# TB/HIV PBMEF Indicators

Note on TB/HIV indicators: For activities supported by PEPFAR, PEPFAR indicators should be used as written in the Monitoring, Evaluation, and Reporting (MER) Indicator Reference Guide and reported through appropriate PEPFAR channels. These indicators are offered in the PBMEF as a recommended way to analyze these data points and for use outside of PEPFAR programming. To avoid confusion, the PBMEF describes PEPFAR indicator equivalencies where they exist and adopts PEPFAR naming conventions rather than the PBMEF conventions.

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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 | **PCT_TX_CURR_SCRN: Percentage of PLHIV on ART screened for TB disease** <br> *Previously [TH-1]* |
|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on antiretroviral therapy (ART) who were screened at least once for TB, among all PLHIV enrolled on ART during the same reporting period. <br><br> Note: This indicator is equivalent to the PEPFAR indicators *TX_TB denominator /* |

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|---|---|
| | *TX_CURR*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |
| **Numerator** | Number of PLHIV enrolled on ART who were screened at least once for TB during the reporting period | *PBMEF data element: TX_TB_D\** <br> *\*Note this is a PEPFAR indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART during the reporting period | *PBMEF data element: TX_CURR\** <br> *\*Note this is a PEPFAR indicator.* |
| **Category** | Reach | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percent of people | |
| **Disaggregate by** | Age, sex, screening type (mWRD, chest X-ray, CRP, LF-LAM, symptom screen alone), HIV treatment status (new vs previously enrolled on treatment for 6mo or longer) | |

| Indicator name | TX_TB_D_MWRD: Number of PLHIV screened for TB with mWRD |
|---|---|
| **Definition** | Number of PLHIV screened for TB with molecular WHO-recommended rapid diagnostic (mWRD). <br><br> Note: This indicator is equivalent to the mWRD disaggregate for screening type in the denominator of the PEPFAR indicator *TX_TB*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |
| **Numerator** | Number of PLHIV screened for TB with mWRD | *PBMEF data element: TX_TB_D_mWRD or TX_TB_D disaggregate\** <br> *\*Note this is a PEPFAR indicator disaggregate.* |
| **Denominator** | N/A | N/A |
| **Category** | Prevent | |
| **Indicator type** | Output | |
| **PBMEF level** | Extended | |

| Unit of measure | Number of people |
|---|---|
| Disaggregate by | This indicator could be recorded as a disaggregate of TX_TB_D. |

| Indicator name | TX_TB_D_CXR: Number of PLHIV screened for TB with chest X-ray | |
|---|---|---|
| Definition | Number of people living with HIV (PLHIV) screened for TB with chest X-ray.<br><br>Note: This indicator is equivalent to the CXR disaggregate for screening type in the denominator of the PEPFAR indicator *TX_TB*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| Numerator | Number of PLHIV screened for TB with chest X-ray | *PBMEF data element: TX_TB_D_CXR or TX_TB_D disaggregate\**<br><br>*\*Note this is a PEPFAR indicator disaggregate.* |
| Denominator | N/A | N/A |
| Category | Prevent | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |
| Disaggregate by | This indicator could be recorded as a disaggregate of TX_TB_D. | |

| Indicator name | TX_TB_D_LAM: Number of PLHIV screened for TB with LF-LAM |
|---|---|
| Definition | Number of people living with HIV (PLHIV) screened for TB with LF-LAM<br><br>LF-LAM is included as a recommended TB test for people living with HIV (PLHIV). LF-LAM is not recommended to confirm TB in all populations and notably should not be used in outpatient settings for adults, adolescents, and children without symptoms of TB or in those with a CD4 count > 200 cells/mm3. At the time of this publication, Alere Determine™ TB LAM Ag is the only commercially available LF- LAM test. Full guidance on the use of LF-LAM can be found at:www.who.int/publications/i/item/ 9789241550604. |

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|---|---|
| | Note: This indicator could be a disaggregate for the denominator of the PEPFAR indicator *TX_TB,* however PEPFAR does not include an option for LF-LAM reporting. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |

| Numerator | Number of PLHIV screened for TB with LF-LAM | *PBMEF data element: TX_TB_D_LAM or TX_TB_D disaggregate* <br> *Note this disaggregate is not included in the PEPFAR indicator.* |
|---|---|---|
| Denominator | N/A | N/A |
| Category | Prevent | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |
| Disaggregate by | This indicator could be recorded as a disaggregate of TX_TB_D. | |


| Indicator name | TX_TB_D_CRP: Number of PLHIV screened for TB with CRP |
|---|---|
| Definition | Number of people living with HIV (PLHIV) screened for TB with C-reactive protein (CRP). <br><br> Note: This indicator could be a disaggregate for the denominator of the PEPFAR indicator *TX_TB,* however PEPFAR does not include an option for CRP reporting. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |

| Numerator | Number of PLHIV screened for TB with CRP | *PBMEF data element: TX_TB_D_CRP or TX_TB_D disaggregate* <br> *Note this disaggregate is not included in the PEPFAR indicator.* |
|---|---|---|
| Denominator | N/A | N/A |
| Category | Prevent | |
| Indicator type | Output | |
| PBMEF level | Extended | |

| Unit of measure | Number of people |
|---|---|
| Disaggregate by | This indicator could be recorded as a disaggregate of TX_TB_D. |

| Indicator name | PCT_TX_TB_SCRN_POS: Percentage of PLHIV on ART, screened positive for TB *Previously [TH-2]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who were screened positive for TB, among all PLHIV enrolled on ART who were screened for TB during the same reporting period.<br><br>Note: This indicator is equivalent to the PEPFAR indicators *TX_TB denominator screen positive (TX_TB POS) / TX_TB denominator*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who screened positive for TB during the reporting period | *PBMEF data element: TX_TB_SCRN_POS\** <br> *\*Note this is a PEPFAR indicator disaggregate.* |
| **Denominator** | Number of PLHIV enrolled on ART who screened at least once for TB during the reporting period | *PBMEF data element: TX_TB_D\** <br> *\*Note this is a PEPFAR indicator.* |
| **Category** | Reach | |
| **Indicator type** | Outcome | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percent of people | |
| **Disaggregate by** | Age, sex, screening type (mWRD, chest X-ray, symptom screen alone), HIV treatment status (new vs previously enrolled on treatment for 6mo or longer) | |

| Indicator name | TX_TB_SCRN_POS_MWRD: Number of PLHIV screened TB positive with mWRD |
|---|---|
| **Definition** | Number of people living with HIV (PLHIV) screened positive for TB with molecular WHO-recommended rapid diagnostic  (mWRD).<br><br>Note: This indicator could be a further disaggregation for the screen positive disaggregate in the PEPFAR indicator *TX_TB,* however PEPFAR does not collect this data. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR |

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| | programming. |

| Numerator | Number of PLHIV screened positive for TB with mWRD | *PBMEF data element: TX_TB_SCRN_POS_MWRD or TX_TB_SCRN_POS disaggregate\** <br><br> *\*Note this disaggregate is not included in the PEPFAR indicator.* |
|---|---|---|
| Denominator | N/A | N/A |
| Category | Prevent | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |
| Disaggregate by | This indicator could be reported as a disaggregate of TX_TB_SCRN_POS. | |

| Indicator name | TX_TB_SCRN_POS_CXR: Number of PLHIV screened TB positive with chest X-ray |
|---|---|
| Definition | Number of people living with HIV (PLHIV) screened positive for TB with chest X-ray. <br><br> Note: This indicator could be a further disaggregation for the screen positive disaggregate in the PEPFAR indicator *TX_TB,* however PEPFAR does not collect this data. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |

| Numerator | Number of PLHIV screened positive for TB with chest X-ray | *PBMEF data element: TX_TB_SCRN_POS_CXR or TX_TB_SCRN_POS disaggregate\** <br><br> *\*Note this disaggregate is not included in the PEPFAR indicator.* |
|---|---|---|
| Denominator | N/A | N/A |
| Category | Prevent | |
| Indicator type | Output | |
| PBMEF level | Extended | |
| Unit of measure | Number of people | |

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|---|---|
| **Disaggregate by** | This indicator could be reported as a disaggregate of TX_TB_SCRN_POS. |

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|---|---|
| **Indicator name** | **TX_TB_SCRN_POS_LAM: Number of PLHIV screened TB positive with LF-LAM** |
| **Definition** | Number of people living with HIV (PLHIV) screened positive for TB with LF-LAM<br><br>LF-LAM is included as a recommended TB test for people living with HIV (PLHIV). LF- LAM is not recommended to confirm TB in all populations and notably should not be used in outpatient settings for adults, adolescents, and children without symptoms of TB or in those with a CD4 count > 200 cells/mm3. At the time of this publication, Alere Determine™ TB LAM Ag is the only commercially available LF- LAM test. Full guidance on the use of LF-LAM can be found at:www.who.int/publications/i/item/ 9789241550604.<br><br>Note: This indicator could be a further disaggregation for the screen positive disaggregate in the PEPFAR indicator *TX_TB,* however PEPFAR does not collect this data. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |

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|---|---|---|
| **Numerator** | Number of PLHIV screened positive for TB with LF-LAM | *PBMEF data element: TX_TB_SCRN_POS_LAM or TX_TB_SCRN_POS disaggregate\**<br><br>*\*Note this disaggregate is not included in the PEPFAR indicator.* |
| **Denominator** | N/A | N/A |
| **Category** | Prevent | |
| **Indicator type** | Output | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Number of people | |
| **Disaggregate by** | This indicator could be reported as a disaggregate of TX_TB_SCRN_POS. | |

