

Mizoram State Health Society (TB Control)

1. Name of the programme : Revised National TB Control Programme (RNTCP)

2. Objectives / Targets :

- a) To achieve at least 85% cure rate of new smear positive patients detected.
- b) To detect at least 70% of the expected new smear positive patients after the goal for cure rate has been detected.

2. Man Power Position :

State Level :

| | | |
|-----------------|---|-----------------|
| STO | - | 1 |
| MO-STCS | - | 1 (Contractual) |
| Account Officer | - | 1 (Contractual) |
| IECO | - | 1 (Contractual) |
| Sect. Asst | - | 1 (Contractual) |
| DEO | - | 1 (Contractual) |
| Driver | - | 1 (Contractual) |

District Level :

| | | |
|-----------------------------------------|---|-------------------------------------------|
| DTO | - | 8/8 (Full time DTO at Aizawl and Lunglei) |
| MO-TC | - | 1 (Lunglei) (Contractual) |
| Senior Treatment Supervisor (STS) | - | 9 (Contractual) |
| Senior TB Laboratory Supervisor (STLS)- | - | 9 (Contractual) |
| Lab. Tech | - | 6/30 (Contractual) |
| DEO | - | 8 (Contractual) |
| TB Health Visitor | - | 1 (Contractual under Aizawl Dist) |

3. Achievement :

PHYSICAL ACHIEVEMENT REPORT DURING 2003 – 1st Qtr 2008

| <i>Year</i> | <i>New Smear Positive Target 75/lakh</i> | <i>Relapse</i> | <i>New Smear Negative</i> | <i>Extra Pulmonary</i> | <i>Others</i> | <i>Total Case detection (Expected 203/lakh/pop)</i> | <i>Cured</i> | <i>Percentage</i> |
|-------------|------------------------------------------|----------------|---------------------------|------------------------|---------------|-----------------------------------------------------|--------------|-------------------|
|-------------|------------------------------------------|----------------|---------------------------|------------------------|---------------|-----------------------------------------------------|--------------|-------------------|

| | <i>No</i> | <i>Per lakh</i> | <i>%</i> | | | | | <i>No</i> | <i>Per lakh</i> | | |
|------------------------|-----------|-----------------|----------|-----|-----|-----|------|-----------|-----------------|-----|-------|
| 2003 | 520 | 58 | 77 | 484 | 374 | 73 | 1518 | 170 | 170 | - | - |
| 2004 | 591 | 66 | 88 | 91 | 626 | 513 | 121 | 2035 | 228 | 446 | 86% |
| 2005 | 551 | 61 | 81 | 135 | 564 | 502 | 204 | 1937 | 218 | 508 | 85.6% |
| 2006 | 548 | 61.5 | 81.5 | 101 | 449 | 591 | 162 | 1913 | 215 | 501 | 91% |
| 2007 | 689 | 71 | 95 | 111 | 510 | 631 | 95 | 2173 | 224 | 497 | 91% |
| 1 st Qtr 08 | 170 | 70 | 93 | 33 | 134 | 154 | 30 | 545 | 225 | 140 | 92% |

FINANCIAL ACHIEVEMENT REPORT DURING 2003 – 1st Qtr 2008

| FUND POSITION | | FINANCIAL ACHIEVEMENT (EXPENDITURE) | | | |
|-----------------------------------|---------------|-------------------------------------|--------------|--------------------------------------|---------------------------------------|
| <i>Balance from previous year</i> | <i>Amount</i> | <i>Particulars</i> | <i>Year</i> | <i>Action Plan (Amount in Lakhs)</i> | <i>Actual Spent (Amount in Lakhs)</i> |
| 2003-2004 | 25.69 | Lab. Materials | 2003-2004 | - | 2.46 |
| 2004-2005 | 2.25 | | 2004-2005 | - | 4.45 |
| 2005-2006 | 16.14 | | 2005-2006 | - | 1.93 |
| 2006-2007 | 16.08 | | 2006-2007 | - | 4.71 |
| 2007-2008 | 17.90 | | 2007-2008 | 6.00 | 3.38 |
| Fund received from Central | Amount | | Total | | 6.00 |
| 2003-2004 | 66.00 | Honorarium | 2003-2004 | - | 0.039 |
| 2004-2005 | 88.00 | | 2004-2005 | - | 0.11 |
| 2005-2006 | 78.00 | | 2005-2006 | - | 0.23 |
| 2006-2007 | 90.00 | | 2006-2007 | - | 1.32 |
| 2007-2008 | 94.00 | | 2007-2008 | 2.55 | 4.15 |
| Interest | Amount | Total | | 2.55 | 5.849 |

