



## Other LiST tools



# Missed Opportunities

What would happen if we scaled up each intervention to 90% individually in the following year?

# Missed Opportunities analysis concept

- Visualization tool to compare relative impact of interventions at scale
- Quick and easy first look at potential lives saved for each intervention
- Does not require users to have extensive prior knowledge about current status of the country
- Useful for intervention prioritization and program planning

# Missed Opportunity tool in software

- Scale up one intervention at a time to see impact in isolation
- Using default data from LiST
  - Each intervention scaled up from current coverage to 90% in the next year
  - Coverage is kept as is if already at or above 90%
- Using custom data
  - User can generate country projection or subnational projection with custom data
  - User can choose target coverage for scale up

# Missed Opportunity analysis results interpretation

- Additional deaths prevented = Deaths without intervention scale up – Deaths with intervention scale up
- Largest bars displayed on the most left of charts represent evidenced-based, high impact interventions with
  - Low current coverage
  - Impact a large cause of death
  - Very effective at averting deaths due to that cause
- Depend on data availability
- Users consider feasibility and implementation of intervention scale up
- Cannot sum impact across interventions

# Missed Opportunity practice

Your team wants to find out what are the missed opportunities in your Mali program area

Use the Missed Opportunity Tool in LiST to find out what interventions are the most impactful when scaled up to high coverage

# Missed Opportunity analysis applications

- Useful guide for intervention prioritization and program planning
  - Bill and Melinda Gates Foundation
  - Project Samuday
  - Global Financing Facility investment cases





**Equity tool**

What would happen if everyone in the country had the same coverage level as the richest quartile for each intervention individually in the following year?

# “Equity” concept

- Household survey data is disaggregated by wealth quintile
- For each intervention, can find the coverage rate of the top wealth quintile (wealthiest 20% of population)
- Use this coverage rate as the scale-up target for the entire country
- Helps to target within-country inequalities
- Is presumably a feasible target, given that it has already been achieved for 20% of the country

