PBMEF Childhood TB Indicators

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The color of the indicator reference sheet indicates whether the indicator is calculated or not calculated, and whether it could be considered a disaggregate of another indicator:

Calculated indicators:

| Indicator name | Ex: PCT TB ART: Percentage TB clients who start or |
|----------------|--|
| | continue ART |

Non calculated indicators:

Indicator name Ex: TB_ART_N: Number of TB clients who start or continue ART

Calculated indicators that could be reported as a disaggregate of another indicator:

Indicator name Ex: PCT_DRTB_ART: Percentage DR-TB clients who start or continue ART

Non calculated indicators that could be reported as a disaggregate of another indicator:

Indicator name Ex: DRTB_ART_N: Number of DR-TB clients who start or continue ART

| Indicator name | E_INC_NUM_014: Estimated TB incidence among children and adolescents (0-14 years) [Previously CH-1] | |
|-----------------|---|--|
| Definition | Estimated number of children and adolescents aged 0-14 years with incident TB (all forms) during the reporting period. | |
| Numerator | Estimated number of children and adolescents aged 0-14 years with incident TB (all forms) during the reporting period. **PBMEF data element: E_INC_NUM_014 WHO database: Age group, Sex and Risk factor file: 0-14, a, all | |
| Denominator | N/A N/A | |
| Category | Reach | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |
| Disaggregate by | Sex; note WHO includes disaggregation by sex for this indicator. | |

| Indicator name | E_MORT_NUM_014: Estimated number of TB deaths among children and adolescents (0-14 years) [Previously CH-2] | |
|-----------------|---|------------------------------------|
| Definition | Estimated number of TB deaths among children and adolescents aged 0-14 years. | |
| Numerator | Estimated number of TB deaths among children and adolescents aged 0-14 years. | PBMEF data element: E_MORT_NUM_014 |
| Denominator | N/A | |
| Category | Reach | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |
| Disaggregate by | | |

| Indicator name | PEDS_CLIN_EVAL: Children and adolescents (0-14 years) clinically evaluated for TB [Previously CH-3] | |
|-----------------|---|--|
| Definition | Number of children and adolescents (0-14 years) who screened positive for signs or symptoms of TB and were evaluated clinically for TB disease using country diagnostic algorithms during the reporting period. | |
| Numerator | Number of children and adolescents (0-14 years) who screened positive for signs or symptoms of TB and were evaluated clinically for TB disease using country diagnostic algorithms during the reporting period. PBMEF data element: PEDS_CLIN_EVAL | |
| Denominator | N/A N/A | |
| Category | Reach | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |

| Disaggregate by |
|-----------------|
|-----------------|

| Indicator name | PCT_PEDS_NOTIF: Percentage of new episodes of TB notified among children and adolescents (0-14 years) [Previously CH-6] | |
|-----------------|---|--|
| Definition | Percentage of new episodes of TB notified (all forms) that is among children and adolescents aged 0-14 years. | |
| | Country-specific percentages may be estimated based on age-specific epidemiological estimates, risk factors and understanding of the demographic structure of the population. | |
| Numerator | Number of new episodes of TB (all forms) among children and adolescents aged 0-14 years notified during the reporting period. PBMEF data element: PEDS_NOTIF WHO database: newrel_m014 + newrel_f014 | |
| Denominator | Total number of new episodes of TB (all forms) notified during the reporting period. **PBMEF data element: DSTB_NOTIF** WHO database: c_newinc | |
| Category | Reach | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percent of people | |
| Disaggregate by | | |

| Indicator name | PEDS_DT_RT: Childhood TB detection rate [Previously CH-7] | |
|----------------|---|--|
| Definition | Percentage of children and adolescents aged the reporting period, among the estimated TB in 0-14 in the reporting period. | |
| Numerator | Number of children and adolescents aged 0-14 years with a notified episode of TB in a reporting period. | PBMEF data element: PEDS_NOTIF WHO database: newrel_m014 + newrel_f014 |
| Denominator | Estimated TB incidence (all forms) among children and adolescents aged 0-14 years. | PBMEF data element: E_INC_NUM_014 WHO database: WHO database: Age group, Sex and Risk factor file: 0-14, a*, all |

