

## National Leprosy Eradication Programme

# NLEP - Data Management Recording & Reporting System

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**CLTRI**

CLTRI \_ Online training \_ DLO \_ Sep2021



# Learning Objectives

- At the end of the session, the participants should be able to:
1. Describe the data flow in NLEP
  2. Enumerate and interpret the Epidemiological indicators used in NLEP
  3. Enlist the records & reporting formats in NLEP
  4. Discuss about maintaining data quality in NLEP reporting system



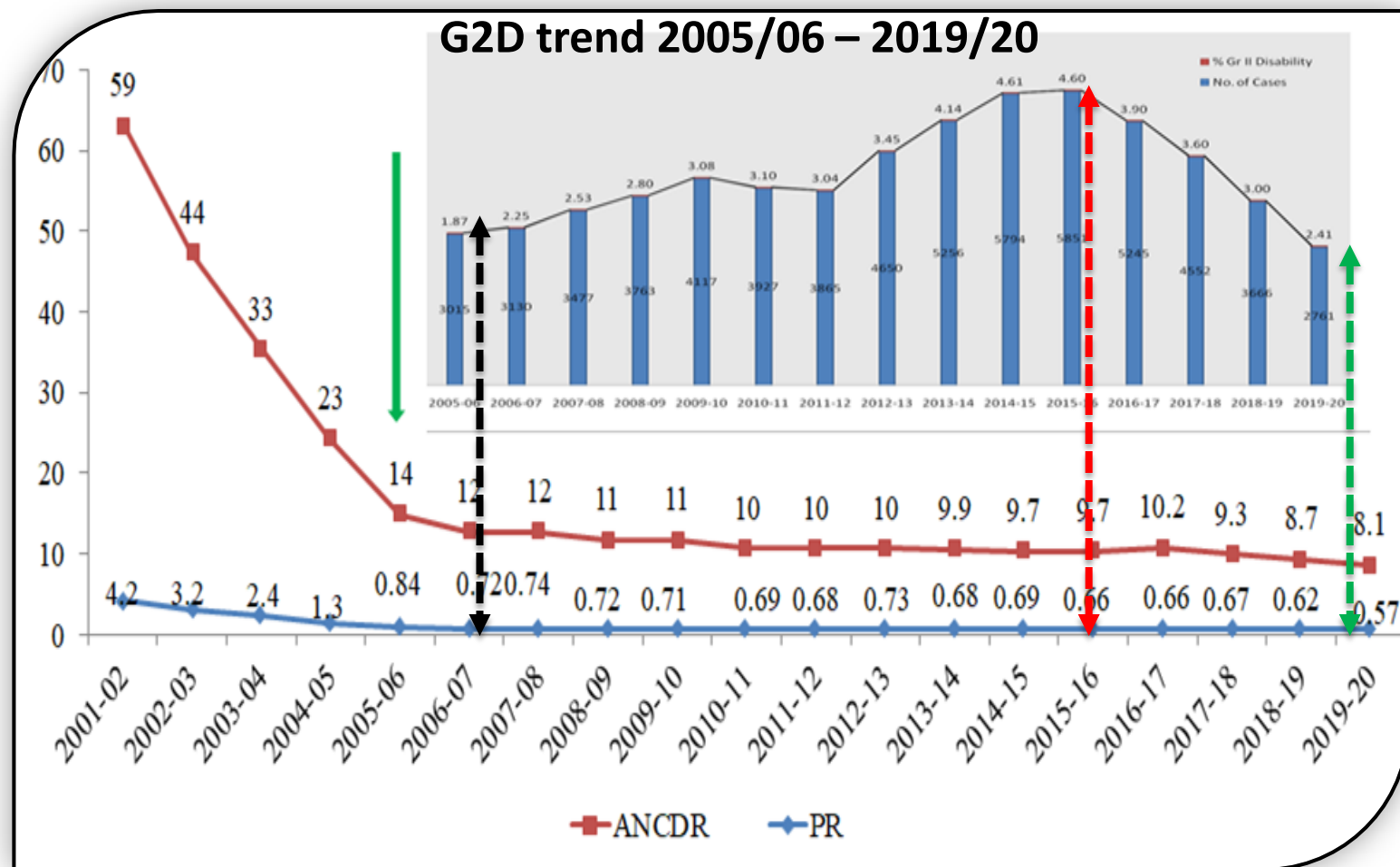
# NLEP – Data management

- Health information – integral part of any health program
- Collection, transmission, processing, analysis and interpretation of information
- Planning/organizing/implementing health services and also for research & training
- NLEP - Simplified information System (SIS) to Upgraded SIS (USIS)
- Web based information management system



# Strengthening Evidence based decision making (1)

- From data to information
- From information to evidence
- From evidence to decision making



# Components

1. Indicators
2. Records
3. Reports
4. Validation mechanism at different level
5. Performance Assessment

- Data is continuously collected & consolidated into monthly progress reports
- Certain indicators are generated out of the reports & used for assessing the progress



# Primary sources of data in NLEP

## Primary level:

- PHC / Sub-centre
- ASHA reports / referrals
- active / special campaigns

## Secondary / tertiary level:

- Taluk / non-taluk / District Hospitals
- Medical Colleges

## Others:

- Private providers – GPs, Clinics, Hospitals
- NGOs
- Evaluation exercises



# NLEP Records

|            |   |                                    |
|------------|---|------------------------------------|
| U.L.F 01   | - | Patient Card                       |
| U.L.F 02/A | - | Treatment Register for new cases   |
| U.L.F 02/B | - | Treatment Register for other cases |
| U.L.F 03   | - | MDT Drug Stock Register            |
| U.L.F 04   | - | DPMR Assessment Card               |
| U.L.F 05   | - | DPMR Record / Disability Register  |



