
Appendix PE I Program Evaluation Forms

The Program Evaluation Forms Appendix details the information to be contained in each individual data point on both Aggregate Reports for Tuberculosis Program Evaluation forms:

- Follow-up and Treatment for Contacts to Tuberculosis Case Report
- Targeted Testing and Treatment for Latent Tuberculosis Infection (Targeted Testing Report).

Follow-up and Treatment for Contacts to Tuberculosis Cases Report Instructions

The Follow-up and Treatment for Contacts to Tuberculosis Case Report is an annual summary of health department activity in eliciting and evaluating contacts to TB cases and treating the contacts that have latent TB infection. The report can also include results provided by partner or contract healthcare entities, provided that these outside healthcare entities have cooperated with the health department to ensure that the data are accurate.

|  <p>DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE CENTERS FOR DISEASE CONTROL AND PREVENTION NATIONAL CENTER FOR HASTED AND TUBERCULOSIS DIVISION OF TUBERCULOSIS ELIMINATION 1600 CLAYTON ROAD, ATLANTA, GEORGIA 30333</p> | <p style="text-align: right;">1996 CONTACT-TOTAL 1996G A00000C P026X</p> <p style="text-align: right;">Form Approved OMB No. 0920-0457 Exp. Date 11/98/2002</p> | | |
|--|---|-----------------------|---------------|
| <p>Aggregate Reports for Tuberculosis Program Evaluation: Follow-up and Treatment for Contacts to Tuberculosis Cases</p> | | | |
| Reporting Area: <u>GA0000</u> | | | |
| Cohort Year: <u>1996</u> | | | |
| Primary Date for Follow-up: <u>08/15/1997</u> | (August 15 of the second year after the cohort year) | | |
| Total TB Cases Reported: <u>30</u> | | | |
| Part I. Cases and Contacts | | | |
| Types of Cases for Investigation: | | | |
| | Sputum smear + | Sputum smear - cult + | Others |
| Cases for Investigation..... | 20 (a1) | 8 (a2) | 2 (a3) |
| Cases with No Contacts..... | 4 (b1) | 2 (b2) | 0 (b3) |
| Number of Contacts..... | 80 (c1) | 32 (c2) | 40 (c3) |
| Evaluated..... | 60 (d1) | 24 (d2) | 40 (d3) |
| TB Disease..... | 20 (e1) | 24 (e2) | 16 (e3) |
| Latent TB Infection..... | 40 (f1) | 0 (f2) | 16 (f3) |
| Started Treatment..... | 32 (g1) | 0 (g2) | 16 (g3) |
| Completed Treatment..... | 8 (h1) | 0 (h2) | 8 (h3) |
| Reasons Treatment Not Completed: | | | |
| Death..... | 8 | | |
| Contact Moved (follow-up unknown)..... | 8 | | |
| Active TB Developed..... | 4 | | |
| Adverse Effect of Medicine..... | 4 | | |
| Contact Close to Stop..... | | | |
| Contact's Lost to Follow-up..... | | | 8 |
| Provider Decision..... | | | |
| Part II. Evaluation Indices | | | |
| No-Contacts Rate..... | 20 (b1a1), % | 25 (b2a2), % | 0 (b3a3), % |
| Contacts Per Case..... | 4 (b1b1) | 4 (b2b2) | 0 (b3b3) |
| Evaluation Rate..... | 75 (d1c1), % | 75 (d2c2), % | 100 (d3c3), % |
| Disease Rate..... | 33 (e1d1), % | 100 (e2d2), % | 40 (e3d3), % |
| Latent Infection Rate..... | 67 (f1e1), % | 0 (f2e2), % | 40 (f3e3), % |
| Treatment Rate..... | 80 (g1f1), % | 0 (g2f2), % | 100 (g3f3), % |
| Completion Rate..... | 25 (h1g1), % | 0 (h2g2), % | 50 (h3g3), % |

Follow-up and Treatment for Contacts to Tuberculosis Cases Report Field and Formula Guide

