

# Open Food Facts

## Explore nutrition facts from foods around the world

### A food products database

[Open Food Facts](#) is a free, open, collaborative database of food products from around the world, with ingredients, allergens, nutrition facts and all the tidbits of information we can find on product labels.

### Made by everyone

Open Food Facts is a non-profit association of volunteers. 5000+ contributors like you have added 600 000+ products from 150 countries using our [Android](#), [iPhone](#) or Windows Phone app or their camera to scan barcodes and upload pictures of products and their labels.

### For everyone

Data about food is of public interest and has to be open. The [complete database](#) is published as open data and can be reused by anyone and for any use. Check-out the cool reuses or make your own!

### Dataset structure

The dataset contains a single table, FoodFacts, in CSV form in FoodFacts.csv and in SQLite form in database.sqlite.

The columns in Open Food Facts are as follows:

- **code** (text)
- **url** (text)
- **creator** (text)
- **created\_t** (text)
- **created\_datetime** (text)
- **last\_modified\_t** (text)
- **last\_modified\_datetime** (text)
- **product\_name** (text)
- **generic\_name** (text)
- **quantity** (text)
- **packaging** (text)
- **packaging\_tags** (text)
- **brands** (text)
- **brands\_tags** (text)
- **categories** (text)
- **categories\_tags** (text)
- **categories\_en** (text)
- **origins** (text)
- **origins\_tags** (text)

- **manufacturing\_places** (text)
- **manufacturing\_places\_tags** (text)
- **labels** (text)
- **labels\_tags** (text)
- **labels\_en** (text)
- **emb\_codes** (text)
- **emb\_codes\_tags** (text)
- **first\_packaging\_code\_geo** (text)
- **cities** (text)
- **cities\_tags** (text)
- **purchase\_places** (text)
- **stores** (text)
- **countries** (text)
- **countries\_tags** (text)
- **countries\_en** (text)
- **ingredients\_text** (text)
- **allergens** (text)
- **allergens\_en** (text)
- **traces** (text)
- **traces\_tags** (text)
- **traces\_en** (text)
- **serving\_size** (text)
- **no\_nutriments** (numeric)
- **additives\_n** (numeric)
- **additives** (text)
- **additives\_tags** (text)
- **additives\_en** (text)
- **ingredients\_from\_palm\_oil\_n** (numeric)
- **ingredients\_from\_palm\_oil** (numeric)
- **ingredients\_from\_palm\_oil\_tags** (text)
- **ingredients\_that\_may\_be\_from\_palm\_oil\_n** (numeric)
- **ingredients\_that\_may\_be\_from\_palm\_oil** (numeric)
- **ingredients\_that\_may\_be\_from\_palm\_oil\_tags** (text)
- **nutrition\_grade\_uk** (numeric)
- **nutrition\_grade\_fr** (text)
- **pns\_groups\_1** (text)
- **pns\_groups\_2** (text)
- **states** (text)
- **states\_tags** (text)
- **states\_en** (text)
- **main\_category** (text)
- **main\_category\_en** (text)
- **image\_url** (text)
- **image\_small\_url** (text)
- **energy\_100g** (numeric)
- **energy\_from\_fat\_100g** (numeric)
- **fat\_100g** (numeric)
- **saturated\_fat\_100g** (numeric)
- **butyric\_acid\_100g** (numeric)
- **caproic\_acid\_100g** (numeric)
- **caprylic\_acid\_100g** (numeric)

