

## Baseline vaccination coverage survey

**NOTE:** To assess the cohort of children who were aged 12–35 months at the start of the intervention (30 June 2024), we enrolled children aged 24–47 months at the time of the survey. The child’s age in months represents the child’s age at the time of the survey; the vaccination status represents the child’s vaccination status before 30 June 2024 for children whose information source was the vaccination card, or the facility. No vaccination dates were collected for caregiver-provided data thus the vaccination status for those children represents the vaccination status on the day of data collection.

**NOTE:** Data were collected in line with the following WHO guidance: *World Health Organization Vaccination Coverage Cluster Surveys: Reference Manual* (2021): [World Health Organization Vaccination Coverage Cluster Surveys: Reference Manual](#)

### Demographic variables

child_uid	Unique identifier for each child
age_months	Child’s age in months at time of survey (July/August 2025)
sex_of_child	Sex of child
region_full	Region full name
district_full	District full name
cluster_number	Cluster number
cluster_full	Cluster full name
cluster_weight	Cluster weight
source	Source of vaccination information for the child

### Harmonised Vaccination Variables

The dataset contains harmonised vaccination variables for each antigen. Harmonisation was performed using a hierarchical source prioritisation approach. Vaccination card records were prioritised over health facility records, which were prioritised over caregiver recall.

For each antigen, two variables are provided:

- `_yn_comb`: Harmonised vaccination status.

- `_yn_source`: Source from which the harmonised vaccination status was obtained.

## Value labels

### \*`_yn_comb` variables

#### Value Label

1 Yes

2 No

### \*`_yn_source` variables

#### Value Label

1 Card

2 Facility

3 Caregiver

## Variable descriptions

Vaccination status represents the vaccination status of the child before 30/06/2024 (the start date of the intervention) for children whose source of vaccination information was card/facility. For caregiver-provided information the `_comb` variables represent the antigen-specific vaccination status on the day of data collection.

Variable	Description
<code>bcg_yn_comb</code>	Bacille Calmette–Guérin (BCG) vaccine received
<code>bcg_yn_source</code>	Source of BCG vaccination information
<code>polio0_opv_yn_comb</code>	Oral Polio Vaccine birth dose (OPV0) received
<code>polio0_opv_yn_source</code>	Source of OPV0 vaccination information
<code>polio1_opv_yn_comb</code>	First dose of Oral Polio Vaccine (OPV1) received
<code>polio1_opv_yn_source</code>	Source of OPV1 vaccination information

<b>Variable</b>	<b>Description</b>
polio2_opv_yn_comb	Second dose of Oral Polio Vaccine (OPV2) received
polio2_opv_yn_source	Source of OPV2 vaccination information
polio3_opv_yn_comb	Third dose of Oral Polio Vaccine (OPV3) received
polio3_opv_yn_source	Source of OPV3 vaccination information
penta1_yn_comb	First dose of Pentavalent vaccine (DTP-HepB-Hib) received
penta1_yn_source	Source of Penta1 vaccination information
penta2_yn_comb	Second dose of Pentavalent vaccine (DTP-HepB-Hib) received
penta2_yn_source	Source of Penta2 vaccination information
penta3_yn_comb	Third dose of Pentavalent vaccine (DTP-HepB-Hib) received
penta3_yn_source	Source of Penta3 vaccination information
pcv1_yn_comb	First dose of Pneumococcal Conjugate Vaccine (PCV1) received
pcv1_yn_source	Source of PCV1 vaccination information
pcv2_yn_comb	Second dose of Pneumococcal Conjugate Vaccine (PCV2) received
pcv2_yn_source	Source of PCV2 vaccination information
pcv3_yn_comb	Third dose of Pneumococcal Conjugate Vaccine (PCV3) received
pcv3_yn_source	Source of PCV3 vaccination information
polio1_ipv_yn_comb	First dose of Inactivated Polio Vaccine (IPV1) received
polio1_ipv_yn_source	Source of IPV1 vaccination information
polio2_ipv_yn_comb	Second dose of Inactivated Polio Vaccine (IPV2) received
polio2_ipv_yn_source	Source of IPV2 vaccination information
rota1_yn_comb	First dose of Rotavirus vaccine (Rota1) received
rota1_yn_source	Source of Rota1 vaccination information

<b>Variable</b>	<b>Description</b>
rota2_yn_comb	Second dose of Rotavirus vaccine (Rota2) received
rota2_yn_source	Source of Rota2 vaccination information
measles1_yn_comb	First dose of Measles-containing vaccine (MCV1) received
measles1_yn_source	Source of MCV1 vaccination information
measles2_yn_comb	Second dose of Measles-containing vaccine (MCV2) received
measles2_yn_source	Source of MCV2 vaccination information

### **Harmonisation procedure**

For each antigen, vaccination status was derived using the following hierarchy:

1. Vaccination card record.
2. Health facility record.
3. Caregiver recall.

Where a child was reported by the caregiver as never having received any vaccination, all harmonised vaccination status variables were coded as "No" and the corresponding source variables were coded as "Caregiver".