

7th international food safety congress

Istanbul, Turkey

04 Nov 22

Food safety research in the EU

Consumers' perceptions

Domagoj Vrbos

Communication and Partnership Department

Trusted science for safe food



Strategic Objective 1 | Deliver trustworthy assessment and communication of risks from farm to fork

Expected Operational Result 1.2.1 | An **audience-first approach** ensures quality throughout risk communication

Responds to **multiple provisions of the Transparency Regulation** > fostering public understanding, being clear and accessible, **taking risk perceptions into account** et al.



See more in [EFSA social science roadmap](#)



“Ecosystem” track to explore a specific topic or an audience among EFSA customers, partners or stakeholders

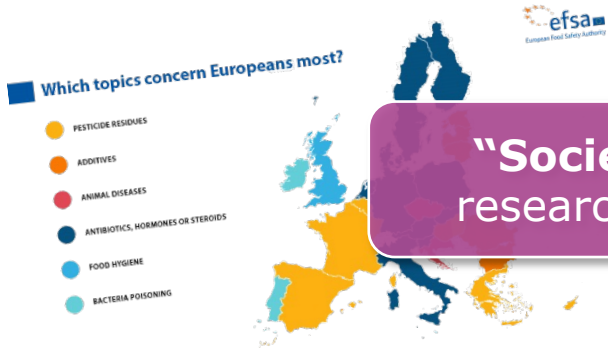
Which topics concern Europeans most?

- PESTICIDE RESIDUES
- ADDITIVES
- ANIMAL DISEASES
- ANTIBIOTICS, HORMONES OR STEROIDS
- FOOD HYGIENE
- BACTERIA POISONING

“Society” track to inform communication planning and the choice of topics

“Personal” track to focus on personalising user experience across our tools





“Society” track research example

- Who > 26,509 citizens in EU27
- When > Mar – April 2022
- How > Interviews face-to-face (F2F) or F2F and online



Citizens and food safety



Understanding awareness and risk perceptions



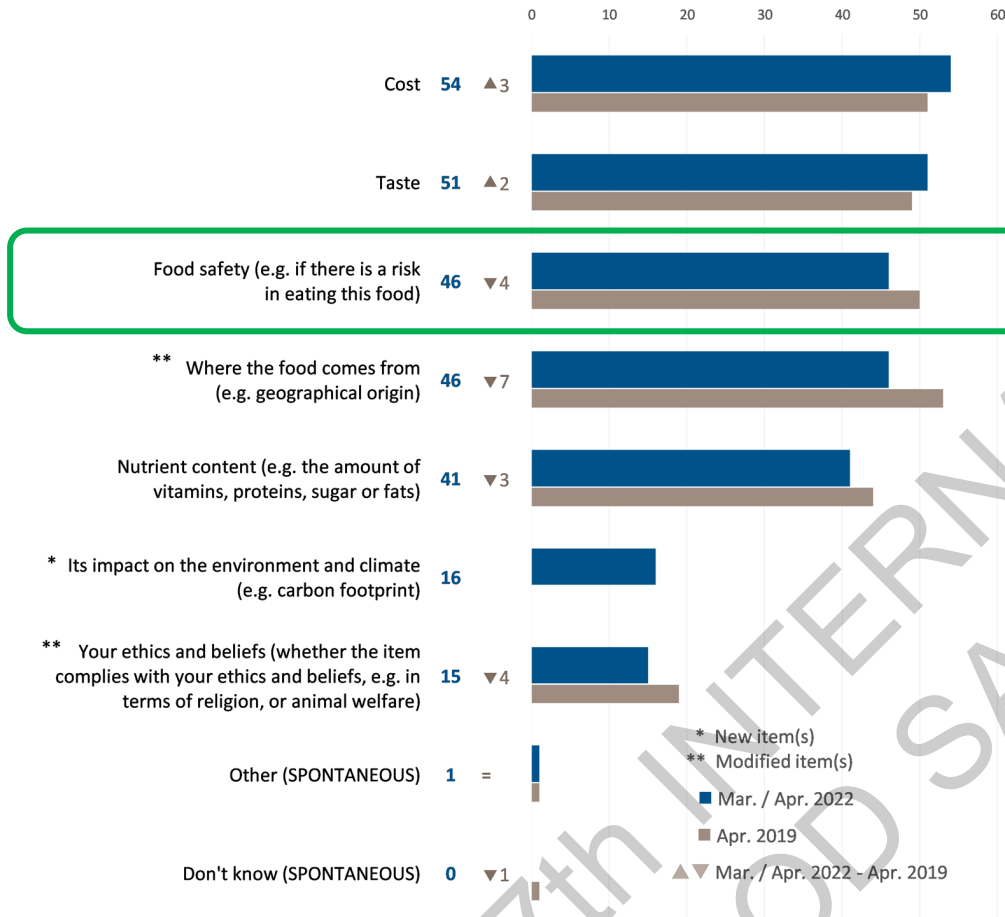
Engaging with the EU food safety system



Consumer behaviour: ex. foodborne diseases

Food safety is the third most cited factor affecting Europeans' food-purchasing decisions

QC1T When you buy food, which of the following are the most important to you? Firstly? And then?
(% - EU)

