Nutritionist, Responsible for data distribution
Tel.: +39 2 57489819/16
Email: patrizia.gnagnarella@ieo.it

**General Database Information**
Nr. of Foods: 788
Nr. of Components: 40
Covered Food Groups: All
Types of Food: Basic Foods: 95% Dishes: 4% Brands: 1%
Data is Suitable for: Natl. Use Only: 100%
Data is Based on: Literature: 90% Calculation: 6% Estimation: 4%
Languages: Italian, English, Scientific Names
Food Description: Is planned for the future
Component Description: Is planned for the future
Value Description: Method of analysis or calculation for each value of each component, if different from main method; calculations/estimations described in detail on the publication; no statistical distribution available

**Copyright Policy**
Private Use: Data provided free of charge;
source of data should be quoted where appropriate
Use in Other Datab.: Data provided free of charge;
source of data should be quoted where appropriate
Commercial Use: by licence only

**Further Remarks**
ORIGIN OF THE DATA: The "Food Composition Database for Epidemiological Studies in Italy" can be defined as a compiled DB. Data have been obtained from pre-existing sources and not from chemical analyses. The main sources of the data used are Italian (45% of the data) published by the National Institute of Nutrition, Rome (mainly 1989 ed., by Carnovale & Miuccio) and by the University of Perugia (by F. Fidanza). When Italian data were insufficient, other sources were used: McCance and Widdowson tables, 4th and 5th ed. plus supplements (27%) and the USDA Nutrient Database (16%). Scientific papers and other tables and databases have been also used when necessary (2%). In some instances estimates, assumptions or calculations were made (e.g. starch and soluble carbohydrates, fatty acids, etc.) when specific components were not available (10%). Missing values are reduced to a minimum (only 0.43%).
Further Remarks (continued)

An update of the "Food Composition Database for Epidemiological Studies in Italy" is planned. We have started from the inclusion of eighteen aminoacids and two forms of glutathione (Jones DP et al., 1992) using the same methodology as for the published material. The inclusion of seven minerals (Magnesium, Copper, Selenium, Chloride, Iodine, Manganese and Sulphur) and three vitamins (Pantothenate, Biotin and Vitamin B12) is currently conducted. The fatty acids profile will be expanded by adding fourteen items. The inclusion of approximately 180 new food items derived from the updated version of the "Italian Food Composition Table" (Carnovale & Marletta, 1997) is also in progress. To verify the compilation methodology a validation study is planned. The aim of this project is to compare a sample of the published data with ad hoc chemical laboratory analyses. A sample of frequently consumed Italian food items and of items whose composition was totally 'borrowed' from foreign sources will be chemically analysed and the results will be compared with the values included in the database.

Publications

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<td>data have been included in the software &quot;Microdiet&quot;, developed by the University of Salford, UK.</td>
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<td>Remarks:</td>
<td>This book has been published thanks to funding by the Italian Association for Research on Cancer (AIRC) and to the collaboration with various researchers in Italy. The project was developed in the last few years, due to the need of Italian epidemiologists for a large database containing information on the most important food components of the main food items consumed in our country. Some nutrients, such as beta-carotene, vitamin E, vitamin D, vitamin B6, and folic acid, are of particular interest for epidemiological studies focusing on the relation between diet and chronic disease. The volume includes two methodological chapters describing the main sources of data and the definitions and modes of expression of food components. The third chapter summarises in English the previous chapters. The fourth chapter collects all food composition forms. Chapter five contains the alphabetical index of the food, in Italian and in English. Examples of nutrient and recipe calculations, sources of data, scientific names etc. are given in appendices. The list of bibliographic sources used for the compilation follows. A computer diskette with data in ASCII format is provided with the book, in order to allow to easily include the data in any nutritional software.</td>
</tr>
</tbody>
</table>
Italy

Responsible Organisation
Dipartimento di Scienze degli Alimenti/University
Via Marangoni 97
33100 Udine
Italy
Fax: +39 4 32501637
Tel.: +39 4 32501294

