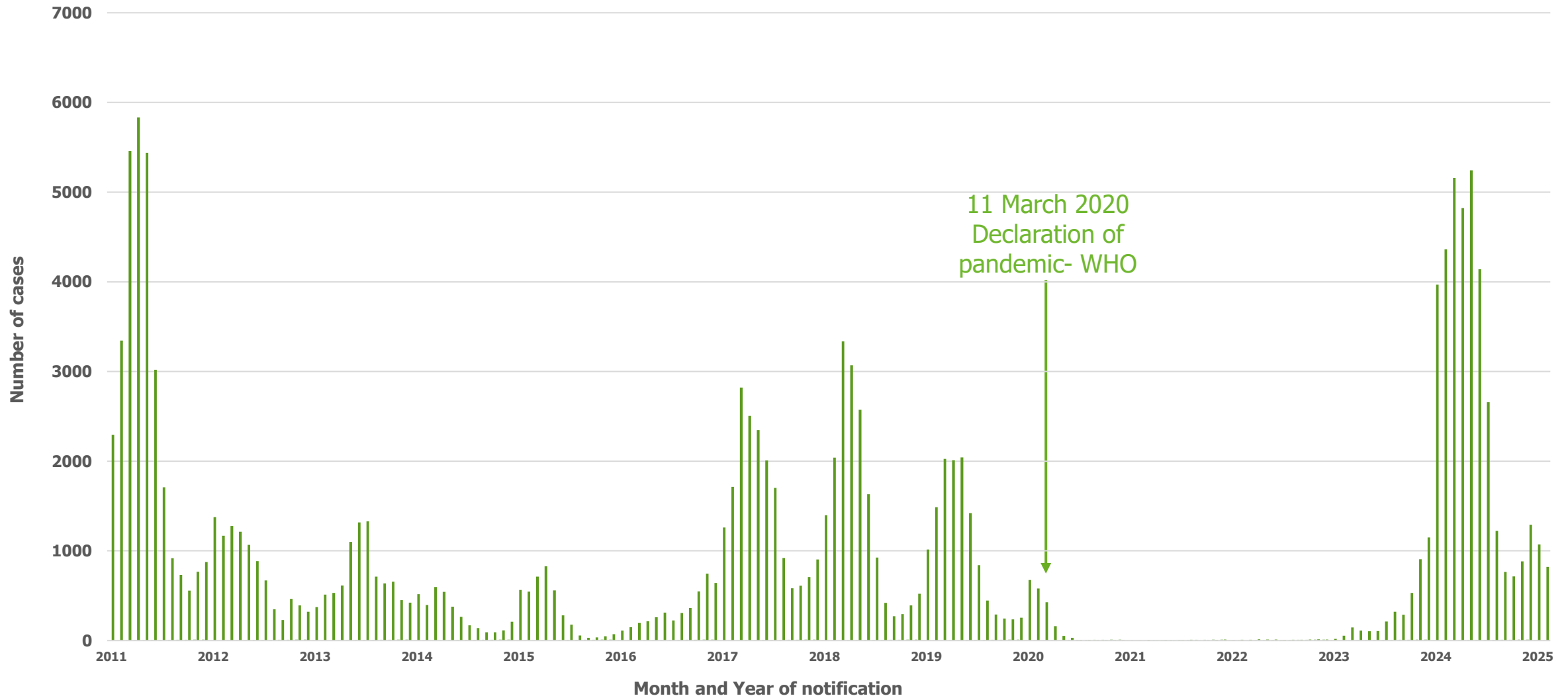


Latest trends of selected vaccine-preventable diseases data in EU/EEA: measles and polio