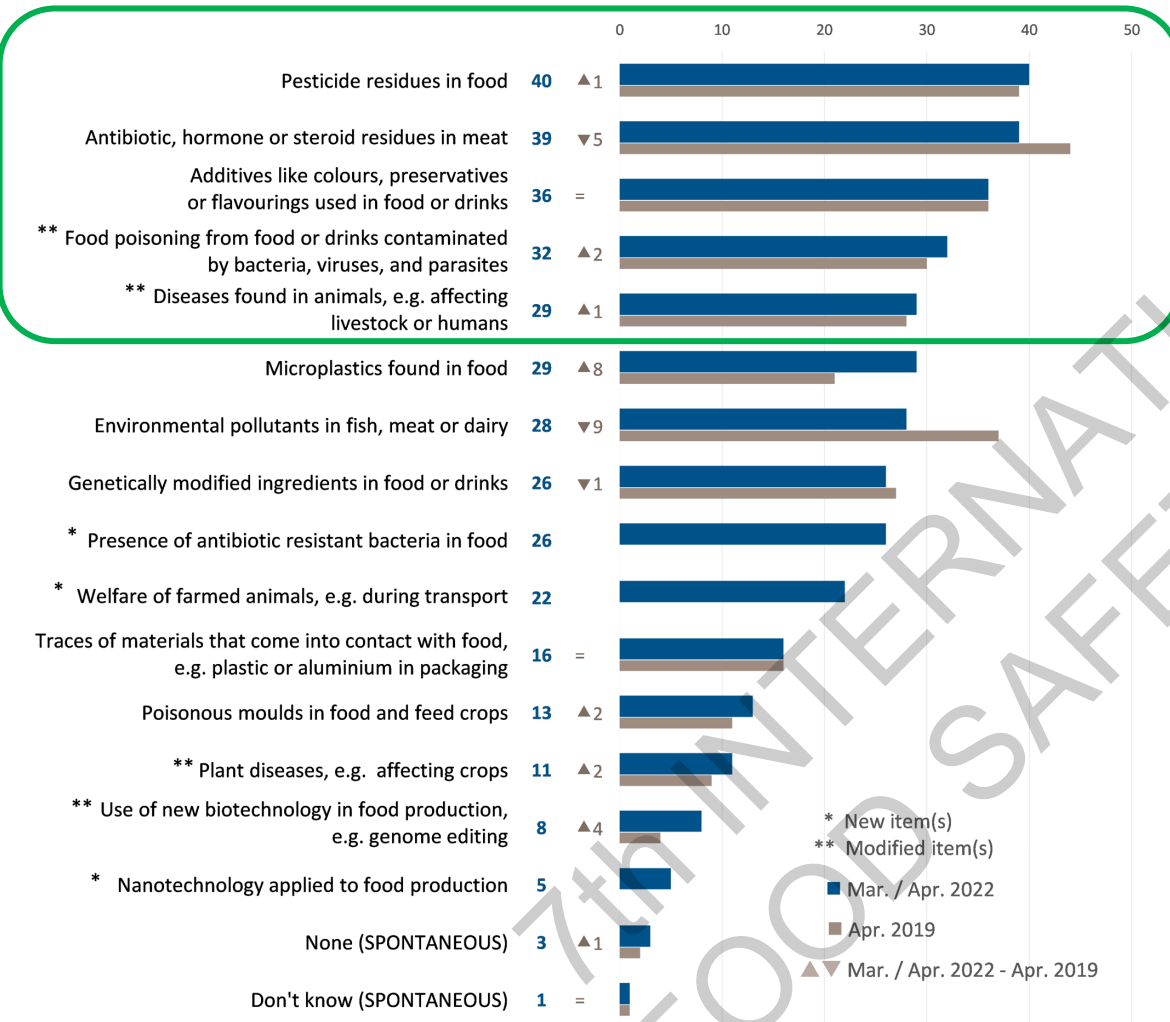


Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Pesticide residues; antibiotic, hormone or steroid residues; and additives are the top concerns

QC4T Please tell me which of these topics you have heard about concern you most when it comes to food? Firstly? And then?
(% - EU)



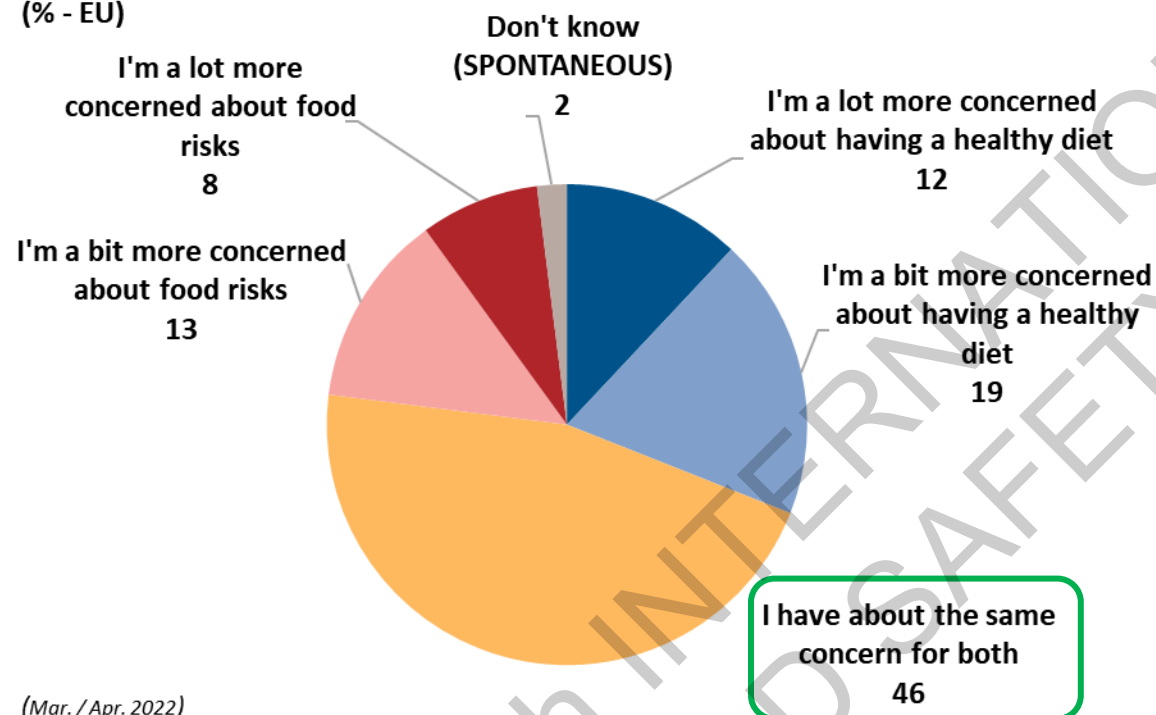
Base: those who know at least one topic in QC3 (26,132)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Close to half Europeans are **equally concerned** about having a **healthy diet** and about **food risks**

QC6T Please take a moment to think about your answers to the previous questions about having a healthy diet and about food risks. How does your concern about having a healthy diet compare to your concern about food risks?

(% - EU)



(Mar./Apr. 2022)