Contact Person
Dr. Maria Cristina Nicoli

General Database Information
Nr. of Foods: 350
Covered Food Groups: 1,5,8,9 +coffee
Types of Food: Basic Foods: 50% Dishes: 2% Brands: 48%
Data is Suitable for: Natl. Use Only: 60% Internatl. Use: 40%
Data is Based on: Own Analysis: 100%
Value Description: minimum, maximum
### Responsible Organisation
Istituto Nazionale della Nutrizione  
Vai Ardeatina, 546  
00178 Rome  
Italy  
Fax: +39 6 5031592  
Tel.: +39 6 5032412  
Email: foodsci@inn.ingrm.it

### Contact Person
Dr. Emilia Carnovale  
Fax: +39 6 5191133  
Email: carnovale@inn.ingrm.it

### General Database Information
- **Nr. of Foods:** 637  
- **Nr. of Components:** 69  
- **Covered Food Groups:** All (-13)  
- **Types of Food:** Basic Foods: 88%  
  Dishes: 2%  
  Brands: 10%  
- **Data is Suitable for:** Natl. Use Only: 20%  
  Internatl. Use: 80%  
- **Data is Based on:** Own Analysis: 68%  
  Literature: 30%  
  Calculation: 2%  
- **Languages:** Italian  
- **Food Description:** Own system (published)  
- **Component Description:** Own system (published), Italien and English  
- **Value Description:** Method of analysis or calculation for each component, using certified reference standard.

### Publications
- **Book**  
  Carnovale, E., Marletta, L.: Tabelle di Composizione Degli Alimenti, 4. Ed.  
- **Isbn:** 88-86457-21-9  
- **Languages:** Italian  
- **Nr. of Foods:** 637  
- **Nr. of Components:** 69  
- **Year of First Ed.:** 1946  
- **Next Ed. Planned:** 2002  
- **File Available as:** dBase IV
**Responsible Organisation**

TNO Nutrition and Food Research Institute
NEVO Foundation
P.O. Box 360
3700 AJ Zeist
Netherlands
Fax: +31 30 695 79 52
Tel.: +31 30 694 42 37
Email: hulshof@voeding.tno.nl
WWW: http://www.nevo-foodcomp.nl

<table>
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<tr>
<th>Contact Person</th>
<th>Fax: +31 30 695 79 52</th>
<th>Tel.: +31 30 694 47 67</th>
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<tbody>
<tr>
<td>Dr. Karin Hulshof</td>
<td>Co-ordinator Bureau NEVO Foundation</td>
<td></td>
</tr>
</tbody>
</table>

Mrs. Susanne Westenbrink
Fax: +31 30 695 79 52
Tel.: +31 30 694 47 67
Email: westenbrink@voeding.tno.nl

**Remarks:** Website will be operational sometime in 2000.

**General Database Information**

| Nr. of Foods: | 1500 |
| Nr. of Components: | 194 |
| Covered Food Groups: | All |
| Types of Food: | Basic Foods: 65% Dishes: 10% Brands: 25% |
| Data is Suitable for: | Natl. Use Only: 60% Internatl. Use: 40% |
| Data is Based on: | Own Analysis: 55% Literature: 25% |
| Calculation: | 10% Estimation: 10% |
| Languages: | Dutch, English |
| Food Description: | National coding system; work on Eurocode2 in progress, not yet available |
| Component Description: | Dutch; No INFOODS tagnames used for practical considerations |
| Value Description: | Method of analysis or calculation for each value and component. No systematic quality index used; evaluation on set of instructions; source codes for origin of data are published |

**Copyright Policy**


Use in Other Databases: As above

Commercial Use: As above + royalty fee according to number of final users

**Publications**

| ISBN: 90-51-77031-6 |
| Languages: Dutch, English |
| Nr. of Foods: 1500 Nr. of Components: 34 |
| File Available as: ASCII files on diskette |
Netherlands