# ULF 01 (Patient Card)

| NATIONAL LEPROSY ERADICATION PROGRAMME (NLEP)<br>PATIENT CARD  |   |  |   |  |   |                     |   |                     |    |                              |  |
|--|---|--|---|--|---|---------------------|---|---------------------|----|------------------------------|--|
| subcenter  |   | PHC  |   |  |   |                     |   |                     |    |                              |  |
| Block / CHC  |   | Districts  |   | State  |   |                     |   |                     |    |                              |  |
| Registration Number:   |   |  |   | Sc   |   | ST                  |   | Others              |    |                              |  |
| Name   |   |  |   | Age  |   | Female              |   | Male                |    |                              |  |
| Address  |   |  |   |  |   |                     |   |                     |    |                              |  |
| (With Mobile No.)  |   |  |   |  |   |                     |   |                     |    |                              |  |
| Duration of signs/symptom in months  |   | .....Duration of disability if any.....                                  |   |  |   |                     |   |                     |    |                              |  |
| Mode of detection  |   | Voluntary / by ASHA / referred by other / by contact survey / other mode |   |  |   |                     |   |                     |    |                              |  |
| Classification   |   | PB   |   | MB   |   | New Case            |   | Other Case(specify) |    |                              |  |
| Disability   |   | Gr.-I  |   | Gr.II  |   | EHF score           |   |                     |    |                              |  |
| Date of First Dose   |   |  |   |  |   |                     |   |                     |    |                              |  |
| <p>AFTER ENTERING ABOVE INFORMATION IN THE PHC TREATMENT RECORD, THIS PATIENT CARD IS TO BE TRANSFERRED TO SUB-CENTER FOR DELIVERY OF SUBSEQUENT DOSES</p>   |   |  |   |  |   |                     |   |                     |    |                              |  |
|  |   |  |   |  |   |                     |   |                     |    | Signature of Medical Officer |  |
| Date of subsequent doses:  |   |  |   |  |   |                     |   |                     |    |                              |  |
| 2  | 3 | 4  | 5 | 6(PB Final)  | 7 | 8                   | 9 | 10                  | 11 | 12 (MB Final)                |  |
| Date of Discharge  |   | Date:  |   | RFT/Otherwise deleted (specify)  |   |                     |   |                     |    |                              |  |
| End status   |   | EHF score:   |   | Follow up required (after RFT) for reaction, deformity, Ulcer or eye case: |   |                     |   |                     |    |                              |  |
| <p>THIS CARD IS TO MAINTAINED AT SUB-CENTER AFTER EVERY DOSE UPDATE THE PHC TREATMENT RECORD AFTER ACHIEVING END STATUS THE MPW SHOULD SIGN THIS CARD AND RETAIN AT SUB-CENTER FOR FUTURE REFERENCE</p>  |   |  |   |  |   |                     |   |                     |    |                              |  |
|  |   |  |   |  |   |                     |   |                     |    | Signature of Sub Centre MPW  |  |
| Mode of detection ASHA /Health worker / contact survey / search / voluntary reporting  |   |  |   |  |   |                     |   |                     |    |                              |  |
| CONTACT SURVEY IN MB/CHILD   |   |  |   | No.Examined-   |   |                     |   | Cases detected      |    |                              |  |
| CASE   |   |  |   | MB-  |   |                     |   | PB-                 |    |                              |  |
| Record of Lepra Reaction / Neuritis  |   |  |   |  |   |                     |   |                     |    |                              |  |
| Type - I / II  |   |  |   |  |   | Neuritis - Yes / No |   |                     |    |                              |  |
| Prednisolone doses issued with dates at PHC / District hospital  |   |  |   |  |   |                     |   |                     |    |                              |  |
| Dates of MCR foot wear if issued-  |   |  |   |  |   |                     |   |                     |    |                              |  |
| Date of referral for RCS-  |   |  |   |  |   |                     |   |                     |    |                              |  |
| Contact examination done on.....new cases suspected/confirmed.....   |   |  |   |  |   |                     |   |                     |    |                              |  |
| <p>NB: this patient card is for use for the new cases as well as other cases. In urban situation this card can be used by changing sub-center / PHC / CHC with appropriate health unit area / region</p> |   |  |   |  |   |                     |   |                     |    |                              |  |

- Basic and important record
- Rural / Urban
- Prepared at PHC / SC
- MO / Health Worker
- Maintained at SC
- Regular update / Follow up
- Ensure completeness
- Availability





# Treatment register for new cases (ULF 02/A)

U.L.F. 02/A

| TREATMENT REGISTER FOR NEW CASES |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|----------------------------------|------------|------|---------------------------------|---------------------|---------|--------|--------|-------------------------|--------------------|--------------------------|---|---|---|-------------------|---|---|---|----|----|---------------|--|-------------|
| PHC _____                        |            |      |                                 | Block PHC/CHC _____ |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
| Districts _____                  |            |      |                                 | State/UTs _____     |         |        |        |                         |                    |                          |   |   |   | Fiscal Year _____ |   |   |   |    |    |               |  |             |
| Reg. No.                         | Sub centre | Name | Address with mobile tel. number | Age                 | Sex M/F | ST/ SC | PB/ MB | Disability grade I / II | Date of first dose | Date of Subsequent doses |   |   |   |                   |   |   |   |    |    |               |  | Date of RFT |
|                                  |            |      |                                 |                     |         |        |        |                         |                    | 2                        | 3 | 4 | 5 | 6 (PB final)      | 7 | 8 | 9 | 10 | 11 | 12 (MB final) |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |
|                                  |            |      |                                 |                     |         |        |        |                         |                    |                          |   |   |   |                   |   |   |   |    |    |               |  |             |

Maintained at PHC level

Person responsible - Health Supervisor / MPHW

Most important register for compilation of MPR & for calculation of Indicators



# Treatment register for other cases (ULF 02/B)

U.L.F. 02/B

| TREATMENT REGISTER FOR OTHER CASES |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|------------------------------------|------------|------|-------------------------|---------------------|---------|--------|--------|-------------------|--------------------|--------------------------|---|---|---|--------------|---|---|---|----|----|---------------|--|-------------|-------------------|
| PHC _____                          |            |      |                         | Block PHC/CHC _____ |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
| Districts _____                    |            |      |                         | State/UTs _____     |         |        |        | Fiscal Year _____ |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
| Reg. No.                           | Sub centre | Name | Address & mobile number | Age                 | Sex M/F | ST/ SC | PB/ MB | Disability I / II | Date of first dose | Date of Subsequent doses |   |   |   |              |   |   |   |    |    |               |  | Date of RFT | Category of case* |
|                                    |            |      |                         |                     |         |        |        |                   |                    | 2                        | 3 | 4 | 5 | 6 (PB final) | 7 | 8 | 9 | 10 | 11 | 12 (MB final) |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |
|                                    |            |      |                         |                     |         |        |        |                   |                    |                          |   |   |   |              |   |   |   |    |    |               |  |             |                   |

\* Category of case - Relapse, re- entered for treatment completion, referred and changing in classification of MB/PB.

## Relapse:

Re-occurrence of the disease at any time after the completion of full course of treatment.

## Re-entered for treatment:

These are previously treated cases, where clinical assessment shows requirement of further treatment and patient admits that treatment was not completed.

## Referred cases:

Patient referred for completion of treatment (remaining doses) by tertiary or second level institutions after diagnosis and issue of first dose, or from another Health centre on patient request or migratory patient from another District/State

## Re-classified:

Persons with PB leprosy; reclassified to MB and need full course of MB treatment.



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# Disability assessment (ULF 04 - Page 1/2)

U.L.F.04 (Page - 1)

## SENSORY ASSESSMENT

| DATE<br>ASSESSOR | PALM  |      | SOLE  |      | Comments |
|------------------|-------|------|-------|------|----------|
|                  | RIGHT | LEFT | RIGHT | LEFT |          |
|                  |       |      |       |      |          |
|                  |       |      |       |      |          |
|                  |       |      |       |      |          |
|                  |       |      |       |      |          |
|                  |       |      |       |      |          |

Key : (Put these mark/icon on the site where lesion is seen)

- |                                  |               |                  |
|----------------------------------|---------------|------------------|
| ✓ Sensation Present within 3 cms | S Contracture | Scar/Callus      |
| X Anaesthesia                    | Wound         | Shortening Level |
| ^ Clawing                        | Crack         |                  |

Annexure - V (Continued)

U.L.F.04 (Page-2)

## Disability Assessment form for primary level

### ASSESSMENT OF DISABILITY & NERVE FUNCTION

Name..... Village..... Dt. of Regn.....  
 S/o. W/o. D/o..... Sub Centre..... Dt. of RFT.....  
 Gender / Age..... MDT No..... Referred by.....  
 Occupation..... MB/PB..... Date of Assessment.....

