

WHAT CONTRIBUTES TO ANNUAL INFLATION?

New OECD database

Time series of contributions to annual national CPI in **35 OECD countries** for **12 COICOP divisions**, **Energy** and **Total inflation less food less energy**.

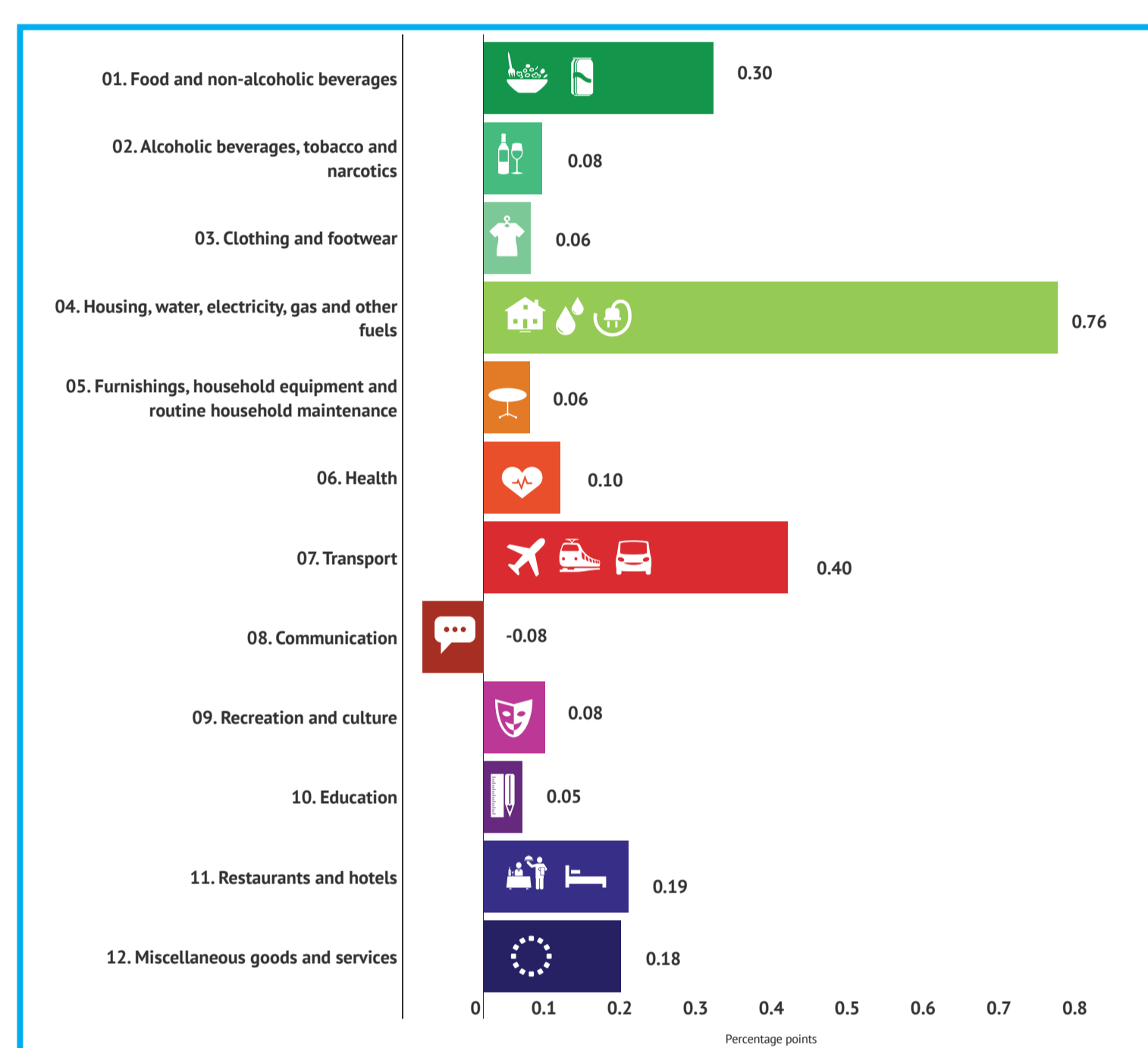
WHAT?

Showing how much each inflation component (Food, Energy, Housing) contributes to annual inflation.

