

VALUE OF IMMUNISATION: POLICY & ECONOMICS

Inequalities and Implementation in the EU: the Czech story

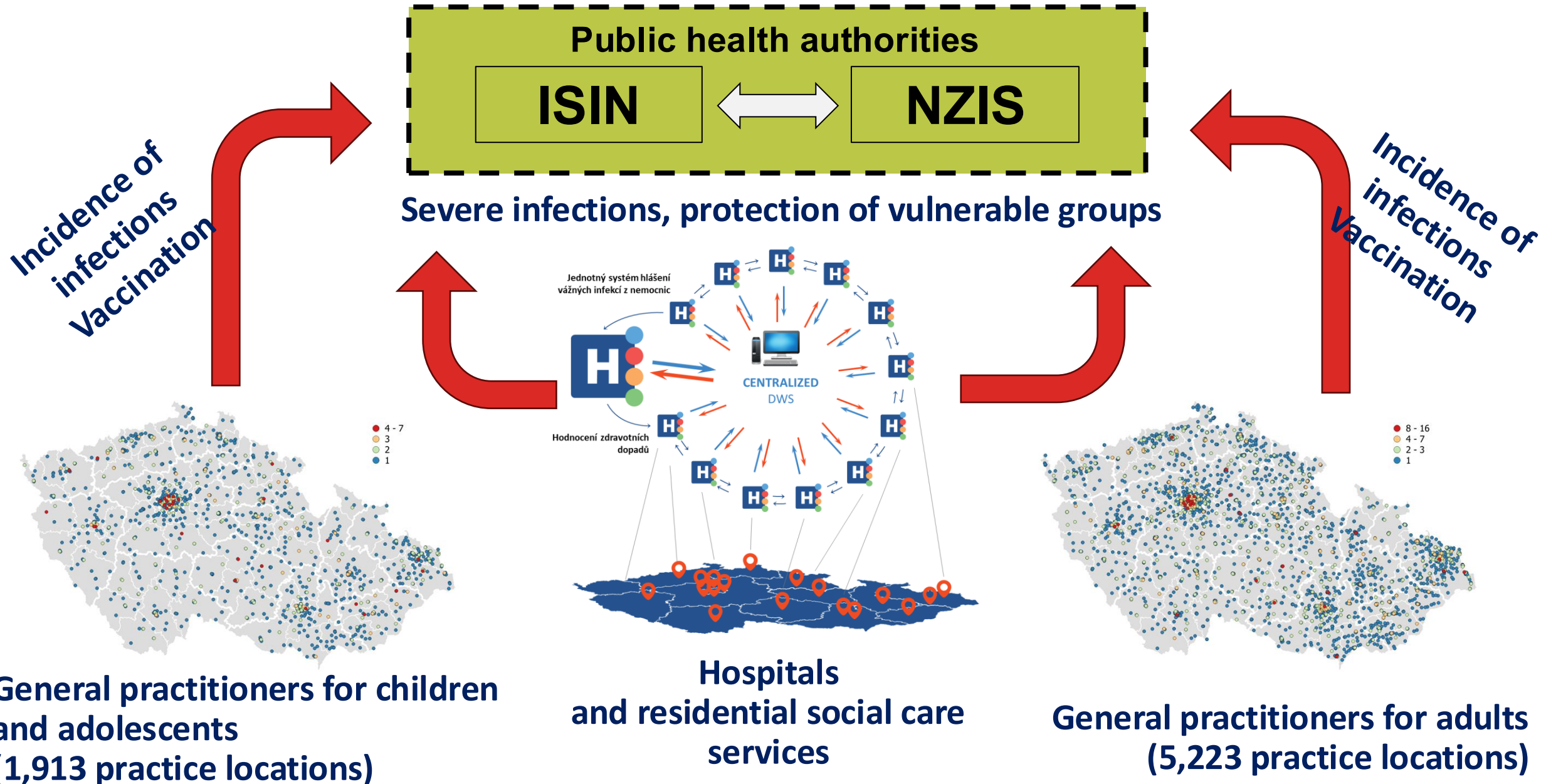


ESWI Summit 2026

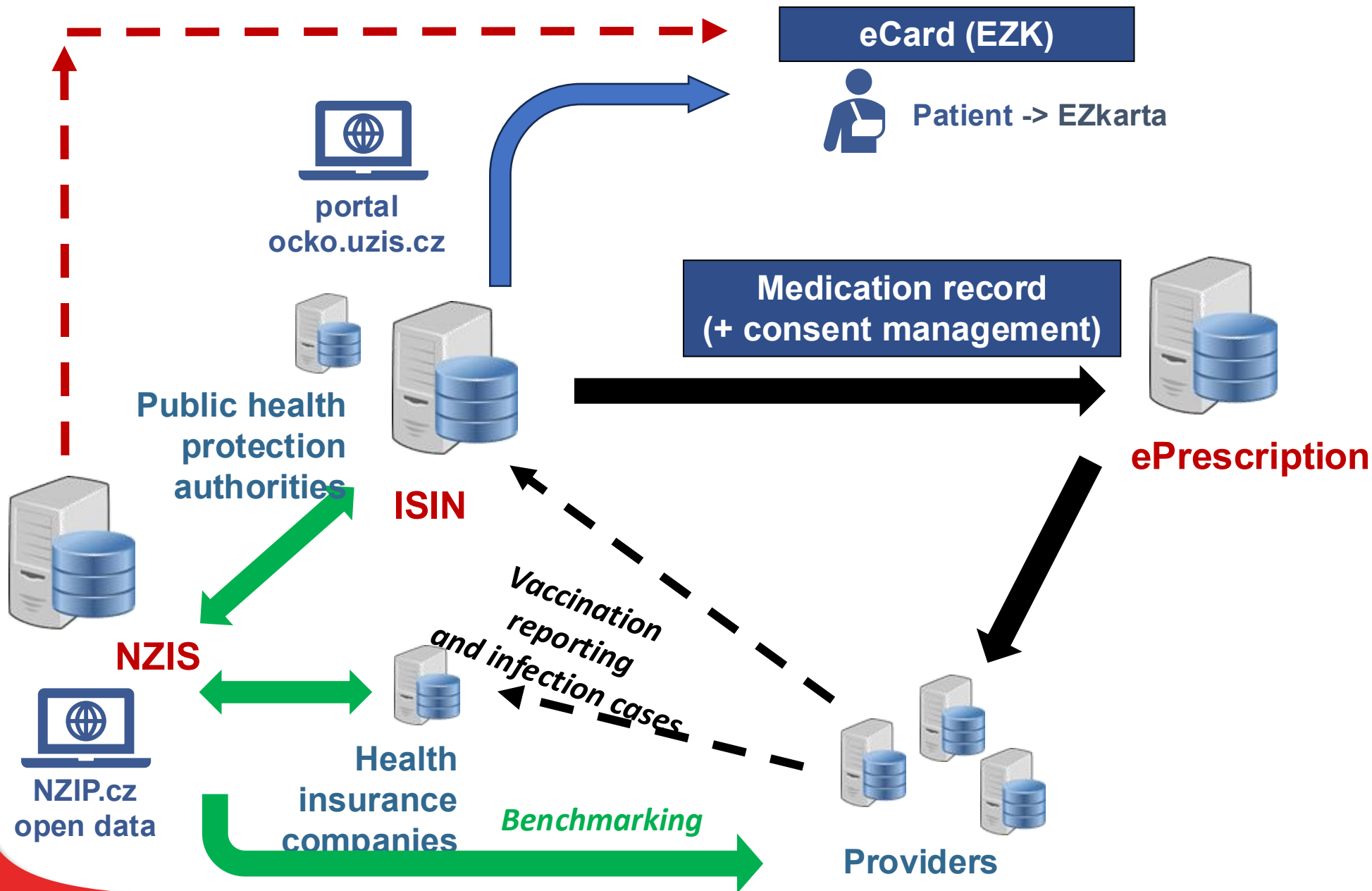
*Managing acute respiratory
virus infections: Where do
we go?*

11 June 2026

*The system is based on the digitisation of reporting from all relevant providers;
with the requirement being the minimisation of reported data and full automation.*



Real-time system integration



▲ Minimised administrative burden and automated reporting of primary data from healthcare providers

↕ Data sharing within the departmental infrastructure and content validation

↪ Reporting and benchmarking for healthcare providers

▲ Automated data transfer for ePrescriptions and access via the medication record

▲ One-off transfer of data on vaccinations covered by the National Health Insurance Fund from 2010

