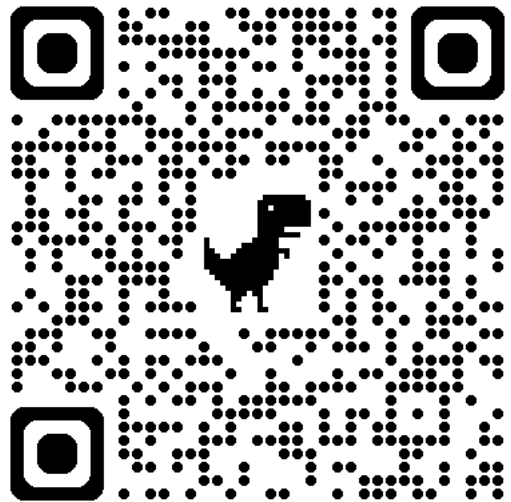


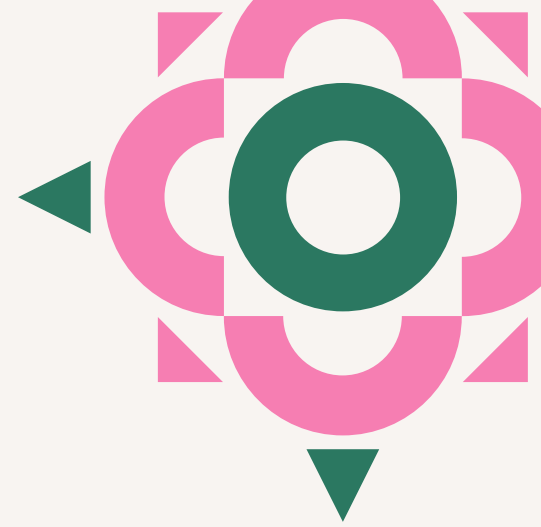
# Elimination of Mother to Child Transmission in Low-Income Countries: *A Paradigm Shift is Needed*

Razavi-Shearer D, Gamkrelidze I, Hall S, Razavi-Shearer K, Razavi H

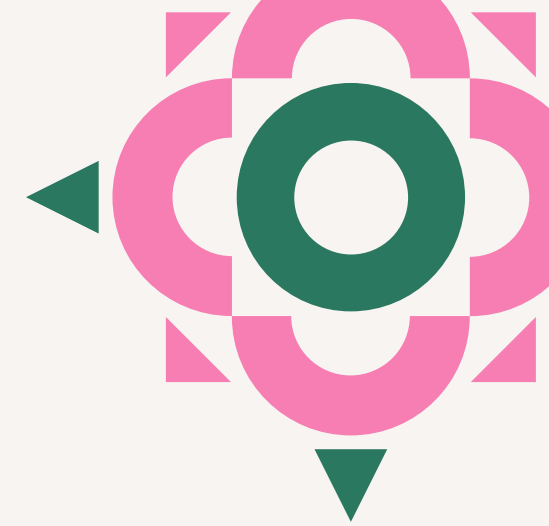


# Disclosure Statement

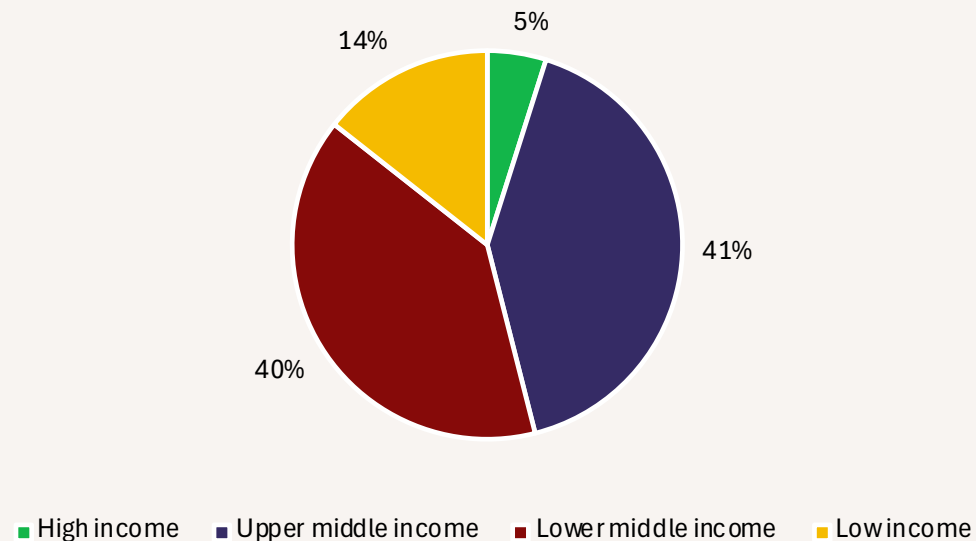
- Nothing to declare.
- Center for Disease Analysis has received research funding from: Gilead, AbbVie, Boehringer Ingelheim, GSK, Madrigal, and Merck.
- The Polaris Observatory is exclusively funded by the John C. Martin Foundation through 2030.