Sabrina Bacci, Head of Vaccine-preventable Diseases and Immunisation

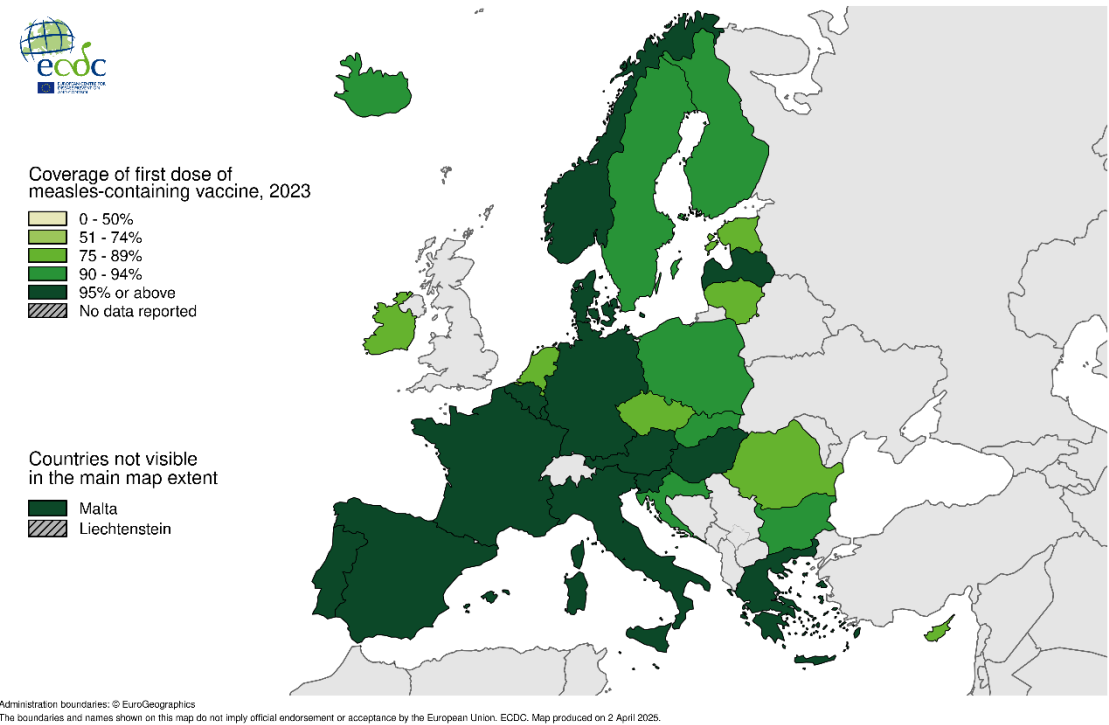
28.04.2025, Online event, European Immunization Week