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|---|---|
| **Indicator name** | **TX_TB_SCRN_POS_CRP: Number of PLHIV screened positive for TB with CRP** |
| **Definition** | Number of people living with HIV (PLHIV) screened positive for TB with C-reactive protein (CRP).<br><br>Note: This indicator could be a further disaggregation for the screen positive disaggregate in the PEPFAR indicator *TX_TB,* however PEPFAR does not collect this data. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive |

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|---|---|---|
| | PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV screened positive for TB with CRP | *PBMEF data element: TX_TB_SCRN_POS_CRP or TX_TB_SCRN_POS disaggregate\** <br> *\*Note this disaggregate is not included in the PEPFAR indicator.* |
| **Denominator** | N/A | N/A |
| **Category** | Prevent | |
| **Indicator type** | Output | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Number of people | |
| **Disaggregate by** | This indicator could be reported as a disaggregate of TX_TB_SCRN_POS. | |

| Indicator name | PCT_TX_TB_TST: Percentage of PLHIV on ART with a specimen sent <br> *Previously [TH-3]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who had a specimen sent for bacteriologic diagnosis of active TB disease, among PLHIV enrolled on ART who screened positive for TB during the reporting period. <br><br> Note: This indicator is equivalent to the PEPFAR indicators *TX_TB denominator specimen sent / TX_TB denominator screen positive*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who had a specimen sent for diagnosis of active TB disease during the reporting period | *PBMEF data element: TX_TB_TST\** <br> *\*Note this is a PEPFAR indicator disaggregate.* |
| **Denominator** | Number of PLHIV enrolled on ART who screened positive for TB during the reporting period | *PBMEF data element: TX_TB_SCRN_POS\** <br> *\*Note this is a PEPFAR indicator disaggregate.* |
| **Category** | Reach | |
| **Indicator type** | Outcome; calculated | |

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

| Indicator name | **PCT_TX_TB_TST_POS: Percentage of PLHIV on ART with a positive TB result returned**<br>*Previously [TH-4]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who had a positive result returned for bacteriologic diagnosis of active TB disease, among PLHIV enrolled on ART who had a specimen sent for TB diagnosis during the reporting period.<br><br>Note: This indicator is equivalent to the PEPFAR indicators *TX_TB denominator positive result returned / TX_TB denominator specimen sent*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who had a positive result returned for diagnosis of active TB disease during the reporting period | *PBMEF data element: TX_TB_TST_POS\**<br>*\*Note this is a PEPFAR indicator disaggregate.* |
| **Denominator** | Number of PLHIV enrolled on ART who had a specimen sent for diagnosis of active TB disease during the reporting period | *PBMEF data element: TX_TB_TST\**<br>*\*Note this is a PEPFAR indicator disaggregate.* |
| **Category** | Reach | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percent of people | |
| **Disaggregate by** | DS-TB vs DR-TB | |

| Indicator name | **PCT_TX_DRTB_TST_POS: Percentage of PLHIV on ART with a positive DR-TB result returned** |
|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who had a positive result |

| | returned for bacteriologic diagnosis of active DR-TB disease, among PLHIV enrolled on ART who had a specimen sent for TB diagnosis during the reporting period.<br><br>Note: This indicator is a disaggregate of PEPFAR's TX_TB disaggregate for positive results returned, but is not included in PEPFAR reporting. | |
|---|---|---|
| **Numerator** | Number of PLHIV enrolled on ART who had a positive result returned for diagnosis of active DR-TB disease during the reporting period | *PBMEF data element: TX_DRTB_TST_POS\**<br><br>*\*Note this disaggregate of TX_TB_D is not included in PEPFAR's indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART who had a specimen sent for diagnosis of active TB disease during the reporting period | *PBMEF data element: TX_TB_TST\**<br>*\*Note this is a PEPFAR indicator disaggregate.* |
| **Category** | Reach | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percent of people | |
| **Disaggregate by** | This indicator is a disaggregate of PCT_TX_TB_TST_POS. | |

| **Indicator name** | **PCT_TX_TB: Percentage of PLHIV who enrolled on TB treatment**<br>***Previously [TH-5]*** | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who were enrolled on TB treatment, among PLHIV who had a positive result returned for diagnosis of active TB disease during the reporting period.<br><br>Note: This indicator is equivalent to the PEPFAR indicator *TX_TB*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who were enrolled on TB treatment, during the reporting period | *PBMEF data element: TX_TB_N\**<br>*\*Note this is a PEPFAR indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART who had a positive result returned for diagnosis of active TB disease during the reporting period | *PBMEF data element: TX_TB_TST_POS\**<br>*\*Note this is a PEPFAR indicator.* |
| **Category** | Cure | |
| **Indicator type** | Outcome; calculated | |