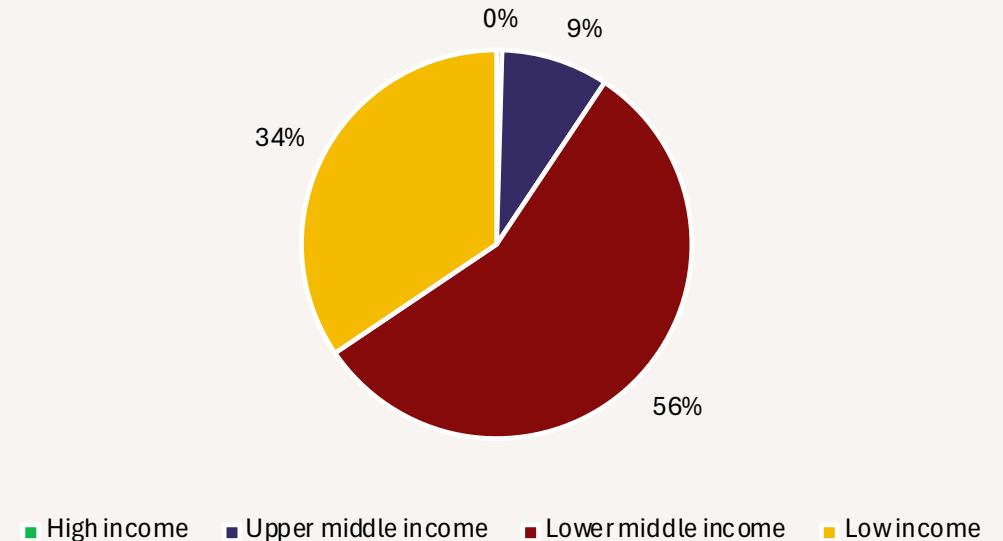
# Globally only 14% of people living with HBV are in Low Income Countries, but this is where 34% of new cases occur



