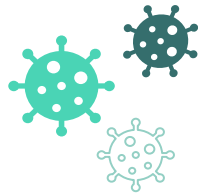




The Burden Across Europe



- Seasonal influenza causes up to **50 million symptomatic cases** and 15,000–70,000 deaths across the EU/EEA.¹
- Around 88% of flu deaths occur in **adults ≥65 years**, underscoring the need to protect older adults.²
- RSV causes an estimated 160,000 adult hospitalisations annually in the EU, 92% in those aged 65 years.³

Yet coverage among those most at risk remains **suboptimal**:

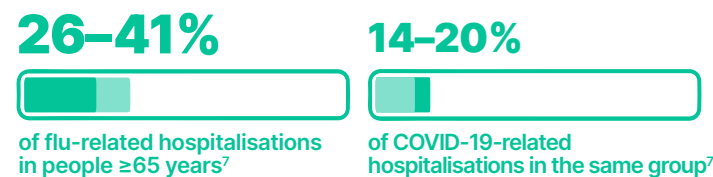
Flu vaccination:
Median coverage in **older adults** reached 47% **47%** in 2024/25, remaining **below** pre-pandemic levels.⁴

COVID-19 vaccination:
Median coverage among adults aged ≥60 years was 14.0% **14.0%** in 2023/24, ranging from 0.02% to 66.1% across reporting EU/EEA countries.⁵

WHO SAGE recommends routine COVID-19 vaccination for those at highest risk of severe disease.⁶

Vaccination is Working

ECDC modelling of the **2024/25** season estimated that, across the **EU/EEA**, vaccination prevented:



But the benefit is **uneven**: the gap between the best- and worst-performing countries reached:



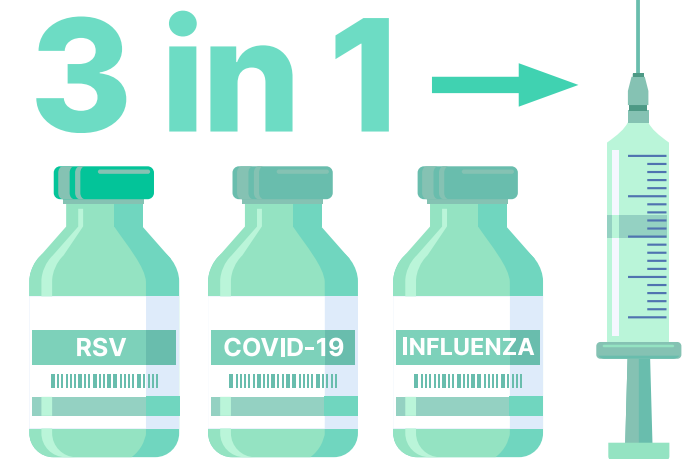
RSV vaccination is effective: real-world UK evidence found approximately 75% effectiveness against RSV-associated hospitalisation among adults aged 75–79 years.⁸



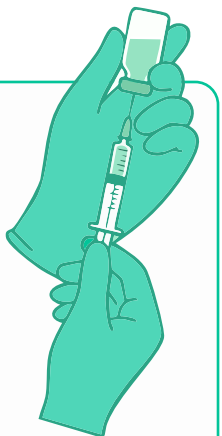
On the Horizon: A Single-Shot Combination Vaccine

Early preclinical research:

- Researchers are developing a single-shot influenza, COVID-19, and RSV vaccine using the CoPoP platform. Animal studies are promising, but human safety and efficacy have not been established.¹⁴



- In preclinical animal studies, the candidate generated antibody responses **comparable to the individual vaccine components**, with no evidence of immune interference.¹⁴
- The stated rationale directly echoes Europe's own coverage problem: patients often **skip one or more** recommended vaccines simply due to inconvenience, and **a single annual shot** could **lower that barrier**.¹⁴



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Abbreviations:

CoPoP: cobalt porphyrin-phospholipid; ECDC: European Centre for Disease Prevention and Control; EEA: European Economic Area; pp: percentage points; RSV: respiratory syncytial virus; SAGE: Strategic Advisory Group of Experts on Immunization.