

A PILOT TOOLBOX AGAINST HEALTH MISINFORMATION IN CZECHIA IN COVID-19 AGE

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On behalf of the TL04000176 **COVID-19 Infodemic** investigators team

The COVID-19 Infodemic project (Infomore.cz)

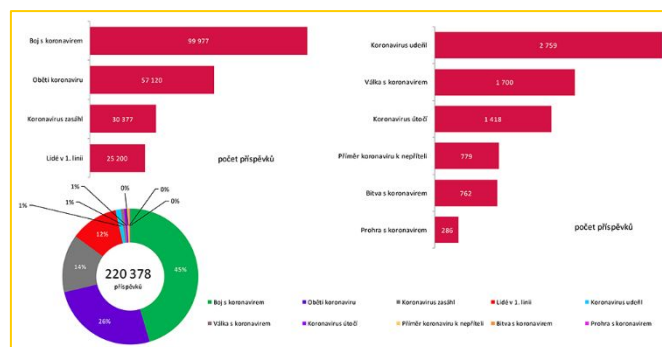


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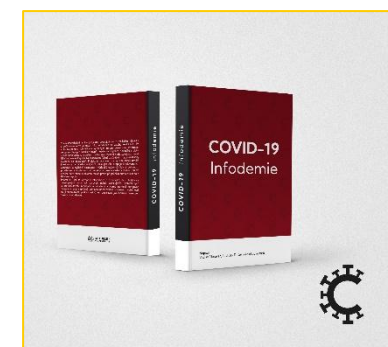
media analyses



word clouds



videos



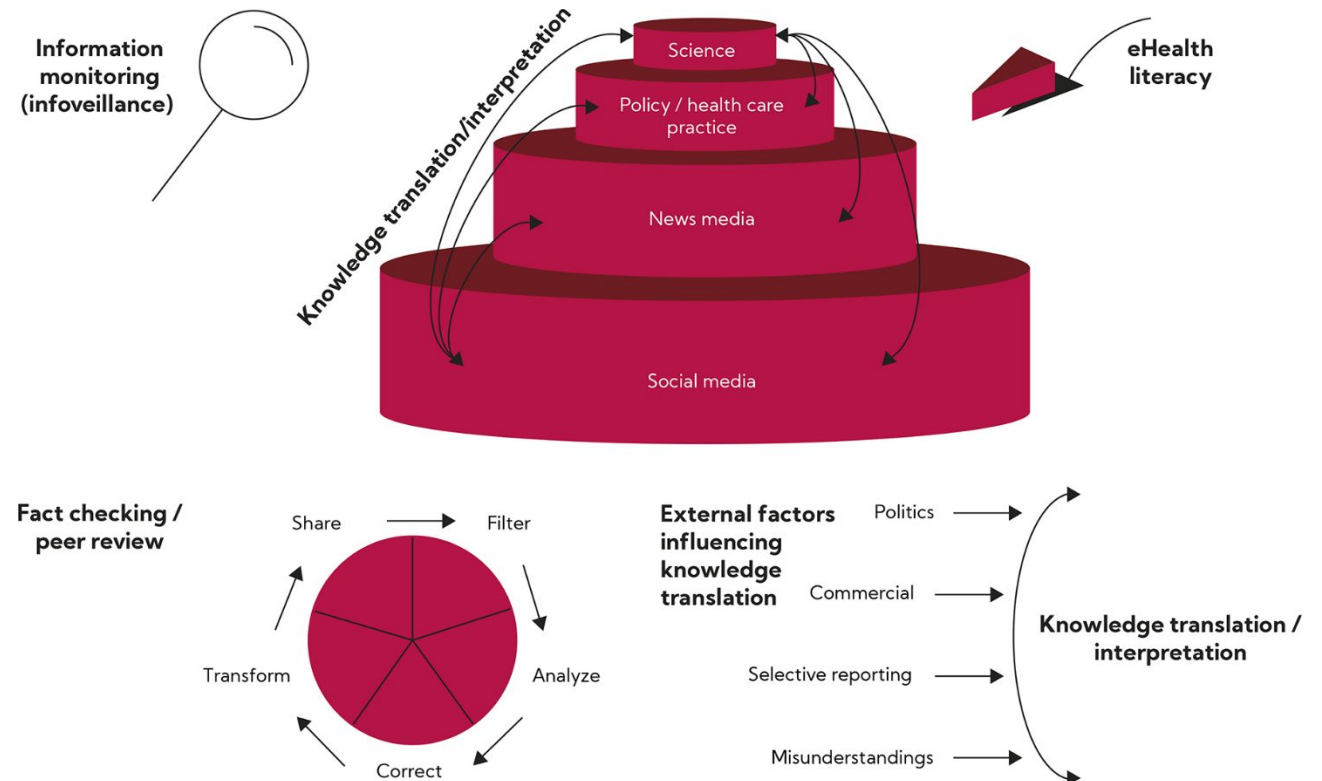
book

Infodemic (before and during the pandemic)

“Infodemic”