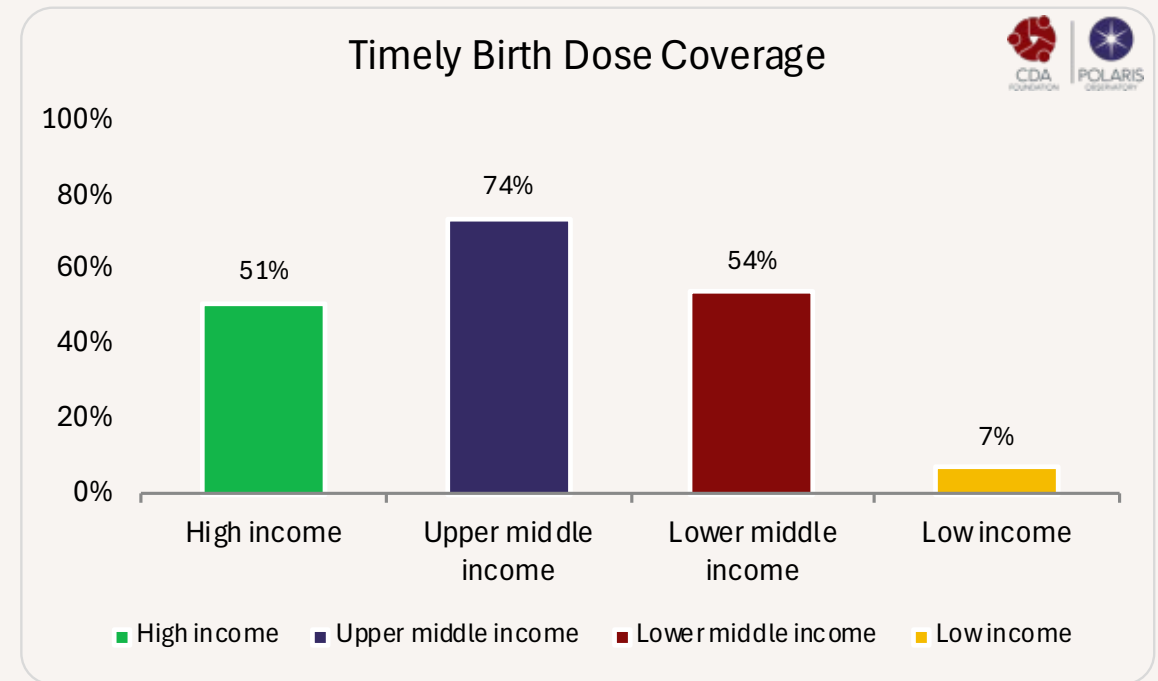
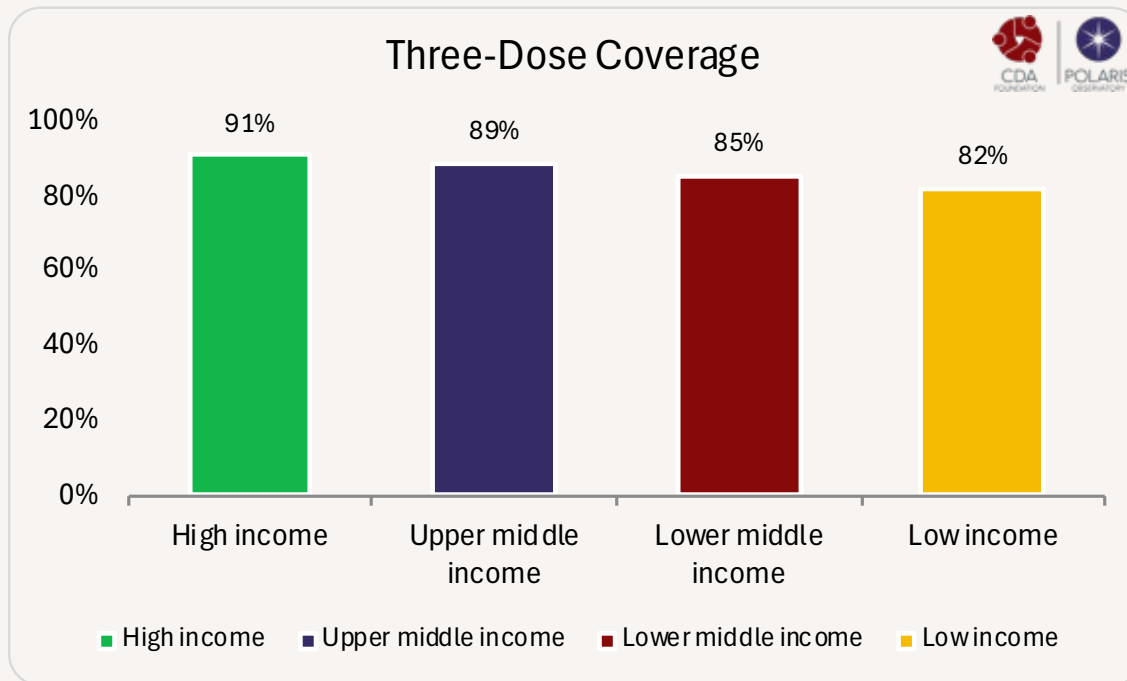
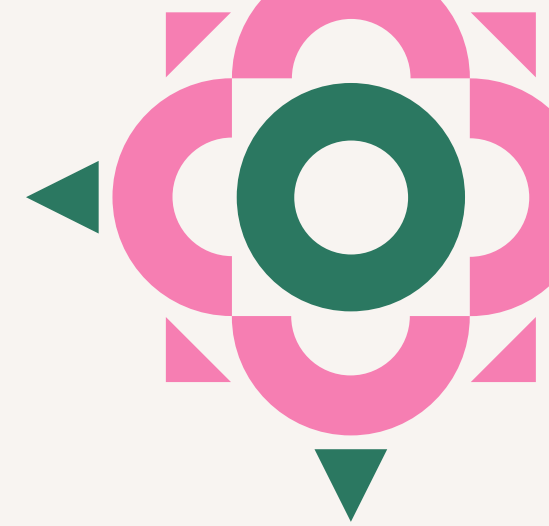
Global HBsAg+ Cases - 2026