Insufficient population protection results in measles epidemics

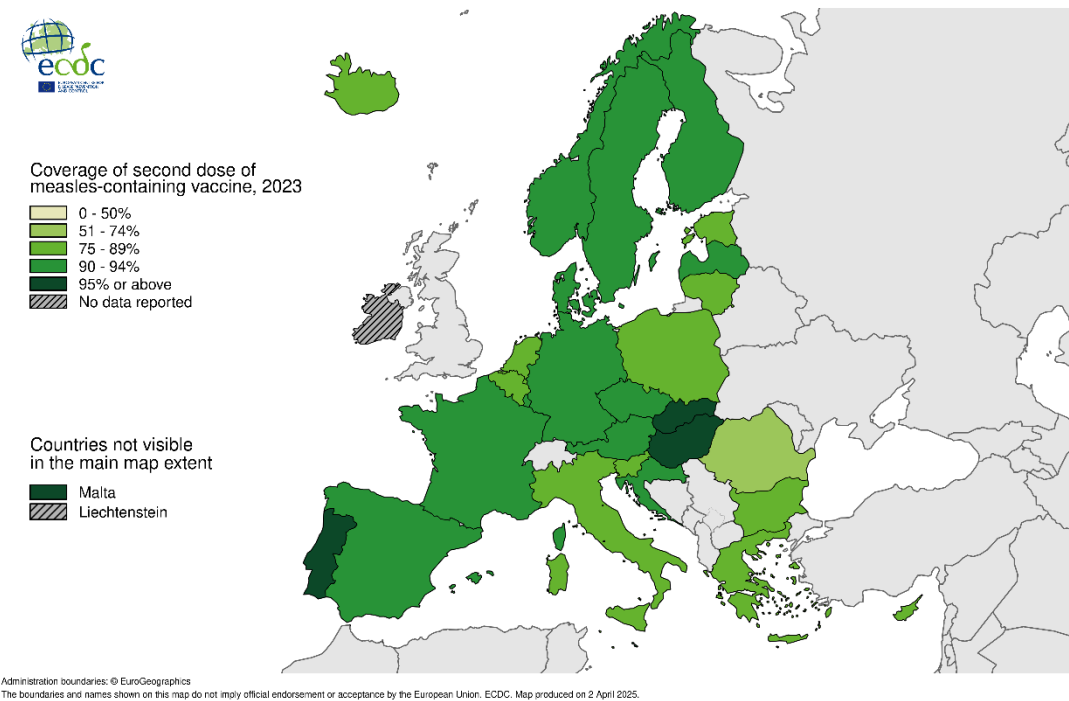


Vaccination coverage for the measles vaccine, EU/EEA countries

First dose

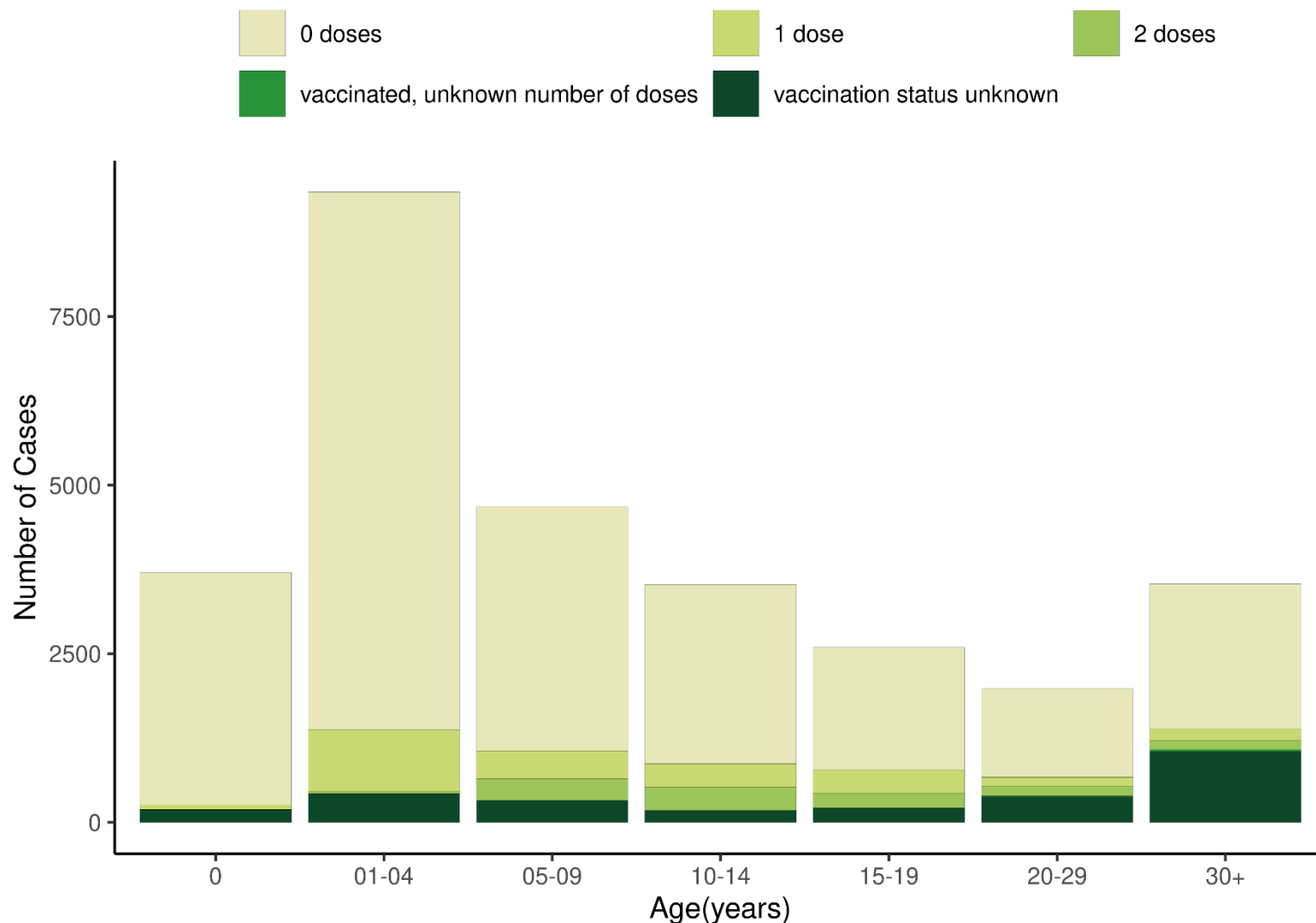


Second dose



	Positive trend ($\geq 3\%$) (2023 vs 2020)	Negative trend ($\leq 3\%$) (2023 vs 2020)	No of countries $\geq 95\%$ (2023)
First dose	2 countries	8 countries	15 countries
Second dose	4 countries	8 countries	4 countries