↪ Automated access to e-vaccination data for the EZK application

Quantification of the number of recorded infections by patient age

Acute respiratory infections ARI/ILI (J00-J22): 1 September 2025 – 30 April 2026

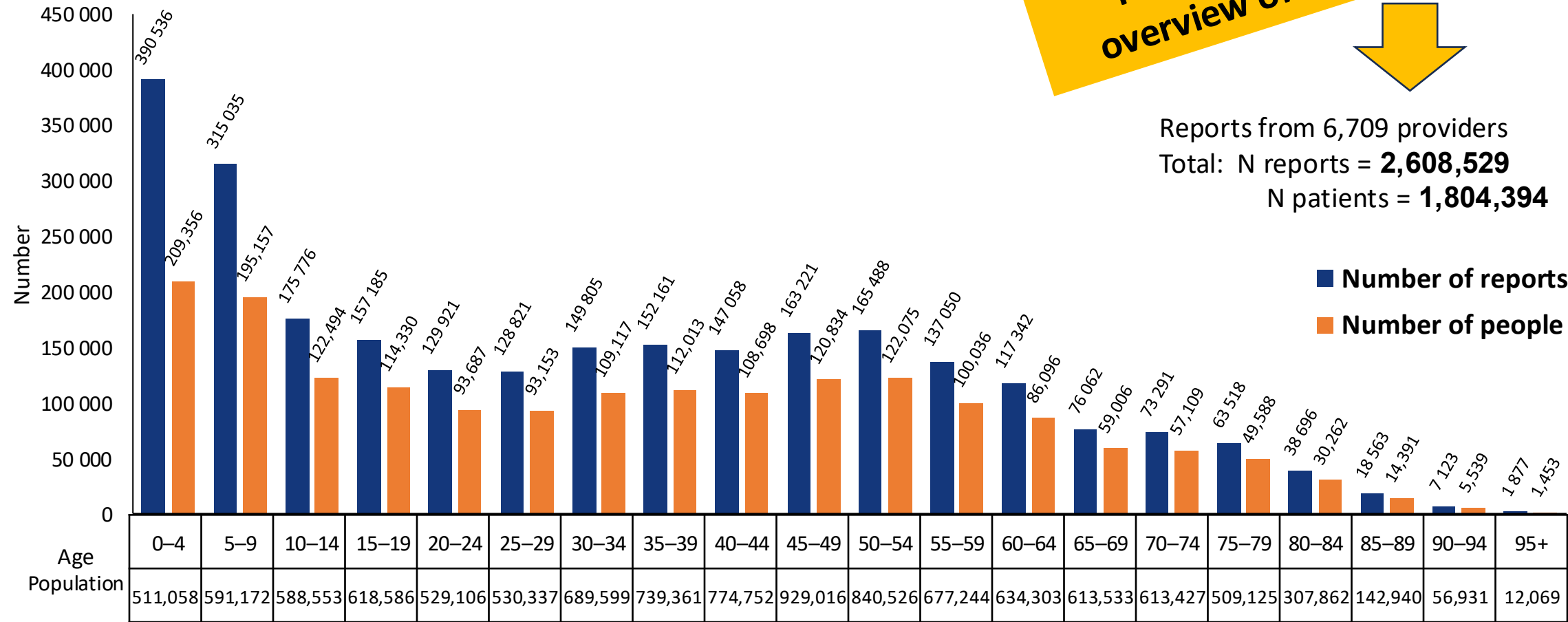
Source: ÚZIS ČR:
ISIN – ARI/ILI

Reports by age group: 1 September 2025 – 30 April 2026