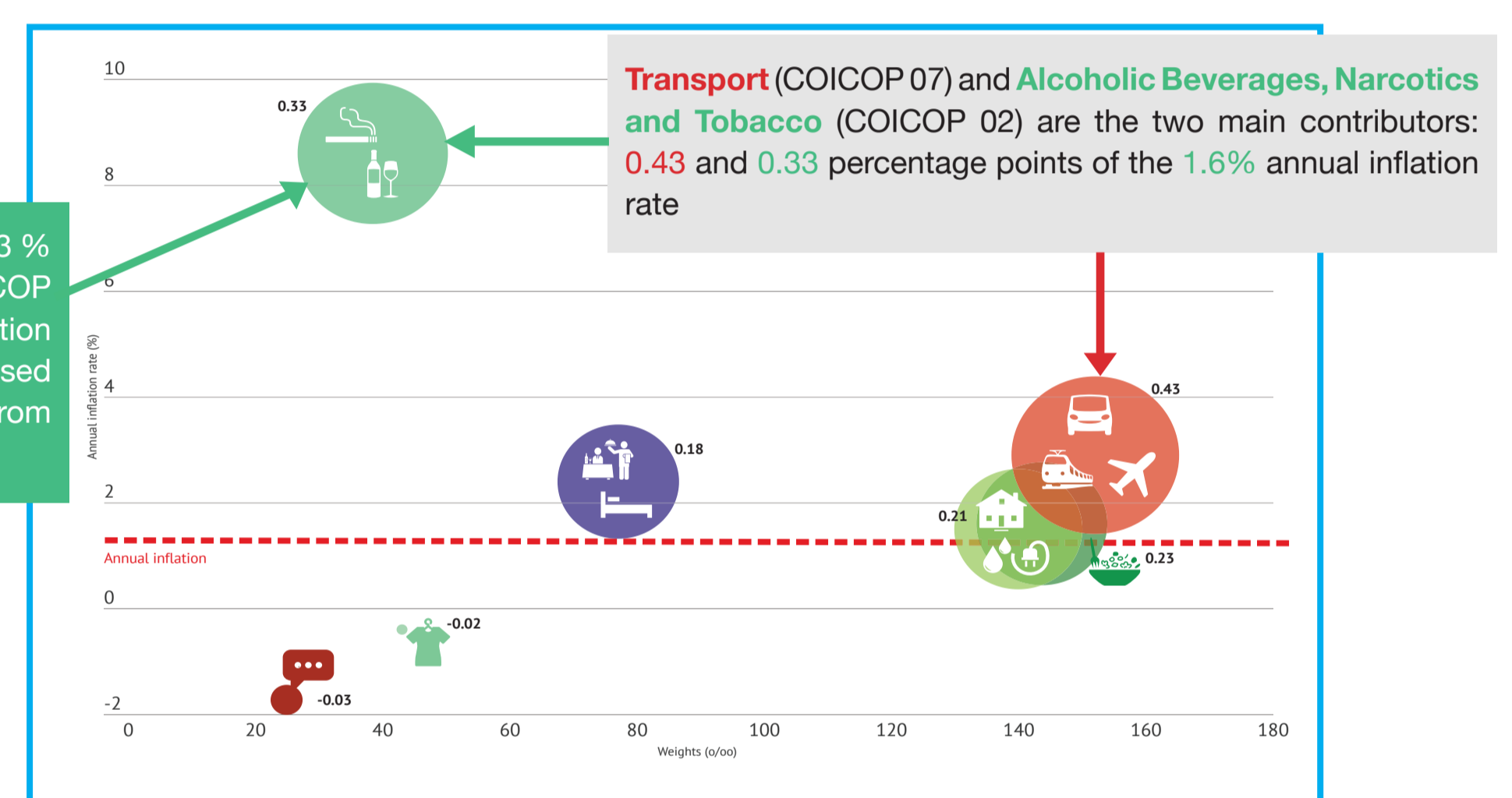
WHY?

- > To open the black box of inflation calculation, and help reduce the gap between actual and perceived inflation (same philosophy as personal inflation calculator).
- > To identify volatile components of inflation and facilitate economic analysis of inflation developments.

Contributions to annual inflation of COICOP Divisions
Annual inflation rate in February 2018 for the OECD Total 2.2%



Contributions of selected COICOP Divisions to annual national inflation in France, March 2018



The size of the bubbles represents the contribution of COICOP divisions to overall annual inflation rate; contributions are expressed in percentage points and sum to the overall inflation rate. The position of a bubble depends on the annual inflation rate (%) and the weight (%) (share in overall household expenditure) of the COICOP division.