| | | *Note this is also available disaggregated by sex from WHO database |
|-----------------|-------------------|---|
| Category | Reach | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percent of people | |
| Disaggregate by | Sex | |

| | Indicator name | PEDS_NOTIF: Childhood TB notifications |
|-------|----------------|---|
| Note: | | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |

| Indicator name | PEDS_NOTIF_04: Childhood TB (0-4 [Previously CH-8] | 4 years) notifications |
|----------------|---|------------------------|
| Definition | Number of children aged 0-4 years with notified TB (all forms) during the reporting period. | |
| Numerator | Number of children aged 0-4 years with a notified episode of TB (all forms) during the reporting period. PBMEF data element: PEDS_NOTIF_04 WHO database: newrel_f04 + newrel_m04 | |
| Denominator | N/A N/A | |
| Category | Reach | |
| Indicator type | Output | |

| PBMEF level | Extended | |
|---|----------|--|
| Unit of measure Number of people | | |
| Disaggregate by This indicator could be reported as a disaggregate of PEDS_NOTIF. | | |

| Indicator name | PEDS_NOTIF_514: Childhood TB (5-14 years) notifications [Previously CH-9] | | |
|-----------------|--|---|--|
| Definition | Number of children aged 5-14 years with notified TB (all forms) during the reporting period. | | |
| Numerator | Number of children aged 5-14 years with a notified episode of TB (all forms) during the reporting period. PBMEF data element: PEDS_NOTIF_514 WHO database: newrel_f514 + newrel_m514 | | |
| Denominator | N/A N/A | | |
| Category | Reach | | |
| Indicator type | Output | | |
| PBMEF level | Extended | | |
| Unit of measure | Number of people | | |
| Disaggregate by | This indicator could be reported as a disaggree | This indicator could be reported as a disaggregate of PEDS_NOTIF. | |

| Indicator name | PCT_PEDS_EPTB: Percent of childhood TB notifications that are extrapulmonary [Previously CH-12] | |
|----------------|---|---|
| Definition | Percentage of children and adolescents aged 0-14 who had extrapulmonary TB, among all children and adolescents aged 0-14 who had notified TB during a reporting period. | |
| Numerator | Number of children and adolescents aged 0-14 who had notified extrapulmonary TB during the reporting period. | PBMEF data element: PEDS_NOTIF_EPTB |
| Denominator | Number of children and adolescents aged 0-14 who had notified TB during the reporting period. | PBMEF data element: PEDS_NOTIF WHO database: newrel_f014 + newrel_m014 |
| Category | Reach | |

| Indicator type | Outcome |
|-----------------|------------------|
| PBMEF level | Extended |
| Unit of measure | Number of people |
| Disaggregate by | |

| | Indicator name | PEDS_BAC_CONF: Percent children and adolescents (0-14 years) bacteriologically confirmed |
|-------|----------------|---|
| Note: | | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |

| | Indicator name | PEDS_TSR: Childhood treatment success rate |
|---|----------------|---|
| N | ote: | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |

| | Indicator name | PEDS_DS_TSR_04: TSR for childho [Previously CH-15] | ood TB (ages 0-4) |
|----|--|---|---|
| D | Percentage of children and adolescents aged 0-4 years with TB (all forms) who were successfully treated (cured or treatment completed) among all children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period. | | eted) among all children and adolescents aged |
| N | umerator | Number of children and adolescents aged 0-4 years with TB (all forms) who were successfully treated (cured or treatment completed) during the reporting period. PBMEF data element: PEDS_DS_SUCC_04 PBMEF data element: PEDS_DS_SUCC_04 | |
| D | enominator | Number of children and adolescents aged 0-4 years who initiated TB treatment during the same reporting period (treatment cohort). | PBMEF data element: PEDS_DS_COH_04 |
| С | ategory | Cure | |
| In | ndicator type | Outcome | |
| Р | BMEF level | Extended | |
| U | nit of measure | Percent of people | |