Fully representative
overview of the burden



Reports from 6,709 providers
Total: N reports = 2,608,529
N patients = 1,804,394

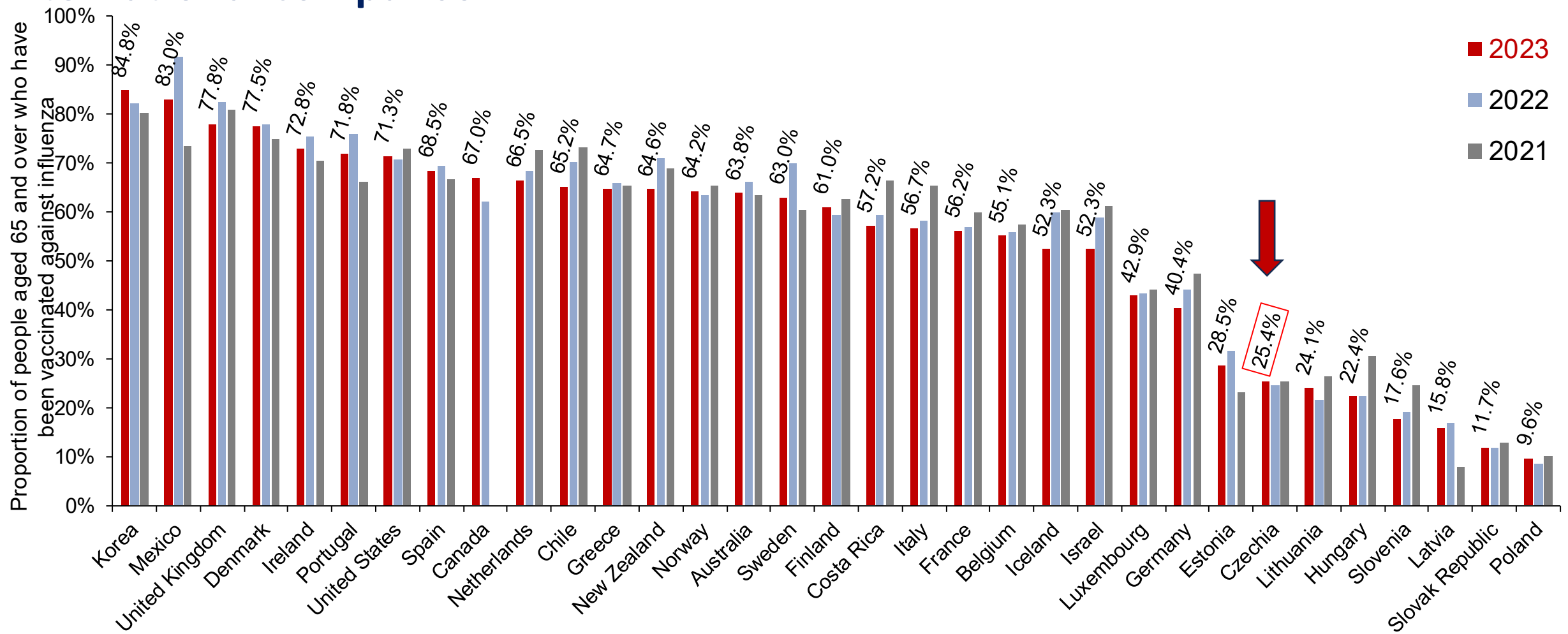


* Demographics from 2024 used

Proportion of people aged 65 and over who received a flu vaccination between 2021 and 2023