| RIGHT |                              | LEFT |
|-------|------------------------------|------|
|       | Date                         |      |
|       | Vision (0,1,2)               |      |
|       | Light Closure lid gap in mm. |      |
|       | Blink Present / Absent       |      |
|       | Little Finger Out            |      |
|       | Thumb Up                     |      |
|       | Wrist Extension              |      |
|       | Foot Up                      |      |
|       | Disability Grade Hands       |      |
|       | Disability Grade Feet        |      |
|       | Disability Grade Eyes        |      |
|       | On Date                      |      |
|       | Max. (WHO) Disability Grade  |      |
|       | EHF Score                    |      |
|       | Signature of Assessor        |      |

**Muscle Power :**  
 S = Strong  
 W = Weak  
 P = Paralyzed

**Score of Vision : Counting Fingers at 6 Meters**  
 0 = Normal  
 1 = Blurred Vision  
 2 = Unable to Count Fingers

This form should be filled-in at the time of registration and repeated after 3 months (once in 2 weeks in case of neuritis / reaction)

Operational Guidelines

- ✓ **Periodic assessment – Filled in at the time of registration and repeated after 3 months**  
 - once in 2 weeks in case of neuritis/reaction
- ✓ **Physiotherapist / Health Supervisor**

- ❖ Disability Grading
- ❖ EHF Score

# Disability Register (ULF 05)

- Maintained at PHC / BPHC/ District level
- Update – Yearly
- Planning of DPMR activities

| DISABILITY REGISTER |                     |          |   |                         |                |                                      |                        |                    |       |                 |       |      |       |
|---------------------|---------------------|----------|---|-------------------------|----------------|--------------------------------------|------------------------|--------------------|-------|-----------------|-------|------|-------|
| Disability Register |                     |          |   |                         |                |                                      |                        |                    |       | U.L.F.-05       |       |      |       |
| PHC/ CHC _____      |                     |          |   |                         | District _____ |                                      |                        |                    |       | State/UTs _____ |       |      |       |
| Sl. No.             | Name of the patient | Age/ Sex | Address<br>Village/ Sub-<br>centre/ PHC<br>with phone<br>number | New/<br>UT/ Old<br>case | MB/ PB         | New Case<br>(NC) /UT<br>case/<br>RFT | Disability<br>Gr.-I/II | Site of disability |       |                 |       |      |       |
|                     |                     |          |   |                         |                |                                      |                        | Eye                |       | Hand            |       | Foot |       |
|                     |                     |          |   |                         |                |                                      |                        | Gr-0               | Gr-II | Gr-I            | Gr-II | Gr-I | Gr-II |
| 1                   | 2                   | 3        | 4   | 5                       | 6              | 7                                    | 8                      | 9                  | 10    | 11              | 12    | 13   | 14    |
|                     |                     |          |   |                         |                |                                      |                        |                    |       |                 |       |      |       |
|                     |                     |          |   |                         |                |                                      |                        |                    |       |                 |       |      |       |

| Ulcer<br>Simple<br>/<br>Complicated | EHF<br>score | Neuritis | Reaction<br>Type-I/<br>Type-II | DPMR Services Provided        |                       |                    |                 | Refer with date |                      |     |  | New Disability developed<br>after starting of<br>prednisolone | Referral<br>Services<br>provided/<br>Follow up<br>taken up/<br>Remarks |    |    |
|-------------------------------------|--------------|----------|--------------------------------|-------------------------------|-----------------------|--------------------|-----------------|-----------------|----------------------|-----|--|---|--|----|----|
|                                     |              |          |                                | Steroid/<br>dose/dur<br>ation | Self-care<br>practice | Ulcer<br>Treatment | Other<br>if any | RCS             | Complicated<br>Ulcer | Eye | Reaction<br>not<br>responding<br>to<br>Steroid |   |  |    |    |
| 15                                  | 16           | 17       | 18                             | 19                            | 20                    | 21                 | 22              | 23              | 24                   | 25  | 26   | 27  | 28   | 29 | 30 |
|                                     |              |          |                                |                               |                       |                    |                 |                 |                      |     |  |   |  |    |    |
|                                     |              |          |                                |                               |                       |                    |                 |                 |                      |     |  |   |  |    |    |



**(This card should be kept with the patient)**



# Referral Slip / Register

## Referral Slip

(to be used by MO PHC)

PHC \_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_

Name of the person to be referred: \_\_\_\_\_

Age and Sex: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Clinical finding: \_\_\_\_\_

\_\_\_\_\_

Reason/indication: \_\_\_\_\_  
for referring

Referred to: \_\_\_\_\_

Copy marked to District Nucleus on: \_\_\_\_\_

Action taken at referral centres: \_\_\_\_\_

\_\_\_\_\_

Instructions for follow up: \_\_\_\_\_

\_\_\_\_\_

Referred by: \_\_\_\_\_  
(designation & place)

Signature & date: \_\_\_\_\_

## Referral Register

PHC \_\_\_\_\_ District \_\_\_\_\_ State \_\_\_\_\_

[illegible]

# NLEP – Other records & reports

- **Suspect case Register**
  - **Contact survey Register**
  - PEP Register
  - **Hot spot survey and other survey particulars Register**
  - RCS cases register
  - **Disability Pension Register**
  - Welfare articles issued Register
  - RBSK Monthly report related to NLEP
  - Anti-leprosy Fortnight (SLAC) activities Register
- **Active Case Detection & Regular Surveillance (ACD&RS) Registers**





# NLEP - Progress Reports

- Data recorded in different centres need to be periodically collected & entered in a predesigned format for submission to next higher level

## 1. Monthly Progress Report (MPR)

- a) U.L.F. 06 - NLEP Monthly Reporting form  
PHC/Block PHC report (Annex. – VII)
- b) U.L.F. 07 - NLEP Monthly Reporting form  
District/State report (Annex. – VIII)

## 2. Quarterly Progress Report (QPR)

- a) U.L.F. 08 - NLEP Quarterly Reporting form on training (Annex. – IX)
- b) U.L.F. 09 - NLEP Quarterly Reporting form on IEC (Annex. – X)
- c) U.L.F. 10 - Elimination status in 209 high endemic districts (Annex. – XI)



# Progress Reports

## 3. Annual Reports: (Fiscal year April to March)

1. Districts – Wise information as on 31st March (Annex. XII)
2. Block- wise information as on 31st March (Annex. XIII)
3. Urban Locality wise information as on 31st March (Annex. XIV)
4. District- wise information on search Activities (Annex. XV)
5. District- wise information on leprosy fortnight (Annex. XVI)
6. Annual Performance Assessment