| Disaggregate by | This indicator could be collected as a disaggregate of DS_TSR. |
|-----------------|--|
|-----------------|--|

| | Indicator name | PCT_PEDS_DIED: Treatment outcome for childhood TB (ages 0-14): Died [Previously CH-17] | |
|----|----------------|--|------------------------------|
| D | efinition | Percentage of children and adolescents aged 0-14 years with TB (all forms) who died during TB treatment, among all children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period. | |
| N | umerator | Number of children and adolescents aged 0-14 years with TB (all forms) who died during treatment during the reporting period. PBMEF data element: PEDS_DIED | |
| D | enominator | Number of children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period (treatment cohort). | PBMEF data element: PEDS_COH |
| С | ategory | Cure | |
| In | dicator type | Outcome | |
| P | BMEF level | Extended | |
| U | nit of measure | Percent of people, etc. | |
| D | isaggregate by | | |

| | Indicator name | PCT_PEDS_FAIL: Treatment outcome for childhood TB (ages 0-14): Treatment failed [Previously CH-18] | |
|---|---|--|-------------------------------|
| D | Definition Percentage of children and adolescents aged 0-14 years with TB (all forms) whose TB treatment failed, among all children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period. | | |
| N | umerator | Number of children and adolescents aged 0-14 years with TB (all forms) whose treatment failed during the reporting period. | PBMEF data element: PEDS_FAIL |
| D | enominator | Number of children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period (treatment cohort). | PBMEF data element: PEDS_COH |
| С | ategory | Cure | |

| Indicator type | Outcome |
|-----------------|-------------------|
| PBMEF level | Extended |
| Unit of measure | Percent of people |
| Disaggregate by | |

| | Indicator name | PCT_PEDS_LTFU: Treatment outcome for childhood TB (ages 0-14): LTFU [Previously CH-19] | |
|----|----------------|--|------------------------------|
| D | efinition | Percentage of children and adolescents aged 0-14 years with TB (all forms) who were lost to follow up, among all children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period. | |
| N | umerator | Number of children and adolescents aged 0-14 years with TB (all forms) who were lost to follow up during the reporting period. PBMEF data element: PEDS_LTFU | |
| D | enominator | Number of children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period (treatment cohort). | PBMEF data element: PEDS_COH |
| C | ategory | Cure | |
| In | dicator type | Outcome | |
| PI | BMEF level | Extended | |
| U | nit of measure | Percent of people | |
| D | isaggregate by | | |

Indicator name PCT_PEDS_NE: Treatment outcome for childhood TB (ages 0-14): Not evaluated

[Previously CH-20]

| Definition | Percentage of children and adolescents aged 0-14 years with TB (all forms) whose treatment outcome was not evaluated, among all children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period. | |
|-----------------|---|------------------------------|
| Numerator | Number of children and adolescents aged 0-14 years with TB (all forms) whose treatment outcome was not evaluated during the reporting period. | PBMEF data element: PEDS_NE |
| Denominator | Number of children and adolescents aged 0-14 years who initiated TB treatment during the same reporting period (treatment cohort). | PBMEF data element: PEDS_COH |
| Category | Cure | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percent of people | |
| Disaggregate by | | |
| | | |

| | Indicator name | PEDS_MDR_NOTIF: MDR-TB notifications among children and adolescents (0-14 years) |
|-------|----------------|---|
| Note: | | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |
| | | |

| | Indicator name | PEDS_TX_DR_ENROLL: Number of children and adolescents aged 0-14 years enrolled on DR-TB treatment [Previously CH-21] | |
|------------|----------------|---|---------------------|
| Definition | | Number of children and adolescents aged 0-14 years with DR-TB (all forms) who were enrolled on treatment for DR-TB during the reporting period. | |
| Numerator | | Number of children and adolescents aged 0-14 years who were enrolled on treatment for DR-TB during the reporting period. | PBMEF data element: |
| D | Denominator | N/A | N/A |
| Category | | Cure | |