International comparison

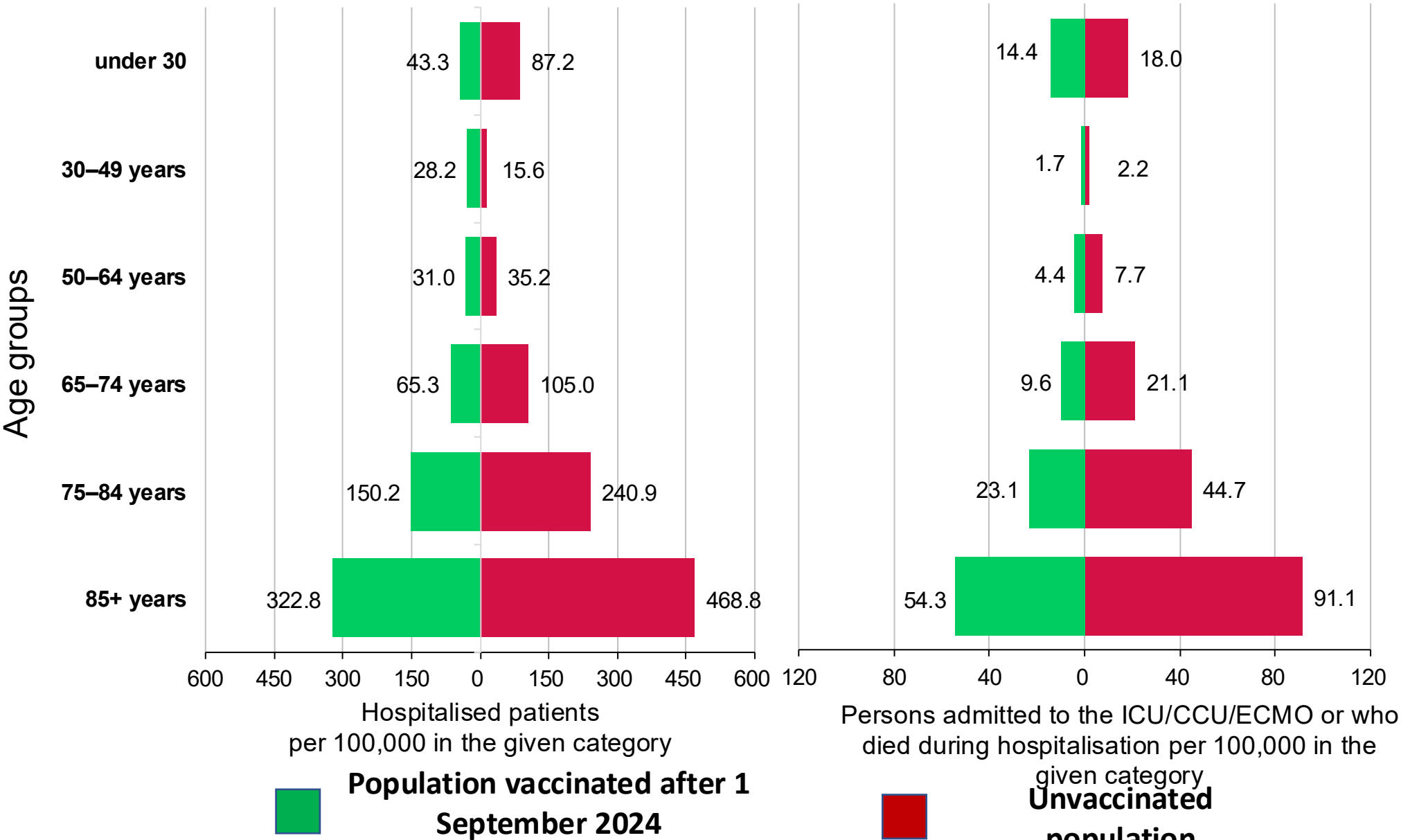
Data source: OECD



Risk of severe influenza (J10–J11) by age for the period 1 September 2024 – 30 April 2025

Hospitalised

Admission to ICU/CCU/ECMO and/or death

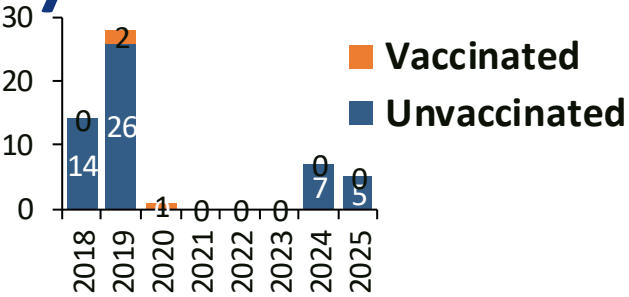


Hospitalised	
Age	PE
85+ years	31.1%
75–84 years	37.6%
65–74 years	37.8%

Admission to ICU/CCU/ECMO and/or death	
Age	PE
85+ years	40.4%
75–84 years	48.2%
65–74 years	54.3%

Infectious diseases in children: measles in children aged 2–7

Source: NRHZS 2010–2025, ISIN July 2023–2026; Infectious Diseases Information System – ISIN 2018–2026; updated 1 January 2026



Number of children aged 2–7 with an infectious disease (measles)

Year	Number of people vaccinated with infectious disease	Number of unvaccinated with infectious disease	Number of vaccinated with infectious diseases per 100,000	Number of unvaccinated people with infectious diseases per 100,000	Number of vaccinated	Number of unvaccinated
2018	0	14	0.0	21.9	637,668	63,828
2019	2	26	0.3	39.1	604,258	66,472
2020	1	0	0.2	0.0	613,279	58,222
2021	0	0	0.0	0.0	632,000	61,967
2022	0	0	0.0	0.0	629,739	64,333
2023	0	0	0.0	0.0	626,383	45,035
2024	0	7	0.0	11.7	613,971	59,703
2025	0	5	0.0	8.7	620,023	57,519
Total	3	52	0.1	10.9	-	-

Protective effect 99%