

Evidence from bottom-up costing studies vs modelled estimates: what have we learned from C19 vaccine delivery costing?

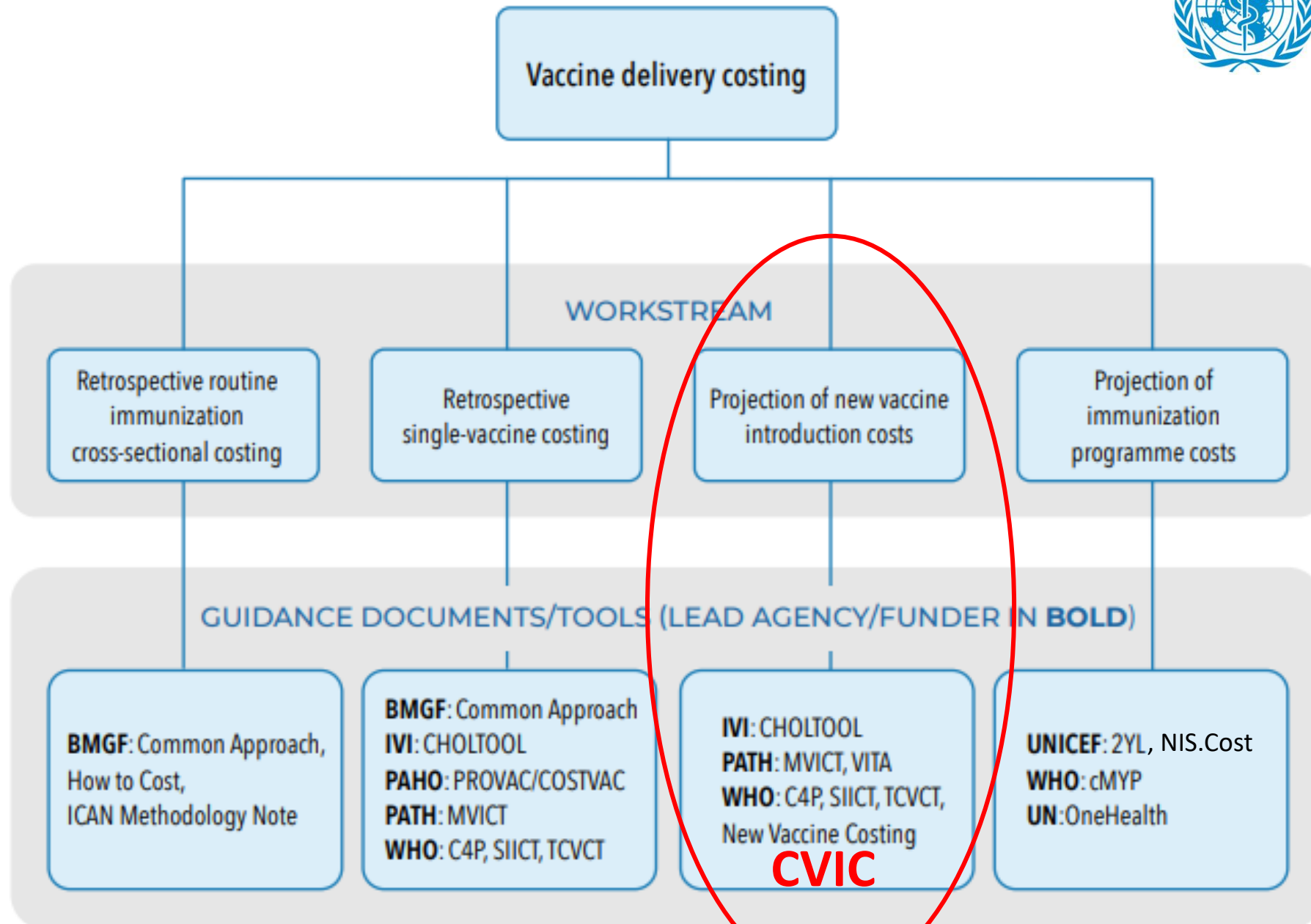
Learnings from CVIC

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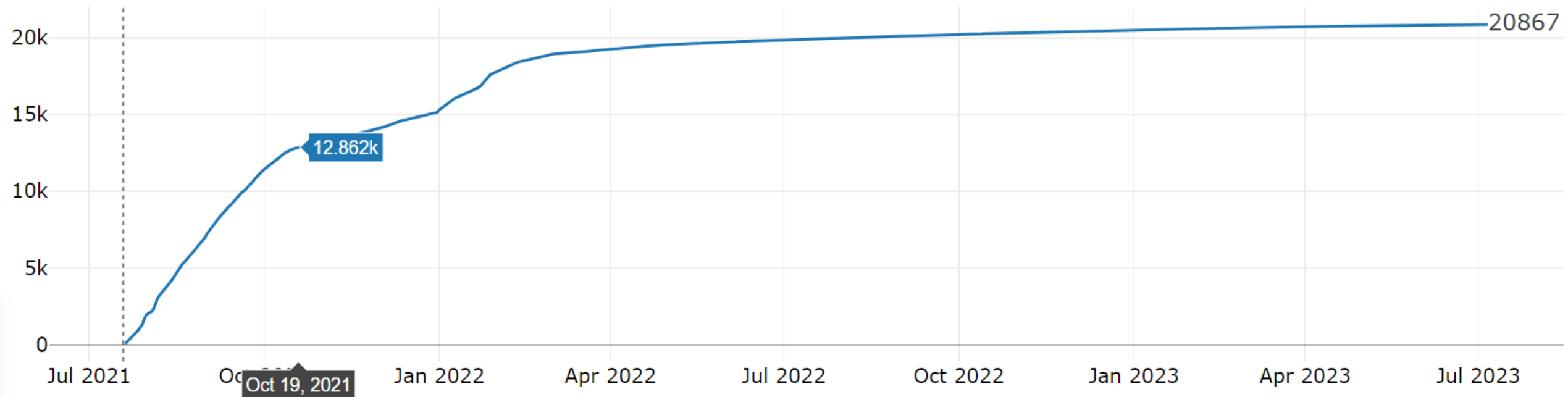


COVID-19 Vaccine Introduction and deployment Costing (CVIC) Tool



- WHO-UNICEF cost projection tool
- Structured and comprehensive estimation of incremental costs required to roll out COVID-19 vaccine
- National costing for strategic planning and global and domestic resource mobilization
- >25 countries completed
- >20,800 persons joined its [e-learning course](#)

CVIC e-learning course



Assumptions in CVIC and reality

- Choice of vaccine products VS delivery modalities
- Most default cost data was based on global modelling
 - Users were encouraged to use local data
- Assumed overnight stays for outreach

Learnings on its use

- Technical support and guidance are needed
- Use of the tool
- Assumptions
- Interpretation of results
- Vaccination delivery strategies, human resource planning, vaccination financing
 - Easier at country or regional level

Learnings on costing process

- Communication and engagement with the government, partners, WHO/UNICEF country offices at an early stage
- Initially created for costing but also useful for planning and funding request through the COVID-19 Partners Platform

Learnings on a cost projection tool

- “Ball park” numbers rather than accuracy, given the complex reality
- Scenario analysis by running the tool several times
- Guidance on conducting a cost projection analysis
- Guidance to developers of costing tools and decision-makers on how best to use these costing estimates
- Identify cost drivers
 - Plan to analyze the completed CVIC data from 25 countries
- Retrospective studies to validate assumptions made and cost estimates from cost projections and what we can learn for the future when we face similar challenges
- Be prepared for Disease X and how we can customize the cost projection tool

Summary

- Cost projection tool was used for decision-making under uncertainties specifically during a pandemic
- Lessons learnt for Disease X
 - Gathering stakeholders at early stage
 - Technical support
 - Guidance on best use of estimates from cost projection
 - Identifying cost drivers
 - Validating assumptions with retrospective studies
 - Not focusing on accuracy but “ball park” numbers

Thank you