

FOSDEM 2026

# Open Prices

*the first open crowdsourced database of (food) prices*

Alex Bourreau & Raphael Odini

2026-01-31

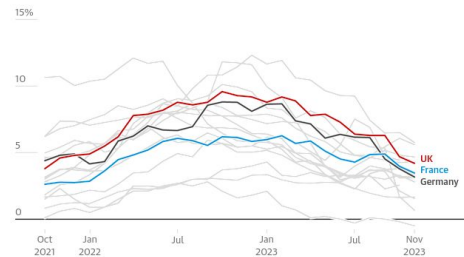


# Why Open Prices?

Some use cases:

- Track inflation or shrinkflation
- Check product availability (country, city, stores)
- Compare grocery prices before buying
- Track own consumption (share of organic products, nutrients, budget ..)
- Compare prices across stores, cities, countries (and time)
- Facilitate in-store price check campaigns
- ...

Consumer price index for select G20 countries, %



Guardian graphic. Source: OECD. Note: data excludes Argentina and Russia



# Groundwork and rules

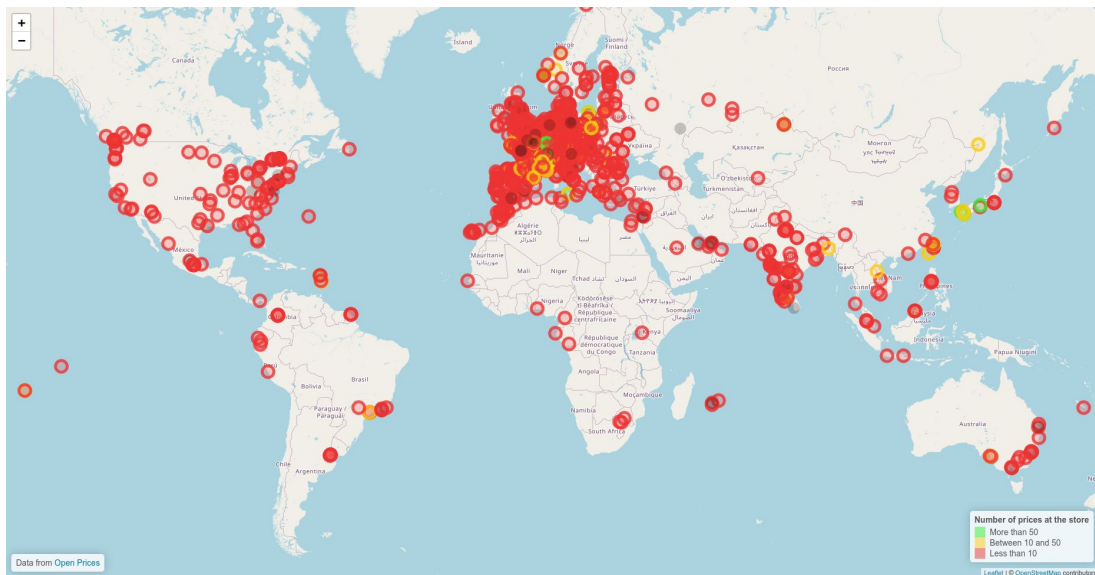
- Let's be part of Open Food Facts (4M products)
- And OpenStreetMap's shops
- A few rules
  - price + product + location + date + contributor + proof 🤖
  - no web scraping 🤖
  - start from zero, no historical data 🤖



Building a dataset you can trust, with no long-term legal risks



# How is it going?



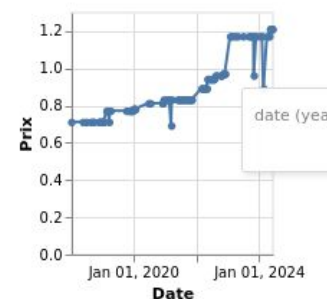
150,000  
prices

4,500  
locations

48,000  
proofs

2,300  
contributors

8,000+ prices per month



<https://prices.openfoodfacts.org/stats>  
[https://dmayaux.shinyapps.io/open\\_prices](https://dmayaux.shinyapps.io/open_prices)





THANKS