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

| Indicator name | PCT_TX_DRTB: Percentage of PLHIV who enrolled on DR-TB treatment<br>*Previously [TH-17]* | |
|---|---|---|
| **Definition** | Percentage of PLHIV enrolled on ART who were enrolled on DR-TB treatment, among PLHIV who had a positive result returned for diagnosis of active DR-TB disease during the reporting period. | |
| **Numerator** | Number of PLHIV enrolled on ART who were enrolled on DR-TB treatment, during the reporting period | *PBMEF data element: TX_DRTB_N\**<br><br>*\*Note this disaggregate of TX_TB_N is not included in PEPFAR's indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART who had a positive result returned for diagnosis of active DR-TB disease during the reporting period | *PBMEF data element: TX_DRTB_TST_POS\**<br><br>*\*Note this disaggregate of TX_TB_D is not included in PEPFAR's indicator.* |
| **Category** | Cure | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percent of people | |
| **Disaggregate by** | This indicator could be recorded as a disaggregate of PCT_TX_TB. | |

| Indicator name | PCT_TBHIV_OUT: TB/HIV coinfected treatment outcomes | |
|---|---|---|
| **Definition** | Percentage TB/HIV coinfected people with a new episode of TB (new, recurrent[1]) who died during treatment, among people coinfected with TB/HIV (all forms, new and recurrent) on treatment during the same reporting period. | |
| **Numerator** | Number of TB/HIV coinfected people (all forms) with a new episode of TB (new, recurrent) who had a recorded treatment outcome, during the reporting period; this should be disaggregated by the following | *PBMEF data element: TBHIV_SUCC*<br>*WHO database:  tbhiv_succ*<br>*PBMEF data element: TBHIV_DIED*<br>*WHO database: tbhiv_died* |

| | outcomes: treatment success, died, LTFU, not evaluated | *PBMEF data element: TBHIV_FAIL*<br>*WHO indicator: tbhiv_fail*<br>*PBMEF data element: TBHIV_LOST*<br>*WHO database: tbhiv_lost*<br>*PBMEF data element: TBHIV_NA* |
|---|---|---|
| **Denominator** | Number of TB/HIV coinfected people with a new episode of TB (new, recurrent) (all forms) on treatment during the reporting period (cohort size) | *PBMEF data element: TBHIV_COH*<br>*WHO indicator: tbhiv_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_PLHIV_OUT or as a disaggregate of TX_DS_OUT. | |

[1] Previously "relapse"

| Indicator name | **TBHIV_TSR: Treatment success rate among PLHIV** |
|---|---|
| **Note:** | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |

| Indicator name | **PCT_TBHIV_DIED: TB/HIV coinfected treatment outcome: Died during treatment**<br>*Previously [TH-20]* |
|---|---|
| **Definition** | Percentage TB/HIV coinfected people with a new episode of TB (new, recurrent[1]) who died during treatment, among people coinfected with TB/HIV (all forms, new and recurrent) on treatment during the same reporting period. |
| **Numerator** | Number of TB/HIV coinfected people (all forms) with a new episode of TB (new, recurrent) who died during treatment, during the reporting period | *PBMEF data element: TBHIV_DIED*<br>*WHO database: tbhiv_died* |
| **Denominator** | Number of TB/HIV coinfected people with a new episode of TB (new, recurrent) (all forms) on treatment during the reporting | *PBMEF data element: TBHIV_COH*<br>*WHO indicator: tbhiv_coh* |

| | period (cohort size) | |
|---|---|---|
| **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_PLHIV_OUT or as a disaggregate of TX_DS_OUT. | |

[1] Previously "relapse"

| **Indicator name** | **PCT_TBHIV_FAIL: TB/HIV coinfected treatment outcome: Treatment failed** *Previously [TH-21]* | |
|---|---|---|
| **Definition** | Percentage TB/HIV coinfected people with a new episode of TB (new, recurrent[1]) whose treatment failed, among people coinfected with TB/HIV (all forms, new and recurrent) on treatment during the same reporting period. | |
| **Numerator** | Number of TB/HIV coinfected people (all forms) with a new episode of TB (new, recurrent) whose treatment failed, during treatment, during the reporting period | *PBMEF data element: TBHIV_FAIL* <br> *WHO indicator: tbhiv_fail* |
| **Denominator** | Number of TB/HIV coinfected people with a new episode of TB (new, recurrent) (all forms) on treatment during the reporting period (cohort size) | *PBMEF data element: TBHIV_COH* <br> *WHO indicator: tbhiv_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_PLHIV_OUT or as a disaggregate of TX_DS_OUT. | |

[1] Previously "relapse"

| Indicator name | **PCT_TBHIV_LTFU: TB/HIV coinfected treatment outcome: LTFU** *Previously [TH-22]* | |
|---|---|---|
| **Definition** | Percentage TB/HIV coinfected people with a new episode of TB (new, recurrent[1]) who were LTFU, among people coinfected with TB/HIV (all forms, new and recurrent) on treatment during the same reporting period. | |
| **Numerator** | Number of TB/HIV coinfected people (all forms) with a new episode of TB (new, recurrent) who were LTFU, during treatment, during the reporting period | *PBMEF data element: TBHIV_LOST* *WHO database: tbhiv_lost* |
| **Denominator** | Number of TB/HIV coinfected people with a new episode of TB (new, recurrent) (all forms) on treatment during the reporting period (cohort size) | *PBMEF data element: TBHIV_COH* *WHO indicator: tbhiv_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_PLHIV_OUT or as a disaggregate of TX_DS_OUT. | |