Responsible Organisation
Dept. Of Human Nutrition
Wageningen Agricultural University
P.O.Box 8129
6700 EV Wageningen
Netherlands
Fax: +31 317 48 33 42
Tel.: +31 317 48 25 68

Contact Person
Mrs. Lidwien van der Heijden

General Database Information
Nr. of Foods: 1402
Nr. of Components: 48
Covered Food Groups: All
Types of Food: Basic Foods: 60%  Dishes: 10%  Brands: 30%
Data is Suitable for: Natl. Use Only: 60%  Internatl. Use: 40%
Data is Based on: Literature: 100%
Languages: Dutch, English
Food Description: Eurocode2 is used in derived database.
Component Description: INFOODS tagnames not yet implemented, considering practical consequences
Value Description: Method of analysis or calculation for each value no quality index, but screening/check acc. to set of procedures done (not published); Median.

Publications
[File or Database] Dept. of Human Nutrition HUVOG5 and HUVOG5E Wageningen Agricultural University, 1995.
Languages: Dutch, English
Nr. of Foods: 1402  Nr. of Components: 48
Next Ed. Planned: 1996
File Available as: dBase
Software: Nutrient cal. KOMEET Database manager VBSEDIT
Responsibility Organisation
National Council on Nutrition and Physical Activity
Box 8139 dep
0033 Oslo
Norway
Fax: +47 22 24 90 91
Tel.: +47 22 24 90 61
WWW: http://www.ser.no

Contact Person
Mrs. Arnhild Haga Rimestad
Email: arnhild.rimestad@se.dep.telemax.no

General Database Information
Nr. of Foods: 882
Nr. of Components: 57
Covered Food Groups: All
Types of Food: Basic Foods: 75%  Dishes: 1%  Brands: 24%
Data is Suitable for: Natl. Use Only: 75%  Internatl. Use: 25%
Data is Based on: Own Analysis: 23%  Literature: 20%
Calculation: 28%  Estimation: 13%
Languages: Norwegian, English index
Food Description: Own system
Value Description: Not available

Publications
ISBN: 82-00-41-607-0
Languages: Norwegian English index
Nr. of Foods: 882  Nr. of Components: 57
Next Ed. Planned: 2000
File Available as: yes

ISBN: 82-00-41-606-2
Languages: Norwegian
Nr. of Foods: 670  Nr. of Components: 28
Next Ed. Planned: 2000
File Available as: yes

Languages: Norwegian
Nr. of Foods: 882  Nr. of Components: 57
Next Ed. Planned: 2000
Poland

Responsible Organisation
National Food and Nutrition Institute
Powsinska 61/63 St
02-903 Warsaw
Poland
Fax: +48 22 842 11 03
Tel.: +48 22 55 09 728
WWW: http://www.izz.waw.pl

Contact Person
Assoc. Prof. Hanna Kunachowicz
Email: H.Kunachowicz@izz.k2.pl

General Database Information
Nr. of Foods: 781
Nr. of Components: 78
Covered Food Groups: 15 main food groups
Types of Food: Basic Foods: 78% Dishes: 20% Brands: 2%
Data is Suitable for: Natl. Use Only: 100% Internatl. Use: 20%
Data is Based on: Own Analysis: 50% Literature: 20% Calculation: 30%
Languages: Polish, English
Value Description: Method of analysis or calculation for each value, for each component, no systematic data evaluation

Copyright Policy
Private Use: 100 polish zloty
Use in Other Databases: Written permission required
Commercial Use: Conditions are subject to negotiation

Publications
Languages: Polish, English
Nr. of Foods: 781 Nr. of Components: 78
Next Ed. Planned: 2000 (supplement)
File Available: yes
Software: yes
Languages: Polish, English
Nr. of Foods: 171 Nr. of Components: 58
Next Ed. Planned: 1994
Responsible Organisation
National Institute of Health Dr. Ricardo Jorge
Av. Padre Cruz
1649-016 Lisboa
Portugal
Fax: +351 21 759 04 41
Tel.: +351 21 751 92 00
Email: info@insarj.pt
WWW: http://www.insarj.pt

