Bibliography

References for USDA SR Nutrient Data

Adams, C.F. 1975. Nutritive value of American foods in common units. U.S. Department of Agriculture, Agricultural Handbook 456.

Association of Official Analytical Chemists. 2003. Official methods of analysis, 17th ed., 2nd revision. AOAC International, Gaithersburg, MD.

Booth, S.L., K.W. Davidson, and J.A. Sadowski. 1994. Evaluation of an HPLC method for the determination of phylloquinone (vitamin K1) in various food matrices. Journal of Agricultural and Food Chemistry 42:295-300.

Chun, J., Martin, J.A., Chen, L., Lee, J., Ye, L., Eitenmiller, R. 2004. A differential assay of folic acid and total folate in foods containing enriched cereal-grain products to calculate µg dietary folate equivalents (µg DFE). Journal of Food Composition and Analysis 19(2-3): 182-187.

Fulton, L., E. Matthews, and C. Davis. 1977. Average weight of a measured cup of various foods. U.S. Department of Agriculture, Home Economics Research Report 41.

Gebhardt, S.E., and R.G. Thomas. 2002. Nutritive value of foods. U.S. Department of Agriculture, Home and Garden Bulletin 72.*

Holden, J.M., S.A. Bhagwat, and K.Y. Patterson. 2002. Development of a multi-nutrient data quality evaluation system. Journal of Food Composition and Analysis 15(4):339-348.*

Holden, J.M., A.L. Eldridge, G.R. Beecher, et al. 1999. Carotenoid content of U.S. foods: An update of the database. Journal of Food Composition and Analysis 12:169-196.*

INFOODS. 2006. Tagnames for Food Components. INFOODS website: www.fao.org/infoods/tagnames_en.stm.

Institute of Medicine. 2001. Dietary reference intakes for vitamin A, vitamin K, arsenic, boron, chromium, copper, iodine, iron, manganese, molybdenum, nickel, silicon, vanadium, zinc. National Academy Press, Washington, DC.

Institute of Medicine. 2000. Dietary reference intakes for vitamin C, vitamin E, selenium, and carotenoids. National Academy Press, Washington, DC.

Institute of Medicine. 1998. Dietary reference intakes for thiamin, riboflavin, niacin, vitamin B6, folate, vitamin B12, pantothenic acid, biotin, and choline. National Academy Press, Washington, DC.

Jones, D.B. 1941. Factors for converting percentages of nitrogen in foods and feeds into percentages of protein. U.S. Department of Agriculture, Circular 83, slight revision.*

Koc, H., Mar, M. H., Ranasinghe, A., Swenberg, J. A., and Zeisel, S. H. 2002. Quantitation of choline and its metabolites in tissues and foods by liquid chromatography/electrospray ionization-isotope dilution mass spectrometry. Analytical Chemistry. 74:4734-4740.

Korz, S., and N.L. Johnson. 1988. Encyclopedia of statistical sciences. Vol. 8, pp. 261-262, John Wiley and Son, New York, NY.

Kubota, J., and W.H. Allaway. 1972. Geographic distribution of trace element problems. In J.J.

Mortvedt, ed., Micronutrients in Agriculture: Proceedings of Symposium held at Muscle Shoals, Alabama, pp. 525-554. Soil Science Society of America, Madison, WI.

Lee, J., Suknark, K., Kluvitse, Y., Philips, R.D, Eitenmiller, R.R. 1999. Rapid liquid chromatographic assay of vitamin E and retinyl palmitate in extruded weaning foods. Journal of Food Science 64:968-972.

Leonard, S.W., C.K. Good, E.T. Gugger, and M.G. Traber. 2004. Vitamin E bioavailability from fortified breakfast cereal is greater than that from encapsulated supplements. American Journal of Clinical Nutrition 79:86-92.

Liem, I.I.H., K.H. Steinkraus, and J.C. Cronk. 1977. Production of vitamin B12 in tempeh: A fermented soybean food. Applied Environmental Microbiology 34:773-776.

Livesay, G., and E. Marinos. 1988. Estimation of energy expenditure, net carbohydrate utilization, and net fat oxidation and synthesis by indirect calorimetry: Evaluation of errors with special reference to the detailed composition of fuels. American Journal of Clinical Nutrition 47:608-628.

Mangels, A.R., J.M. Holden, G.R. Beecher, et al. 1993. Carotenoid content of fruits and vegetables: An evaluation of analytic data. Journal of the American Dietetic Association 93:284-296.

Martin, J.I., W.O. Landen, A.M. Soliman, and R.R. Eitenmiller. 1990. Application of a trienzyme extraction for total folate determination in foods. Journal of the Association of Analytical Chemistry 73:805-808.