- Eysenbach G.
Am J Med 2002;113: 763–765
- Rothkopf DJ.
The Washington Post 2003 May 11
- ...
- ...
- ...
- WHO 2020 Feb 15 / March 30
- Eysenbach G.
J Med Internet Res 2020; 22: e21820

Information “wedding cake” model (Eysenbach 2020)



A 4-pillar matrix

Pillar	Experts, researchers	Government, Ministry of Health	Media
P1: Facilitate Accurate Knowledge Translation	<ul style="list-style-type: none"> • Snow Initiative • Interdisciplinary Group for Epidemic Situations • National Institute for Pandemic Management 	<ul style="list-style-type: none"> • Actual Information about COVID-19 + COVID Portal https://koronavirus.mzcr.cz, https://covid.gov.cz • Disease at the Moment (https://onemocneni-aktualne.mzcr.cz/covid-19) • “Czechia Vaccinates” (https://www.ceskoockuje.cz) • Traffic Light System (“Semaphore”) + Anti-epidemic System (PES) • Analytical reporting services • Reports and analyses for epidemic management, media, and public 	<ul style="list-style-type: none"> • Public broadcasting (Czech Television, Czech Radio) • “Mobile Radio”
P2: Knowledge Refinement, Filtering, and Fact-Checking	<ul style="list-style-type: none"> • Epidemiologists, researchers, and experts in social media 	<ul style="list-style-type: none"> • Open data • Smart Quarantine 	<ul style="list-style-type: none"> • Independent civic fact-checking platforms (Demagog.cz, Manipulatori.cz, Cesti-elfove.cz) • “Ověřovna!” (“Verification room!”)
P3: Build eHealth Literacy	<ul style="list-style-type: none"> • National Health Information Portal 		-----
P4: Monitoring, Infodemiology, Infoveillance, and Social Listening	<ul style="list-style-type: none"> • Infomore.cz 	<ul style="list-style-type: none"> • Semantic Vision analyses, detection of disinformation and adversarial propaganda 	<ul style="list-style-type: none"> • Infomore.cz

To perform better next time...

Experts

- Be more careful at (social) media
- Keep scientific disputes in congress halls and journals

Government, MoH

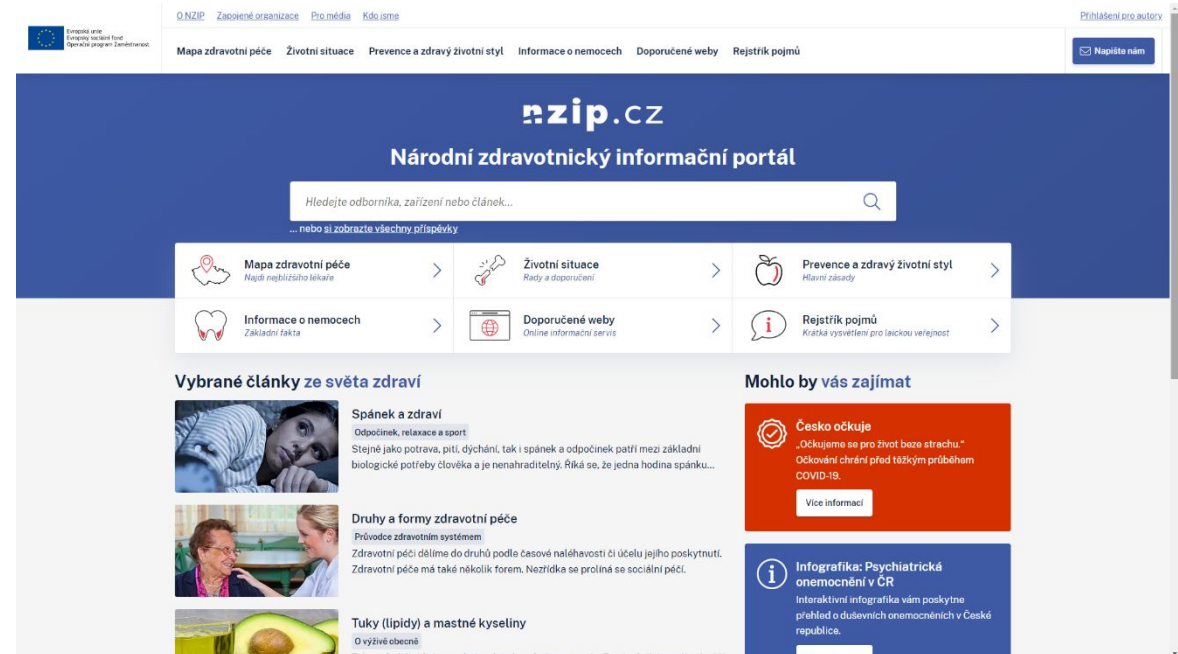
- Build health literacy
- Communicate findings and measures in a more transparent way
- Support the battle against mis- and disinformation