# Monthly Reporting Format (ULF 06/07)

| NLEP - Monthly Reporting Form |  |   |                            |                         |    |       |                   |    |       | Page 1 |  |  |
|-------------------------------|--|---|----------------------------|-------------------------|----|-------|-------------------|----|-------|--------|--|--|
| District:                     |  |   |                            | Reporting Month & Year: |    |       |                   |    |       |        |  |  |
| Prevalence Rate (PR)          |  |   |                            | Total                   |    |       | SC                |    | ST    |        |  |  |
| Population of the District    |  |   |                            | Total                   |    |       | SC                |    | ST    |        |  |  |
| 1                             | No. of cases under treatment carried forward from previous month |   |                            | Cases (1.1)             |    |       | Other cases (1.2) |    |       |        |  |  |
|                               |  |   |                            | PB                      | MB | Total | PB                | MB | Total |        |  |  |
|                               |  | Male (Adult)                                |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Female (Adult)                              |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Girl Child                                  |                            |                         |    |       |                   |    |       |        |  |  |
| 2                             | No. of "New Leprosy Cases" detected in the reporting month       |   |                            | During reporting        |    |       | Cumulative from   |    |       |        |  |  |
|                               |  |   |                            | PB                      | MB | Total | PB                | MB | Total |        |  |  |
|                               |  | Male (Adult)                                |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Female (Adult)                              |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Girl Child                                  |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  |   |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Male Child                                  |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Total                                       |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Confirmation Out of RBSK referral among new |                            |                         |    |       |                   |    |       |        |  |  |
|                               |  | Confirmation Out of CBAC referral among new |                            |                         |    |       |                   |    |       |        |  |  |
| 3.1                           | Cases from other States among new leprosy cases                  |   |                            |                         |    |       |                   |    |       |        |  |  |
| 3.2                           | No. of cases voluntarily reported, out of new recorded           |   |                            |                         |    |       |                   |    |       |        |  |  |
| 4.1                           | Among new leprosy cases detected , number of deformity cases     | Male Deformity                              | Gr-I                       |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Gr-II                      |                         |    |       |                   |    |       |        |  |  |
|                               |  | Female Deformity                            | Gr-I                       |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Gr-II                      |                         |    |       |                   |    |       |        |  |  |
|                               |  | Child Deformity                             | Gr-I                       |                         |    |       |                   |    |       |        |  |  |
| 4.2                           | Among new leprosy cases detected , number of                     | SC  | Male                       |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female                     |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Child Cases                |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male Gr.II Deformity Caes  |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female G.II Deformity Caes |                         |    |       |                   |    |       |        |  |  |
|                               |  | ST  | Child Gr.II Deformity Caes |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male                       |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female                     |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Child Cases                |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male Gr.II Deformity Caes  |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female G.II Deformity Caes |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Child Gr.II Deformity Caes |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male (Adult)               |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female (Adult)             |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Girl Child                 |                         |    |       |                   |    |       |        |  |  |
|                               | Release From Treatment (RFT)                                     |   | Male Child                 |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Total                      |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male (Adult)               |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female (Adult)             |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Girl Child                 |                         |    |       |                   |    |       |        |  |  |
|                               | migrated / referred out for treatment to other state / District  |   | Male Child                 |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Total                      |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Male (Adult)               |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Female (Adult)             |                         |    |       |                   |    |       |        |  |  |
|                               |  |   | Girl Child                 |                         |    |       |                   |    |       |        |  |  |

# Monthly Reporting Format (ULF 06/07)

|  |   |   |                |                      |             |                       |                   |                   |  |
|--|---|---|----------------|----------------------|-------------|-----------------------|-------------------|-------------------|--|
| 5  | No. of leprosy cases <b>reduced</b> during the month (excluding other cases). | No. of cases left treatment and disappeared / non traceable | Male (Adult)   |                      |             |                       |                   |                   |  |
|  |   |   | Female (Adult) |                      |             |                       |                   |                   |  |
|  |   |   | Girl Child     |                      |             |                       |                   |                   |  |
|  |   |   | Male Child     |                      |             |                       |                   |                   |  |
|  |   |   | <b>Total</b>   |                      |             |                       |                   |                   |  |
|  |   | Dead  | Male (Adult)   |                      |             |                       |                   |                   |  |
|  |   |   | Female (Adult) |                      |             |                       |                   |                   |  |
|  |   |   | Girl Child     |                      |             |                       |                   |                   |  |
|  |   |   | Male Child     |                      |             |                       |                   |                   |  |
|  |   |   | <b>Total</b>   |                      |             |                       |                   |                   |  |
|  |   | Any other   | Male (Adult)   |                      |             |                       |                   |                   |  |
|  |   |   | Female (Adult) |                      |             |                       |                   |                   |  |
|  |   |   | Girl Child     |                      |             |                       |                   |                   |  |
|  |   |   | Male Child     |                      |             |                       |                   |                   |  |
|  |   |   | <b>Total</b>   |                      |             |                       |                   |                   |  |
|  |   | <b>Total</b>  | Male (Adult)   |                      |             |                       |                   |                   |  |
| Female (Adult)   |   |   |                |                      |             |                       |                   |                   |  |
| Girl Child   |   |   |                |                      |             |                       |                   |                   |  |
| Male Child   |   |   |                |                      |             |                       |                   |                   |  |
| <b>Total</b>   |   |   |                |                      |             |                       |                   |                   |  |
| 6  | No. of leprosy cases under treatment at the end of the month (1.1 + 2 - 5)    | Male (Adult)  |                |                      |             |                       |                   |                   |  |
|  |   | Female (Adult)  |                |                      |             |                       |                   |                   |  |
|  |   | Girl Child  |                |                      |             |                       |                   |                   |  |
|  |   | Male Child  |                |                      |             |                       |                   |                   |  |
|  |   | <b>Total</b>  |                |                      |             |                       |                   |                   |  |
| 7  | No. of 'Other cases' recorded and put under treatment.                        | (i) Relapse   |                |                      |             |                       |                   |                   |  |
|  |   | (ii) Re-rentered for treat.                                 |                |                      |             |                       |                   |                   |  |
|  |   | (iii) Referred In   |                |                      |             |                       |                   |                   |  |
|  |   | (iv) Reclassified   |                |                      |             |                       |                   |                   |  |
|  |   | <b>Total</b>  |                |                      |             |                       |                   |                   |  |
| 8  | No. of 'Other cases' reduced from treatment                                   | Released From Treatment (RFT)                               |                |                      |             |                       |                   |                   |  |
|  |   | Informed migration / <b>referred out</b> for treatment to   |                |                      |             |                       |                   |                   |  |
|  |   | No. of cases left treatment and disappeared / non           |                |                      |             |                       |                   |                   |  |
|  |   | Dead  |                |                      |             |                       |                   |                   |  |
|  |   | Any other   |                |                      |             |                       |                   |                   |  |
| 9  | No. of other cases under treatment at end of reporting month                  | <b>Total</b>  |                |                      |             |                       |                   |                   |  |
|  |   |   |                |                      |             |                       |                   |                   |  |
|  |   |   |                |                      |             |                       |                   |                   |  |
|  |   |   |                |                      |             |                       |                   |                   |  |
|  |   |   |                |                      |             |                       |                   |                   |  |
| 10 <b>Total No. of cases under treatment at the end of the reporting month ( 6</b> |   |   |                |                      |             |                       |                   |                   |  |
| Drug Stock at the end of the reporting month (If required use extra sheets) :      |   |   |                |                      |             |                       |                   |                   |  |
| 11   | Blister Packs   | PHC / Urban Stock   |                | District Store Stock |             | Total in the District |                   |                   |  |
|  |   | Qty.  | Expiry Date    | Qty.                 | Expiry Date | Qty.                  | No. of UT patient | Patient month BCP |  |
|  |   | MB (A)  |                |                      |             |                       |                   |                   |  |
|  |   | MB (C)  |                |                      |             |                       |                   |                   |  |
|  |   | PB(A)   |                |                      |             |                       |                   |                   |  |
|  |   | PB(C)   |                |                      |             |                       |                   |                   |  |
|  |   | Clofazimine (100 mg)  |                |                      |             |                       |                   |                   |  |
| Clofazimine (50 mg)  |   |   |                |                      |             |                       |                   |                   |  |



# Monthly Reporting Format (ULF 06/07)

## NLEP - Monthly Reporting Form

Page 2

District:

Reporting Month/Year :

| S.No                   | Reaction & Relapse   |                      | During the Month |    |       | Cumulative total from 1 <sup>st</sup> April |    |       |
|------------------------|--|----------------------|------------------|----|-------|---|----|-------|
|                        |  |                      | PB               | MB | Total | PB  | MB | Total |
| 1                      | No. of new leprosy cases recorded                                |                      |                  |    |       |   |    |       |
| 2                      | No. of New reaction cases reported from RFT                      | Type – I             |                  |    |       |   |    |       |
|                        |  | Type – II            |                  |    |       |   |    |       |
|                        |  | Referred to district |                  |    |       |   |    |       |
| 3                      | No. of New reaction cases reported from those still in treatment | Type – I             |                  |    |       |   |    |       |
|                        |  | Type – II            |                  |    |       |   |    |       |
|                        |  | Referred to district |                  |    |       |   |    |       |
| 4                      | No. of relapse cases suspected and referred by PHCs              |                      |                  |    |       |   |    |       |
| 5                      | No of relapse suspect tested & confirmed                         |                      |                  |    |       |   |    |       |
| 6                      | No. of relapse confirmed at District Hosp.                       |                      |                  |    |       |   |    |       |
| <b>DPMR activities</b> |  |                      |                  |    |       |   |    |       |
| 7                      | No. of cases developed new disability after starting of MDT      |                      |                  |    |       |   |    |       |
| 8                      | No. of patients provided with MCR footwear                       |                      |                  |    |       |   |    |       |
| 9                      | No. of patient provided with Self Care Kits                      |                      |                  |    |       |   |    |       |
| 10                     | No. of patients fit for RCS                                      |                      |                  |    |       |   |    |       |
| 11                     | No. of patient referred for RCS                                  |                      |                  |    |       |   |    |       |
| 12                     | No. of institutes providing RCS                                  | Govt.                |                  |    |       |   |    |       |
|                        |  | NGO                  |                  |    |       |   |    |       |
|                        |  | Total                |                  |    |       |   |    |       |
| 13                     | No. of patients - RCS done                                       | Govt.                |                  |    |       |   |    |       |
|                        |  | NGO                  |                  |    |       |   |    |       |
|                        |  | Total                |                  |    |       |   |    |       |
| 14                     | Money paid for wages loss to RCS patients                        |                      |                  |    |       |   |    |       |

# Monthly Reporting Format (ULF 06/07)

## NLEP - Monthly Reporting Form

Page 3

District :

Reporting Monthr/Year :

| Sl. No                                  | Contact Tracing  |  | During reporting month                             | Cumulative from 1st April |  |
|---|--|--|--|---------------------------|--|
| 1                                       | <b>Post Exposure Prophylaxis (PEP)</b>                                   | No. of index leprosy cases   |  |                           |  |
|   |  | No. of contacts examined   |  |                           |  |
|   |  | No. of contact found eligible for PEP out of total examined  |  |                           |  |
|   |  | No. of SDR administered  |  |                           |  |
| 2                                       | <b>Focused Leprosy Campaign (FLC)</b>                                    | Total G2D Cases detected in the district   |  |                           |  |
|   |  | How many FLCs conducted (Villages /Wards)  |  |                           |  |
|   |  | No of new cases detected during FLC  |  |                           |  |
| <b>ASHA contribution</b>                |  |  |  |                           |  |
| 3                                       | <b>Regular Active Case Detection through ASHA / community volunteers</b> | No. of ASHAs in the block  |  |                           |  |
|   |  | No. of persons screened  |  |                           |  |
|   |  | No. of presumptives identified & Referred  |  |                           |  |
|   |  | No. of presumptives confirmed  |  |                           |  |
|   |  | No of cases completed treatment through ASHAs  |  |                           |  |
|   |  | No. of ASHA / volunteer paid incentives  |  |                           |  |
| 4                                       | <b>G2D Investigation</b>   | Average Duration of delay (in weeks) among cases from time of noticing symptoms to seeking treatment |  |                           |  |
|   |  | Reasons for delay in reporting, in cases investigated after noticing symptoms (in percentage)        | Lack of information about the disease              |                           |  |
|   |  |  | Non- availability of doctor at the health facility |                           |  |
|   |  |  | Loss of wages                                      |                           |  |
|   |  |  | Fear/ Stigma                                       |                           |  |
|   |  |  | Financial constraints                              |                           |  |
|   |  |  | Treated by multiple Practioners                    |                           |  |
|   |  |  | Treatment by faith healers                         |                           |  |
|   |  |  | Any other(specify)                                 |                           |  |
|   |  | No. of cases that came to know about Leprosy through (in percentage)                                 | Neighbors  |                           |  |
|   |  |  | Relatives/ Friends                                 |                           |  |
|   |  |  | News Clippings                                     |                           |  |
|   |  |  | Radio Jingles                                      |                           |  |
|   |  |  | Posters  |                           |  |
|   |  |  | Banners  |                           |  |
|   |  |  | Leaflets   |                           |  |
| Any other(specify) ASHA , Health worker |  |  |  |                           |  |

# Filled MPR of a district

| NLEP - Monthly Reporting Form |  |   |  |                                    |                        |    | Page 1 |                           |    |       |
|-------------------------------|--|---|--|------------------------------------|------------------------|----|--------|---------------------------|----|-------|
| District: KANCHIPURAM         |  |   |  | Reporting Month & Year: MARCH-2021 |                        |    |        |                           |    |       |
| Prevalence Rate (PR)          |  | 0.24/10000  |  |                                    |                        |    |        |                           |    |       |
| Population of the District    |  | Total   |  |                                    | SC                     |    | ST     |                           |    |       |
|                               |  | 3,627,645   |  |                                    | 499527                 |    | 5441   |                           |    |       |
| 1                             | No. of cases under treatment carried forward from previous month |   |  |                                    | Cases (1.1)            |    |        | Other cases (1.2)         |    |       |
|                               |  |   |  |                                    | PB                     | MB | Total  | PB                        | MB | Total |
|                               |  | Male (Adult)                                      |  |                                    | 26                     | 8  | 34     | 1                         | 10 | 11    |
|                               |  | Female (Adult)                                    |  |                                    | 8                      | 40 | 48     | 0                         | 6  | 6     |
|                               |  | Girl Child  |  |                                    | 5                      | -  | 5      | -                         | -  | -     |
|                               |  | Male Child  |  |                                    | 4                      | 1  | 5      | -                         | -  | -     |
|                               |  | Total   |  |                                    | 43                     | 49 | 92     | 1                         | 16 | 17    |
| 2                             | No. of "New Leprosy Cases" detected in the reporting month       |   |  |                                    | During reporting month |    |        | Cumulative from 1st April |    |       |
|                               |  |   |  |                                    | PB                     | MB | Total  | PB                        | MB | Total |
|                               |  | Male (Adult)                                      |  |                                    | -                      | 1  | 1      | 26                        | 30 | 56    |
|                               |  | Female (Adult)                                    |  |                                    | 2                      | 3  | 5      | 18                        | 16 | 34    |
|                               |  | Girl Child  |  |                                    | 1                      | -  | 1      | 6                         | -  | 6     |
|                               |  | Male Child  |  |                                    | -                      | -  | -      | 5                         | 1  | 6     |
|                               |  | Total   |  |                                    | 3                      | 4  | 7      | 55                        | 47 | 102   |
|                               |  | Confirmation Out of RBSK referral among new cases |  |                                    | -                      | -  | -      | -                         | -  | -     |
|                               |  | Confirmation Out of CBAC referral among new cases |  |                                    | -                      | -  | -      | -                         | -  | -     |