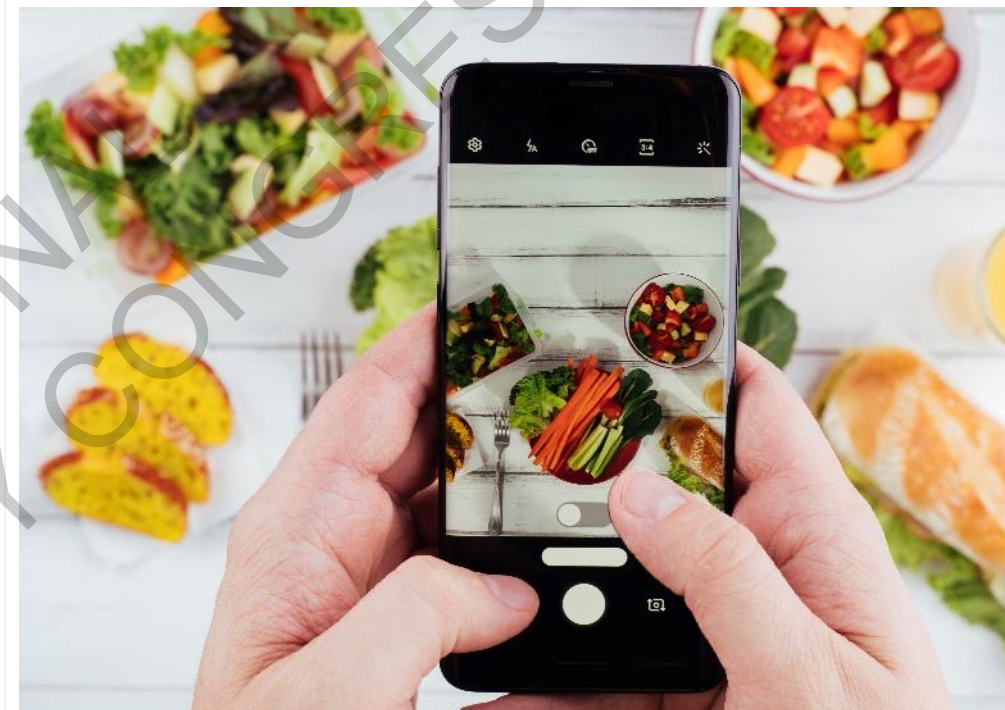
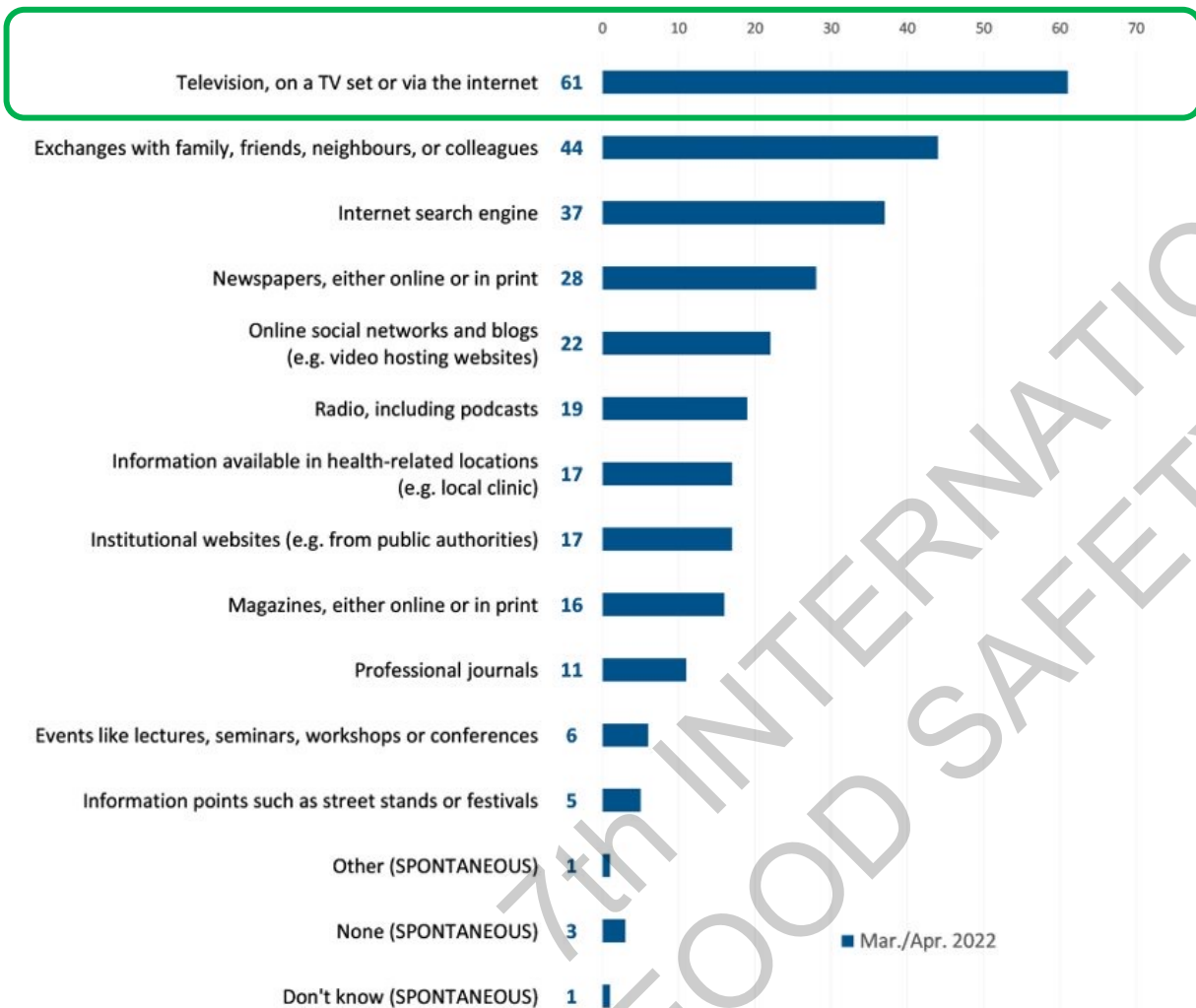


Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Television is (as in 2019) the most frequent source of information about food risks

QC7T Which of the following are your main sources of information about food risks? Firstly? And then?
(% - EU)