| Part I. Cases and Contacts | | |
|--|--|---|
| Types of Case for Investigation | | |
| A ₁ | Sputum Smear + Cases for Investigation | A ₁ is the actual number of Sputum Smear Positive persons within the TIMS database for the specified cohort year. A ₁ must be less than or equal to the Total TB Cases Reported. Additionally, the sum of A ₁ and A ₂ must be less than or equal to Total TB Cases Reported. |
| A ₂ | Sputum Smear - cult + Cases for Investigation | A ₂ is the actual number of Sputum Smear Negative and Culture Positive persons within the TIMS database for the specified cohort year. A ₂ must be less than or equal to the Total TB Cases Reported. Additionally, the sum of A ₁ and A ₂ must be less than or equal to Total TB Cases Reported. |
| B ₁ | Sputum Smear + Cases with No Contacts | B ₁ is a subset of A ₁ , representing the number of persons from the A ₁ group who have no reported contacts. B ₁ must be less or equal to A ₁ . |
| B ₂ | Sputum Smear - cult + Cases with No Contacts | B ₂ is a subset of A ₁ , representing the number of persons from the A ₂ group who have no reported contacts. B ₂ must be less than or equal to A ₁ . |
| C ₁ | Sputum Smear + Number of Contacts | C ₁ is total number of contacts derived from the B ₁ group. There are no restrictions to the number of contacts in the C ₁ group. |
| C ₂ | Sputum Smear - cult + Number of Contacts | C ₂ is total number of contacts derived from the B ₂ group. There are no restrictions to the number of contacts in the C ₂ group.. |
| C | Others Number of Contacts | C is total number of contacts derived from any persons in the TIMS database that do not fit either of the other two categories. There are no restrictions to the number of contacts in the C group. |
| D ₁ | Sputum Smear + Evaluated | D ₁ is a subset of C ₁ , representing the number of persons from the C ₁ group that were evaluated for TB. D ₁ must be less than or equal to C ₁ . |
| D ₂ | Sputum Smear - cult + Evaluated | D ₂ is a subset of C ₂ , representing the number of persons from the C ₂ group that were evaluated for TB. D ₂ must be less than or equal to C ₂ . |
| D | Others Evaluated | D is a subset of C, representing the number of persons from the C group that were evaluated for TB. D must be less than or equal to C. |
| E ₁ | Sputum Smear + TB Disease | E ₁ is a subset of D ₁ , representing the number of persons from the D ₁ group who tested positive to TB Disease. E ₁ must be less than or equal to D ₁ ; additionally, the sum of E ₁ and F ₁ must be less than or equal to D ₁ . |
| E ₂ | Sputum Smear - cult + TB Disease | E ₂ is a subset of D ₂ , representing the number of persons from the D ₂ group who tested positive for TB disease. E ₂ must be less than or equal to D ₂ ; additionally, the sum of E ₂ and F ₂ must be less than or equal to D ₂ . |
| E | Others TB Disease | E is a subset of D, representing the number of persons from the D group who tested positive for TB disease. E must be less than or equal to D; additionally, the sum of E and F must be less than or equal to D. |
| F ₁ | Sputum Smear + Latent TB Infection | F ₁ is a subset of D ₁ , representing the number of persons from the D ₁ group who tested positive for Latent TB Infection. F ₁ must be less than or equal to D ₁ ; additionally, the sum of E ₁ and F ₁ must be less than or equal to D ₁ . |
| F ₂ | Sputum Smear - cult + Latent TB Infection | F ₂ is a subset of D ₂ , representing the number of persons from the D ₂ group who tested positive for Latent TB Infection. F ₂ must be less than or equal to D ₂ ; additionally, the sum of E ₂ and F ₂ must be less than or equal to D ₂ . |
| F | Others Latent TB Infection | F is a subset of D. The number of persons from the D group who tested positive for Latent TB Infection. E must be less than or equal to D; additionally, the sum of E and F must be less than or equal to D. |
| G ₁ | Sputum Smear + Started Treatment | G ₁ is a subset of F ₁ , representing the number of persons from the F ₁ group who started TB treatment. G ₁ must be less than or equal to F ₁ . |
| G ₂ | Sputum Smear - cult + Started Treatment | G ₂ is a subset of F ₂ , representing the number of persons from the F ₂ group who started TB treatment. G ₂ must be less than or equal to F ₂ . |
| G | Others Started Treatment | G is a subset of F, representing the number of persons from the F group who started TB treatment. E must be less than or equal to F. |

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|--|--|---|
| H₁ | Sputum Smear + Completed Treatment | H₁ is a subset of G₁ , representing the number of persons from the G₁ group who completed TB treatment. H₁ must be less than or equal to G₁ . |
| H₂ | Sputum Smear – cult + Completed Treatment | H₂ is a subset of G₂ , representing the number of persons from the G₂ group who completed TB treatment. H₂ must be less than or equal to G₂ . |
| H | Others Completed Treatment | H is a subset of G , representing the number of persons from the G group who completed TB treatment. H must be less than or equal to G . |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for each Type of Case for Investigation (Sputum Smear +, Sputum Smear - cult. +, and Others) must be less than or equal to the difference between those that started treatment and those that completed treatment (G_x - H_x). |
| Sputum Smear + Death | | Persons from the Sputum Smear +: Started Treatment category that died before treatment could be completed. |
| Sputum Smear - cult + Death | | Persons from the Sputum Smear - cult. +: Started Treatment category that died before treatment could be completed. |
| Others: Death | | Persons from the Others: Started Treatment category that died before treatment could be completed. |
| Sputum Smear + Contact Moved (Follow-up Unknown) | | Persons from the Sputum Smear +: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Sputum Smear - cult + Contact Moved (Follow-up Unknown) | | Persons from the Sputum Smear - cult. +: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Others: Contact Moved (Follow-up Unknown) | | Persons from the Others: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Sputum Smear + Active TB Developed | | Persons from the Sputum Smear +: Started Treatment category who develop active TB according to the standard surveillance definition. |
| Sputum Smear - cult + Active TB Developed | | Persons from the Sputum Smear - cult. + Started Treatment category who develop active TB according to the standard surveillance definition. |
| Others: Active TB Developed | | Persons from the Others Started Treatment category who develops active TB according to the standard surveillance definition. |
| Sputum Smear + Adverse Effect of Medicine | | Persons from the Sputum Smear +: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Sputum Smear - cult + Adverse Effect of Medicine | | Persons from the Sputum Smear - cult. +: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Others: Adverse Effect of Medicine | | Persons from the Others: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Sputum Smear + Contact Chose to Stop | | Persons from the Sputum Smear +: Started Treatment category who stop taking their medications before they have completed treatment without a specific |