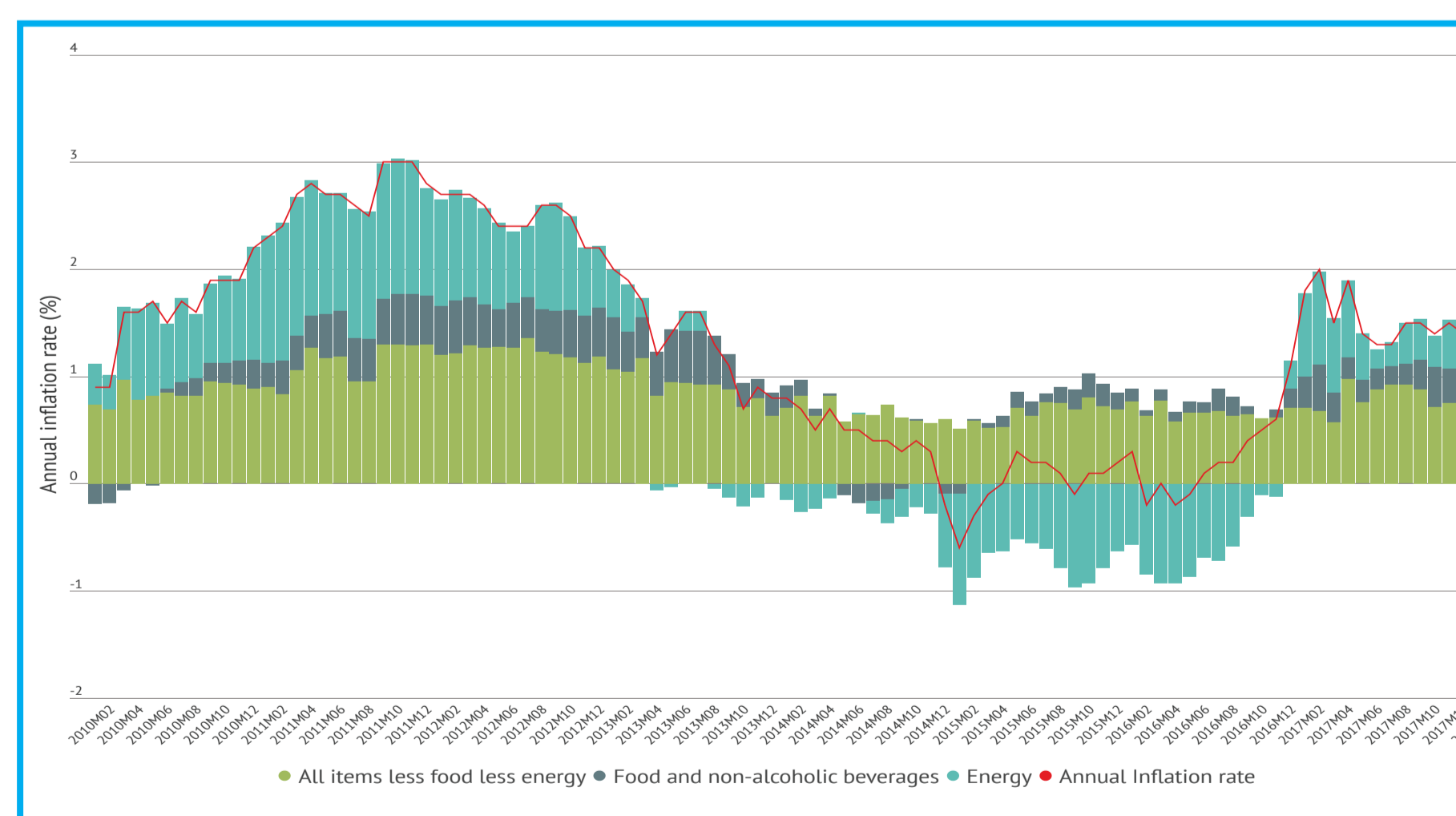
HOW?

Contributions to annual inflation are calculated in order to ensure **additivity**: the overall inflation rate can be decomposed into the sum of contributions.