| A   | B   | C                | D                          | E | F | G | H | I | J | K  |
|-----|---|------------------|----------------------------|---|---|---|---|---|---|----|
| 3.1 | Cases from other States among new leprosy cases             |                  |                            |   | - | - | - | - | - | -  |
| 3.2 | No. of cases voluntarily reported, out of new recorded      |                  |                            |   | 1 | 2 | 3 | 6 | 7 | 13 |
| 4.1 | Among new leprosy cases detected, number of deformity cases | Male Deformity   | Gr-I                       | - | 1 | 1 | - | 4 | 4 |    |
|     |   |                  | Gr-II                      | - | - | - | - | 1 | 1 |    |
|     |   | Female Deformity | Gr-I                       | - | - | - | - | - | - |    |
|     |   |                  | Gr-II                      | - | - | - | - | - | - |    |
|     |   | Child Deformity  | Gr-I                       | - | - | - | - | - | - |    |
|     |   |                  | Gr-II                      | - | - | - | - | - | - |    |
| 4.2 | Among new leprosy cases detected, number of                 | SC               | Male                       | - | - | - | 3 | 3 | 6 |    |
|     |   |                  | Female                     | - | 1 | 1 | 1 | 3 | 4 |    |
|     |   |                  | Child Cases                | - | - | - | 1 | - | 1 |    |
|     |   |                  | Male Gr.II Deformity Caes  | - | - | - | - | - | - |    |
|     |   |                  | Female G.II Deformity Caes | - | - | - | - | - | - |    |
|     |   |                  | Child Gr.II Deformity Caes | - | - | - | - | - | - |    |
|     |   | ST               | Male                       | - | - | - | 2 | 2 | 4 |    |
|     |   |                  | Female                     | - | - | - | 2 | 2 | 4 |    |
|     |   |                  | Child Cases                | - | - | - | - | - | - |    |
|     |   |                  | Male Gr.II Deformity Caes  | - | - | - | - | - | - |    |
|     |   |                  | Female G.II Deformity Caes | - | - | - | - | - | - |    |
|     |   |                  | Child Gr.II Deformity Caes | - | - | - | - | - | - |    |



# Filled MPR of a district

|   |  |   |                |   |   |    |    |    |     |
|---|--|---|----------------|---|---|----|----|----|-----|
| 5 | No. of leprosy cases reduced during the month (excluding other cases). | Release From Treatment (RFT)  | Male (Adult)   | 4 | 4 | 8  | 29 | 55 | 84  |
|   |  |   | Female (Adult) | 2 | 2 | 4  | 35 | 14 | 49  |
|   |  |   | Girl Child     | 1 | - | 1  | 10 | -  | 10  |
|   |  |   | Male Child     | - | - | -  | 8  | 2  | 10  |
|   |  |   | Total          | 7 | 6 | 13 | 82 | 71 | 153 |
|   |  | Informed migration / referred out for treatment to other state / District | Male (Adult)   | - | - | -  | 1  | 3  | 4   |
|   |  |   | Female (Adult) | - | - | -  | 1  | 1  | 2   |
|   |  |   | Girl Child     | - | - | -  | 1  | -  | 1   |
|   |  |   | Male Child     | - | - | -  | 1  | -  | 1   |
|   |  |   | Total          | - | - | -  | 4  | 4  | 8   |
|   |  | No. of cases left treatment and disappeared / non traceable               | Male (Adult)   | - | - | -  | 2  | 2  | 4   |
|   |  |   | Female (Adult) | - | - | -  | 1  | -  | 1   |
|   |  |   | Girl Child     | - | - | -  | -  | -  | -   |
|   |  |   | Male Child     | - | - | -  | -  | -  | -   |
|   |  |   | Total          | - | - | -  | 3  | 2  | 5   |
|   |  | No. of cases left treatment and disappeared / non traceable               | Male (Adult)   | - | - | -  | -  | -  | -   |
|   |  |   | Female (Adult) | - | - | -  | -  | 1  | 1   |
|   |  |   | Girl Child     | - | - | -  | -  | -  | -   |
|   |  |   | Male Child     | - | - | -  | 1  | -  | 1   |
|   |  |   | Total          | - | - | -  | 1  | 1  | 2   |
|   |  | Dead  | Male (Adult)   | - | - | -  | -  | -  | -   |
|   |  |   | Female (Adult) | - | - | -  | -  | -  | -   |
|   |  |   | Girl Child     | - | - | -  | -  | -  | -   |
|   |  |   | Male Child     | - | - | -  | -  | -  | -   |
|   |  |   | Total          | - | - | -  | -  | -  | -   |
|   |  | Any other   | Male (Adult)   | - | - | -  | -  | -  | -   |
|   |  |   | Female (Adult) | - | - | -  | -  | -  | -   |
|   |  |   | Girl Child     | - | - | -  | -  | -  | -   |
|   |  |   | Male Child     | - | - | -  | -  | -  | -   |
|   |  |   | Total          | - | - | -  | -  | -  | -   |

|    |  |  |                |    |    |    |    |    |     |   |
|----|--|--|----------------|----|----|----|----|----|-----|---|
| A  | B  | C  | D              | E  | F  | G  | H  | I  | J   | K |
|    |  |  |                |    |    |    |    |    |     |   |
| 6  | No. of leprosy cases under treatment at the end of the month (1.1 + 2 - 5)     | Any other  | Girl Child     | -  | -  | -  | -  | -  | -   | - |
|    |  |  | Male Child     | -  | -  | -  | -  | -  | -   | - |
|    |  |  | Total          | -  | -  | -  | -  | -  | -   | - |
|    |  | Total  | Male (Adult)   | 4  | 4  | 8  | 27 | 56 | 83  |   |
|    |  |  | Female (Adult) | 2  | 2  | 4  | 33 | 14 | 47  |   |
|    |  |  | Girl Child     | 1  | -  | 1  | 10 | -  | 10  |   |
|    |  |  | Male Child     | -  | -  | -  | 10 | 2  | 12  |   |
|    |  |  | Total          | 7  | 6  | 13 | 80 | 72 | 152 |   |
|    |  |  | Male (Adult)   | 22 | 5  | 27 | 22 | 5  | 27  |   |
|    |  |  | Female (Adult) | 8  | 41 | 49 | 8  | 41 | 49  |   |
| 7  | No. of 'Other cases' recorded and put under treatment.                         | (i) Relapse  | -              | -  | -  | -  | -  | -  | -   |   |
|    |  | (ii) Re-entered for treat.                                     | -              | -  | -  | -  | -  | 2  | 2   |   |
|    |  | (iii) Referred In-   | -              | -  | -  | -  | -  | 3  | 3   |   |
|    |  | (iv) Reclassified  | -              | -  | -  | -  | -  | -  | -   |   |
|    |  | Total  | -              | -  | -  | -  | -  | 5  | 5   |   |
| 8  | No. of 'Other cases' reduced from treatment                                    | Released From Treatment (RFT)                                  | 1              | 7  | 8  | 1  | 12 | 13 |     |   |
|    |  | Informed migration / referred out for treatment to other state | -              | -  | -  | -  | -  | -  | -   |   |
|    |  | No. of cases left treatment and disappeared / non traceable    | -              | -  | -  | -  | -  | -  | -   |   |
|    |  | Dead   | -              | -  | -  | -  | -  | -  | -   |   |
|    |  | Any other  | -              | -  | -  | -  | -  | -  | -   |   |
| 9  | Total No. of cases under treatment at the end of the reporting month ( 6 + 9 ) | Total  | 1              | 7  | 8  | 1  | 12 | 13 |     |   |
|    |  |  |                |    |    |    |    |    |     |   |
| 10 | No. of other cases under treatment at end of reporting month ( 1.2 + 7 - 8 )   |  | -              | 4  | 4  | -  | 4  | 4  |     |   |
|    |  |  |                |    |    |    |    |    |     |   |
| 11 | Total No. of cases under treatment at the end of the reporting month ( 6 + 9 ) |  | 39             | 51 | 90 | 39 | 51 | 90 |     |   |
|    |  |  |                |    |    |    |    |    |     |   |