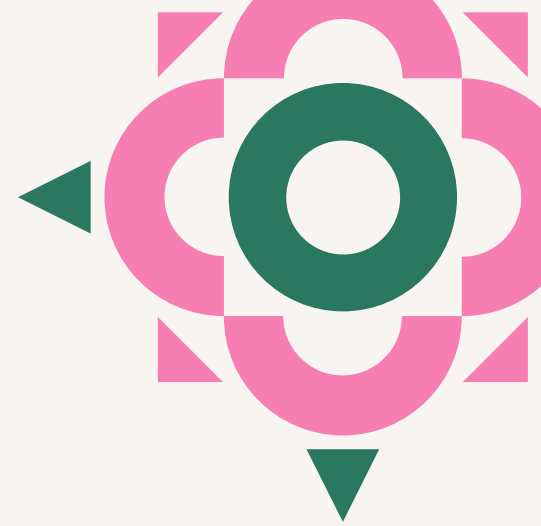
Incidence of Chronic HBV - 2026



# While there is still work to be done on three dose coverage, timely birth dose coverage is abysmal



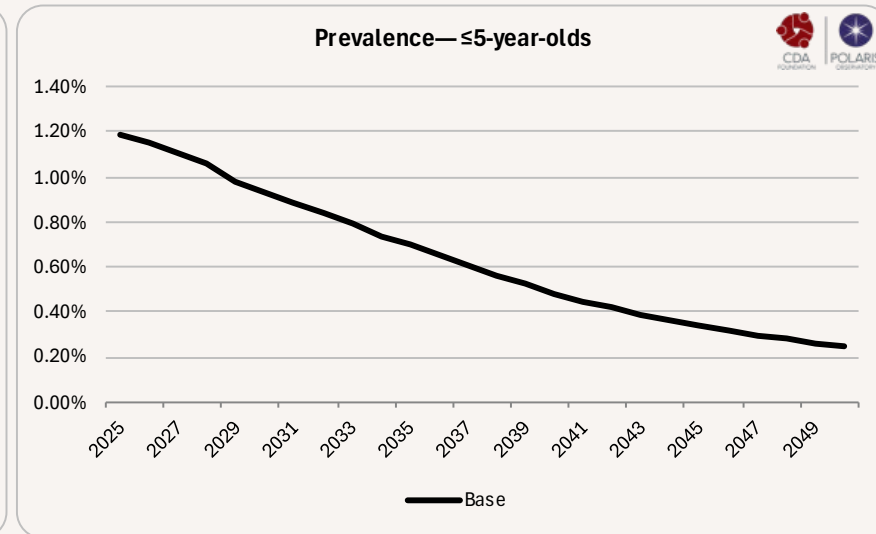
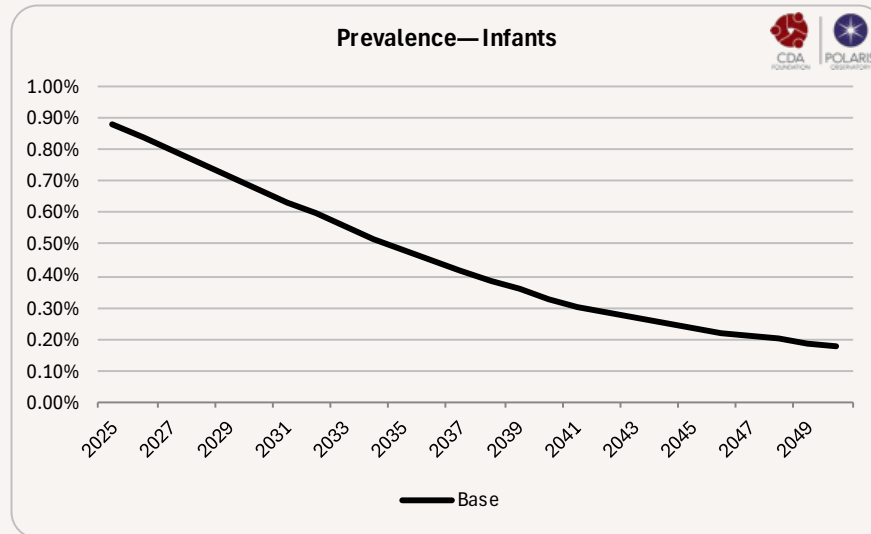