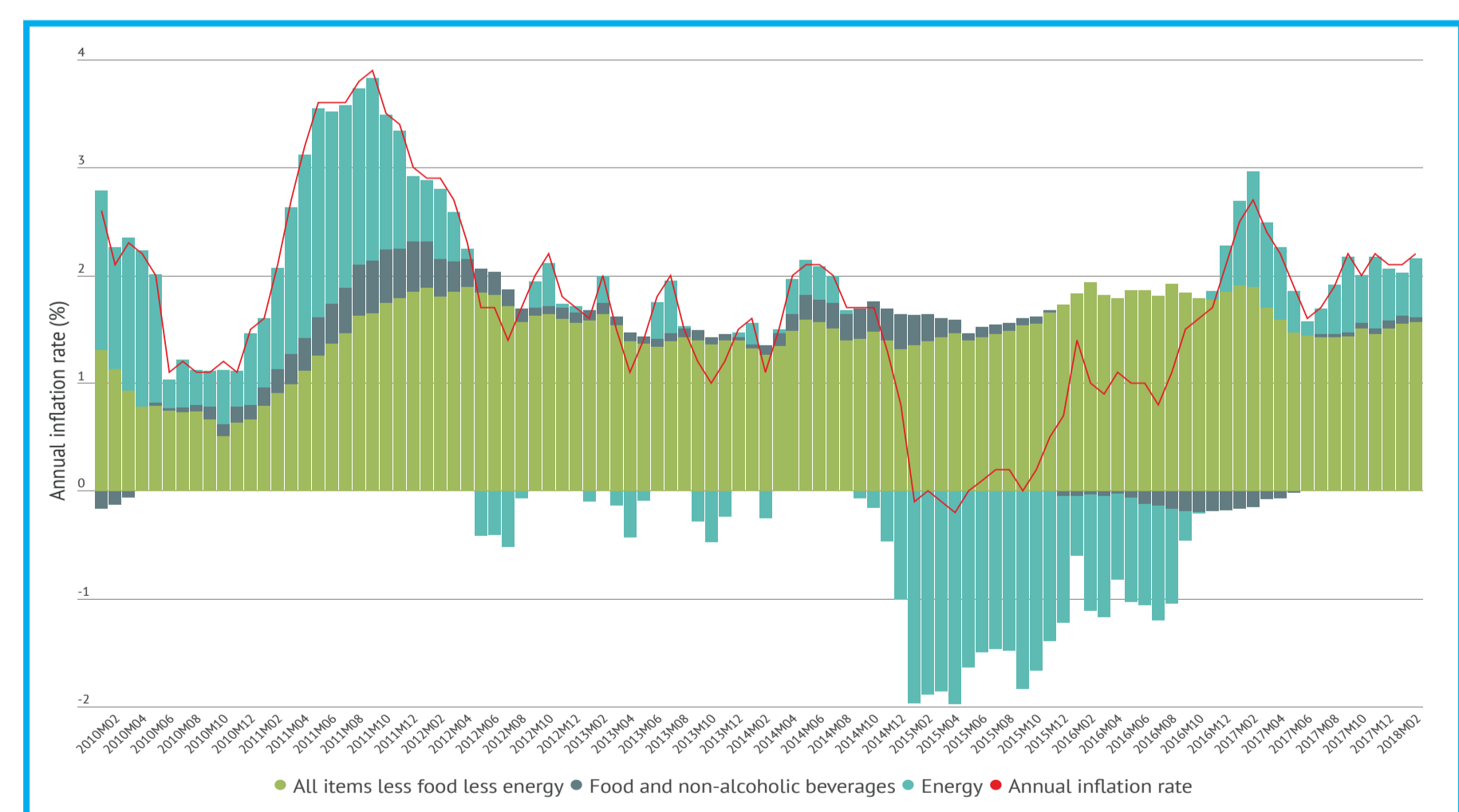
Detailed methodological information is available at: <http://oe.cd/contrib-inflation>

Contributions to annual inflation, Food and non alcoholic beverages, Energy and All items less food less energy, January 2010 – February 2018

Euro Area, Harmonised Indices of Consumer Prices (HICP)



United States, National CPI by COICOP division



Sources: HICP—Eurostat available at http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=prc_hicp_ctr&lang=en / USA: OECD

WHERE?

OECD online statistical database: http://stats.oecd.org/Index.aspx?DataSetCode=PRICES_COICOP