

## 20 TX\_TB\_PREV

### 20.1 TX\_TB\_PREV: TX\_TB (D)

**TX\_TB (D):** Number of ART patients who were screened for TB at least once during the semiannual reporting period.

Note: Targets set across this tab are set at Coarse Age Bands, aggregating incoming data from any finer age bands to <15 or 15+.

	F	G	H	I
Column Name				
UID	TX_CURR.T_1	TX_NEW.T	TX_TB.D.Already.Cov	TX_TB.D.New.Cov
Column Type?	reference	reference	assumption	assumption
What type of data?	integer	integer	percentage	percentage
Prepopulated data?	N	N	N	N
Enter or modify data?	N	N	Y	Y
Calculated column?	Y	Y	Y	Y
Linked column?	Y	Y	Y	Y

	J	K	L	M
Column Name				
UID	TX_TB.D.Already.Yield	TX_TB.D.New.Yield	TX_TB.D.Already.Pos. T	TX_TB.D.Already.Neg. T
Column Type?	calculation	calculation	target	target
What type of data?	percentage	percentage	integer	integer
Prepopulated data?	N	N	N	N

	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>
Enter or modify data?	N	N	N	N
Calculated column?	N	N	Y	Y
Linked column?	Y	Y	Y	Y

	<b>N</b>	<b>O</b>
Column Name		
UID	TX_TB.D.New.Pos.T	TX_TB.D.New.Neg.T
Column Type?	target	target
What type of data?	integer	integer
Prepopulated data?	N	N
Enter or modify data?	N	N
Calculated column?	Y	Y
Linked column?	Y	Y

## 20.1.1 DATIM Import

The following data points will be imported into DATIM from this section:

- **New on ART, TB Screen + (FY25)** *TX\_TB. D. New. Pos. T*
- **New on ART, TB Screen – (FY25)** *TX\_TB. D. New. Neg. T*
- **Already on ART, TB Screen + (FY25)** *TX\_TB. D. Already. Pos. T*
- **Already on ART, TB Screen – (FY25)** *TX\_TB. D. Already. Neg. T*

## 20.1.2 Instructions

1. Review Targeted coverage rates of TB testing both for those New on ART as well as for those Already on ART. These will both come pre-populated at 100% coverage, though can be adjusted as needed. Red highlights indicate percentages over 100%, or under 0%, or may also indicate where values have been left blank but are necessary for further steps; yellow highlights indicate percentages less than 100%.

2. Review and adjust Estimated TB Screen Positivity Rates, both for those New on ART as well as for those Already on ART. These will both come prepopulated based on FY23 Results in DATIM. Red highlights indicate percentages over 100%, or under 0%, or may also indicate where values have been left blank but are necessary for further steps.
3. For historical context, review FY25 Targets for TX\_NEW and TX\_CURR. Follow hyperlinks to see and adjust source data as needed.
4. Review modeled targets for the following columns. See below for additional information.
  - a. New on ART, TB Screen +
  - b. New on ART, TB Screen –
  - c. Already on ART, TB Screen +
  - d. Already on ART, TB Screen –

### 20.1.3 TX\_TB (D) Disaggregates (FY25)

The Target Setting Tool will set FY25 targets for TX\_TB (D) as laid out below.

Targets will be set for those New on ART and screened positive for TB as follows, rounded to the nearest integer:

$$TX\_TB.D.New.Pos_t = TX\_NEW_t \times Targeted\ Coverage : New\ on\ ART_t \times TB\ Screen\ Positivity\ Rate : New\ on\ ART_t$$

FY25 targets for those Already on ART, but found negative for TB will be set as follows, rounded to the nearest integer:

$$TX\_TB.D.New.Neg_t = (TX\_NEW_t \times Targeted\ Coverage : New\ on\ ART_t) - TX\_TB.D.New.Pos_t$$

Similarly, targets for those Already on ART and screened positive for TB will be set as follows, rounded to the nearest integer:

$$TX\_TB.D.Already.Pos_t = TX\_CURR_t \times Targeted\ Coverage : Already\ on\ ART_t \times TB\ Screen\ Positivity\ Rate : Already\ on\ ART_t$$

And finally, targets for those Already on ART and screened negative for TB will be set as below, rounding to the nearest integer:

$$TX\_TB.D.Already.Neg_t = (TX\_CURR_t \times Targeted\ Coverage : Already\ on\ ART_t) - TX\_TB.D.Already.Pos_t$$

## TX\_TB\_PREV: TB\_PREV (D)

**TB\_PREV (D):** Number of ART patients who are expected to complete a course of TB preventive therapy during the reporting period (for programs using continuous IPT, this includes only the patients who are scheduled to complete the first 6 months of therapy).