Matthews, R.H., and Y.J. Garrison. 1975. Food yields summarized by different stages of preparation. U.S. Department of Agriculture, Agriculture Handbook 102.*

Merrill, A.L., and B.K. Watt. 1973. Energy value of foods: Basis and derivation, revised. U.S. Department of Agriculture, Agriculture Handbook 74.*

Murphy, E.W., P.E. Criner, and B.C. Gray. 1975. Comparison of methods for determining retentions of nutrients in cooked foods. Journal of Agriculture and Food Chemistry 23:1153.*

National Academy of Sciences, National Research Council. 1989. Recommended dietary allowances, 10th ed. National Academy Press, Washington, DC.

Pehrsson, P.R., D.B. Haytowitz, J.M. Holden, and C.R. Perry. 2000. USDA's national food and nutrient analysis program: Food sampling. Journal of Food Composition and Analysis 13:379-389.*

Reamer, D.C., and C. Veillon. 1981. Determination of selenium in biological materials by stable isotope dilution gas chromatography-mass spectrometry. Analytical Chemistry 53(14):2166-2169.

Schakel, S.F., I.M. Buzzard, and S.E. Gebhardt. 1997. Procedures for estimating nutrient values in food composition databases. Journal of Food Composition and Analysis 10:102-114.*

Sheppard, A.J. 1992. Lipid Manual: Methodology Suitable for Fatty acid-Cholesterol Analysis. William C. Brown Publishers, Dubuque, IA.

U.S. Department of Agriculture, Agricultural Research Service. 1976. Composition of foods: Dairy and egg products; raw, processed, prepared. Agriculture Handbook 8-1.

- U.S. Department of Agriculture, Agricultural Research Service. 1977. Composition of foods: Spices and herbs; raw, processed, prepared. Agriculture Handbook 8-2.
- U.S. Department of Agriculture, Agricultural Research Service. 1978. Composition of food: Baby foods; raw, processed, prepared. Agriculture Handbook 8-3.
- U.S. Department of Agriculture, Agricultural Research Service. 1979. Composition of foods: Fats and oils; raw, processed, prepared. Agriculture Handbook 8-4.
- U.S. Department of Agriculture, Agricultural Research Service. 1979. Composition of foods: Poultry products; raw, processed, prepared. Agriculture Handbook 8-5.
- U.S Department of Agriculture, Agricultural Research Service. 1980. Composition of foods: Soups, sauces, and gravies; raw, processed, prepared. Agriculture Handbook 8-6.
- U.S. Department of Agriculture, Agricultural Research Service. 1980. Composition of foods: Sausages and luncheon meats; raw, processed, prepared. Agriculture Handbook 8-7.
- U.S. Department of Agriculture, Agricultural Research Service. 1982. Composition of foods: Breakfast cereals; raw, processed, prepared. Agriculture Handbook 8-8.
- U.S. Department of Agriculture, Agricultural Research Service. 1982. Composition of foods: Fruits and fruit juices; raw, processed, prepared. Agriculture Handbook 8-9.
- U.S. Department of Agriculture, Agricultural Research Service. 1992. Composition of foods: Pork products; raw, processed, prepared. Agriculture Handbook 8-10.
- U.S. Department of Agriculture, Agricultural Research Service. 1984. Composition of foods: Vegetables and vegetable products; raw, processed, prepared. Agriculture Handbook 8-11.
- U.S. Department of Agriculture, Agricultural Research Service. 1984. Composition of foods: Nut and seed products; raw, processed, prepared. Agriculture Handbook 8-12.
- U.S. Department of Agriculture, Agricultural Research Service. 1990. Composition of foods: Beef products; raw, processed, prepared. Agriculture Handbook 8-13.
- U.S. Department of Agriculture, Agricultural Research Service. 1986. Composition of foods: Beverages; raw, processed, prepared. Agriculture Handbook 8-14.
- U.S. Department of Agriculture, Agricultural Research Service. 1987. Composition of foods: Finfish and shellfish products; raw, processed, prepared. Agriculture Handbook 8-15.
- U.S. Department of Agriculture, Agricultural Research Service. 1986. Composition of foods: Legumes and legume products; raw, processed, prepared. Agriculture Handbook 8-16.
- U.S. Department of Agriculture, Agricultural Research Service. 1989. Composition of foods: Lamb, veal, and game products; raw, processed, prepared. Agriculture Handbook 8-17.
- U.S. Department of Agriculture, Agricultural Research Service. 1992. Composition of foods: Baked products; raw, processed, prepared. Agriculture Handbook 8-18.
- U.S. Department of Agriculture, Agricultural Research Service. 1991. Composition of foods: Snacks and sweets; raw, processed, prepared. Agriculture Handbook 8-19.