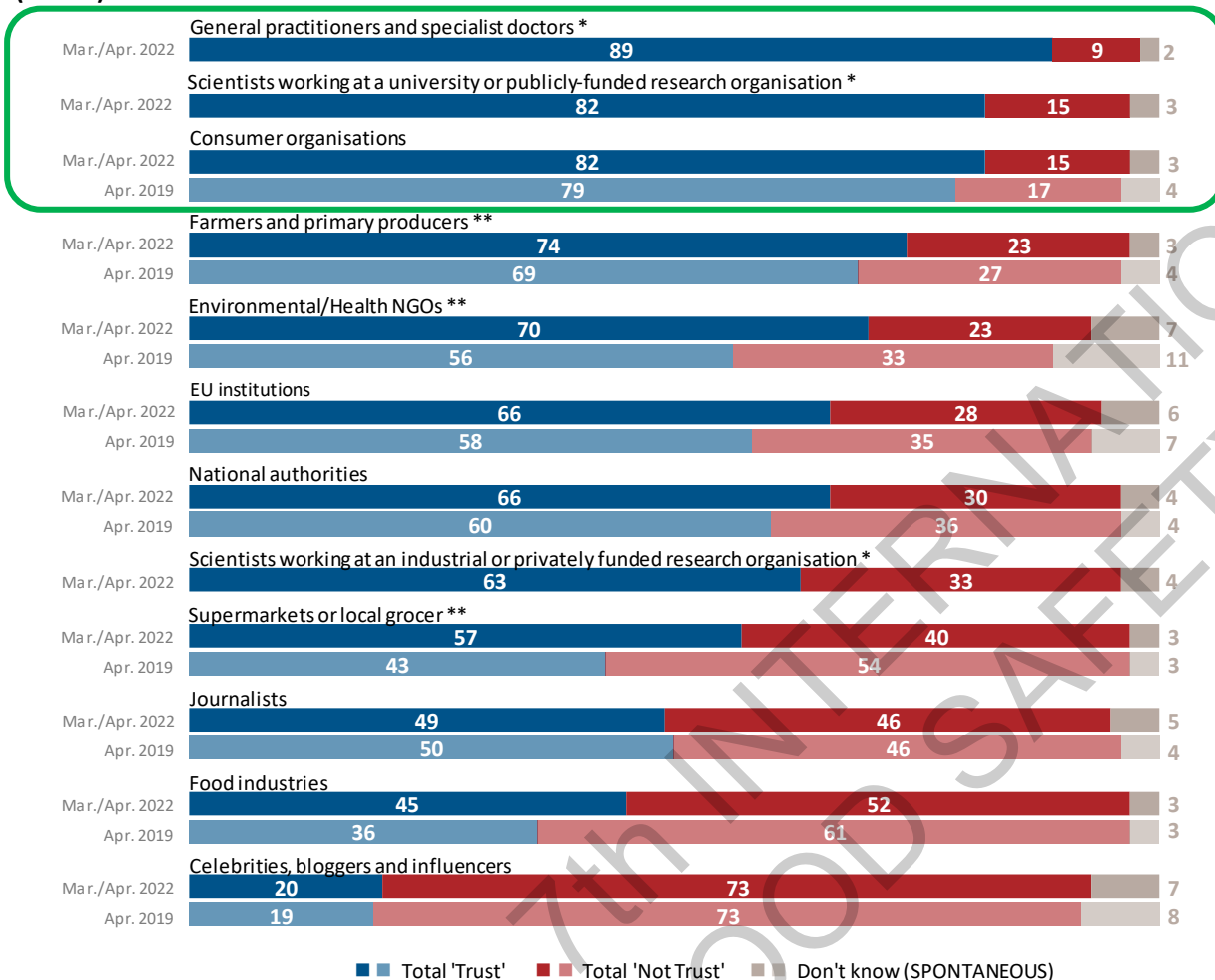


Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Scientists (in public institutions) remain among the most trusted sources of info on food risks

QC10 Please tell to what extent you trust the following sources or not for information on food risks. (% - EU)



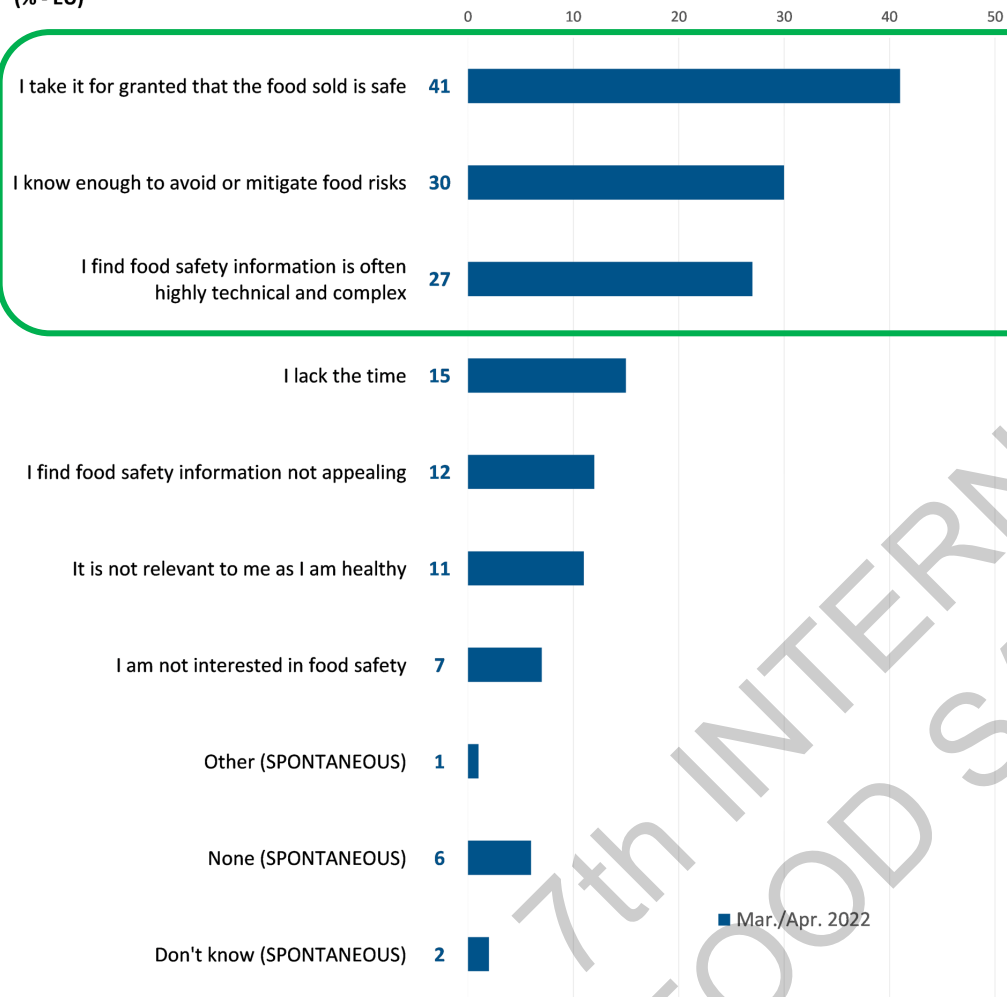
Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Taking it for granted that the food sold is safe is the top reason not to engage with food safety information

QC9 Sometimes people do not pay attention to information about food safety (i.e. risks associated with eating certain foods) and this can happen due to several reasons. Which of the following reasons apply to you? Select up to three. (MAX. 3 ANSWERS)

(% - EU)