Contact Person
Dr. Eugênia Amaral
Head, Nutrition and Food Hygiene Department

General Database Information
Nr. of Foods: 740
Nr. of Components: 30
Covered Food Groups: All (25 food groups)
Types of Food: Basic Foods: 87% Dishes: 5% Brands: 8%
Data is Suitable for: Natl. Use Only: 100%
Data is Based on: Own Analysis: 61% Literature: 9%
Calculation: 27% Estimation: 3%
Languages: Portuguese
Food Description: Numerical (not published)
Value Description: Method of analysis or calculation: no information available (not published)

Copyright Policy
Private Use: Can be used for private and scientific use

Publications
Languages: Portuguese
Nr. of Foods: 740 Nr. of Components: 30
File Available as: Lotus 1,2,3 and dBase

Languages: Portuguese
Nr. of Foods: 700 Nr. of Components: 25
File Available: yes
**Responsible Organisation**
Food Research Institute
Ministry of Agriculture
Priemyselná 4
P.O.Box 25
82475 Bratislava
Slovakia
Fax: +421 7 55571417
Tel.: +421 7 55574622
Email: vup@vup.sk

**Contact Person**
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Head of Information Centre
Ministry of Agriculture
Head of Information Centre
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82475 Bratislava
Slovakia
Fax: +421 7 55571417
Tel.: +421 7 50237145
Email: kristina.holcikova@vup.sk

**General Database Information**
Nr. of Foods: 3500
Nr. of Components: 200
Covered Food Groups: All
Types of Food: Basic Foods: 20% Dishes: 10% Brands: 70%
Data is Suitable for: Natl. Use Only: 50% Internat. Use: 50%
Data is Based on: Own Analysis: 20% Literature: 35%
Calculation: 44% Estimation: 1%
Languages: Slovak, English, Scientific Names (for primary foods)
Food Description: Own 20-digit code
Component Description: Own 5 digit code
Value Description: Method of analysis or calculation for each component; data evaluated systematically by expert groups.; minimum, maximum, standard deviation, var. coeff., no. of inputs (can be published); Data quality is evaluated by several control programs

**Copyright Policy**
Private Use: Software ALIMENTA III for scientific use: SK 20.000 (EUR 500); Price of choice from database depends on requirements of users; Food Tables I: out of print; Tables II: SK 160 (EUR 4) Food Tables III: out of print; Booklet "The Cholesterol in Foods": SK 14 (EUR 0.5); Food Tables "Fruit and Vegetables": SK 300 (EUR 8); Food Tables "Cereals and Legumes": SK 300 (EUR 8); Food Tables "Milk Products and Eggs": SK 300 (EUR 8).
Commercial Use: data are not provided for commercial use at present

**Further Remarks**
Components include natural toxicants and antinutritive matters.
## Publications

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<td>Software</td>
<td>Holciková, K., Simonová, E., Kováčiková, E., Vojtassáková, A., Simuth, T., Vagic, R., Pekárík, L.: ALIMENTA III: software for food products and diet composition evaluation and comparison with RDA</td>
<td>Food Research Institute, Bratislava, 1998.</td>
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<td>Slovak, English</td>
<td>1000</td>
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<td>Book</td>
<td>Vojtassáková, A., Kováčiková, E., Simonová, E., Holciková, K.</td>
<td>Food Tables: Cereals and Legumes.</td>
<td>Food Research Institute, Bratislava</td>
<td>1999</td>
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Spain

Responsible Organisation

Departamento de Nutricion
Facultad de Farmacia
(Universidad Complutense de Madrid)
Ciudad Universitaria
28040 Madrid
Spain
Fax: +34 91 394 17 32
Tel.: +34 1 394 18 10

