

Worksheet for the 2010 Food Composition Database Questionnaire

This worksheet is intended to help you gather the information necessary to complete the 2010 Food Composition Database Questionnaire. All instructions and questions from the 2010 Food Composition Database Questionnaire are presented here, so that you can gather needed information before beginning the online survey. In order to be listed in the 2010 International Nutrient Databank Directory you must complete the online survey by accessing

2010 Food Composition Database Questionnaire

This questionnaire is directed to food composition database developers and software vendors.

Your answers to the following questions will be compiled and reported in the *2010 International Nutrient Database Directory*.

If you have any questions about the survey content, please email Thea Zimmerman at TheaZimmerman@westat.com. For technical questions about use of the online survey, contact Phyllis Stumbo at phyllis-stumbo@uiowa.edu

New website! The International Nutrient Database Directory is being converted to a website. Submissions received by **June 14, 2010** will be presented at the **2010 National Nutrient Databank Conference**. The website will be updated periodically with submissions received after that date.

SURVEY TIPS:

- Use the 'Tab' key or mouse click to advance to the next response field and the 'Next Page' and 'Previous Page' buttons to move from page to page.
- You may exit the survey at any point and return to it later.
- Select the "Submit Survey" button on the last page of the survey when you are ready for your survey responses to be tabulated.

DATABASE SOURCE. (*required fields)

Company/Organization: _____

Contact Information

Name _____
Address _____
City _____
State _____
ZIP _____
Country _____
Email _____
Phone _____
Website _____

DATABASE DESCRIPTON.

Please list the name of the database you will be describing in this questionnaire. If you have additional databases you may briefly describe them at the end of this survey.

1. Database name: _____

2. DATABASE TYPE(select one)

- **Reference Database** (national and regional databases)

Reference databases generally include analytical data and information about sampling, sources and methods. They are often national, regional or specialty databases that are not typically associated with a software application. The USDA standard reference database and Canadian Nutrient File are examples of reference databases>

- **User Database** (a database accompanying user software or publication)

User databases for software applications are often built around one or more reference databases supplemented with data from other sources. The ESHA database and the CBORD database are examples of user databases designed for specific applications.

IF REFERENCE DATABASE WAS SELECTED, GO TO QUESTION 15

3. User Database incorporates data from: (select one)

- A single Reference Database with NO supplemental data from other sources
- A single Reference Database WITH supplemental data from other sources
- One or more Reference Databases, with or without supplemental data from other sources

4. Select the main purpose of this User Database (select one)

- Nutritional Assessment (diets, recipes, menus)
- Nutrition Labeling
- Printed Book Tables
- Other, specify

IF ONE OR MORE DATABASES WAS SELECTED IN QUESTION 3, GO TO QUESTION 16

5. Please list the name of the software application you provide for use with this database:

6. Software Version

- Date of current version _____
- Year first published _____

7. Frequency of updates (select one)

- More than 2/year
- Twice a year
- Yearly
- Every 2-3 years
- Other, specify _____

8. Select the Reference Database used (select one)

- USDA Food and Nutrient Database for Dietary Studies (FNDDS)
- USDA Nutrient Database for Standard Reference (SR)
- Canadian Nutrient File
- MEXFOODS, Mexican Food Composition Tables
- Other, specify _____

9. Please enter the version of the Reference Database used.

USDA FNDDS _____

USDA SR _____

Canadian Nutrient File (year) _____

MEXFOODS _____

Other database _____

10. Available formats (select all that apply)

- Diskette, CD, or DVD
- Internet Download, run locally
- Run from remote Internet source
- In-house use for contract service

11. Software application is available in which languages? (select all that apply)

- English
- Spanish
- French
- German
- Other, specify _____

12. Current Price (US\$) _____

13. Market (select all that apply)

- Industry food labeling
- Hospital food service
- Dietary assessment

- Recipe and menu analysis
- General public
- Other, specify

14. Added features (select all that apply)

- Diabetic Exchange Groups
- Food Guide Pyramid Groups
- Physical activity
- Basal and/or total energy requirement
- Other, specify

PLEASE GO TO QUESTION 50

15. Select the main purpose of this Reference Database (select one)

- National Database
- Regional Database
- Specialty Database (specify in comments field)
- National Survey Database
- Other, specify: _____

16. Database Version

- Date of current version _____
- Year first published _____

17. How often are database updates provided? Select one.

- More than 2/year
- Twice a year
- Yearly
- Every 2-3 years
- Other, specify _____

18. Database is available in which language? Select all that apply.

- English
- Spanish
- French
- German
- Other, specify _____

19. Database is available in which formats? Select all that apply

- Printed
- Diskette, CD, or DVD

- Internet Download
- With Software application only
- In-house use for contract service

20. Database is available in which file formats? Select all that apply

- Access
- ASCII
- Excel
- Text
- Other, specify _____

21. Database Characteristics

- Number of foods _____
- Number of nutritional components _____
- Number of food groups _____
- Number of characters in food name _____

22. Select all sources used to compile this database.

- USDA Food and Nutrient Database for Dietary Studies (FNDDS)
- USDA Nutrient Database for Standard Reference (SR)
- Canadian Nutrient File
- MEXFOODS, Mexican Food Composition Tables
- Manufacturers label data
- Manufacturers pre-label data
- Literature sources
- Recipes
- Imputed values
- Other, specify _____

23. Please enter versions of source databases used.

USDA FNDDS _____
 USDA SR _____
 Canadian Nutrient File (year) _____
 MEXFOODS _____
 Other database _____

NUTRITIONAL COMPONENTS.