[1] Previously "relapse"

| Indicator name | **PCT_TBHIV_NE: TB/HIV coinfected treatment outcome: Not evaluated** *Previously [TH-23]* | |
|---|---|---|
| **Definition** | Percentage TB/HIV coinfected people with a new episode of TB (new, recurrent[1]) who were not evaluated, among people coinfected with TB/HIV (all forms, new and recurrent) on treatment during the same reporting period. | |
| **Numerator** | Number of TB/HIV coinfected people (all forms) with a new episode of TB (new, recurrent) who were not evaluated, during treatment, during the reporting period | *PBMEF data element: TBHIV_NE* |
| **Denominator** | Number of TB/HIV coinfected people with a new episode of TB (new, recurrent) (all forms) on treatment during the reporting period (cohort size) | *PBMEF data element: TBHIV_COH* *WHO indicator: tbhiv_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_PLHIV_OUT or as a disaggregate of TX_DS_OUT. |

[1]Previously "relapse"

| Indicator name | DRTBHIV_TSR: DR-TB/HIV coinfection treatment success rate<br>*Previously [TH-24]* |
|---|---|
| **Definition** | Percentage of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period and had a successful outcome (cured or treatment completed). |
| **Numerator** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, and had a successful outcome (cured or treatment completed). | *PBMEF data element: DRTBHIV_SUCC* |
| **Denominator** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period | *PBMEF data element: DRTBHIV_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 PLHIV_TSR or DR_TSR. |

| Indicator name | PCT_DRTBHIV_DIED: DR-TB/HIV coinfection treatment outcome: Died during treatment<br>*Previously [TH-24]* |
|---|---|

| Definition | Percentage of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period and died during treatment. | |
|---|---|---|
| Numerator | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, and died during treatment | *PBMEF data element: DRTBHIV_DIED* |
| Denominator | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period | *PBMEF data element: DRTBHIV_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_PLHIV_OUT, PCT_PLHIV_OUT_DIED, or TX_DR_OUT. | |

| Indicator name | PCT_DRTBHIV_FAIL: DR-TB/HIV coinfected treatment outcome: Treatment failed<br>*Previously [TH-25]* | |
|---|---|---|
| Definition | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, but treatment failed. | |
| Numerator | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, but treatment failed | *PBMEF data element: DRTBHIV_FAIL* |
| Denominator | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period | *PBMEF data element: DRTBHIV_COH* |
| Category | Cure | |
| Indicator type | Outcome | |
| PBMEF level | Extended | |
| Unit of measure | Percentage of people | |
| Disaggregate by | This indicator could be reported as a disaggregate of PCT_PLHIV_OUT, | |

| | PCT_PLHIV_OUT_FAIL, or TX_DR_OUT. |
|---|---|

| Indicator name | PCT_DRTBHIV_LTFU: DR-TB/HIV coinfected treatment outcome: LTFU *Previously [TH-26]* | |
|---|---|---|
| **Definition** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on appropriate treatment during a specified period, but were LTFU. | |
| **Numerator** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on appropriate treatment during the reporting period, but were LTFU | *PBMEF data element: DRTBHIV_LTFU* |
| **Denominator** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period | *PBMEF data element: DRTBHIV_COH* |
| **Category** | Cure | |
| **Indicator type** | Outcome | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | This indicator could be reported as a disaggregate of PCT_PLHIV_OUT, PCT_PLHIV_OUT_LTFU, or TX_DR_OUT. | |

| Indicator name | PCT_DRTBHIV_NE: DR-TB/HIV coinfected treatment outcome: Not evaluated *Previously [TH-27]* | |
|---|---|---|
| **Definition** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, but not evaluated (not evaluated includes "transferred out," "still on treatment," and any other notified case where the treatment outcome has not been evaluated). | |
| **Numerator** | Number of DR-TB/HIV coinfected people (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period, but not evaluated (not evaluated includes "transferred out," "still on treatment," and any other notified case where the treatment outcome has not been evaluated) | *PBMEF data element: DRTBHIV_NE* |
| **Denominator** | Number of DR-TB/HIV coinfected people | *PBMEF data element: DRTBHIV_COH* |

| | |
|---|---|
| | (RR/MDR and XDR) who were enrolled on DR-TB treatment during the reporting period |
| **Category** | Cure |
| **Indicator type** | Outcome |
| **PBMEF level** | Extended |
| **Unit of measure** | Percentage of people |
| **Disaggregate by** | This indicator could be reported as a disaggregate of PCT_PLHIV_OUT, PCT_PLHIV_OUT_NE, or TX_DR_OUT. |