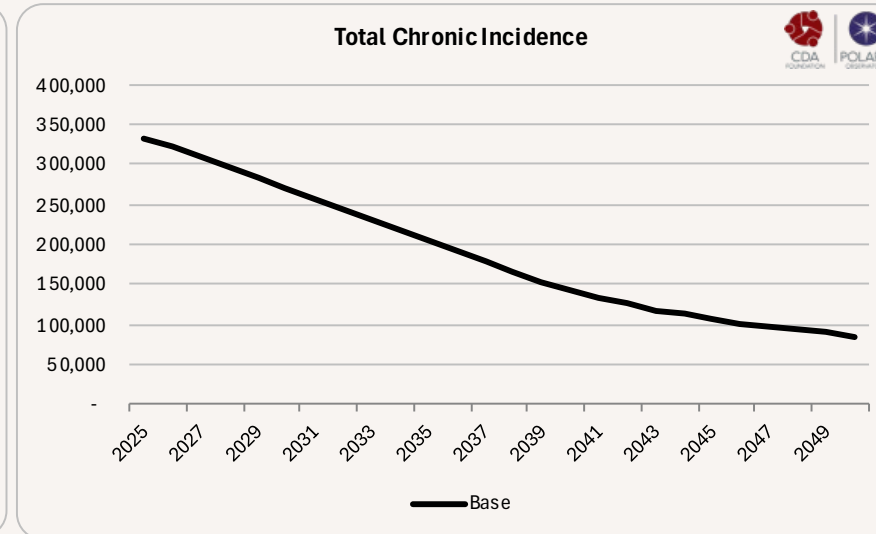
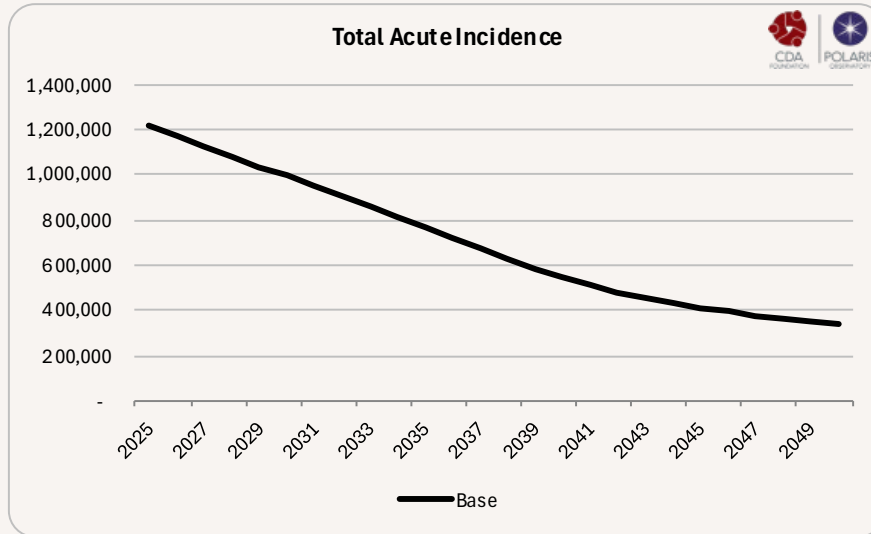
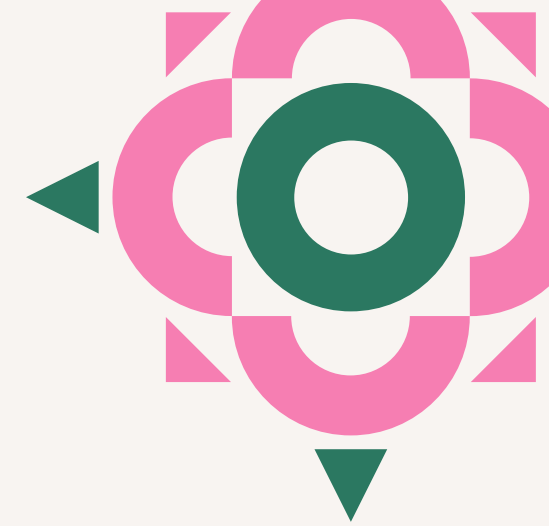
## A Low-Income Regional P<sub>Ro</sub>GReSs Model was developed utilizing the 26 country specific models that are updated annually