Media

- Understand the topic
- Fact-checking
- Selection of experts

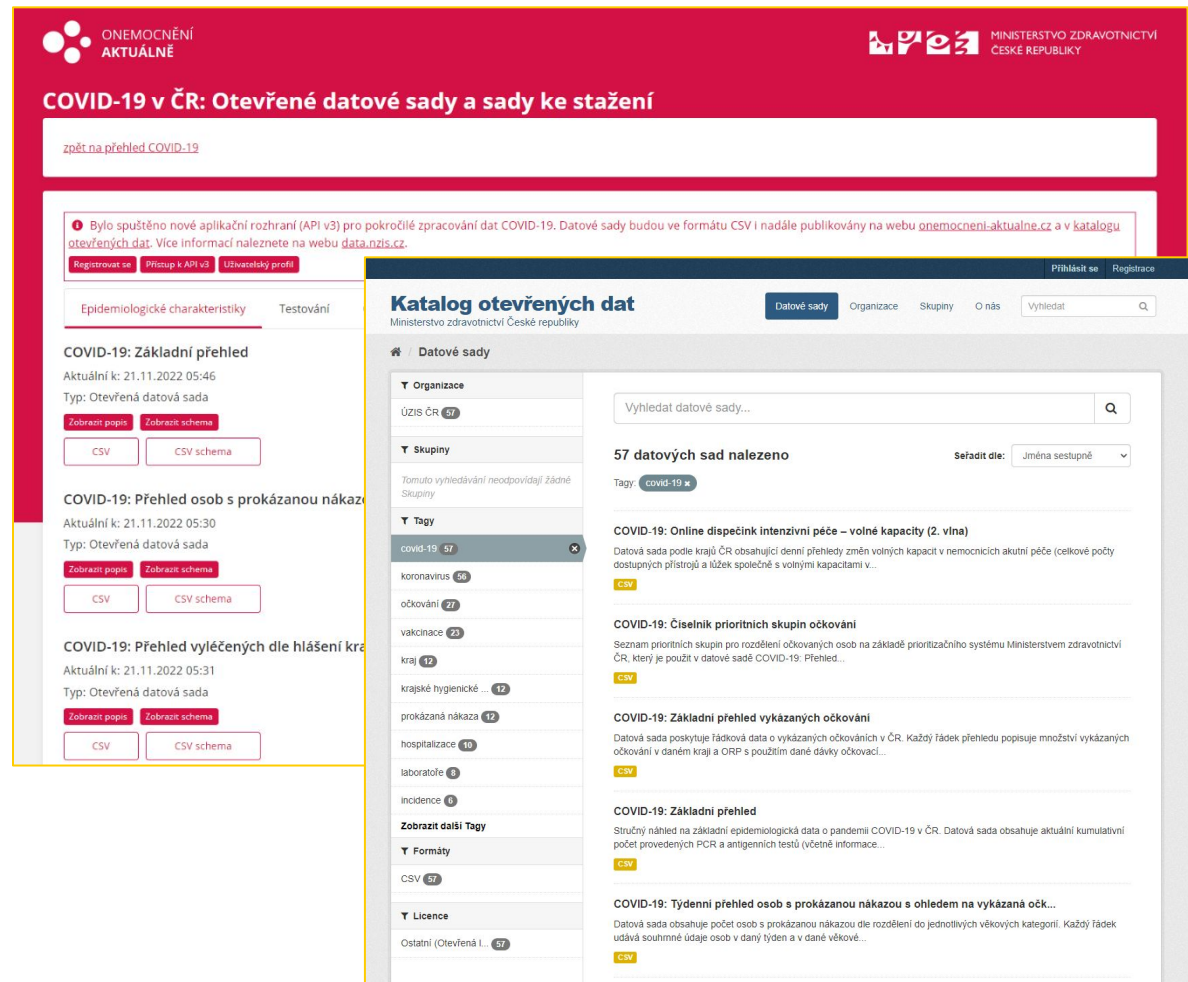
Health literacy – National Health Information Portal (NZIP.cz)

- Provide validated and guaranteed information about health and the healthcare system
- Ministry of Health
National Institute of Public Health
Czech Medical Association JEP
Patient organizations
...
- Map of healthcare providers, prevention and healthy lifestyle, diseases, “navigation” in the healthcare system, dictionary...



(Open) data

- Aggregated anonymized datasets
- Available at websites guaranteed by the MoH
- Further data sets and analyses upon request from the Inst. of Health Information and Statistics
- ~~Act on Free Access to Information no. 106/1999~~
- Act on Health Services no. 372/2011



The image shows two overlapping web pages. The background page is the 'ONEMOCNĚNÍ AKTUÁLNĚ' website, which provides COVID-19 data for the Czech Republic. It features a red header with the logo and text 'ONEMOCNĚNÍ AKTUÁLNĚ' and 'MINISTERSTVO ZDRAVOTNICTVÍ ČESKÉ REPUBLIKY'. The main content area is titled 'COVID-19 v ČR: Otevřené datové sady a sady ke stažení'. It includes a search bar, a list of data sets, and a 'Zobrazit popis' button. The foreground page is the 'Katalog otevřených dat' (Open Data Catalog) portal. It has a blue header with the title 'Katalog otevřených dat' and 'Ministerstvo zdravotnictví České republiky'. The main content area is titled 'Datové sady' and shows a list of data sets with filters for 'Organizace', 'Skupiny', and 'Tagy'. It also includes a search bar and a 'Vyhledat' button.



Thank you