| | |
|--|---|
| | recommendation from a healthcare provider. |
| Sputum Smear - cult + Contact Chose to Stop | Persons from the Sputum Smear - cult. +: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Others: Contact Chose to Stop | Persons from the Others: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Sputum Smear + Contact is Lost to Follow-up | Persons from the Sputum Smear +: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Sputum Smear - cult + Contact is Lost to Follow-up | Persons from the Sputum Smear - cult. +: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Others: Contact is Lost to Follow-up | Persons from the Others: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Sputum Smear + Provider Decision | Persons from the Sputum Smear +: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Sputum Smear - cult + Provider Decision | Persons from the Sputum Smear - cult. +: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Others: Provider Decision | Persons from the Others: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Part II. Evaluation Indices | The Evaluation Indices are summary statistics automatically calculated by TIMS from the data entered in Part I and presented as either ratios or percentages. The formulas are shown on the paper copy of the report. |

Follow-up and Treatment for Contacts to Tuberculosis Cases Report TIMS Field Definitions



**DEPARTMENT OF HEALTH AND HUMAN SERVICES
PUBLIC HEALTH SERVICE
CENTERS FOR DISEASE CONTROL AND PREVENTION
NATIONAL CENTER FOR HIV, STD, AND TB PREVENTION
DIVISION OF TUBERCULOSIS ELIMINATION
ATLANTA, GEORGIA 30333**

reportname

Reporting Area:

Cohort Year:

Preliminary Date for Follow-up: 08/15/ (August 15 of the first year after the cohort year)

Total TB Cases Reported:

Form Approved

OMB No. 0920-0457

Exp. Date 11/30/2002

Preliminary Report

Final Report

Part I. Cases and Contacts

| Types of Cases for Investigation: | | | |
|--------------------------------------|----------------|------------------------|--------|
| | Sputum smear + | Sputum smear - cult. + | Others |
| Cases for Investigation..... | a1 | a2 | |
| Cases with No Contacts..... | b1 | b2 | |
| Number of Contacts..... | c1 | c2 | c |
| Evaluated..... | d1 | d2 | d |
| TB Disease..... | e1 | e2 | e |
| Latent TB Infection..... | f1 | f2 | f |
| Started Treatment..... | g1 | g2 | g |
| Completed Treatment..... | h1 | h2 | h |
| Reasons Treatment Not Completed: | | | |
| Death..... | rtnc11 | rtnc21 | rtnc31 |
| Contact Moved (follow-up unknown)... | rtnc12 | rtnc22 | rtnc32 |
| Active TB Developed..... | rtnc13 | rtnc23 | rtnc33 |
| Adverse Effect of Medicine..... | rtnc14 | rtnc24 | rtnc34 |
| Contact Chose to Stop..... | rtnc15 | rtnc25 | rtnc35 |
| Contact is Lost to Follow-up..... | rtnc16 | rtnc26 | rtnc36 |
| Provider Decision..... | rtnc17 | rtnc27 | rtnc37 |

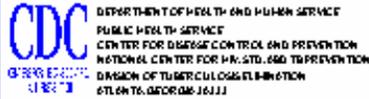
Targeted Testing Reports Instructions

The Aggregate Reports for Tuberculosis Program Evaluation: Targeted Testing and Treatment for Latent Tuberculosis Infection (Targeted Testing Report) is an annual summary of activities to find and treat latent TB infection through targeted and other testing. "Testing" means diagnostic tests done to find latent TB infection. Contact testing and follow-up, however, are not included in this report. Active case finding (searching for TB disease) should not be included in this report unless the individuals are also being tested for latent TB infection.

Targeted Testing and Treatment for Latent Tuberculosis Infection (Page 1)