Measles affects all age-groups and most measles cases are not vaccinated



~half of the cases are in children <age of 5 years

1 out 4 cases are individuals over 14 years

Children <1 year are the ones most at risk of complications

Up to 1 out of 2 cases are in adults >30 years in some countries

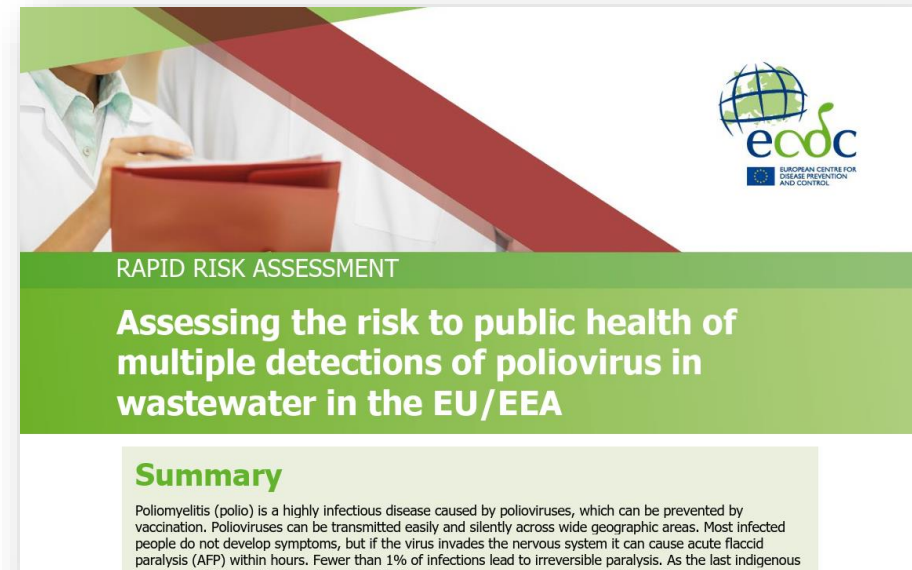
8/9 out of 10 cases are not vaccinated.

Polio



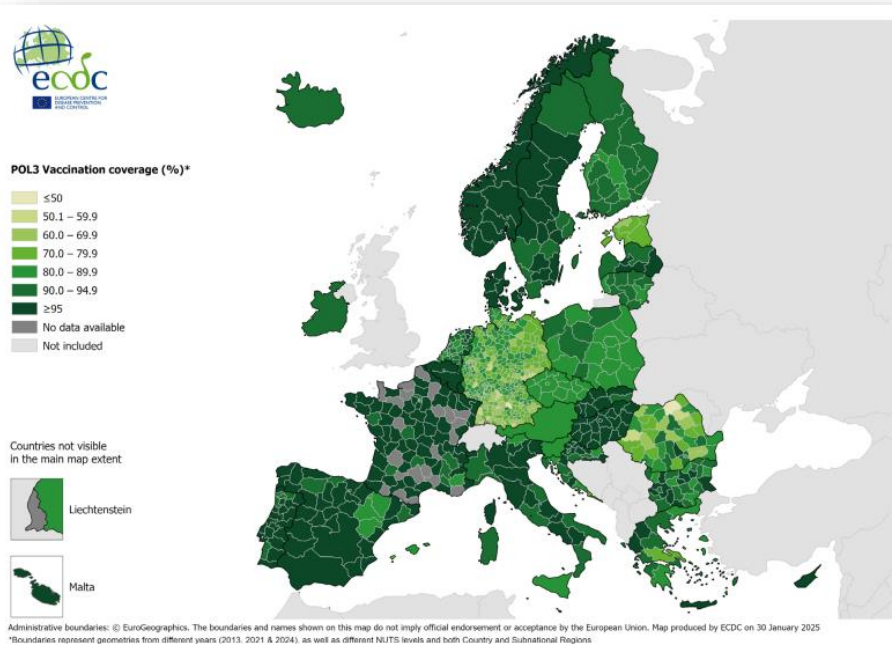
No case of Acute Flaccid Paralysis due to polio

January 2025



Immunity gaps are present in the population

Vaccination coverage (median) for third dose of polio containing vaccine at subnational level, 86% (43-100%)



ECDC calculations estimated that:

600 000 children in EU/EEA countries might not have received the third dose of polio vaccination on time between 2022 and 2023

	Vacc.cover. (≤80%)	Vacc.cover. (≥ 90%)
% of subnational entities (NUTS 3)	34%	39%

Conclusion

Surveillance and monitoring

Role of health care professionals

Effective and safe vaccines

Informed decision on immunisation

Digital tools to monitor the programme and improve performance

Life course vaccination



Be on time!