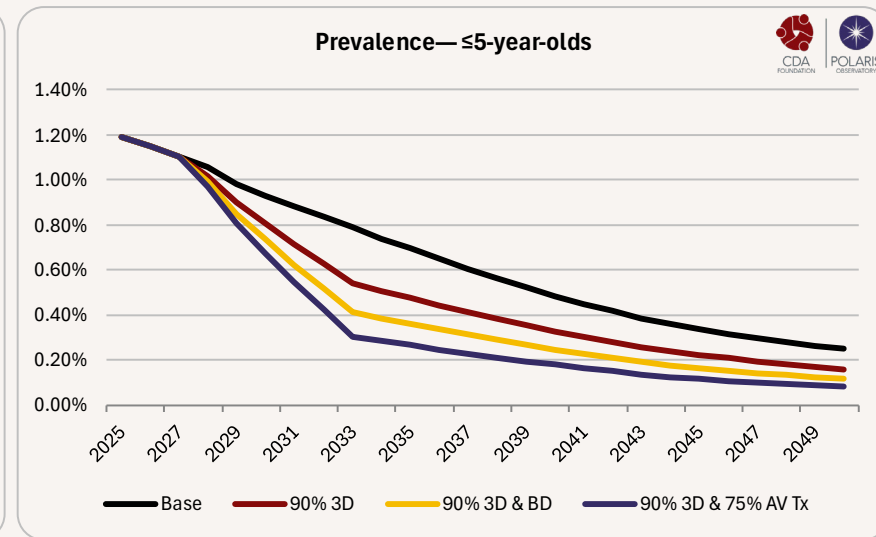
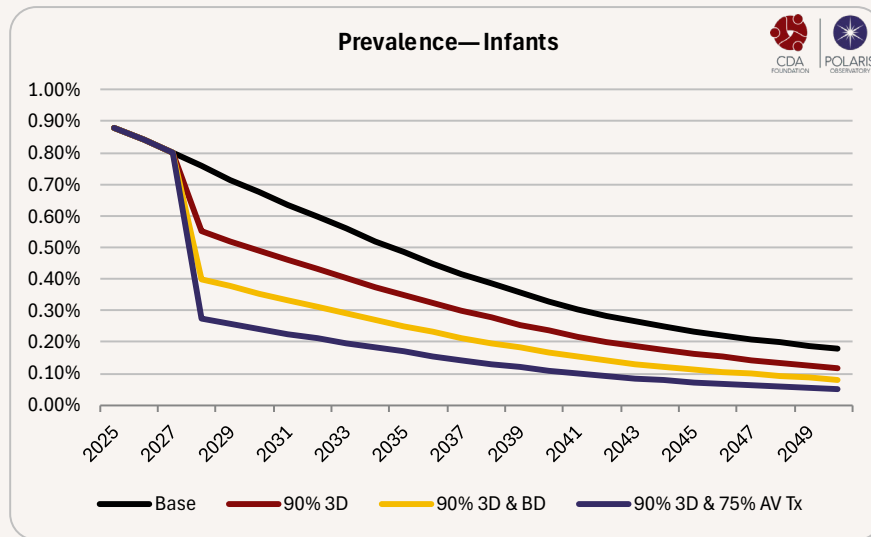
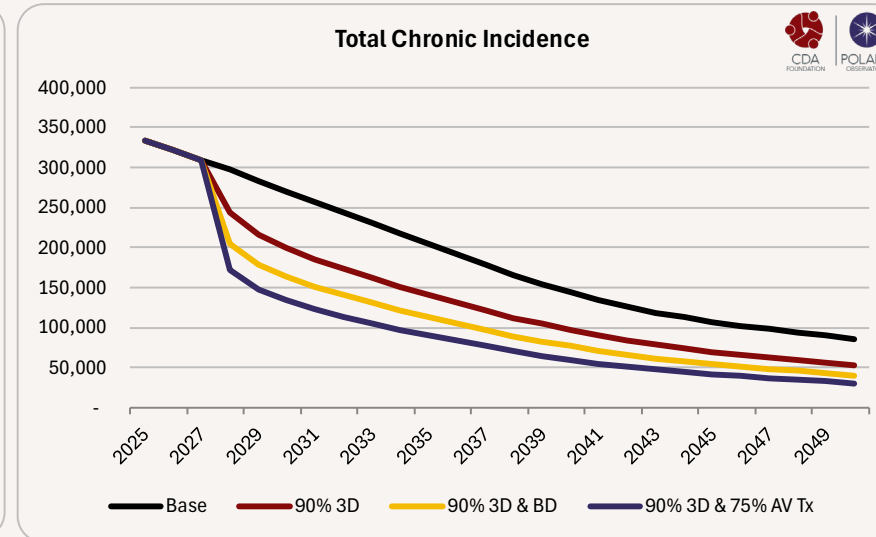
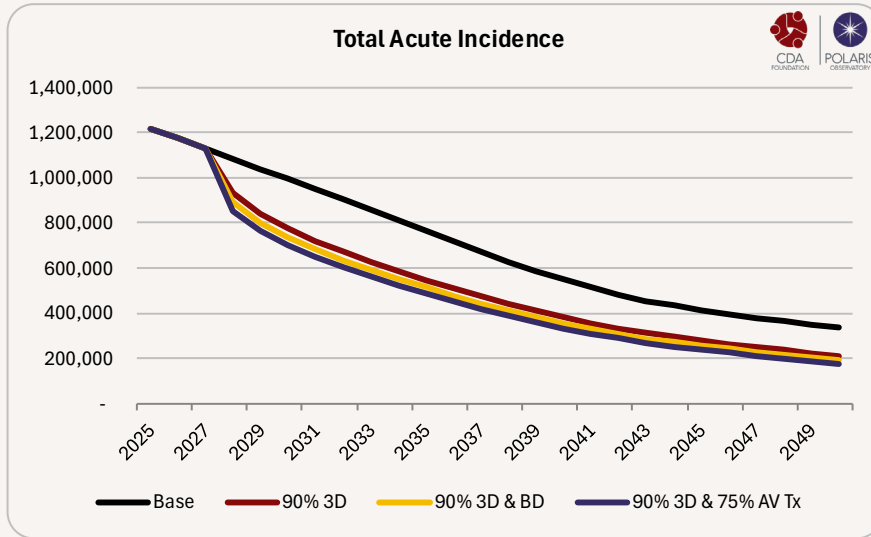
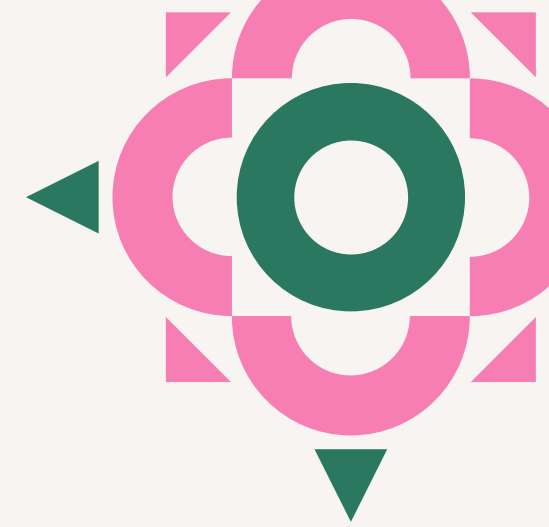
Four scenarios were considered:

