

FOSDEM 2026

Open Prices

the first open crowdsourced database of (food) prices

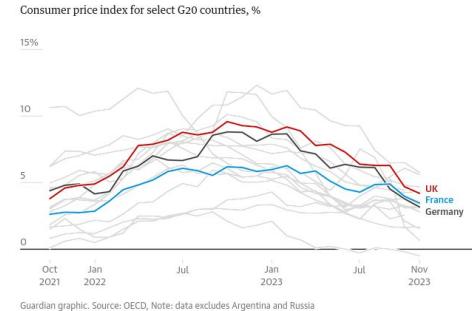
Alex Bourreau & Raphael Odini



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
- ...



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 



OpenStreetMap



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

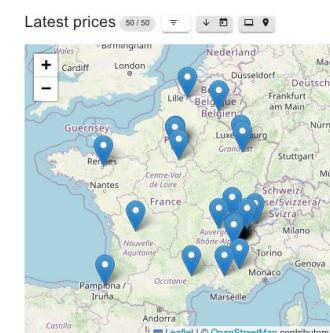
Open Prices

Petites Madeleines pépites chocolat

50 St Michel 400 g
11 categories 1 labels

Latest prices 50 / 50

Leaflet | © OpenStreetMap contributors



Be Nuts ! - Pâte à tartiner Cacahuète

5 Andros 325 g
2,67 € (8,22 € / kg)

Auchan Supermarché, Grenoble FR jbieber
18/09/2024 17h

OpenStreetMap contributors

Broccoli

France Organic

6,05 € / kg

Bio C' Bon, Vincennes FR raphael0202
16/09/2024 19h

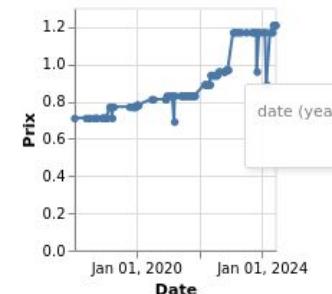
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Pesto alla Genovese 135g

7 Italians do it better 135 g
4,79 € (35,48 € / kg) Discount

Monoprix, Paris FR monsieurutanuki
18/09/2024 21h

OpenStreetMap contributors



<https://prices.openfoodfacts.org/stats>
https://dmayaux.shinyapps.io/open_prices





THANKS