| Indicator name | PCT_TX_TB_SCRN_NEG: Percentage of PLHIV on ART, screened negative for TB *Previously [TH-6]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who screened negative for TB disease, among all PLHIV enrolled on ART who were screened for TB during the same reporting period.<br><br>Note: This indicator is equivalent to the PEPFAR indicators *TX_TB denominator screen negative / TX_TB denominator*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who screened negative for TB disease during the reporting period | *PBMEF data element: TX_TB_SCRN_NEG\** <br><br> *\*Note this is a PEPFAR indicator disaggregate.* |
| **Denominator** | PLHIV enrolled on ART who were screened for TB disease during the reporting period | *PBMEF data element: TX_TB_D\** <br><br> *\*Note this is a PEPFAR indicator.* |
| **Category** | Reach | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | This indicator could be recorded as a disaggregate of TX_TB or TX_TB_SCRN. | |

| Indicator name | TB_PREV_D: Number of TPT initiations among PLHIV<br>*Previously [PT-8]* |
|---|---|
| **Note:** | No feedback requested on this indicator as it is an essential indicator and already has an associated PIRS. |

| Indicator name | PCT_TX_CURR_TPT: Percentage PLHIV enrolled on TPT<br>*Previously [PT-8]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who were started on TPT during the reporting period, among all PLHIV enrolled on ART.<br><br>Note: This indicator is equivalent to the PEPFAR indicators *TB_PREV D / TX_CURR*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of PLHIV enrolled on ART who were started on TPT during the reporting period | *PBMEF data element: TB_PREV_D\**<br>*WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt*<br>*\*Note: this is a PEPFAR indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART during the reporting period | *PBMEF data element: TX_CURR\**<br>*WHO indicator: hiv_reg_all, hiv_reg_new2*<br>*\*Note: this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, TPT regimen type | |

| Indicator name | PCT_TB_PREV: Percentage of PLHIV completed TPT<br>*Previously [PT-12]* |
|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) enrolled on ART who were started on TPT and completed treatment, among all PLHIV enrolled on ART who were started on TPT during the reporting period. |

| | Note: This indicator is equivalent to the PEPFAR indicator *TB_PREV (% completion = numerator / denominator)*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
|---|---|---|
| **Numerator** | Number of PLHIV enrolled on ART who were started on TPT and completed treatment during the reporting period | *PBMEF data element: TB_PREV_N\** *\*Note: this is a PEPFAR indicator.* |
| **Denominator** | Number of PLHIV enrolled on ART who were started on TPT during the reporting period | *PBMEF data element: TB_PREV_D\** *WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt* *\*Note: this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, TPT regimen type | |

| **Indicator name** | **PCT_TB_PREV_LTFU: Percentage of PLHIV on TPT: LTFU** *Previously [TH-9]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) who were started on TPT but were LTFU. Note defining patients as LTFU may vary by regimen type and country guidelines. | |
| **Numerator** | Number of PLHIV who were started on TPT and were LTFU during the reporting period | *PBMEF data element: TB_PREV_LTFU\** *Note: TB_PREV is a PEPFAR indicator but there is no disaggregate for LTFU.* |
| **Denominator** | Number of PLHIV who were started on TPT during the specified reporting period | *PBMEF data element: TB_PREV_D\** *WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt* *\*Note: this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome | |
| **PBMEF level** | Extended | |

| | |
|---|---|
| **Unit of measure** | Percentage of people |
| **Disaggregate by** | Age, sex, TPT regimen type |

| Indicator name | PCT_TB_PREV_TB: Percentage of PLHIV on TPT developed TB during TPT<br>*Previously [TH-10]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) on TPT who developed TB during prevention therapy. | |
| **Numerator** | Total number of PLHIV who were started on TPT and developed TB during TPT, during the reporting period | *PBMEF data element: TB_PREV_TB\**<br>*Note: TB_PREV is a PEPFAR indicator but there is no disaggregate for TB diagnosis.* |
| **Denominator** | Total number of PLHIV who were started on TPT during the specified reporting period | *PBMEF data element: TB_PREV_D\**<br>*WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt*<br>*\*Note: this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, TPT regimen type | |

| Indicator name | PCT_TB_PREV_ADR: Percentage of PLHIV on TPT, and TPT interrupted due to adverse drug reaction (ADR)<br>*Previously [TH-11]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) whose TPT was interrupted due to ADR (adverse drug reaction).<br><br>An ADR (often referred to as an "adverse event") is any negative medical occurrence that presents in a person during TB preventive treatment with a World Health Organization (WHO) approved regimen that may or may not have a causal relationship with the prescribed treatment. More information on ADR and grading ADRs can be found here. | |
| **Numerator** | Total number of PLHIV who began on TPT but whose treatment was interrupted due to development of ADR, during the reporting period | *PBMEF data element: TB_PREV_ADR\**<br>*Note: TB_PREV is a PEPFAR indicator but there is no disaggregate for ADRs.* |