- U.S. Department of Agriculture, Agricultural Research Service. 1989. Composition of foods: Cereal grains and pasta; raw, processed, prepared. Agriculture Handbook 8-20.
- U.S. Department of Agriculture, Agricultural Research Service. 1988. Composition of foods: Fast foods; raw, processed, prepared. Agriculture Handbook 8-21.
- U.S. Department of Agriculture, Agricultural Research Service. 1990. Composition of foods: Raw, processed, prepared. Agriculture Handbook 8, 1989 Supplement.
- U.S. Department of Agriculture, Agricultural Research Service. 1991. Composition of foods: Raw, processed, prepared. Agriculture Handbook 8, 1990 Supplement.
- U.S. Department of Agriculture, Agricultural Research Service. 1992. Composition of foods: Raw, processed, prepared. Agriculture Handbook 8, 1991 Supplement.
- U.S. Department of Agriculture, Agricultural Research Service. 1993. Composition of foods: Raw, processed, prepared. Agriculture Handbook 8, 1992 Supplement.
- U.S. Department of Agriculture, Agricultural Research Service. 1992. Provisional table on the selenium content of foods. USDA, HNIS, PT-109.
- U.S. Department of Agriculture. 2003. USDA table of nutrient retention factors, release 5. Nutrient Data Laboratory Home Page at http://www.ars.usda.gov/nutrientdata.*
- U.S. Department of Agriculture, Agricultural Research Service. 2004. USDA Database for the Choline Content of Common Foods. Nutrient Data Laboratory website: http://www.ars.usda.gov/nutrientdata/choline. *
- U.S. Department of Agriculture, Agricultural Research Service. 2004. USDA Food and Nutrient Database for Dietary Studies (release 2.0) [database]. Food Surveys Research Group website: http://www.ars.usda.gov/ba/bhnrc/fsrg.
- U.S. Department of Agriculture, Agricultural Research Service. 2005. USDA National Fluoride Database of Selected Beverages and Foods Release 2. Nutrient Data Laboratory website: http://www.ars.usda.gov/nutrientdata/fluoride. *
- U.S. Food and Drug Administration, Department of Health and Human Services. 2004. Food Labeling. Code of Federal Regulations, Title 21, Pt. 101. U.S. Government Printing Office website: http://www.gpoaccess.gov/cfr/index.html.
- Van Winkle S, Levy S.M., Kiritsy M.C., Heilman J.R., Wefel J.S., Marshall T. 1995. Water and formula fluoride concentrations: Significance for infants fed formula. Pediatric Dentistry. 17(4):305-310.
- Watt, B.K., and A.L. Merrill. 1963. Composition of foods: Raw, processed, prepared. U.S. Department of Agriculture, Agriculture Handbook 8.
- Weihrauch, J.L., and A.S. Chatra. 1994. Provisional table on the vitamin K content of foods, revised. USDA, HNIS, PT-104.*
- Weihrauch, J.L., L.P. Posati, B.A. Anderson, and J. Exler. 1977. Lipid conversion factors for calculating fatty acid content of foods. Journal of the American Oil Chemists Society 54:36-40.

- Weihrauch, J.L., and J. Tamaki. 1991. Provisional table on the vitamin D content of foods. USDA, HNIS, PT-108.*
- Zeisel, S. H., and Blusztajn, J. K. 1994. Choline and human nutrition. Annual Reviews of Nutrition. 14:269-296
- Zeisel, S.H., Mar, M.H., Howe, J. C., Holden, J. M. 2003. Concentrations of choline containing compounds and betaine in common foods. Journal of Nutrition 133:1302-1307; Erratum. 2003. Journal of Nutrition. 133:2918-2919
- * Available on NDL's website: http://www.ars.usda.gov/nutrientdata