## Drug Stock at the end of the reporting month (If required use extra sheets) :

| Blister Packs        | PHC / Urban Stock |             | District Store Stock |             | Total in the District |                   |                   |
|----------------------|-------------------|-------------|----------------------|-------------|-----------------------|-------------------|-------------------|
|                      | Qty.              | Expiry Date | Qty.                 | Expiry Date | Qty.                  | No. of UT patient | Patient month BCP |
| MB (A)               | 46                | Feb-21      | 136                  | Feb-21      | 182                   | 50                | 4                 |
| MB (C)               | 0                 | Aug-20      | 2                    | Aug-20      | 2                     | 1                 | 0                 |
| PB(A)                | 59                | JUNE-2021   | 32                   | JUNE-2021   | 91                    | 30                | 3                 |
| PB(C)                | 24                | JUNE-2021   | 3                    | JUNE-2021   | 27                    | 9                 | 3                 |
| Clofazimine (100 mg) | -                 | -           | 250                  | Aug-21      | 250                   |                   | 0                 |
| Clofazimine (50 mg)  | -                 | -           |                      |             | 0                     |                   |                   |





# Filled MPR of a district

## NLEP - Monthly Reporting Form

Page 2

District: Kanchipuram

Reporting Month/Year :MARCH-2021

| S.No | Reaction & Relapse   |                      | During the Month |    |       | Cumulative total from 1 <sup>st</sup> April till date |    |       |
|------|--|----------------------|------------------|----|-------|---|----|-------|
|      |  |                      | PB               | MB | Total | PB  | MB | Total |
| 1    | No. of new leprosy cases recorded                                |                      | 3                | 4  | 7     | 55  | 47 | 102   |
| 2    | No. of New reaction cases reported from RFT                      | Type - I             | 0                | 0  | 0     | 0   | 0  | 0     |
|      |  | Type - II            | 0                | 0  | 0     | 0   | 0  | 0     |
|      |  | Referred to district | 0                | 0  | 0     | 0   | 0  | 0     |
| 3    | No. of New reaction cases reported from those still in treatment | Type - I             | 0                | 0  | 0     | 0   | 2  | 2     |
|      |  | Type - II            | 0                | 0  | 0     | 0   | 0  | 0     |
|      |  | Referred to district | 0                | 0  | 0     | 0   | 0  | 0     |
| 4    | No. of relapse cases suspected and referred by PHCs              |                      | 0                | 0  | 0     | 0   | 0  | 0     |
| 5    | No. of relapse suspect tested & confirmed                        |                      | 0                | 0  | 0     | 0   | 0  | 0     |
| 6    | No. of relapse confirmed at District Hosp.                       |                      | 0                | 0  | 0     | 0   | 0  | 0     |

### DPMR activities

|    |   |       |    |   |   |     |   |   |
|----|---|-------|----|---|---|-----|---|---|
| 7  | No. of cases developed new disability after starting of MDT |       | 0  | 0 | 0 | 0   | 0 | 0 |
| 8  | No. of patients provided with MCR footwear                  |       | 46 |   |   | 451 |   |   |
| 9  | No. of patient provided with Self Care Kits                 |       | 79 |   |   | 707 |   |   |
| 10 | No. of patients fit for RCS                                 |       | 0  |   |   | 8   |   |   |
| 11 | No. of patient referred for RCS                             |       | 0  |   |   | 8   |   |   |
| 12 | No. of institutes providing RCS                             | Govt. | 1  |   |   | 1   |   |   |
|    |   | NGO   | 0  |   |   | 0   |   |   |
|    |   | Total | 1  |   |   | 1   |   |   |
| 13 | No. of patients - RCS done                                  | Govt. | 0  |   |   | 6   |   |   |
|    |   | NGO   | 0  |   |   | 0   |   |   |
|    |   | Total | 0  |   |   | 6   |   |   |
| 14 | Money paid for wages loss to RCS patient                    |       | 6  |   |   | 6   |   |   |

## NLEP - Monthly Reporting Form

Page 3

District :Kanchipuram

Reporting Month/Year :MARCH-2021

| Sl. No. | Contact Tracing                 |   | During reporting month | Cumulative from 1 <sup>st</sup> April |
|---------|---------------------------------|---|------------------------|---------------------------------------|
|         |                                 |   |                        |                                       |
| 1       | Post Exposure Prophylaxis (PEP) | No. of index leprosy cases                                  | 7                      | 102                                   |
|         |                                 | No. of contacts examined                                    | 79                     | 481                                   |
|         |                                 | No. of contact found eligible for PEP out of total examined | 66                     | 368                                   |
|         |                                 | No. of SDR administered                                     | 33                     | 255                                   |
| 2       | Focused Leprosy Campaign (FLC)  | Total G2D Cases detected in the district                    | 0                      | 0                                     |
|         |                                 | How many FLCs conducted (Villages /Wards)                   | 0                      | 15                                    |
|         |                                 | No of new cases detected during FLC                         | 0                      | 1                                     |

### ASHA contribution

|   |   |   |   |    |    |
|---|---|---|---|----|----|
| 3 | Regular Active Case Detection through ASHA / community volunteers | No. of ASHAs in the block   |   | 0  |    |
|   |   | No. of persons screened   |   | 0  | 0  |
|   |   | No. of presumptives identified & Referred   |   | 0  | 0  |
|   |   | No. of presumptives confirmed   |   | 0  | 0  |
|   |   | No of cases completed treatment through ASHAs   |   | 0  | 0  |
|   |   | No. of ASHA / volunteer paid incentives   |   | 0  | 0  |
| 4 | G2D Investigation   | Average Duration of delay (in weeks) among cases from time of noticing symptoms to seeking    |   | 0  | 0  |
|   |   | Reasons for delay in reporting, in cases investigated after noticing symptoms (in percentage) | Lack of information about the disease             | 0% | 0% |
|   |   |   | Non-availability of doctor at the health facility | 0  | 0  |
|   |   |   | Loss of wages                                     | 0% | 0% |
|   |   |   | Fear/ Stigma                                      | 0% | 0% |
|   |   |   | Financial constraints                             | 0% | 0% |
|   |   |   | Treated by multiple Practitioners                 | 0  | 0  |
|   |   |   | Treatment by faith healers                        | 0  | 0  |
|   |   |   | Any other(specify)                                | 0  | 0  |
|   |   |   | Neighbors   | 0% | 0% |
|   |   |   | Relatives/ Friends                                | 0% | 0% |
|   |   |   | News Clippings                                    | 0% | 0% |