| Denominator | Total number of PLHIV who were started on TPT during the specified reporting period | *PBMEF data element: TB_PREV_D\** *WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt* *\*Note: this is a PEPFAR indicator.* |
|---|---|---|
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, TPT regimen type | |

| Indicator name | **PCT_TB_PREV_AST: Percentage of PLHIV on TPT, with baseline AST/ALT tests** *Previously [TH-12]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) on TB preventive treatment (TPT) who had a baseline alanine aminotransferase (ALT) and aspartate aminotransferase (AST) before initiation of prevention therapy. | |
| **Numerator** | Total number of PLHIV who had baseline AST/ALT tests before initiation of TPT, during the reporting period | *PBMEF data element: TB_PREV_AST\** *Note: TB_PREV is a PEPFAR indicator but there is no disaggregate for AST/ALT.* |
| **Denominator** | Total number of PLHIV who were started on TPT during the specified reporting period | *PBMEF data element: TB_PREV_D\** *WHO indicator (2020 and beyond): hiv_all_tpt or hiv_new_tpt* *\*Note: this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, TPT regimen type | |

| Indicator name | **PCT_TB_STAT: Percentage of people with TB with known HIV status** *Previously [TH-13]* |
|---|---|

| Definition | Percentage of people with new and relapse TB notified during the reporting period who were tested for HIV at the time of diagnosis or with known HIV status at the time of TB diagnosis, among all people with new and relapse TB (all forms) notified during the reporting period. |
|---|---|
| | Note: This indicator is equivalent to the PEPFAR indicator *TB_STAT*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. |

| Numerator | Number of people with new and relapse TB with a documented HIV status during the reporting period | *PBMEF data element: TB_STAT_N\** <br> *WHO data element: newrel_hivtest* <br> *\*Note: this is a PEPFAR indicator.* |
|---|---|---|
| Denominator | Number of people with new and relapse TB (all forms) notified during the reporting period | *PBMEF data element: TB_STAT_D\** <br> *WHO data element: c_newinc* <br> *\*Note: this is a PEPFAR indicator.* |

| Category | Prevent |
|---|---|
| Indicator type | Outcome; calculated |
| PBMEF level | Extended |
| Unit of measure | Percentage of people |
| Disaggregate by | Age, sex, DS-TB vs DR-TB |

| Indicator name | **PCT_DRTB_STAT: Percentage of people with DR-TB with known HIV status** <br> *Previously [TH-15]* |
|---|---|
| **Definition** | Percentage of people with DR-TB with a documented HIV status, among all DR-TB patients notified during the reporting period. |
| **Numerator** | Number of people with DR-TB who were tested for HIV at the time of diagnosis or with known positive or recently tested negative\* HIV status at the time of DR-TB diagnosis during the reporting period. <br><br> \*Recently tested negative: people with DR-TB who have a recent negative test result and are not yet eligible for re-testing per country guidelines. |
| **Denominator** | Number of people with laboratory-confirmed DR-TB notified during reporting year |

Additional column content for Numerator/Denominator:

| | | |
|---|---|---|
| **Numerator** | | *PBMEF data element: TB_STAT disaggregate\** <br> *\*Note: TB_STAT is a PEPFAR indicator but this disaggregate is not included.* |
| **Denominator** | | *PBMEF data element: MDR_NOTIF + XDR_NOTIF* <br> *WHO indicator: conf_rrmdr plus* |

| | | |
|---|---|---|
| | | *all_conf_xdr* |
| **Category** | Cure | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, HIV status for numerator (tested negative, tested positive, known positive, recent negative)<br>This indicator is a disaggregate of PCT_TB_STAT. | |

| Indicator name | PCT_TB_STAT_POS: Percentage of people with TB recorded as HIV-positive<br>*Previously [TH-14]* | |
|---|---|---|
| **Definition** | Percentage of people with new and relapse TB recorded as HIV-positive, among all people with new and relapse TB (all forms) with a documented HIV status during the reporting period.<br><br>Note: This indicator is equivalent to the PEPFAR indicator *TB_STAT_POS / TB_STAT numerator*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of people with new and relapse TB recorded as HIV-positive during the reporting period | *PBMEF data element: TB_STAT_POS\**<br>*WHO data element: newrel_hivpos*<br>*\*Note this is a PEPFAR indicator.* |
| **Denominator** | Number of people with new and relapse TB with a documented HIV status, during the reporting period | *PBMEF data element: TB_STAT_N\**<br>*WHO data element: newrel_hivtest*<br>*\*Note this is a PEPFAR indicator.* |
| **Category** | Reach, cure, prevent, sustain, innovate | |
| **Indicator type** | Outcome | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex | |

| Indicator name | PCT_DRTB_STAT_POS: Percentage of people with DR-TB recorded as HIV-positive<br>*Previously [TH-16]* | |
|---|---|---|
| **Definition** | Percentage of people with DR-TB documented as HIV-positive, among all people with DR-TB notified during the reporting period. | |
| **Numerator** | Number of people with DR-TB who were documented as HIV-positive during the reporting period | *PBMEF data element: DRTB_STAT_POS\**<br><br>*\*Note TB_STAT_POS is a PEPFAR indicator but the disaggregation for DR-TB is not included.* |
| **Denominator** | Number of people with DR-TB who had a documented HIV status during the reporting period | *PBMEF data element: DRTB_STAT_N\**<br><br>*\*Note TB_STAT_N is a PEPFAR indicator but the disaggregation for DR-TB is not included.* |
| **Category** | Cure | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex | |

| Indicator name | PCT_TB_ART: Percentage of HIV-positive people with TB on ART *Previously [TH-18]* | |
|---|---|---|
| **Definition** | Percentage of HIV-positive people with TB started or continued on ART during the reporting period, among people with new and relapse TB recorded as HIV-positive during the reporting period. Note: This indicator is equivalent to the PEPFAR indicator *TB_ART*. PEPFAR indicators should be used as written in the MER Reference Guide for activities that receive PEPFAR funding and report through PEPFAR channels; this indicator is offered in the PBMEF as a recommended way to analyze this data and for use outside of PEPFAR programming. | |
| **Numerator** | Number of HIV-positive people with TB started or continued on ART during the reporting period | *PBMEF data element: TB_ART_N\** *WHO data element: newrel_art, hiv_tbtx_art* *\*Note this is a PEPFAR indicator.* |
| **Denominator** | Number of people with new and relapse TB recorded as HIV-positive during the reporting period | *PBMEF data element: TB_STAT_POS\** *WHO data element: newrel_hivpos* *\*Note this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex, DS-TB vs DR-TB | |

| Indicator name | PCT_DRTB_ART: Percentage of HIV-positive people with DR-TB on ART<br>*Previously [TH-19]* | |
|---|---|---|
| **Definition** | Percentage of people with DR-TB started or continued on ART during the reporting period, among people with DR-TB documented as HIV-positive during the reporting period. | |
| **Numerator** | Number of HIV-positive people with DR-TB started or continued on ART during the reporting period | *PBMEF data element: DRTB_ART\**<br><br>*\*Note TB_ART is a PEPFAR indicator but the disaggregation for DR-TB is not included.* |
| **Denominator** | Number of people with DR-TB documented as HIV-positive during the reporting period | *PBMEF data element: DRTB_STAT_POS\**<br><br>*\*Note TB_STAT_POS is a PEPFAR indicator but the disaggregation for DR-TB is not included.* |
| **Category** | Cure | |
| **Indicator type** | Outcome | |
| **PBMEF level** | Extended | |
| **Unit of measure** | Percentage of people | |
| **Disaggregate by** | Age, sex | |

| Indicator name | PCT_TB_ART_AHD: PLHIV diagnosed with TB who have <200 CD4 baseline<br>*Previously [TH-28]* | |
|---|---|---|
| **Definition** | Percentage of people living with HIV (PLHIV) diagnosed with TB who have <200 CD4 baseline starting TB treatment, among HIV-positive people with TB started or continued on ART during the reporting period. | |
| **Numerator** | Number of PLHIV diagnosed with TB who have <200 CD4 baseline starting treatment during the reporting period | *PBMEF data element: TB_ART_AHD\**<br><br>*\*Note TB_ART is a PEPFAR indicator but the disaggregate for AHD is not included.* |
| **Denominator** | Number of HIV-positive people with TB started or continued on ART during the reporting period | *PBMEF data element: TB_ART_N\**<br>*WHO data element: newrel_art, hiv_tbtx_art*<br>*\*Note this is a PEPFAR indicator.* |
| **Category** | Prevent | |
| **Indicator type** | Outcome; calculated | |
| **PBMEF level** | Extended | |

| Unit of measure | Percentage of people |
|---|---|
| Disaggregate by | Age, sex |

| Indicator name | PCT_TB_STAT_POS_VL: PLHIV diagnosed with TB with baseline viral load results *Previously [TH-30]* | |
|---|---|---|
| Definition | Percentage of PLHIV diagnosed with TB with baseline viral load results available, among HIV-positive people with TB during the reporting period. | |
| Numerator | Number of PLHIV diagnosed with TB who has baseline viral load results available during the reporting period | *PBMEF data element: TB_STAT_POS_VL* |
| Denominator | Number of people with new and relapse TB recorded as HIV-positive during the reporting period | *PBMEF data element: TB_STAT_POS\** *WHO data element: newrel_hivpos* *\*Note this is a PEPFAR indicator.* |
| Category | Cure | |
| Indicator type | Outcome; calculated | |
| PBMEF level | Extended | |
| Unit of measure | Percentage of people | |
| Disaggregate by | Age, sex | |