- Base – Maintain timely birth dose coverage of 7% and three dose coverage of 82% into the future
- 90% 3D – Maintain timely birth dose coverage of 7%, but increase three dose coverage to 90% by 2028
- 90% BD & 3D – Increase three dose and timely birth dose coverage to 90% by 2028
- 90% 3D & 75% AV Tx – Increase three dose to 90% and antiviral treatment of pregnant women to 75% by 2028 while maintaining 7% timely birth dose coverage

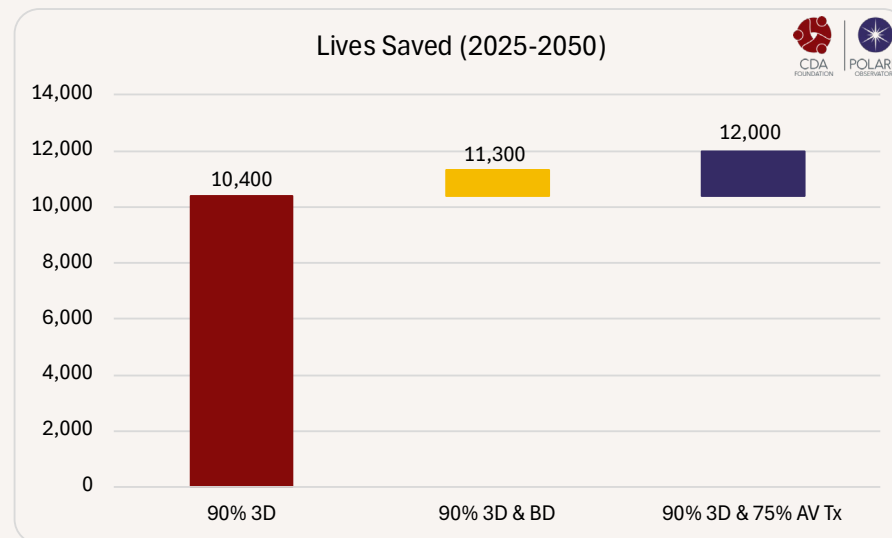
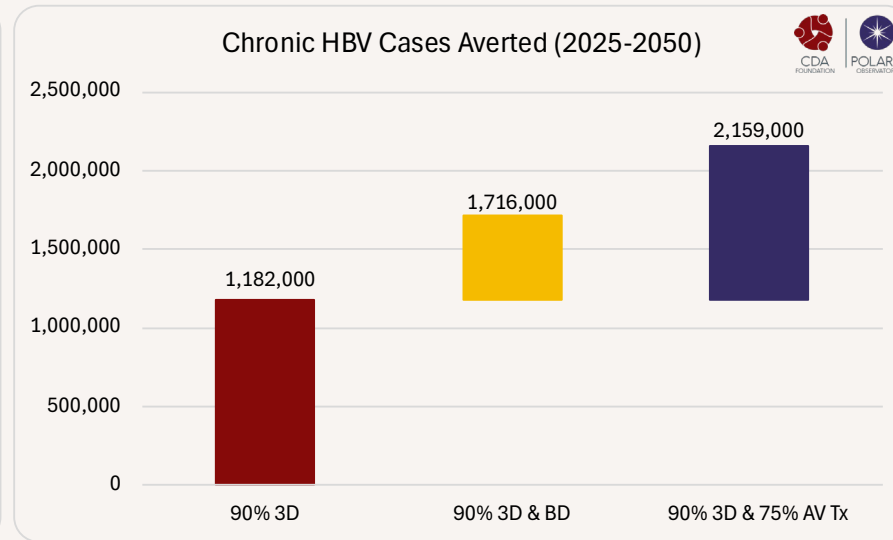
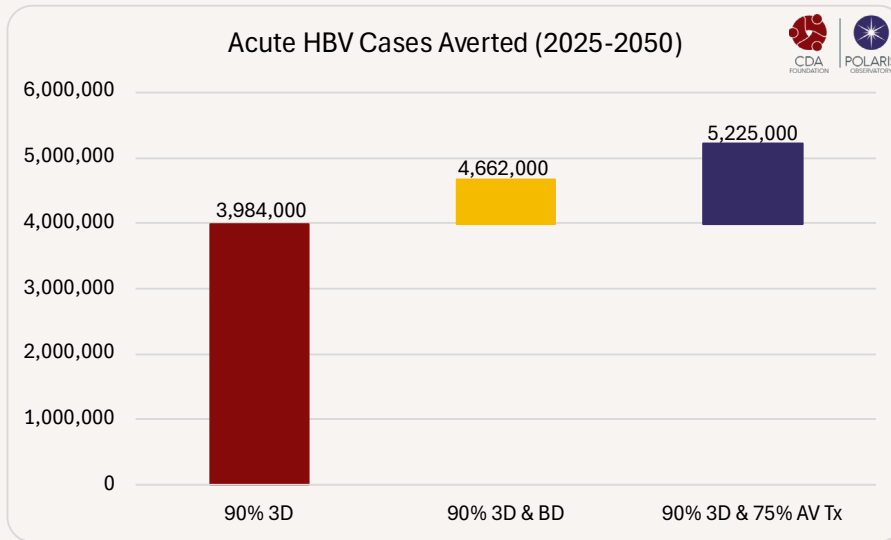
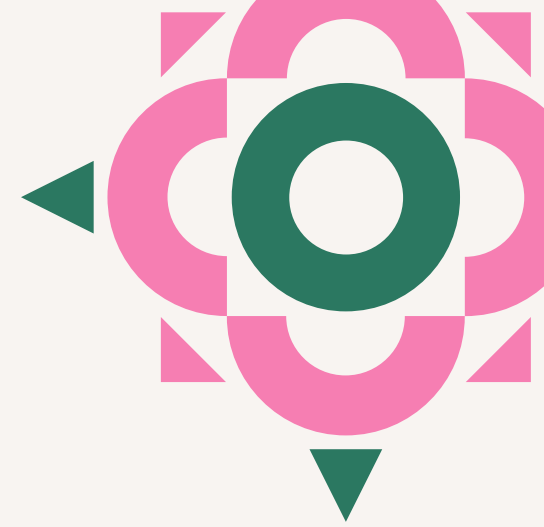
# In the absence of increased coverage, incidence and prevalence among children will decrease as the women vaccinated as infants become mothers