References for CNF Nutrient Data

- **1.** U.S. Department of Agriculture, Agricultural Research Service. USDA Nutrient Database for Standard Reference. Composition of Foods: Raw, Processed, Prepared. Release 14, Release 15, Release 16, Release 16-1, Release 17.
- **2.** Department of National Health and Welfare. 1981. Food and Drugs Act and Regulations. Minister of Supply and services Canada (plus electronic updates). http://www.hc-sc.gc.ca/foodaliment/friia-raaii/food_drugs-aliments_drogues/act-loi/e_index.html
- **3.** Klensin, J.C., Feskanich, D., Lin, V., Truswell, A.S., and Southgate, D.A..T. 1989. Identification of food components for INFOODS data interchange. United Nations University, Tokyo. www.fao.org/infoods/tagnames_en.stm
- **4.** Canadian Food Inspection Agency. 1996 (+amendments). Guide to Food Labelling and Advertising. www.cfia-acia.agr.ca.
- **5.** Kuhnlein, H.V., Chan, H.M., Leggee, D., Barthet, V. 2002. Macronutrient, Mineral and Fatty Acid Composition of Canadian Arctic Traditional Food. Journal of Food Composition and Analysis. 15: 545-566.
- **6.** Fediuk, K., Hidiroglou, N., Madère, R. and Kuhnlein, H.V. 2002. Vitamin C in Inuit Traditional Food and Women's Diets. Journal of Food Composition and Analysis. 15: 221-235.
- **7.** Belinsky, D.L., Kuhnlein, H.V. 2000. Macronutrient, Mineral and Fatty Acid Composition of Canada Goose (Branta Canadensis): An Important Traditional Food Resource of the Eastern James Bay Cree of Quebec. Journal of Food Composition and Analysis. 13: 101-115
- **8.** Belinsky. D.L., Kuhnlein, H.V., Yegoah, F., Penn, A.F., Chan, H.M. 1996. Composition of Fish Consumed by the James Bay Cree. Journal of Food Composition and Analysis. 9: 148-162.
- **9.** Kuhnlein, H.V., Appavoo, D., Morrison, N., Soueida, R., Pierrot, P. 1994. Use and Nutrient Composition of Traditional Sahtu (Hareskin) Dene / Métis Foods. Journal of Food Composition and Analysis. 7: 144-157.
- **10.** Kuhnlein, H.V., Soueida, R. 1992. Use and Nutrient Composition of Traditional Baffin Inuit Foods. Journal of Food Composition and Analysis. 5: 112-126.
- **11.** Kuhnlein, H.V., Kubow, S., Soueida, R. 1991. Lipid Components of Traditional Inuit Foods, and Diets of Baffin Island. Journal of Food Composition and Analysis. 4: 227-236.
- **12.** Morrison, N., Kuhnlein, H.V. 1993. Retinol Content of Wild Foods Consumed by the Sahtu (Hareskin) Dene/ Metis. Journal of Food Composition and Analysis. 6: 10-23.

- **13.** Alaska Traditional Knowledge and Native Foods Database. [on line] http://www.nativeknowledge.org/start.htm
- **14.** Association of Official Analytical Chemists. 1995. Official Methods of Analysis. 16th ed. 2 vol. Arlington, VA [and previous editions].
- **15.** Merrill, A.L. and B.K. Watt. 1973. Energy Value of Foods. Basis and Derivation. Rev. U.S. Dept. of Agric., Agric. Handb. No. 74.
- **16.** National Academy of Sciences. National Research Council. 2000. Dietary Reference Intakes For: Vitamin C, Vitamin E, Selenium and Carotenoids. National Academy Press, Washington, D.C. www.nap.edu
- **17.** National Academy of Sciences. National Research Council. 1999. Dietary Reference Intakes for: Thiamin, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Pantothenic Acid, Biotin and Choline. National Academy Press, Washington, D.C. www.nap.edu
- **18.** Weihrauch, J.L., L.P. Posati, B.A. Anderson and Exler, J. 1977. Lipid Conversion Factors for Calculating Fatty Acid Content of Foods. J. Amer. Oil Chem. Soc. 54: 36-40.
- **19.** Health Canada. 2005. Relating Canada's Food Guide to Healthy Eating to Canadian Nutrient File Foods [on line]: http://www.hc-sc.gc.ca/food-aliment/ns-sc/nr-rn/surveillance/cnffcen/e_relating_cfg.html
- **20.** Health Canada. 2005. Relating Canada's Food Guide to Healthy Eating to Canadian Nutrient File Foods Rationale [on line]: http://www.hc-sc.gc.ca/food-aliment/ns-sc/nrrn/surveillance/cnf-fcen/e_rationale.html
- **21.** Health Canada. 2005. Thresholds for Assigning Foods to Specific Groups and Subgroups [on line]: http://www.hc-sc.gc.ca/food-aliment/ns-sc/nr-rn/surveillance/cnf-fcen/e_thresholds.rtf
- **22.** Adams, C.F. 1975. Nutritive Value of American Foods in Common Units. U.S. Dept. of Agric., Agricultural Handbook No. 456.

In addition to the sources of information listed here, nutritional information was obtained by direct request from the hundreds of food manufacturers and restaurants featured in NutriBase software and books.