Contact Person

Prof. Olga Moreiras
Tel.: +34 91 3941809
Email: moreiras@eucmax.sim.ucm.es
WWW: http://www.ucm.es/info/elderly3/

General Database Information

Nr. of Foods: 355
Nr. of Components: 92
Covered Food Groups: All
Types of Food: Basic Foods: 93%  Dishes: 6%  Brands: 5%
Data is Suitable for: Natl. Use Only: 50%  Internatl. Use: 50%
Data is Based on: Own Analysis: 27%  Literature: 70%  Calculation: 3%
Languages: Spanish, English
Food Description: Eurocode2 (not published)

Publications

ISBN: 84-368-1373-1
Languages: Spanish
Nr. of Foods: 355  Nr. of Components: 92
Spain last update: 2000-01-26

Responsible Organisation
Instituto de Nutricion y Tecnologia de Alimentos
Universidad de Granada
C/ Ramon y Cajal, no 4
18071 Granada
Spain
Fax: +34 958 248326
Tel.: +34 958 244174

Contact Person
Prof. Dr. Mariano Mañas
Full Professor of Physiology
Email: mariano@ugr.es
Tel.: +34 958 248323

General Database Information
Nr. of Foods: 917
Nr. of Components: 29
Covered Food Groups: All
Types of Food: Basic Foods: 50% Dishes: 12% Brands: 36%
Data is Suitable for: Natl. Use Only: 50% Internatl. Use: 50%
Languages: Spanish

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Private Use: All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the prior permission of the Editorial of the University of Granada and the authors.
Use in Other Databases: as above
Commercial Use: as above

Publications
ISBN: 84-338-2471-6
Nr. of Foods: 917 Nr. of Components: 29
File Available: no
Remarks: Many processed (ready to eat), low-sodium and hypoalergenic food items are included, as well as especial food for sportsmen or diabetic patients. There is also a lot of nutritional information such as lists of items rich in a particular nutrient.
Responsible Organisation
Swedish National Food Administration
Box 622
751 26 Uppsala
Sweden
Fax: +46 18 10 58 48
Tel.: +46 18 17 55 00
Email: livsmedelsverket@slv.se
WWW: http://www.slv.se

Contact Person
Dr. Ia Torelm
Senior Chemist

General Database Information
Nr. of Foods: 1776
Nr. of Components: 51
Covered Food Groups: 37 main-groups, 141 sub-groups
Types of Food: Basic Foods: 65%  Dishes: 35%  Brands: 1%
Data is Suitable for: Natl. Use Only: 50%  Internatl. Use: 50%
Languages: Swedish, English explanatory text
Food Description: Swedish only, English on request
Component Description: Swedish only, English on request
Value Description: Not available

Copyright Policy
Private Use: PC-KOST data file on diskette (ASCII or Excel) SEK 1000
Use in Other Databases: Special agreement necessary.
Commercial Use: Special agreement necessary. Complete database SEK 3750 plus fee for each sold copy
## Publications

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Switzerland

Responsible Organisation
Laboratory of Human Nutrition
ETH Zurich
Postfach 474
8803 Rüschlikon
Switzerland
Fax: +41 1 704 57 10
Tel.: +41 1 704 57 00
WWW: http://www.ilw.agrl.ethz.ch/hu/

Contact Person
Dr. Sabine Jakocob
Project Leader, Swiss Food Composition Database

Address:
Postfach 474
8803 Rüschlikon
Switzerland
Fax: +41 1 704 57 10
Tel.: +41-1-704 57 02
Email: sabine.jacob@ilw.agrl.ethz.ch

General Database Information
Languages: German, French, Italian, English will be added in the future
Food Description: Formaly according to COST 99 / EUROFOODS Recommendations. However, not all properties suggested in the recommendations are supported. Foods are also classified using the Swiss product code classification system.
Component Description: According to COST 99 / EUROFOODS Recommendations, incl. INFOODS Tagnames
Value Description: According to COST 99 / EUROFOODS Recommendations, incl. proprietary three level quality index for each value.