| | | | | |
|--------------------|-------------------------------|-------------|--------------|--------------|
| | | 2004-2005 | - | 2.49 |
| | | 2005-2006 | - | 2.79 |
| | | 2006-2007 | - | 2.01 |
| | | 2007-2008 | 1.65 | 7.81 |
| | Total | | 1.65 | 16.85 |
| | Civil Works | 2003-2004 | - | 2.17 |
| | | 2004-2005 | - | 0.051 |
| | | 2005-2006 | - | 0.008 |
| | | 2006-2007 | - | 0.89 |
| | | 2007-2008 | 2.13 | 1.04 |
| | Total | | 2.13 | 4.159 |
| | Procurement of Vehicle | 2003-2004 | - | 29.89 |
| | | 2004-2005 | - | 8.65 |
| | | 2005-2006 | - | - |
| | | 2006-2007 | - | - |
| | | 2007-2008 | - | - |
| Total | | 0 | 38.54 | |
| NGO Support | 2003-2004 | - | - | |
| | 2004-2005 | - | - | |
| | 2005-2006 | - | 0.025 | |
| | 2006-2007 | - | 0.008 | |
| | 2007-2008 | 2.50 | 1.00 | |
| Total | | 2.50 | 1.033 | |

4. Innovations :

- a) As per Tribal Action plan, sputum collection centre has been established in 46 PHIs, hard areas and sub-centres of various district for transportation of sputum to the nearest Microscopy Centre. Volunteers for sputum collection activity in tribal areas are paid an honorarium of Rs. 100 per month (If visit to Health Centre is more than one per week Rs. 200 per month may be given). Also, an aggregate amount of Rs. 250/- is provided to all tribal TB patients on completion of his / her treatment to cover his/her travel costs.
- b) Serkawn Hospital at Lunglei is involved under RNTCP NGO involvement scheme IV.
- c) New Microscopy Centre has been established at Thenzawl CHC and Khawzawl PHC in December 2007 to improve the case detection in the areas.
- d) RBRC (Random Blinded Re-checking) of slides is done routinely/monthly for all the Districts at Aizawl & Lunglei to maintain/control internal quality of sputum smear microscopy.

Activities undertaken under RNTCP

- (1) **Training** : Training of various categories & staff like Medical Officers, Lab.Technicians, Pharmacists, Health Worker, ASHA are usually conducted during the year.
- (2) **IEC** : Large scale activities have been undertaken under IEC activities like

- Awareness Campaign for Community, School Children etc.
- Spot Advertisement on DDK, AIR, Local Cables covering all Districts.
- Hoarding, Posters and Wall Paintings at various levels.
- Leaflets and pamphlets.
- Patient Provider meeting held regularly at District Level.

(3) **Internal Evaluation:** Conducted quarterly for various districts to assess the performance of the district. Reports are then sent to Central TB Division.

5. Factors enhancing the implementation of the programme :

- a) Intensive systematic monitoring and supervision performed monthly by state and district RNTCP Staffs.
- b) Regular monthly meeting conducted at district level and quarterly review meeting at the state level.

6. Constraints:

- a) Unavailability of full time DTO for 6 Districts (Excluding Aizawl and Lunglei)
- b) Lack of co-operation of many Lab-technicians from different health sectors (MSACS/RCH/State Contract) to perform sputum smear microscopy

7. Recommendation/ Suggestions :

- a) As per the Central observations (NRL – National Reference Laboratory, New Delhi and IRL Manipur) additional Lab. Tech. may be recommended at Saiha DTC, West Phaileng MC, Aizawl DTC. Heavy work load performed by Lab. Tech. i.e. more than 30 – 40 sputum smears per day may affect the quality of sputum smear microscopy as in Aizawl DTC.
- b) Fax machine is required for all DTCs (8 districts) so as to improve the reporting system .