| | | | | | |
|--|--|---|----------------|----------------|------------|
|  <p>DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE CENTERS FOR DISEASE CONTROL AND PREVENTION NATIONAL CENTER FOR HIV, STD, AND TUBERCULOSIS PREVENTION DIVISION OF TUBERCULOSIS PREVENTION 1600 CLIFTON BLVD ATLANTA, GEORGIA 30333</p> | <p>1998 TARGET TOTALS 1998G A0000CTFD30x</p> | <p>Form Approved OMB No. 0920-0457 Exp. Date 11/29/2002</p> | | | |
| <p>Aggregate Reports for Tuberculosis Program Evaluation: Targeted Testing and Treatment for Latent Tuberculosis Infection</p> | | | | | |
| Reporting Area: G A0000 | | | | | |
| Cohort Year: 1998 | | | | | |
| Closure Date for Follow-up: 03/15/2000 | (August 15 of the second year after the cohort year) | | | | |
| Part I. Testing Counts | | | | | |
| Testing Formats: | | | | | |
| | Targeted Testing | | | | Admin. |
| | Project | Individual | | | |
| Sought, Enlisted, or Referred..... | 398 (a1) | 400 (a2) | | | 400 (a) |
| Enlisted..... | 200 (b1) | 200 (b2) | | | 200 (b) |
| TB Disease..... | 100 (c1) | 100 (c2) | | | 100 (c) |
| Latent TB Infection..... | 100 (d1) | 100 (d2) | | | 40 (d) |
| Latent TB Infection, (sort by risk)..... | Medical Risk | Pop. Risk | Medical Risk | Pop. Risk | |
| | 60 (e1m) | 40 (e1p) | 60 (e2m) | 40 (e2p) | |
| Candidates for Treatment..... | 40 (f1m) | 40 (f1p) | 40 (f2m) | 40 (f2p) | 40 (f) |
| Started Treatment..... | 40 (g1m) | 40 (g1p) | 40 (g2m) | 40 (g2p) | 40 (g) |
| Completed Treatment..... | 20 (i1m) | 20 (i1p) | 20 (i2m) | 8 (i2p) | 8 (i) |
| Reasons Treatment Not Completed: | | | | | |
| Death..... | 20 | 20 | 20 | 32 | 32 |
| Patient Moved (follow-up unknown)..... | | | | | |
| Active TB Developed..... | | | | | |
| Adverse Effect of Medicine..... | | | | | |
| Patient Close to Stop..... | | | | | |
| Patient is Lost to Follow-up..... | | | | | |
| Provider Decision..... | | | | | |
| Part II. Evaluation Indices for Testing (Automated in TIMS, and converted to percentage) | | | | | |
| | Project | | Individual | | Admin. |
| | | | | | |
| Enlistment Rate..... | 50 (f1a1)% | 50 (f2a2)% | | | 50 (f6)% |
| Disease Rate..... | 50 (f1b1)% | 50 (f2b2)% | | | 50 (f6b)% |
| Latent Infection Rate..... | 50 (f1b1)% | 50 (f2b2)% | | | 20 (f6b)% |
| Candidate Rate..... | Medical Risk | Pop. Risk | Medical Risk | Pop. Risk | |
| | 67 (f1m&1m)% | 100 (f1p&1p)% | 67 (f2m&2m)% | 100 (f2p&2p)% | |
| Treatment Rate..... | 100 (g1m/f1m)% | 100 (g1p/f1p)% | 100 (g2m/f2m)% | 100 (g2p/f2p)% | 100 (g/f)% |
| Completion Rate..... | 50 (i1m/g1m)% | 50 (i1p/g1p)% | 50 (i2m/g2m)% | 20 (i2p/g2p)% | 20 (i/g)% |
| CDC 10-20 | | | | | |

Targeted Testing and Treatment for Latent Tuberculosis Infection (Page 2)



1998 TARGET TOTALS
1998G A0000CTF0360x

Aggregate Reports for Tuberculosis Program Evaluation:
Targeted Testing and Treatment for Latent Tuberculosis Infection
(Continued)

Part III. Referral Counts

| Referred, TB Infection: | Medical Risk | Pop. Risk | Admin. | | |
|-------------------------------|--------------|-----------|----------|----------|--------|
| Referred..... | 0 | 0 | 0 | | |
| TB Disease..... | 0 | 0 | 0 | | |
| Latent TB Infection..... | 0 | 0 | 0 | | |
| Candidates for Treatment..... | 40 (1m) | 40 (1p) | 40 (2m) | 40 (2p) | 40 (0) |
| Started Treatment..... | 40 (g1m) | 40 (g1p) | 40 (g2m) | 40 (g2p) | 40 (g) |
| Completed Treatment..... | 20 (i1m) | 20 (i1p) | 20 (i2m) | 8 (i2p) | 8 (i) |

Reasons Treatment Not Completed:

| | | | | | |
|--|----|----|----|----|----|
| Death..... | 20 | 20 | 20 | 32 | 32 |
| Patient Moved (follow-up unknown)..... | | | | | |
| Active TB Developed..... | | | | | |
| Adverse Effect of Medicine..... | | | | | |
| Patient Close to Stop..... | | | | | |
| Patient is Lost to Follow-up..... | | | | | |
| Patient Close to Stop..... | | | | | |
| Patient is Lost to Follow-up..... | | | | | |
| Provider Decision..... | | | | | |

Part II. Evaluation Indices for Testing (Automated in TIMS, and converted to percentage)

| Evaluation Rate..... | Project | | Individual | | Admin. |
|----------------------------|---------------|---------------|---------------|---------------|-----------|
| | 50 (d1a1)% | | 50 (d2a2)% | | 50 (d4)% |
| Disease Rate..... | 50 (d1b1)% | | 50 (d2b2)% | | 50 (d6)% |
| Latent Infection Rate..... | 50 (d1c1)% | | 50 (d2c2)% | | 20 (d8)% |
| Candidate Rate..... | Medical Risk | Pop. Risk | Medical Risk | Pop. Risk | |
| | 67 (1m&1m)% | 100 (1p&1p)% | 67 (2m&2m)% | 100 (2p&2p)% | 100 (0)% |
| Treatment Rate..... | 100 (g1m/1m)% | 100 (g1p/1p)% | 100 (g2m/2m)% | 100 (g2p/2p)% | 100 (g7)% |
| Completion Rate..... | 50 (i1m/g1m)% | 50 (i1p/g1p)% | 50 (i2m/g2m)% | 20 (i2p/g2p)% | 20 (i4g)% |

CDC 10-98

Targeted Testing and Treatment for Latent Tuberculosis Infection Field and Formula Guide