| Indicator type | Output |
|---|------------------|
| PBMEF level Extended | |
| Unit of measure | Number of people |
| Disaggregate by Treatment regimen This indicator could be reported as a disaggregate of TX_DR_ENROLL. | |

| | Indicator name | PEDS_DR_TSR: Childhood DR-TB treatment success rate [Previously CH-22] | |
|----------------------|--|---|---------------------------------|
| Definition | | Percentage of children and adolescents aged 0-14 years with DR-TB who were successfully treated (cured or treatment completed) among all children and adolescents aged 0-14 years who initiated DR-TB treatment during the same reporting period. | |
| Numerator | | Number of children and adolescents aged 0-14 years with DR-TB (all forms) who were successfully treated (cured or treatment completed) during the reporting period. PBMEF data element: PEDS_DR_SUCC | |
| Denominator | | Number of children and adolescents aged 0-14 years who initiated treatment for DR-TB during the same reporting period (treatment cohort). | PBMEF data element: PEDS_DR_COH |
| С | ategory | Cure | |
| In | dicator type | Outcome | |
| PBMEF level Extended | | | |
| Unit of measure | | Percent of people | |
| D | Disaggregate by This indicator could be reported as a disaggregate of DR_TSR. | | egate of DR_TSR. |

| | Indicator name | PCT_PEDS_DR_DIED: Treatment outcome for childhood DR-TB (ages 0-14): Died [Previously CH-23] |
|------------|----------------|--|
| Definition | | Percentage of children and adolescents aged 0-14 years who died while on DR-TB treatment, among all children and adolescents aged 0-14 years who initiated DR-TB treatment during the same reporting period. |

| Numerator | Number of children and adolescents aged 0-14 years with DR-TB (all forms) who died while on DR-TB treatment during the reporting period. | PBMEF data element: PEDS_DR_DIED |
|--|--|----------------------------------|
| Denominator Number of children and adolescents aged 0-14 years who initiated treatment for DR-TB during the same reporting period (treatment cohort). | | PBMEF data element: PEDS_DR_COH |
| Category | egory Cure | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percent of people | |
| Disaggregate by | This indicator could be reported as a disaggregate of PCT_PEDS_DIED. | |

| | Indicator name | PCT_PEDS_DR_FAIL: Treatment outcome for childhood DR-TB (ages 0-14): Failed [Previously CH-24] | |
|----------------------|-------------------|--|-------------------------------------|
| Definition | | Percentage of children and adolescents aged 0-14 years who were lost to follow up (LTFU), among all children and adolescents aged 0-14 years who initiated DR-TB treatment during the same reporting period. | |
| Numerator | | Number of children and adolescents aged 0-14 years with DR-TB (all forms) whose DR-TB treatment failed during the reporting period. | PBMEF data element: PEDS_DR_FAIL |
| Denominator | | Number of children and adolescents aged 0-14 years who initiated treatment for DR-TB during the same reporting period (treatment cohort). | PBMEF data element: PEDS_DR_COH |
| Category Cure | | Cure | |
| Indicator type | | Outcome | |

| PBMEF level | Extended |
|--|-------------------|
| Unit of measure | Percent of people |
| Disaggregate by This indicator could be reported as a disaggregate of PCT_PEDS_FAIL. | |