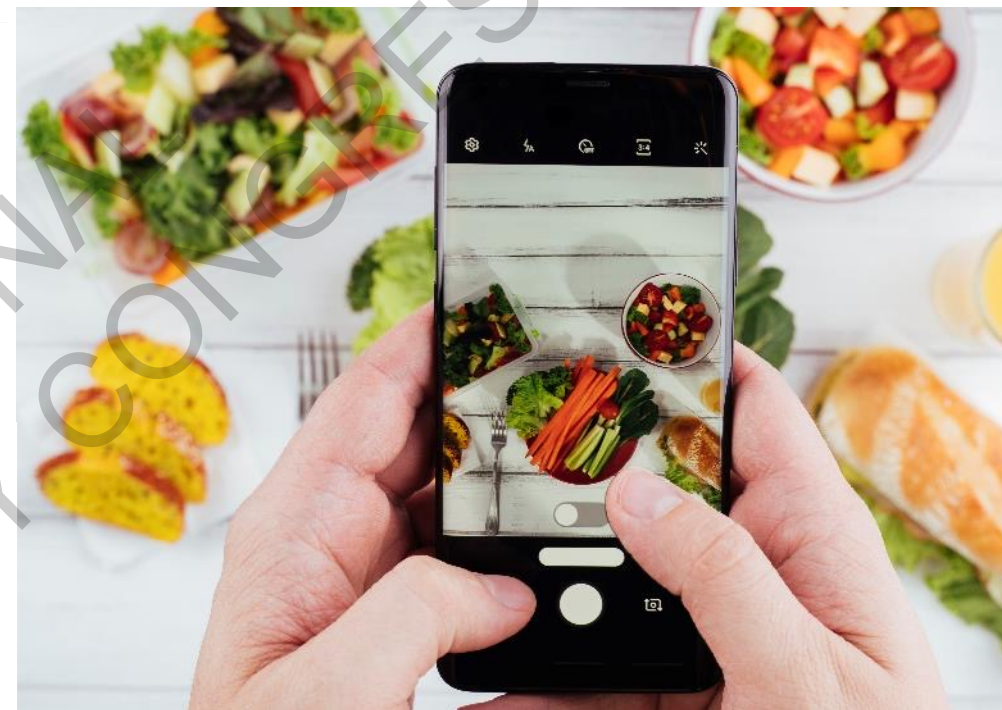
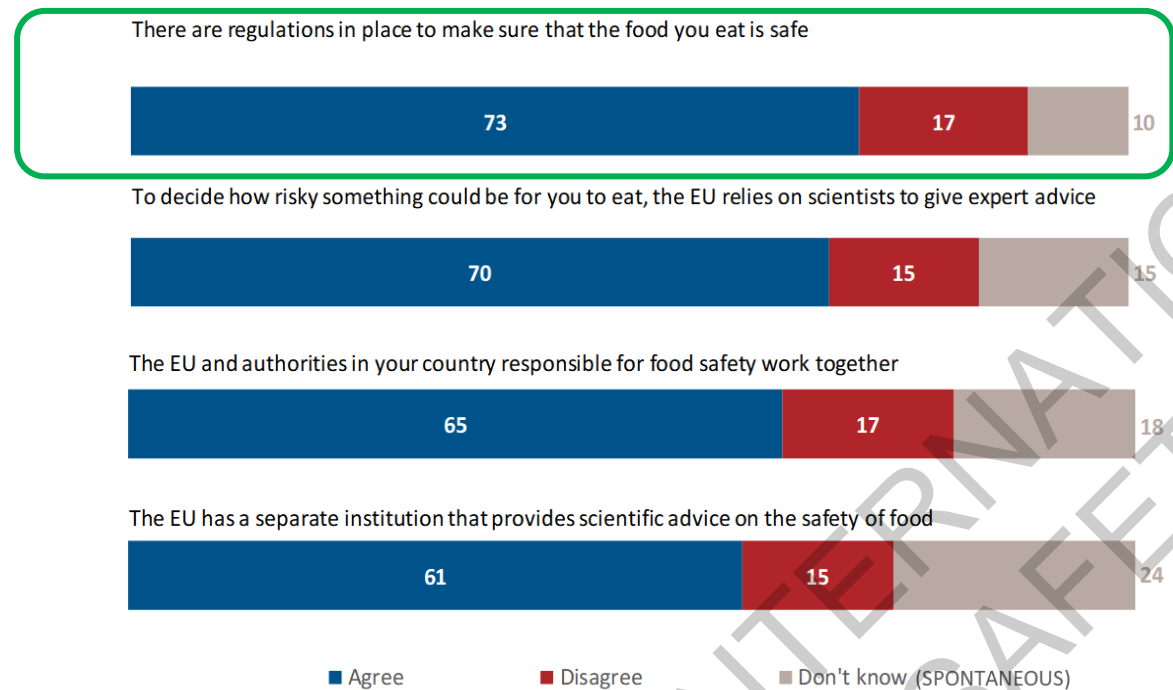


Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

Awareness of different aspects of the EU food safety system is high

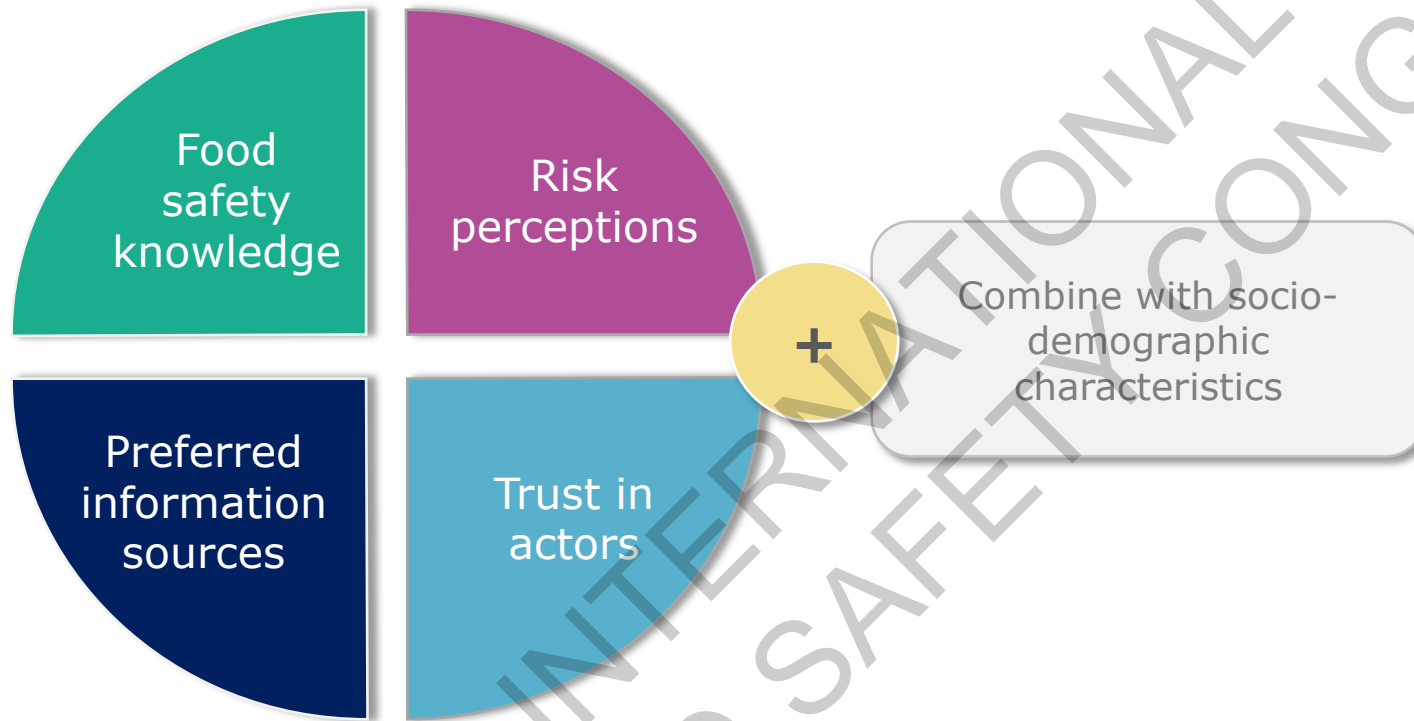
QA12 Please tell which of the following statements you agree or disagree with (% - EU)