	P	Q	R	S
Column Name				
UID	TB_PREV.N.R	TB_PREV.N.Already.T_1	TB_PREV.N.New.T_1	TX_TB.D.Already.Ineligible.T_1
Column Type?	calculation	past	past	assumption
What type of data?	integer	integer	integer	integer
Prepopulated data?	N	Y	Y	N
Enter or modify data?	N	?	?	N
Calculated column?	N	N	N	Y
Linked column?	Y	Y	Y	Y

	T	U	V	W
Column Name				
UID	TX_TB.D.Already.Elitable.T	TX_TB.D.Already.Neg.Linkage	TX_TB.D.New.Neg.Linkage	TB_PREV.D.Already.T
Column Type?	assumption	assumption	assumption	target
What type of data?	percentage	percentage	percentage	integer
Prepopulated data?	N	N	N	N
Enter or modify data?	N	N	N	N
Calculated column?	Y	Y	Y	Y
Linked column?	Y	Y	Y	Y

**X**

Column Name	
UID	TB_PREV.D.New.T
Column Type?	target
What type of data?	integer
Prepopulated data?	N
Enter or modify data?	N
Calculated column?	Y
Linked column?	Y

## 20.1.4 DATIM Import

The following data points will be imported into DATIM from this section:

- **TB\_PREV (D): New on ART (FY25)** *TB\_PREV. D. New. T*
- **TB\_PREV (D): Already on ART (FY25)** *TB\_PREV. D. Already. T*

## 20.1.5 Instructions

1. Review “Cumulative Previous Completion of TPT (Results FY17-22)” as well as “TB\_PREV (N) - New on ART (FY24 Targets)” and “TB\_PREV (N) - Already on ART (FY24 Targets)”. These three columns will help calculate “Already on ART who have likely completed TPT in last 5 years (FY25) (%)”.
2. Review “Already on ART who have likely completed TPT in last 5 years (FY25) (%)” which is the summation of the previous three columns from step 1 above, divided by the “TX\_CURR (FY24)” value from column G of the TX\_TB (D) section.
3. Review “Est. # Already on ART Eligible for TPT (FY25)” which is equivalent to “Already on ART, TB Screen -” set in the TX\_TB (D) section, less the projected number of these who have likely already received TPT in the previous few years.
4. Review both “% TPT Initiation Rate - New on ART (FY25) (%)” and “% TPT Initiation Rate - Already on ART (FY25) (%)” which are defaulted to 100%. “% TPT Initiation Rate - New on ART (FY25) (%)” will flag yellow if it is less than 100% while “% TPT Initiation Rate - Already

on ART (FY25) (%)” will flag if it is set less than 90%.

- Review modeled targets for TB\_PREV (D) New on ART — set by multiplying “New on ART, TB Screen -” and “% TPT Initiation Rate - New on ART (FY25) (%)” — and TB\_PREV (D) Already on ART — set by multiplying “Est. # Already on ART Eligible for TPT (FY25)” by “% TPT Initiation Rate - Already on ART (FY25) (%)”

## 20.2 TX\_TB\_PREV: TB\_PREV (N)

**TB\_PREV (N):** Number of ART patients who completed a course of TB preventive therapy during the reporting period (for continuous IPT programs, this includes the patients who have completed the first 6 months of isoniazid preventive therapy (IPT)).

	Y	Z	AA	AB
Column Name				
UID	TB_PREV.N.Rt.T	TB_PREV.N.Already.T	TB_PREV.N.New.T	TB_PREV.N.Already.Growth.T
Column Type?	assumption	target	target	reference
What type of data?	percentage	integer	integer	percentage
Prepopulated data?	N	N	N	N
Enter or modify data?	N	N	N	N
Calculated column?	Y	Y	Y	Y
Linked column?	Y	Y	Y	Y

### AC

Column Name	
UID	TB_PREV.N.New.Growth. T
Column Type?	reference
What type of data?	percentage
Prepopulated data?	N
Enter or modify data?	N
Calculated column?	Y
Linked column?	Y

## 20.2.1 DATIM Import

The following data points will be imported into DATIM from this section:

- **TB\_PREV (N): New on ART (FY25)** *TB\_PREV. N. New. T*
- **TB\_PREV (N): Already on ART (FY25)** *TB\_PREV. N. Already. T*

## 20.2.2 Instructions

1. For historical context, review FY24 targets from DATIM for TB\_PREV

N. for those New on ART and those Already on ART.

2. Review Targeted TPT completion rates, which will default to 90%, but can be adjusted as needed, taking into account persons who (1) are already on TB preventative therapy (2) will likely screen negative

3. will be medically ineligible for TPT (4) will be on TPT by the end of COP19. Note that data in this column will NOT be imported into DATIM. Red highlights indicate percentages over 100% or less than 0%; yellow highlights indicate percentages less than 90%.

3. Review modeled targets for TB\_PREV (N) New on ART and Already on ART, set by multiplying TB\_PREV (D) New on ART and TB\_PREV (D) Already on ART, respectively, by the targeted TPT completion rates set in step 2. Return to step 2 or previous sections to adjust driving assumptions.
4. Review projected rates of change between FY24 targets and planned FY25 targets to identify cases where rates of change indicate significant departures from historic trends.