Targeted Testing: Project Formulas

| | | |
|--|---|--|
| A_1 | Sought, Enlisted, or Registered | A_1 is the actual number of persons within the project who were sought, enlisted, or registered for testing within the project. Can be any number (no restrictions). |
| B_1 | Evaluated | B_1 is a subset of A_1 . The number of persons from the A_1 group who were actually tested for latent TB infection. B_1 must be less than A_1 . |
| C_1 | TB Disease | C_1 is a subset of B_1 . The number of persons from the B_1 group that tested positive for TB disease. C_1 must be less than B_1 . Additionally, the sum of $C_1 + D_1$ must be less than B_1 . |
| D_1 | Latent TB Infection | D_1 is a subset of B_1 . The number of persons from the B_1 group that tested positive for Latent TB Infection. D_1 must be less than B_1 . Additionally, the sum of $C_1 + D_1$ must be less than or equal to B_1 . |
| E_{1M} | Latent TB Infection (sorted by risk) (Medical Risk) | E_{1M} is a subset of D_1 . The number of persons from the D_1 group who were evaluated because of a medical risk factor. E_{1M} must be less than or equal to D_1 . Additionally, $E_{1M} + E_{1P}$ must equal D_1 . |
| E_{1P} | Latent TB Infection (sorted by risk) (Pop. Risk) | E_{1P} is a subset of D_1 . The number of persons from the D_1 group who were evaluated because of a medical risk factor. E_{1P} must be less than or equal to D_1 . Additionally, $E_{1M} + E_{1P}$ must equal D_1 . |
| F_{1M} | Candidates for Treatment (Medical Risk) | F_{1M} is a subset of E_{1M} . The number of persons from the E_{1M} group who are identified as candidates for Latent TB Infection treatment. |
| F_{1P} | Candidates for Treatment (Pop. Risk) | F_{1P} is a subset of E_{1P} . The number of persons from the E_{1P} group who are identified as candidates for Latent TB Infection treatment. |
| G_{1M} | Started Treatment (Medical Risk) | G_{1M} is a subset of F_{1M} . The number of persons from the F_{1M} group that actually began treatment for Latent TB Infection treatment. |
| G_{1P} | Started Treatment (Pop. Risk) | G_{1P} is a subset of F_{1P} . The number of persons from the F_{1P} group that actually began treatment for Latent TB Infection treatment. |
| H_{1M} | Completed Treatment (Medical Risk) | H_{1M} is a subset of F_{1M} . The number of persons from the F_{1M} group that actually completed treatment for Latent TB Infection treatment. |
| H_{1P} | Completed Treatment (Pop. Risk) | H_{1P} is a subset of F_{1P} . The number of persons from the F_{1P} group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for each investigation target (Medical Risk and Pop. Risk) must be less than or equal to the difference between those that started treatment and those that completed treatment ($G_x - H_x$). |

| | |
|---|---|
| Medical Risk / Death | Persons from the Medical Risk: Started Treatment category that died before treatment could be completed. |
| Pop. Risk / Death | Persons from the Pop. Risk: Started Treatment category that died before treatment could be completed. |
| Medical Risk / Contact Moved (Follow-up Unknown) | Persons from the Medical Risk: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Pop. Risk / Contact Moved (Follow-up Unknown) | Persons from the Pop. Risk: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Medical Risk / Active TB Developed | Persons from the Medical Risk: Started Treatment category who develop active TB according to the standard surveillance definition. |
| Pop. Risk / Active TB Developed | Persons from the Pop. Risk Started Treatment category who develop active TB according to the standard surveillance definition. |
| Medical Risk / Adverse Effect of Medicine | Persons from the Medical Risk: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Pop. Risk / Adverse Effect of Medicine | Persons from the Pop. Risk: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Medical Risk / Contact Chose to Stop | Persons from the Medical Risk: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Pop. Risk / Contact Chose to Stop | Persons from the Pop. Risk: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Medical Risk / Contact is Lost to Follow-up | Persons from the Medical Risk: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |

| | |
|---|---|
| Pop. Risk / Contact is Lost to Follow-up | Persons from the Pop. Risk: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Medical Risk / Provider Decision | Persons from the Medical Risk: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Pop. Risk / Provider Decision | Persons from the Pop. Risk: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Part II. Evaluation Indices | The Evaluation Indices are summary statistics automatically calculated by TIMS from the data entered in Part I and presented as either ratios or percentages. The formulas are shown on the paper copy of the report. |

Targeted Testing: Individual Formulas

| | | |
|----------|---|---|
| A_2 | Sought, Enlisted, or Registered | A_2 is the actual number of persons within the project who were sought, enlisted, or registered for testing within the project. Can be any number (no restrictions). |
| B_2 | Evaluated | B_2 is a subset of A_2 . The number of persons from the A_2 group who were actually tested for latent TB infection. B_2 must be less than A_2 . |
| C_2 | TB Disease | C_2 is a subset of B_2 . The number of persons from the B_2 group that tested positive for TB disease. C_2 must be less than B_2 . Additionally, the sum of $C_2 + D_2$ must be less than B_2 . |
| D_2 | Latent TB Infection | D_2 is a subset of B_2 . The number of persons from the B_2 group that tested positive for Latent TB Infection. D_2 must be less than B_2 . Additionally, the sum of $C_2 + D_2$ must be less than or equal to B_2 . |
| E_{2M} | Latent TB Infection (sorted by risk) (Medical Risk) | E_{2M} is a subset of D_2 . The number of persons from the D_2 group who were evaluated because of a medical risk factor. E_{2M} must be less than or equal to D_2 . Additionally, $E_{2M} + E_{2P}$ must equal D_2 . |
| E_{2P} | Latent TB Infection (sorted by risk) (Pop. Risk) | E_{2P} is a subset of D_2 . The number of persons from the D_2 group who were evaluated because of a medical risk factor. E_{2P} must be less than or equal to D_2 . Additionally, $E_{2M} + E_{2P}$ must equal D_2 . |
| F_{2M} | Candidates for Treatment (Medical Risk) | F_{2M} is a subset of E_{2M} . The number of persons from the E_{2M} group who are identified as candidates for Latent TB Infection treatment. |
| F_{2P} | Candidates for Treatment (Pop. Risk) | F_{2P} is a subset of E_{2P} . The number of persons from the E_{2P} group who are identified as candidates for Latent TB Infection treatment. |
| G_{2M} | Started Treatment (Medical Risk) | G_{2M} is a subset of F_{2M} . The number of persons from the F_{2M} group that actually began treatment for Latent TB Infection treatment |
| G_{2P} | Started Treatment (Pop. Risk) | G_{2P} is a subset of F_{2P} . The number of persons from the F_{2P} group |