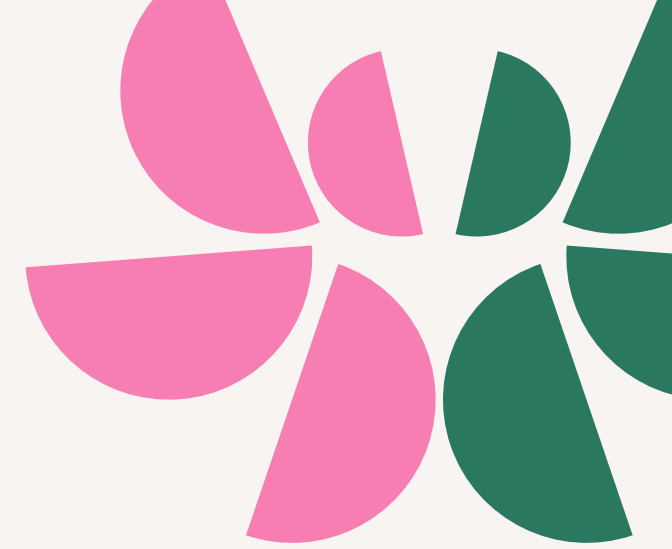
# In the absence of increased coverage, incidence and prevalence among children will decrease as the women vaccinated as infants become mothers



# The single most impactful intervention is reaching 90% three dose coverage by 2028



# CALLS TO ACTION



**1.** Please **2.** Do

**3.** Anything

# THANK YOU

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[www.cdafound.org](http://www.cdafound.org)