The questions on this page and on the next four pages ask you to enter the percent of items in the database for which a value IS supplied.

Please enter a number between 0 and 100.

0 = no values are provided for this component for any food in the database.

100 = a value is provided for this component for all foods.

(Value must be between 0 and 100.)

24. Energy, Water, and Alcohol

Energy as Kcal _____

Energy as kJ _____

Water _____

Alcohol _____

Ash _____

25. Carbohydrate and Fiber

Total Carbohydrate _____

Define Method for Total Carbohydrate _____

Total Sugars _____

Total dietary fiber _____

Insoluble fiber _____

Soluble fiber _____

Glycemic Index _____

26. Protein and Amino Acids

Protein _____

27. Database lists amino acids?

- Yes
- No → GO TO QUESTION 29

28. Amino acids (select all provided)

Alanine

Arginine

Aspartic acid

Cystine

Glutamic acid

Glycine

Histidine

Hydroxyproline

Isoleucine

Leucine

Lysine

Methionine

Phenylalanine

Proline

Serine

Threonine
Tryptophan

Tyrosine
Valine

29. Fat and Sterols

Total fat _____

Cholesterol _____

Phytosterol _____

Stigmasterol _____

Campesterol _____

B-sitosterol _____

Total Saturated _____

Total Monounsaturated _____

Total Polyunsaturated _____

Total Trans _____

Total Omega-3 (n-3) _____

Total Omega-6 (n-6) _____

30. Database lists individual fatty acids?

- Yes
- No → GO TO QUESTION 32

31. Fatty acids (select all provided)

4:0	18:0	22:1 undifferentiated	20:4 n-6
6:0	20:0	24:1	20:5 n-3 (EPA)
8:0	22:0	18:2 undifferentiated	21:5
10:0	24:0	18:3 undifferentiated	22:4
12:0	14:1	18:4	22:5 n-3 (DPA)
13:0	15:1	20:2 n-6	22:5 n-3 (DHA)
14:0	16:1 undifferentiated	20:3 undifferentiated	
15:0	17:1	20:3 n-3	
16:0	18:1 undifferentiated	20:3 n-6	
17:0	20:1	20:4 undifferentiated	

32. Vitamin A

International units (IU) _____

Retinol (mcg) _____

Retinol equivalents (RE) _____

Retinol activity equivalents (RAE) _____

33. Carotenoids

Alpha carotene _____

Beta carotene _____

Beta cryptoxanthin _____

Lutein/zeaxanthin _____

Lycopene _____

Other carotenoids _____

34. Tocopherols

Vitamin E, IU _____

ATE-alpha tocopherol equivalents _____

Alpha tocopherol _____

Beta tocopherol _____

Gamma tocopherol _____

Delta tocopherol _____

35. Vitamin D

Vitamin D3 _____

36. Water-soluble Vitamins

Vitamin C _____

Thiamin _____

Riboflavin _____
Pantothenic Acid _____
Vitamin B6 _____
Vitamin B12 _____
Niacin, preformed _____
Niacin Equivalents _____
Folate, total _____
Food folate _____
Folic acid (added) _____
DFE, dietary folate equivalents _____

37. Minerals and Trace Elements

Calcium _____
Phosphorus _____
Magnesium _____
Iron _____
Zinc _____
Sodium _____
Potassium _____
Selenium _____
Copper _____
Chromium _____
Molybdenum _____
Manganese _____
Fluoride _____
Iodine _____

38. Other Components

Additional component #1: specify _____

%complete for #1 _____

Additional component #2: specify _____

%complete for #2 _____

Additional component #3: specify _____

%complete for #3 _____

39. Please list any other details or clarifications about additional components: _____

SOFTWARE.

40. Please list the name of the software application you provide for use with this database. You will have the opportunity to enter information for up to two software programs.

Program Name #1: _____

41. Is the application a Food Frequency Questionnaire?

- Yes
- No → GO TO QUESTION 44

42. How was the Food list for the questionnaire determined?

- Analyses of national surveillance data (CSFII, NHANES, etc.)
- Analyses of study data (Framingham, etc.)
- Analyses of a foods database (Standard Reference, NDSR, etc.)
- Food guidance (USDA MyPyramid, USDA/DHS or other Guidelines)
- Other, specify _____

43. How were nutrient values determined for foods/food groups on the questionnaire?

44. Available formats (select all that apply)

- Diskette, CD, or DVD
- Internet Download, run locally
- Run from remote Internet source

- In-house use for contract service

45. Current Price (US\$) _____

46. Documentation for database values (select one)

- General information credentialing all sources used
- Major data sources given for each individual food
- Specific data source given for each component for each food
- Other, specify _____

47. Market (select all that apply)

- Industry food labeling
- Hospital food service
- Dietary assessment
- Recipe and menu analysis
- General public
- Other, specify _____

48. Added features (select all that apply)

- Diabetic Exchange Groups
- Food Guide Pyramid Groups
- Physical activity
- Basal and/or total energy requirement
- Other, specify _____

49. Do you offer another software program for use with this database?

- Yes
- No

IF YES TO QUESTION 49, COMPLETE QUESTIONS 40-49 FOR THE 2ND SOFTWARE PROGRAM

50. Please list any other details or clarifications about your database and/or software not addressed by this questionnaire: _____

51. Please list any comments or suggestions on how we can make this survey easier to complete.

To add your responses to the 2010 International Nutrient Databank Directory, please access the survey at: <https://survey.uiowa.edu/wsb.dll/16/2010databasesurvey.htm>