| | | |
|---|------------------------------------|---|
| | | that actually began treatment for Latent TB Infection treatment. |
| H_{2M} | Completed Treatment (Medical Risk) | H_{2M} is a subset of F_{2M} . The number of persons from the F_{2M} group that actually completed treatment for Latent TB Infection treatment. |
| H_{2P} | Completed Treatment (Pop. Risk) | H_{2P} is a subset of F_{2P} . The number of persons from the F_{2P} group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for each investigation target (Medical Risk and Pop. Risk) must be less than or equal to the difference between those that started treatment and those that completed treatment (G_x - H_x). |
| Medical Risk / Death | | Persons from the Medical Risk: Started Treatment category that died before treatment could be completed. |
| Pop. Risk / Death | | Persons from the Pop. Risk: Started Treatment category that died before treatment could be completed. |
| Medical Risk / Contact Moved (Follow-up Unknown) | | Persons from the Medical Risk: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Pop. Risk / Contact Moved (Follow-up Unknown) | | Persons from the Pop. Risk: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Medical Risk / Active TB Developed | | Persons from the Medical Risk: Started Treatment category who develop active TB according to the standard surveillance definition. |
| Pop. Risk / Active TB Developed | | Persons from the Pop. Risk Started Treatment category who develop active TB according to the standard surveillance definition. |
| Medical Risk / Adverse Effect of Medicine | | Persons from the Medical Risk: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Pop. Risk / Adverse Effect of Medicine | | Persons from the Pop. Risk: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |

| | |
|--|---|
| Medical Risk / Contact Chose to Stop | Persons from the Medical Risk: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Pop. Risk / Contact Chose to Stop | Persons from the Pop. Risk: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Medical Risk / Contact is Lost to Follow-up | Persons from the Medical Risk: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Pop. Risk / Contact is Lost to Follow-up | Persons from the Pop. Risk: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Medical Risk / Provider Decision | Persons from the Medical Risk: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |
| Pop. Risk / Provider Decision | Persons from the Pop. Risk: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |

Admin. Formulas

| | | |
|---|---|---|
| A | Sought, Enlisted, or Registered | A is the actual number of persons within the project who were sought, enlisted, or registered for testing within the project. Can be any number (no restrictions). |
| B | Evaluated | B is a subset of A. The number of persons from the A group who were actually tested for latent TB infection. B must be less than A. |
| C | TB Disease | C is a subset of B. The number of persons from the B group that tested positive for TB disease. C must be less than B. Additionally, the sum of C + D must be less than B. |
| D | Latent TB Infection | D is a subset of B. The number of persons from the B group that tested positive for Latent TB Infection. D must be less than B. Additionally, the sum of C + D must be less than or equal to B. |
| E | Latent TB Infection (sorted by risk) (Medical Risk) | E is a subset of D. The number of persons from the D group who were evaluated because of a medical risk factor. E must be less than or equal to D. Additionally, E + E must equal D. |
| E | Latent TB Infection (sorted by risk) (Pop. Risk) | E is a subset of D. The number of persons from the D group who were evaluated because of a medical risk factor. E must be less than or equal to D. Additionally, E + E must equal D. |
| F | Candidates for Treatment (Medical Risk) | F is a subset of E. The number of persons from the E group who are identified as candidates for Latent TB Infection treatment. |
| F | Candidates for Treatment (Pop. Risk) | F is a subset of E. The number of persons from the E group who are identified as candidates for Latent TB Infection treatment. |
| G | Started Treatment | G is a subset of F. The number of persons from the F group that |

| | | |
|--|------------------------------------|---|
| | (Medical Risk) | actually began treatment for Latent TB Infection treatment |
| G | Started Treatment (Pop. Risk) | G is a subset of F. The number of persons from the F group that actually began treatment for Latent TB Infection treatment. |
| H | Completed Treatment (Medical Risk) | H is a subset of F. The number of persons from the F group that actually completed treatment for Latent TB Infection treatment. |
| H | Completed Treatment (Pop. Risk) | H is a subset of F. The number of persons from the F group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for the Admin. investigation target must be less than or equal to the difference between those that started treatment and those that completed treatment (GH). |
| Death | | Persons from the Admin.: Started Treatment category that died before treatment could be completed. |
| Contact Moved / (Follow-up Unknown) | | Persons from the Admin.: Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Active TB Developed | | Persons from the Admin.: Started Treatment category who develop active TB according to the standard surveillance definition. |
| Adverse Effect of Medicine | | Persons from the Admin.: Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Contact Chose to Stop | | Persons from the Admin.: Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Contact is Lost to Follow-up | | Persons from the Admin.: Started Treatment category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Provider Decision | | Persons from the Admin.: Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |

Referral Counts: Medical Risk Formulas

| | | |
|-------|------------|---|
| I_M | Referred | I_M is the actual number of persons within the project who were referred for testing within the project. Can be any number (no restrictions). |
| J_M | TB Disease | J_M is a subset of I_M . The number of persons from the I_M group that tested positive for TB disease. J_M must be less than B. |

| | | |
|--|--------------------------|---|
| | | Additionally, the sum of $J_M + K_M$ must be less than I_M . |
| K_M | Latent TB Infection | K_M is a subset of I_M . The number of persons from the I_M group that tested positive for Latent TB Infection. K_M must be less than I_M . Additionally, the sum of $J_M + K_M$ must be less than or equal to I_M . |
| L_M | Candidates for Treatment | L_M is a subset of K_M . The number of persons from the K_M group who are identified as candidates for Latent TB Infection treatment. |
| M_M | Started Treatment | M_M is a subset of L_M . The number of persons from the L_M group that actually began treatment for Latent TB Infection treatment. |
| N_M | Completed Treatment | N_M is a subset of L_M . The number of persons from the L_M group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for the Referral: Medical Risk investigation must be less than or equal to the difference between those that started treatment and those that completed treatment (GH). |
| Death | | Persons from the Referral: Medical Risk, Started Treatment category that died before treatment could be completed. |
| Contact Moved (Follow-up Unknown) | | Persons from the Referral: Medical Risk, Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Active TB Developed | | Persons from the Referral: Medical Risk, Started Treatment category who develop active TB according to the standard surveillance definition. |
| Adverse Effect of Medicine | | Persons from the Referral: Medical Risk, Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Contact Chose to Stop | | Persons from the Referral: Medical Risk, Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Contact is Lost to Follow-up | | Persons from the Referral: Medical Risk, Started Treatment, category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Provider Decision | | Persons from the Referral: Medical Risk, Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |

Referral Counts: Pop. Risk Formulas

| | | |
|--|--------------------------|--|
| I_p | Referred | I_p is the actual number of persons within the project who were referred for testing within the project. Can be any number (no restrictions). |
| J_p | TB Disease | J_p is a subset of I_p . The number of persons from the I_p group that tested positive for TB disease. J_p must be less than I_p . Additionally, the sum of $J_p + K_p$ must be less than I_p . |
| K_p | Latent TB Infection | K_p is a subset of I_p . The number of persons from the I_p group that tested positive for Latent TB Infection. K_p must be less than I_p . Additionally, the sum of $J_p + K_p$ must be less than or equal to I_p . |
| L_p | Candidates for Treatment | L_p is a subset of K_p . The number of persons from the K_p group who are identified as candidates for Latent TB Infection treatment. |
| M_p | Started Treatment | M_p is a subset of L_p . The number of persons from the L_p group that actually began treatment for Latent TB Infection treatment. |
| N_p | Completed Treatment | N_p is a subset of L_p . The number of persons from the L_p group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for the Referral: Pop. Risk investigation must be less than or equal to the difference between those that started treatment and those that completed treatment (GH). |
| Death | | Persons from the Referral: Pop. Risk, Started Treatment category that died before treatment could be completed. |
| Contact Moved (Follow-up Unknown) | | Persons from the Referral: Pop. Risk, Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Active TB Developed | | Persons from the Referral: Pop. Risk, Started Treatment category who develop active TB according to the standard surveillance definition. |
| Adverse Effect of Medicine | | Persons from the Referral: Pop. Risk, Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Contact Chose to Stop | | Persons from the Referral: Pop. Risk, Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |

| | |
|------------------------------|---|
| Contact is Lost to Follow-up | Persons from the Referral: Pop. Risk, Started Treatment, category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Provider Decision | Persons from the Referral: Pop. Risk, Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |

Referral Counts: Admin. Formulas

| | | |
|--|--------------------------|---|
| I | Referred | I is the actual number of persons within the project who were referred for testing within the project. Can be any number (no restrictions). |
| J | TB Disease | J is a subset of I. The number of persons from the I group that tested positive for TB disease. J must be less than B. Additionally, the sum of J + K must be less than I. |
| K | Latent TB Infection | K is a subset of I. The number of persons from the I group that tested positive for Latent TB Infection. K must be less than I. Additionally, the sum of J + K must be less than or equal to I. |
| L | Candidates for Treatment | L is a subset of K. The number of persons from the K group who are identified as candidates for Latent TB Infection treatment. |
| M | Started Treatment | M is a subset of L. The number of persons from the L group that actually began treatment for Latent TB Infection treatment. |
| N | Completed Treatment | N is a subset of L. The number of persons from the L group that actually completed treatment for Latent TB Infection treatment. |
| Reasons Treatment Not Completed | | A collection of general reasons that treatment for latent TB infection is not being completed. The sum of all Reasons Treatment Not Completed for the Referral: Admin. investigation must be less than or equal to the difference between those that started treatment and those that completed treatment (GH). |
| Death | | Persons from the Referral: Admin. Started Treatment category that died before treatment could be completed. |
| Contact Moved (Follow-up Unknown) | | Persons from the Referral: Admin. Started Treatment category that have moved away from the jurisdiction of the health department and follow-up information is not available. If follow-up information becomes available from the receiving jurisdiction (completed treatment, lost to follow-up, etc.), the outcome should be recorded accordingly. |
| Active TB Developed | | Persons from the Referral: Admin. Started Treatment category who develop active TB according to the standard surveillance definition. |