- **capric\_acid\_100g** (numeric)
- **lauric\_acid\_100g** (numeric)
- **myristic\_acid\_100g** (numeric)
- **palmitic\_acid\_100g** (numeric)
- **stearic\_acid\_100g** (numeric)
- **arachidic\_acid\_100g** (numeric)
- **behenic\_acid\_100g** (numeric)
- **lignoceric\_acid\_100g** (numeric)
- **cerotic\_acid\_100g** (numeric)
- **montanic\_acid\_100g** (numeric)
- **melissic\_acid\_100g** (numeric)
- **monounsaturated\_fat\_100g** (numeric)
- **polyunsaturated\_fat\_100g** (numeric)
- **omega\_3\_fat\_100g** (numeric)
- **alpha\_linolenic\_acid\_100g** (numeric)
- **eicosapentaenoic\_acid\_100g** (numeric)
- **docosahexaenoic\_acid\_100g** (numeric)
- **omega\_6\_fat\_100g** (numeric)
- **linoleic\_acid\_100g** (numeric)
- **arachidonic\_acid\_100g** (numeric)
- **gamma\_linolenic\_acid\_100g** (numeric)
- **dihomo\_gamma\_linolenic\_acid\_100g** (numeric)
- **omega\_9\_fat\_100g** (numeric)
- **oleic\_acid\_100g** (numeric)
- **elaidic\_acid\_100g** (numeric)
- **gondoic\_acid\_100g** (numeric)
- **mead\_acid\_100g** (numeric)
- **erucic\_acid\_100g** (numeric)
- **nervonic\_acid\_100g** (numeric)
- **trans\_fat\_100g** (numeric)
- **cholesterol\_100g** (numeric)
- **carbohydrates\_100g** (numeric)
- **sugars\_100g** (numeric)
- **sucrose\_100g** (numeric)
- **glucose\_100g** (numeric)
- **fructose\_100g** (numeric)
- **lactose\_100g** (numeric)
- **maltose\_100g** (numeric)
- **maltodextrins\_100g** (numeric)
- **starch\_100g** (numeric)
- **polyols\_100g** (numeric)
- **fiber\_100g** (numeric)
- **proteins\_100g** (numeric)
- **casein\_100g** (numeric)
- **serum\_proteins\_100g** (numeric)
- **nucleotides\_100g** (numeric)
- **salt\_100g** (numeric)
- **sodium\_100g** (numeric)
- **alcohol\_100g** (numeric)
- **vitamin\_a\_100g** (numeric)
- **beta\_carotene\_100g** (numeric)

- **vitamin\_d\_100g** (numeric)
- **vitamin\_e\_100g** (numeric)
- **vitamin\_k\_100g** (numeric)
- **vitamin\_c\_100g** (numeric)
- **vitamin\_b1\_100g** (numeric)
- **vitamin\_b2\_100g** (numeric)
- **vitamin\_pp\_100g** (numeric)
- **vitamin\_b6\_100g** (numeric)
- **vitamin\_b9\_100g** (numeric)
- **vitamin\_b12\_100g** (numeric)
- **biotin\_100g** (numeric)
- **pantothenic\_acid\_100g** (numeric)
- **silica\_100g** (numeric)
- **bicarbonate\_100g** (numeric)
- **potassium\_100g** (numeric)
- **chloride\_100g** (numeric)
- **calcium\_100g** (numeric)
- **phosphorus\_100g** (numeric)
- **iron\_100g** (numeric)
- **magnesium\_100g** (numeric)
- **zinc\_100g** (numeric)
- **copper\_100g** (numeric)
- **manganese\_100g** (numeric)
- **fluoride\_100g** (numeric)
- **selenium\_100g** (numeric)
- **chromium\_100g** (numeric)
- **molybdenum\_100g** (numeric)
- **iodine\_100g** (numeric)
- **caffeine\_100g** (numeric)
- **taurine\_100g** (numeric)
- **ph\_100g** (numeric)
- **fruits\_vegetables\_nuts\_100g** (numeric)
- **collagen\_meat\_protein\_ratio\_100g** (numeric)
- **cocoa\_100g** (numeric)
- **chlorophyll\_100g** (numeric)
- **carbon\_footprint\_100g** (numeric)
- **nutrition\_score\_fr\_100g** (numeric)
- **nutrition\_score\_uk\_100g** (numeric)