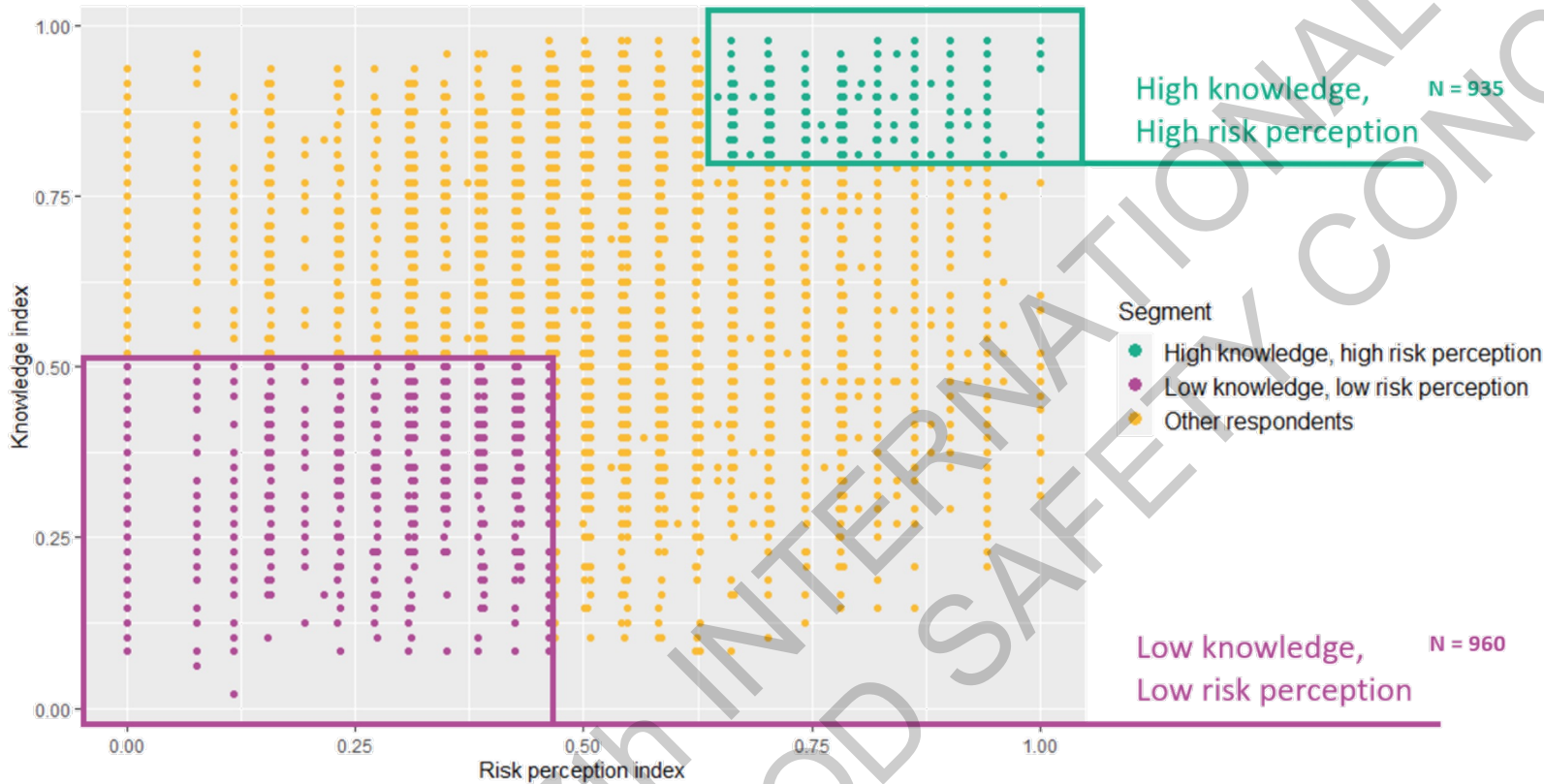


Base: All respondents (26,509)

Source: [Eurobarometer on Food Safety in the EU \(2022\)](#)

How to combine data | A segmentation approach





Source: [EU Insights study on consumers and dietary sugars](#)



KNOWLEDGE AND PERCEPTION CAN HELP US DESIGN RISK COMMUNICATION STRATEGIES



Communicate general advice and explanations through the most popular sources of info on dietary sugars – TV and the internet!

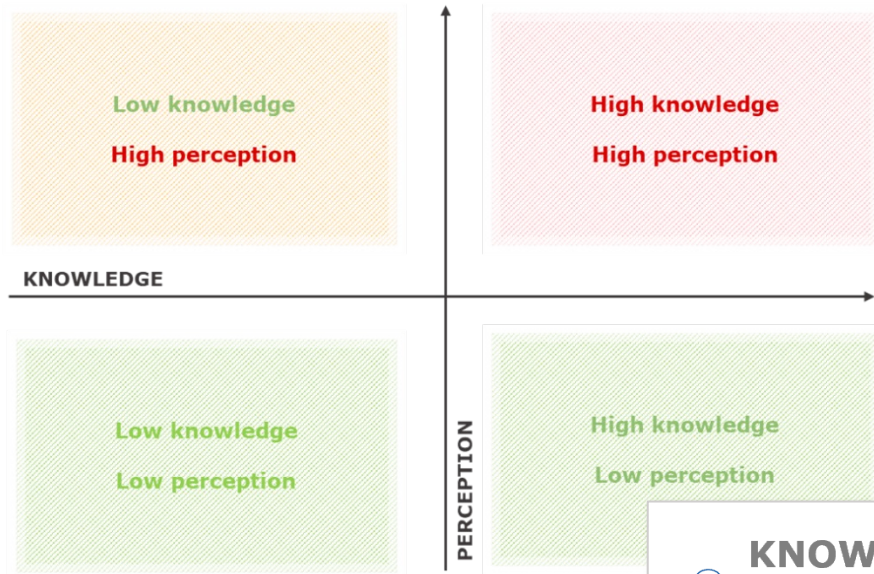











Scientists and doctors are the most trusted source (and face) of risk communications – consider engaging them in campaigns on dietary sugars!