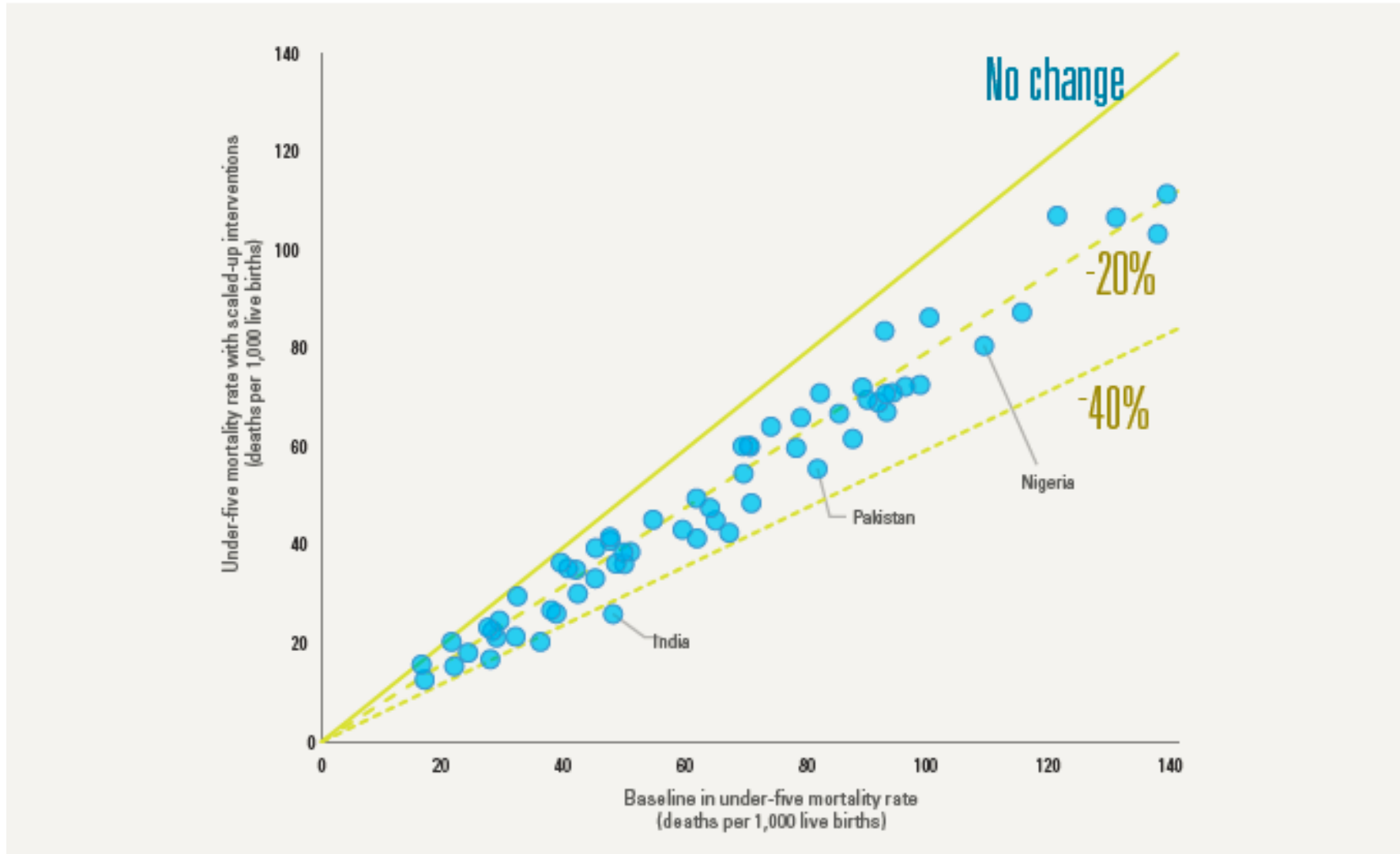
# UNICEF Report



# Equity tool in the software

- Same methodology as MO (scale up one intervention at a time to see impact in isolation)
- Uses top WQ coverage rate as target (instead of 90%)

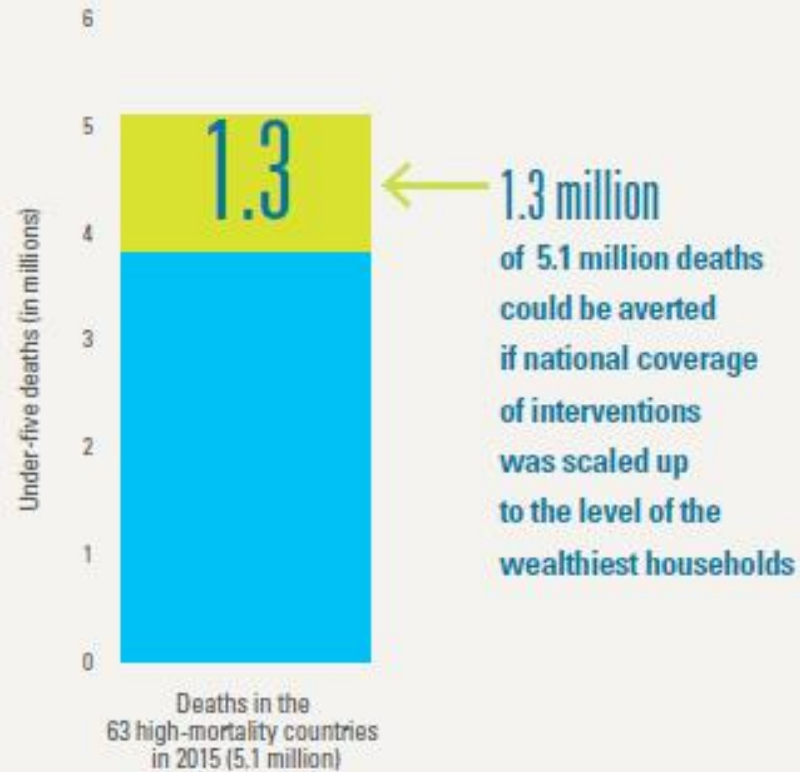
**FIG. 43 All 63 high-mortality countries would benefit from reducing inequities in health interventions**  
*Impact on the under-five mortality rate of increasing national coverage to the level of the top wealth quintile*



Source: Lives Saved Tool (LiST) analysis by Johns Hopkins University, 2015

**FIG. 42 One in four under-five deaths could be averted in 63 high-mortality countries by scaling up national intervention coverage rates to the level of the wealthiest households**

*Number of deaths in a set of 63 countries with high under-five mortality in 2015 and the number of under-five deaths that could be averted if national coverage of interventions was scaled up to the level of the wealthiest households*



Source: Lives Saved Tool (LiST) analysis by Johns Hopkins University, 2015

# LiST visualizer



# LiST Visualizer

- Web-based tool showing all linkages included in LiST software
- Includes coverage data, effectiveness values, and references for data sources

<http://listvisualizer.org/>

# Practice: LiST Visualizer

Your team wants to find out the effects of all the interventions that have an impact on averting child diarrhea deaths.

Use the LiST Visualizer to produce an image of intervention linkages to diarrhea death, along with a list of the data sources of the interventions' effect.

# Scenario Generator / Extract

# Scenario generator

- Allows users to scale up interventions for multiple projections at one time
- Can scale to a target percentage (e.g. 90%) or by percentage points (e.g. increase 2 pp per year from the baseline coverage)
- Will not scale down any coverage already above the target
- Useful for multi-country scenarios

# Extract

- Allows users to extract projection results from one or multiple projections into an Excel file
- Available for all results in Spectrum (all modules)
- Easier manipulation of data, better graphics / visualization