Copyright Policy
No policy known yet.

Further Remarks
A first version of the Swiss Food Composition Database will be ready at the end of 2000. At the same time a Swiss Food Composition Table will be published. It is also planned to publish the data in electronic form (files, on-line for subscribers) and to integrate the data in third party software products for various applications. It is planned to produce a table with about 1000 typical foods used in the Swiss diet. The data are obtained partly from local analytical sources. If no Swiss analytical data are available, we evaluate literature data, especially the food composition databases of our neighbouring countries.

The Project has its own homepage at http://food.ethz.ch/swifd/.
<table>
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<tr>
<th>Responsible Organisation</th>
<th>Contact Person</th>
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<tr>
<td>Food Control Directorate</td>
<td>Dep.Gen.Dir. Ismail Mert</td>
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<td>Ministry of Agriculture</td>
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<td>Turkey</td>
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</tr>
<tr>
<td>Fax: +90 312 4181262</td>
<td>Tel.: +90 312 4182341</td>
</tr>
<tr>
<td>Tel.: +90 312 4174176</td>
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**General Database Information**

- **Nr. of Foods:** 250
- **Covered Food Groups:** All
- **Types of Food:**
  - Basic Foods: 20%
  - Dishes: 5%
  - Brands: 75%
- **Data is Suitable for:**
  - Natl. Use Only: 85%
  - Internatl. Use: 15%
- **Data is Based on:**
  - Own Analysis: 50%
  - Literature: 40%
  - Calculation: 5%
  - Estimation: 5%
- **Languages:** Turkish
- **Food Description:** Own system
- **Component Description:** According to Institute of Turkish Standards Documents for accordance with EU and CODEX forms are being prepared
- **Value Description:** Method of analysis or calculation for each value/component, quality index for some products only; minimum, maximum
United Kingdom

Responsible Organisation
Her Majesty's Stationery Office (HMSO)
St. Clements HoUse:
2-16 Colegate
NR3 1BQ Norwich
UK
Fax: +44 1603 723000
Tel.: +44 1603 621000
WWW: http://www.hmso.gov.uk/copy.htm

Contact Person
Mr. Ian Quaterman
Copyright

St. Clements HoUse: Copyright
2-16 Colegate
NR3 1BQ Norwich
UK
Fax: +44 1603 723000
Tel.: +44 1603 723007
Email: IanQuaterman@cabinet-office.x.gsi.gov.uk

General Database Information
Nr. of Foods: 3200
Covered Food Groups: All
Types of Food:
Basic Foods: %
Dishes: 20%
Brands: %
Data is Based on:
Own Analysis: 70%
Literature: 10%
Calculation: 15%
Estimation: 5%
Languages: English, Scientific names
Food Description: Not applicable
Component Description: Not applicable
Value Description: Method of analysis or calculation for each value/component Analyses in accredited labs, all data reviewed by expert committee (published in scientific papers)

Copyright Policy
Private Use: Source of data should be quoted where appropriate.
Use in Other Databases: Permission must be obtained to reproduce data in printed format. Fee depends on quantity of data and sales.
Commercial Use: By license only. Royalties payable on copies of the data sold.

Further Remarks
Nearly all recipes are calculated.
### United Kingdom

#### Publications

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Food Groups

Food groups referenced in the data field Covered Food Groups

1. Milk and milk products
2. Eggs and egg products
3. Meat and meat products
4. Fish, molluscs, reptiles, crustaceans and -products
5. Oils, fats and -products
6. Grains and grain products
7. Pulses, seeds, kernels, nuts, and -products
8. Vegetables and vegetable products
9. Fruits and fruit products
10. Sugar, chocolate, confectionery and -products
11. Beverages (non-milk)
12. Miscellaneous, soups, sauces, snacks and -products
13. Products for special nutritional use