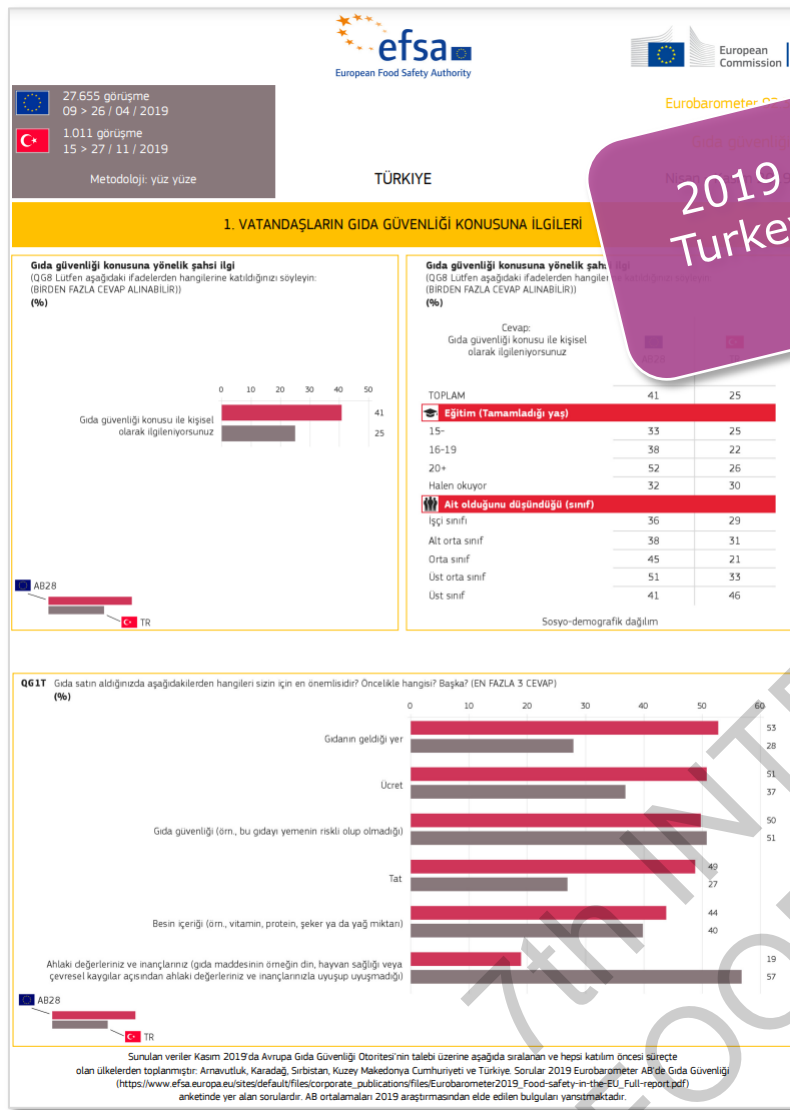


If communicating to audiences with lower knowledge and risk perception, social media is a useful source. Engaging with bloggers or influencers could boost your social media presence - amplify your message by partnering with one that shares your core values!

Assessing concerns | An evolving model



<p>KNOWLEDGE</p> <ul style="list-style-type: none">  Self-reported awareness  Self-reported knowledge  Objective knowledge  Social media volume 	<p>KNOWLEDGE</p> <p>Low-Medium-High Low-Medium-High Low-Medium-High Low-Medium-High</p>	<p>KNOWLEDGE</p> <p>-1-0-+1 -1-0-+1 -1-0-+1 -1-0-+1</p>	
<p>PERCEPTION</p> <ul style="list-style-type: none">  Self-reported concern  Self-reported importance  Self-reported interest  Social media sentiment 	<p>PERCEPTION</p> <p>Low-Medium-High Low-Medium-High Low-Medium-High Green-Orange-Red</p>	<p>PERCEPTION</p> <p>-1-0-+1 -1-0-+1 -1-0-+1 -1-0-+1</p>	

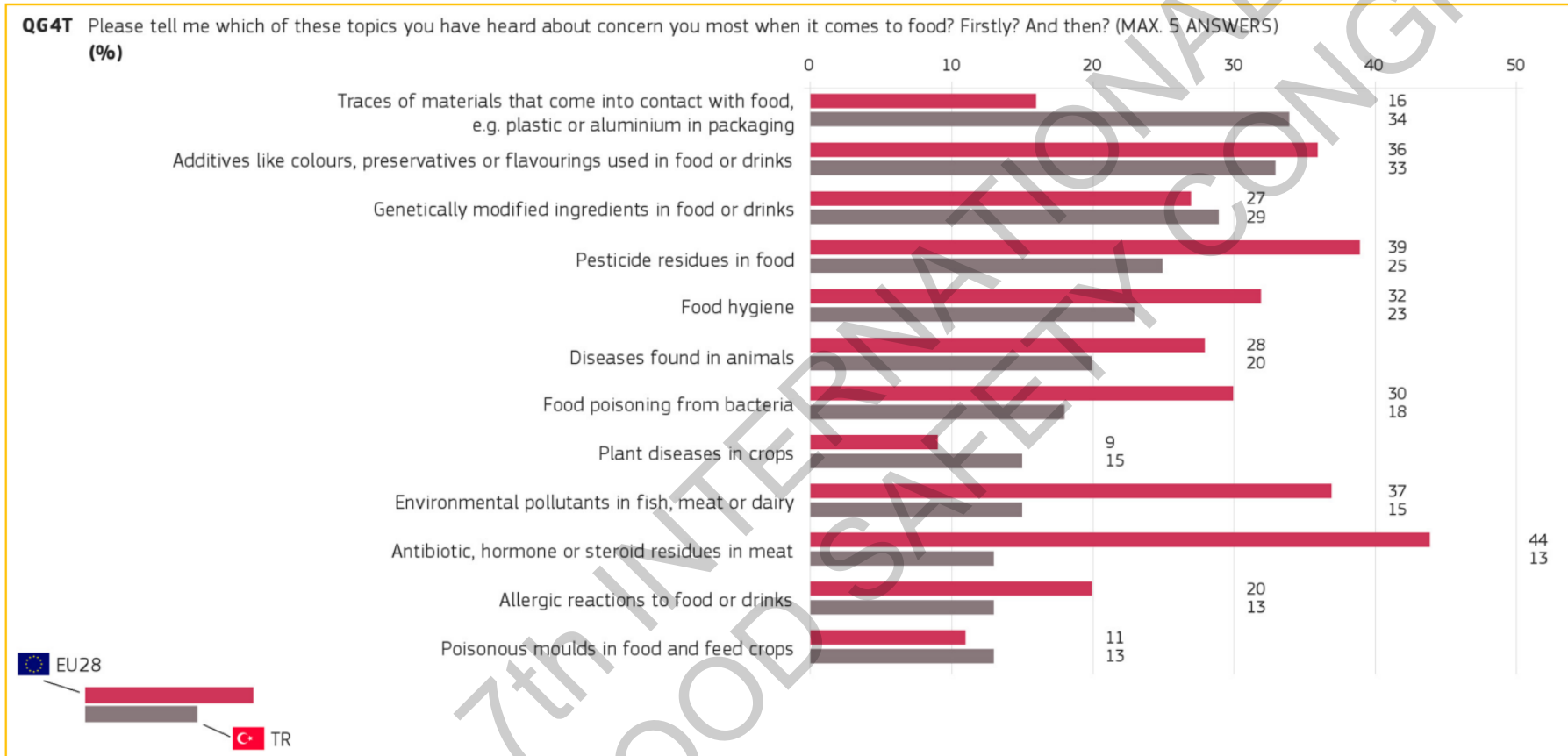


2019 study for Turkey available [here](#)

Following the publication of the [2019 Eurobarometer study](#), the survey was extended to **Albania, Montenegro, North Macedonia, Serbia and Turkey**.

