



## 2015-2016 Food and Nutrient Database for Dietary Studies

### Content of Datasets

The USDA Food and Nutrient Database for Dietary Studies (FNDDS) is used to convert food and beverages consumed in What We Eat In America (WWEIA), National Health and Nutrition Examination Survey into gram amounts and to determine their nutrient values.

The complete FNDDS 2015-2016 consists of 12 datasets (Access® and SAS®). New for this release – selected variables in quick view and search format (Excel®). All available for download at [www.ars.usda.gov/nea/bhnrc/fsrg](http://www.ars.usda.gov/nea/bhnrc/fsrg).

#### Food Descriptions Component

##### Main Food Descriptions (MainFoodDesc)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
Main food description	A 200	Primary description for a food/beverage
Fortification identifier code	A 2	Identifier code designating 1 = fortified item, 2 = contains fortified ingredients, 2a = contains fortified ingredients including margarine, milk, and/or flour
WWEIA Category code	N 4	Unique 4-digit identification code
WWEIA Category description	A 80	Description for a WWEIA Category

##### Additional Food Descriptions (AddFoodDesc)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
Seq num	N 2	Number for ordering additional food descriptions
Additional food description	A 80	Description(s) associated with a food code and its main description

#### Food Portions and Weights Component

##### Food Weights (FoodWeights)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
<b>Subcode</b> ‡	N 7	Unique 7-digit identification code
Seq num	N 2	Number for ordering portion codes
<b>Portion Code</b> ‡	N 5	Unique 5-digit identification code for a portion description
Portion weight	N 8.3	Edible portion in grams (g)

##### Food Portion Descriptions (FoodPortionDesc)

Field Name	Field Type	Description
<b>Portion Code</b> ‡	N 5	Unique 5-digit identification code for a portion description
Portion description	A 120	Unit of measure

##### Subcode Descriptions (SubcodeDesc)

Field Name	Field Type	Description
<b>Subcode</b> ‡	N 7	Unique 7-digit identification code
Subcode description	A 80	Candy or snack cake that has unique portion weights

##### Food Code-Subcode Links (FoodSubcodeLinks)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
<b>Subcode</b> ‡	N 7	Unique 7-digit identification code

## Nutrients Component

### FNDDS Nutrient Values (FNDDSNutVal)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
<b>Nutrient code</b> ‡	N 5	Identifies a nutrient
Nutrient value	N 10.x	Amount per 100 g edible portion for energy and 64 nutrients

### Nutrient Descriptions (NutDesc)

Field Name	Field Type	Description
<b>Nutrient code</b> ‡	N 5	Identifies a nutrient
Nutrient description	A 45	Description of nutrient or food component
Tagname	A 15	INFOODS international food component identifier
Unit	A 10	Measurement unit for nutrient value
Decimals	N 1	Number of decimal places

### Moisture Adjustment (MoistAdjust)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
Moisture change	N 5.1	Percentage moisture change of total weight

### FNDDS Ingredients (FNDDSIngred)

Field Name	Field Type	Description
<b>Food code</b> ‡	N 8	Unique 8-digit identification code
Seq num	N 2	Number for ordering ingredients
<b>Ingredient code</b> ‡	N 8	Identifies SR (NDB_No) or FNDDS code
Ingredient description	A 240	Description of SR or FNDDS code
Amount	N 11.3	Number of measures of ingredient code
Measure	A 3	Unit of measure to quantify amount of ingredient code
<b>Portion code</b> ‡	N 5	Unique 5-digit identification code for a portion description
Retention code	N 4	Retention factor identification code
Ingredient weight	N 11.3	Edible portion in grams (g)

### Ingredient Nutrient Values (IngredNutVal)

Field Name	Field Type	Description
<b>Ingredient code</b> ‡	N 8	Identifies SR code
SR description	A 200	Description of SR code
<b>Nutrient code</b> ‡	N 5	Identifies a nutrient
Nutrient value	N 10.x	Amount per 100 g edible portion for energy and 64 nutrients
Nutrient value source	A 80	SR database or other source for nutrient value
<b>SR 28 derivation code</b> ‡	A 4	Identifies derivation descriptor as defined by SR
SR 28 AddMod year	N 4	Indicates year a value added or last modified as defined by SR

### Derivation Descriptions (DerivDesc)

Field Name	Field Type	Description
<b>SR 28 derivation code</b> ‡	A 4	Identifies derivation descriptor as defined by SR
SR 28 derivation description	A 120	Description of SR derivation code

‡ linking field across files

Note: Start/end dates included on all datasets (except NutDesc and DerivDesc) indicate time period corresponding to WWEIA data.