| Indicator name | PCT_PEDS_DR_LTFU: Treatment outcome for childhood DR-TB (ages 0-14): LTFU [Previously CH-25] | |
|---|--|----------------------------------|
| Definition | Percentage of children and adolescents aged 0-14 years who were lost to follow up (LTFU), among all children and adolescents aged 0-14 years who initiated DR-TB treatment during the same reporting period. | |
| Numerator | Number of children and adolescents aged 0-14 years with DR-TB (all forms) who were lost to follow up during the reporting period. | PBMEF data element: PEDS_DR_LTFU |
| Denominator | Number of children and adolescents aged 0-14 years who initiated treatment for DR-TB during the same reporting period (treatment cohort). | PBMEF data element: PEDS_DR_COH |
| Category | Cure | |
| Indicator type | oe Outcome | |
| PBMEF level | Extended | |
| Unit of measure Percent of people | | |
| Disaggregate by This indicator could be reported as a disaggregate of PCT_PEDS_LTFU. | | egate of PCT_PEDS_LTFU. |

| | Indicator name | PCT_PEDS_DR_NE: Treatment outcome for childhood DR-TB (ages 0-14): Not evaluated [Previously CH-26] | |
|------------|----------------|--|--------------------------------|
| Definition | | Percentage of children and adolescents aged 0-14 years whose DR-TB treatment outcome was not evaluated, among all children and adolescents aged 0-14 years who initiated DR-TB treatment during the same reporting period. | |
| Numerator | | Number of children and adolescents aged 0-14 years with DR-TB (all forms) whose treatment outcome was not evaluated during the reporting period. | PBMEF data element: PEDS_DR_NE |

| Denominator | Number of children and adolescents aged 0-14 years who initiated treatment for DR-TB during the same reporting period (treatment cohort). | PBMEF data element: PEDS_DR_COH |
|-----------------|---|---------------------------------|
| Category | Cure | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percent of people | |
| Disaggregate by | This indicator could be reported as a disaggregate of PCT_PEDS_NE. | |

| Indicator name | DS_PEDS_FORMULATIONS: Use of child-friendly formulations for DS-TB treatment (Yes/No) [Previously CH-27] | |
|-----------------------|--|---|
| Definition | Does national policy include a provision to procure and supply child-friendly formulations for DS-TB treatment (Yes/No)? | |
| | | PBMEF data element: DSTB_PEDS_FORMULATIONS |
| Denominator | N/A | N/A |
| Category | Cure | |
| Indicator type Output | | |
| PBMEF level | Extended | |

| Unit of measure | Boolean (Yes/No) |
|-----------------|------------------|
| Disaggregate by | |

| Indicator name | DR_PEDS_FORMULATIONS: Use of child-friendly formulations for DR-TB treatment (Yes/No) [Previously CH-28] | | |
|-----------------|--|---|--|
| Definition | Does national policy include a provision to procure and supply child-friendly formulations for DR-TB treatment (Yes/No)? | | |
| Numerator | Does the national policy include a provision to procure and supply child-friendly formulations for DR-TB treatment (Yes/No)? | PBMEF data element: DR_PEDS_FORMULATIONS | |
| Denominator | N/A | N/A | |
| Category | Cure | | |
| Indicator type | Output | | |
| PBMEF level | Extended | | |
| Unit of measure | Boolean (Yes/No) | | |
| Disaggregate by | | | |

| Indicator name | STKOUT_PEDS: Stockouts of child-friendly fo treatment [Previously SN-48] | ormulations for TB | |
|----------------|--|------------------------------------|--|
| Definition | Occurrence of a stockout of one or more child-friendly formulations for TB treatment at any TB diagnostic site (e.g., Basic Management Unit) or drug storage facility at the end of reporting period (quarter/year). World Health Organization (WHO) defines a stockout as the complete absence of a required drug at a storage point or delivery point for at least one day. | | |
| Numerator | This is a Yes/No response for the initial part of the indicator Only if yes, then the following detailed data should be provided: 1) Generic names of TB treatment drugs 2) Geographic locations | PBMEF data element: STKOUT_PEDS | |

| | Treatment site/drug storage facility Central/regional/district level | |
|-----------------|--|-----|
| Denominator | N/A | N/A |
| Category | Sustain—Procurement and Supply Chain Management | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Boolean (Yes/No) | |
| Disaggregate by | | |