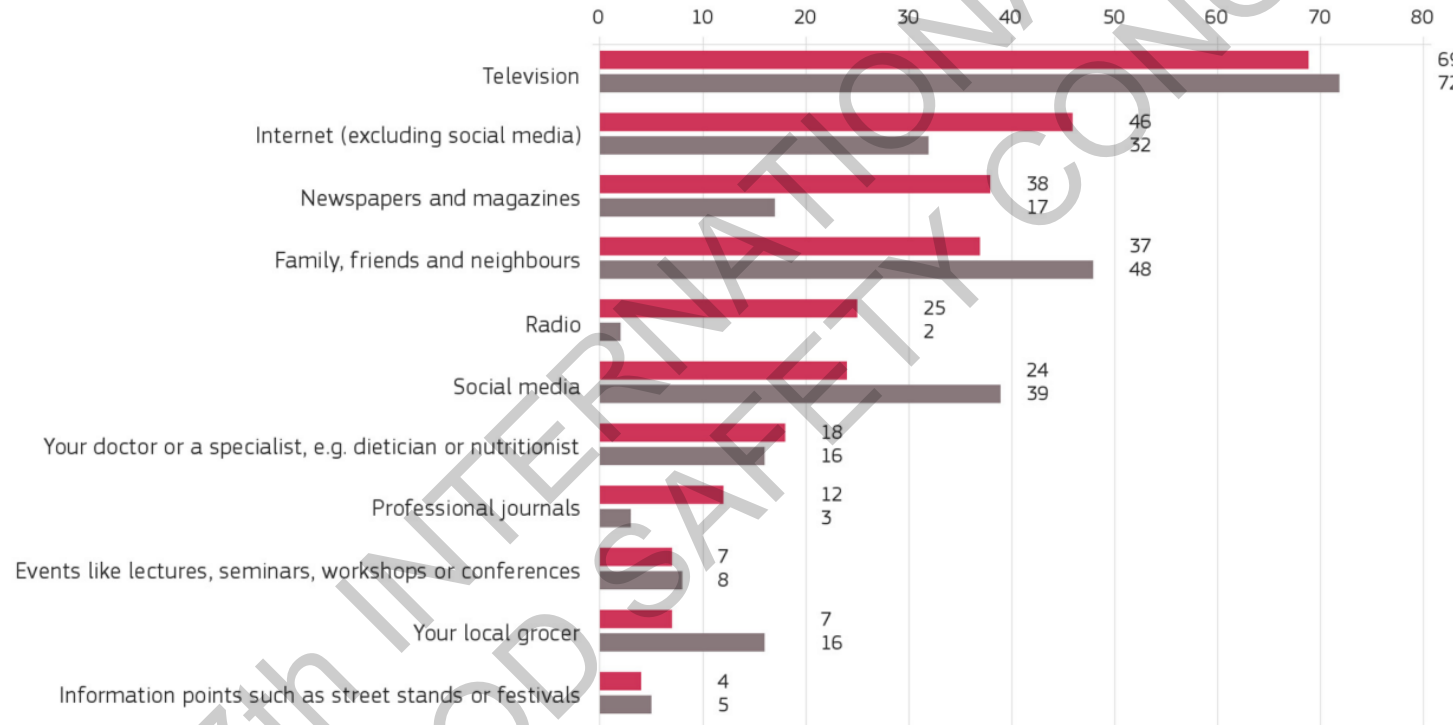
We hope to **repeat the study** in countries that benefit from the [Instrument for Pre-accession Assistance \(IPA\) in 2023!](#)

Risk perception | Traces of food contact materials, additives and genetically modified ingredients were the top concerns



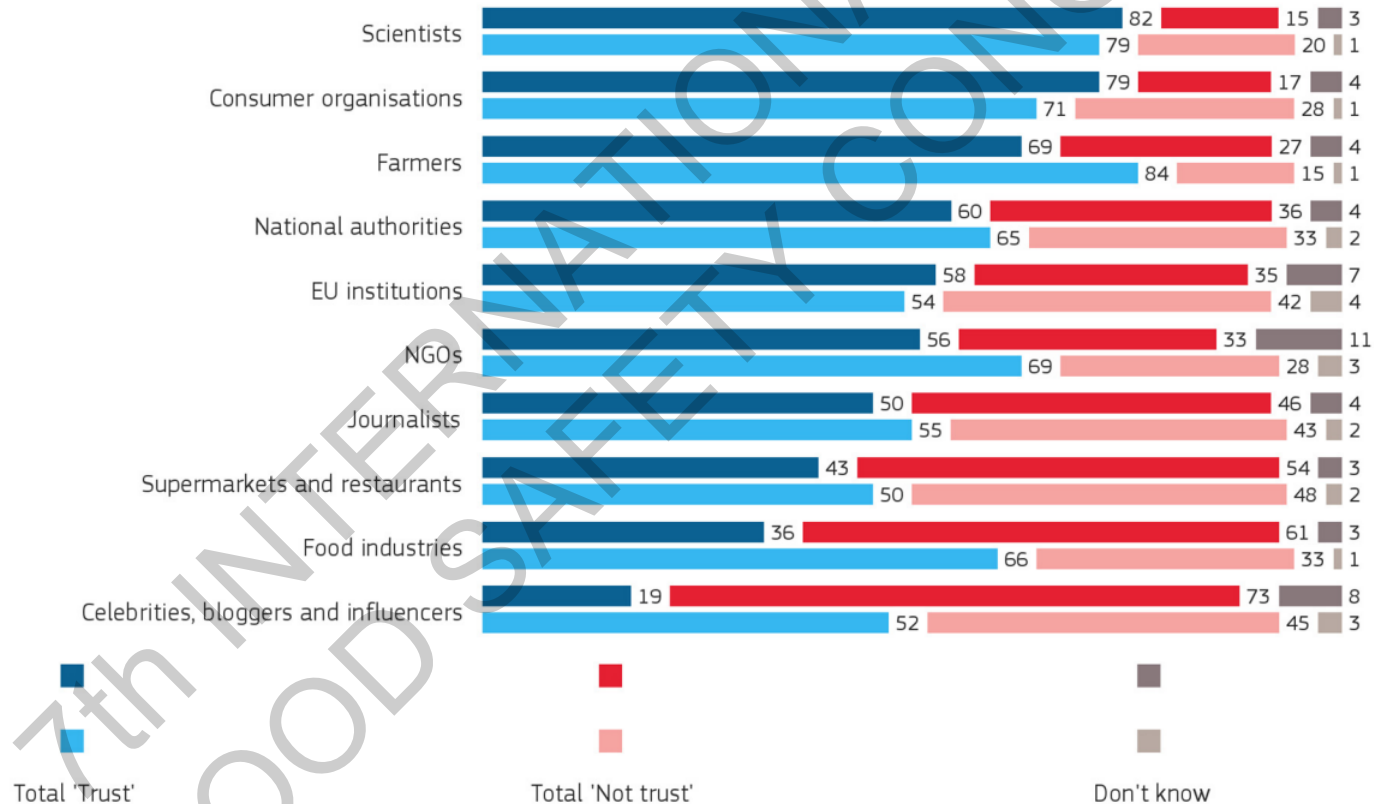
Sources of information | Television, family, friends and neighbours and social media were the most frequent answers

QG5T Which of the following are your main sources of information about food risks? Firstly? And then? (MAX. 4 ANSWERS)
(%)



Trust | **Farmers**, scientists, consumer organisations, NGOs and national authorities were the most trusted sources (2 in 3 or higher)

Q67 Please tell me to what extent you trust the following sources or not for information on food risks.
(%)





Subscribe to

efsa.europa.eu/en/news/newsletters
efsa.europa.eu/en/rss



Receive job alerts

careers.efsa.europa.eu – job alerts



Follow us on Twitter

[@efsa_eu](https://twitter.com/efsa_eu)
[@plants_efsa](https://twitter.com/plants_efsa)
[@methods_efsa](https://twitter.com/methods_efsa)
[@animals_efsa](https://twitter.com/animals_efsa)



Follow us Linked in

[Linkedin.com/company/efsa](https://linkedin.com/company/efsa)



Contact us

efsa.europa.eu/en/contact/askefsa