| | |
|------------------------------|--|
| Adverse Effect of Medicine | Persons from the Referral: Admin. Started Treatment category who do not complete treatment due to adverse effects of the TB medication (including drug-drug and drug-food interaction) and a healthcare provider determines that treatment should be discontinued. If the patient stops taking medications but there is not recommendation from health-care provider, the person should be categorized as Contact Chose to Stop. |
| Contact Chose to Stop | Persons from the Referral: Admin, Started Treatment category who stop taking their medications before they have completed treatment without a specific recommendation from a healthcare provider. |
| Contact is Lost to Follow-up | Persons from the Referral: Admin., Started Treatment, category whose treatment status at the end of the expected treatment regimen is incomplete or indeterminate because the health department cannot locate them to determine a more specific outcome. |
| Provider Decision | Persons from the Referral: Admin, Started Treatment category whom a healthcare provider has determined that the treatment for latent TB infection should be stopped because of concern about the benefits, safety, or the practicality of treatment. |

Targeted Testing and Treatment for Latent Tuberculosis Infection TIMS Field Definitions

| | | | | | |
|---|--|--|---------------------|--------|--------|
|  DEPARTMENT OF HEALTH AND HUMAN SERVICES PUBLIC HEALTH SERVICE CENTERS FOR DISEASE CONTROL AND PREVENTION NATIONAL CENTER FOR HIV, STD, AND TB PREVENTION DIVISION OF TUBERCULOSIS ELIMINATION ATLANTA, GEORGIA 30333 | reportname | Form Approved OMB No. 0920-0457 Exp. Date 11/30/2002 | | | |
| | Reporting Area: siteid Cohort Year: cohorty Preliminary Date for Follow-up: 08/15/datefollowup (August 15 of the first year after the cohort year) | <input type="radio"/> Preliminary Report <input type="radio"/> Final Report | | | |
| Part I. Testing Counts | | | | | |
| Testing Formats: | | | | | |
| | Targeted Testing | | Admin. | | |
| | Project | Individual | | | |
| Sought, Enlisted, or Registered..... | a1 | a2 | a | | |
| Evaluated..... | b1 | b2 | b | | |
| TB Disease..... | c1 | c2 | c | | |
| Latent TB Infection..... | d1 | d2 | d | | |
| | Medical Risk | Pop. Risk | Medical Risk | | |
| | Pop. Risk | Medical Risk | Pop. Risk | | |
| Latent TB Infection, (sort by risk)..... | e1m | e1p | e2m | e2p | e |
| Candidates for Treatment..... | f1m | f1p | f2m | f2p | f |
| Started Treatment..... | g1m | g1p | g2m | g2p | g |
| Completed Treatment..... | h1m | h1p | h2m | h2p | h |
| Reasons Treatment Not Completed: | | | | | |
| Death..... | rtnc11 | rtnc21 | rtnc31 | rtnc41 | rtnc51 |
| Patient Moved (follow-up unknown).... | rtnc12 | rtnc22 | rtnc32 | rtnc42 | rtnc52 |
| Active TB Developed..... | rtnc13 | rtnc23 | rtnc33 | rtnc43 | rtnc53 |
| Adverse Effect of Medicine..... | rtnc14 | rtnc24 | rtnc34 | rtnc44 | rtnc54 |
| Patient Chose to Stop..... | rtnc15 | rtnc25 | rtnc35 | rtnc45 | rtnc55 |
| Patient is Lost to Follow-up..... | rtnc16 | rtnc26 | rtnc36 | rtnc46 | rtnc56 |
| Provider Decision..... | rtnc17 | rtnc27 | rtnc37 | rtnc47 | rtnc57 |

| | | | |
|---|---------------------|------------------|---------------|
| Part III. Referral Counts | | | |
| Referred, TB Infection: | Medical Risk | Pop. Risk | Admin. |
| Referred..... | im | ip | i |
| TB Disease..... | jm | jp | j |
| Latent TB Infection..... | km | kp | k |
| Candidates for Treatment..... | lm | lp | l |
| Started Treatment..... | mm | mp | m |
| Completed Treatment..... | nm | np | n |
| Reasons Treatment Not Completed: | | | |
| Death..... | rtncr11 | rtncr21 | rtncr31 |
| Patient Moved (follow-up unknown).... | rtncr12 | rtncr22 | rtncr32 |
| Active TB Developed..... | rtncr13 | rtncr23 | rtncr33 |
| Adverse Effect of Medicine..... | rtncr14 | rtncr24 | rtncr34 |
| Patient Chose to Stop..... | rtncr15 | rtncr25 | rtncr35 |
| Patient is Lost to Follow-up..... | rtncr16 | rtncr26 | rtncr36 |
| Provider Decision..... | rtncr17 | rtncr27 | rtncr37 |

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