# NLEP – District / Block wise information

Name of State/UT \_\_\_\_\_

| Sl. No. | Name of District | Estimated population March 2014 | Total new cases (2013 – 14) | ANCDR/100,000 | Total Grade – II disabled cases (2013- 14) | Percentage of Gr. II against new cases | Balance cases as on 31/3/2014 | PR/10,000 |
|---------|------------------|---------------------------------|-----------------------------|---------------|--|--|-------------------------------|-----------|
| 1       | 2                | 3                               | 4                           | 5             | 6  | 7                                      | 8                             | 9         |
| 1       |                  |                                 |                             |               |  |  |                               |           |
| 2       |                  |                                 |                             |               |  |  |                               |           |
| 3       |                  |                                 |                             |               |  |  |                               |           |
| 4       |                  |                                 |                             |               |  |  |                               |           |
| 5       |                  |                                 |                             |               |  |  |                               |           |
| 6       |                  |                                 |                             |               |  |  |                               |           |
| 7       |                  |                                 |                             |               |  |  |                               |           |
| 8       |                  |                                 |                             |               |  |  |                               |           |
| 9       |                  |                                 |                             |               |  |  |                               |           |
| 10      |                  |                                 |                             |               |  |  |                               |           |
| 11      |                  |                                 |                             |               |  |  |                               |           |
| 12      |                  |                                 |                             |               |  |  |                               |           |
| 13      |                  |                                 |                             |               |  |  |                               |           |
| 14      |                  |                                 |                             |               |  |  |                               |           |
| 15      |                  |                                 |                             |               |  |  |                               |           |
|         | Total            |                                 |                             |               |  |  |                               |           |

State Leprosy Officer \_\_\_\_\_

Name of State \_\_\_\_\_

| Sl. No. | Name of District | Sl. No. | Name of Block PHC | Estimated population of block, March 2014 | Total new cases (2013 – 14) | ANCDR/100,000 | Balance cases as on 31/3/2014 | PR/10,000 |
|---------|------------------|---------|-------------------|---|-----------------------------|---------------|-------------------------------|-----------|
| 1       | 2                | 3       | 4                 | 5   | 6                           | 7             | 8                             | 9         |
| 1       |                  |         |                   |   |                             |               |                               |           |
| 2       |                  |         |                   |   |                             |               |                               |           |
| 3       |                  |         |                   |   |                             |               |                               |           |
| 4       |                  |         |                   |   |                             |               |                               |           |
| 5       |                  |         |                   |   |                             |               |                               |           |
| 6       |                  |         |                   |   |                             |               |                               |           |
| 7       |                  |         |                   |   |                             |               |                               |           |
| 8       |                  |         |                   |   |                             |               |                               |           |
| 9       |                  |         |                   |   |                             |               |                               |           |
| 10      |                  |         |                   |   |                             |               |                               |           |
| 11      |                  |         |                   |   |                             |               |                               |           |
| 12      |                  |         |                   |   |                             |               |                               |           |
| 13      |                  |         |                   |   |                             |               |                               |           |
| 14      |                  |         |                   |   |                             |               |                               |           |
| 15      |                  |         |                   |   |                             |               |                               |           |
|         | Total            |         |                   |   |                             |               |                               |           |

State Leprosy Officer \_\_\_\_\_



# NLEP - Flow of reports

**MPR – PHC/Hospitals/NGO institutions**  
**4<sup>th</sup> of next month**

**Block PHC**  
**7<sup>th</sup> of next month**

**District Leprosy Cell (DLO office)**  
**12<sup>th</sup> of next month**

**State Leprosy Cell (SLO Office)**  
**20<sup>th</sup> of next month**

**Central Leprosy Division**  
**25<sup>th</sup> of next month**



# NLEP Records & Reports

- Maintenance of complete and accurate data with timely reporting is most essential element of a sound information system.
- Source for calculation of various indicators
- Monitoring the programme activities and programme outcome
- Providing good quality services
- Data quality – minimize the errors – cross verification
- Reliability of data – personnel involved – training
- Regular update of records
- Monitoring & Supervision

- Incomplete entry of patient card
- No follow up of Sensory & motor assessment
- Treatment register not completely updated
- Disability register not updated regularly
- Non availability

## MPR:

- Totalling errors
- Duplication errors
- Incomplete
- Timely reporting



# Epidemiological Indicators

## **A. Essential Indicators:**

1. Annual New Case detection Rate (ANCDR) per 100 000 population
2. Rate of new cases with Grade II disabilities per 10 00000 population per year
3. Treatment Completion Rate (TCR) as proxy to cure rate
4. Prevalence Rate (PR) per 10000 population

## **B. Additional Epidemiological Indicators:**

5. Proportion of Grade II disabilities among new cases
6. Proportion of females among new cases
7. Proportion of MB among new cases
8. Proportion of Child ( 0- 14 years) among new cases
9. Child rate per 100,000 population
10. Scheduled Caste New case detection Rate
11. Scheduled Tribe New case detection Rate

## **C. Quality of Service Indicators:**

12. Patient month Blister calendar pack stock
13. Absolute number of patients made RFT
14. Number of Relapse reported.
15. Proportion of cases who developed new or additional disability after starting MDT
16. Proportion of treatment defaulters
17. Proportion of new cases correctly diagnosed



# Annual New Case Detection Rate (ANCDR)

- Main indicator for monitoring NLEP
- Reflects the **burden of disease & transmission**
- **Case detection activity** – Active / Passive

## 1. Annual New Case Detection Rate (ANCDR)

**1. Definition:** is the rate at which new cases (never treated before) are detected in a defined geographical area (block, district) in a year (April-March)

**Calculation** = 
$$\frac{\text{Number of new leprosy cases detected in one year} \times 100,000}{\text{Total population of the area (as on 31}^{\text{st}} \text{ March)}}$$





# New cases with Grade II disability/Million

## 2. Rate of new cases with grade 2 disabilities per 10 00 000 population per year

**Definition:** is the rate at which new cases with disability grade 2 are detected in the defined geographical population (area) in a given year

**Calculation =** 
$$\frac{\text{Total new cases detected with Gr II disabilities} \times 10\,00\,000}{\text{Total Population of the area (as on 31st March)}}$$

- **Level of occurrence of disease** in the community.
- Used to estimate **under – detection of cases**
- DPMR activities – Measuring the impact on the need for physical and social rehabilitation; and promote collaboration with other sectors



# Treatment Completion Rate (TCR)

- Coverage & services of health system
- **Operational efficiency in case holding activities**

## 3. Treatment Completion Rate

**Definition:** is the rate of patients who complete their treatment on time as a proxy for cure rate. Cohort analysis of PB and MB cases are done separately.

**Calculation =**

PB TCR =  $\frac{\text{Number of new PB cases who completed MDT in 9 months} \times 100}{\text{Number of new PB cases who started MDT in a year}}$

MB TCR =  $\frac{\text{Number of new MB cases who completed MDT in 18 months} \times 100}{\text{Number of new MB cases who started MDT in a year}}$





# Treatment Completion Rate (TCR)

## Cohort analysis:

- PB TCR – started MDT in cohort of **1 year** back  
(Ex: for reporting year 2020 – 21, patients registered in 2019-20 is taken)
  
- MB TCR – started MDT in cohort of **2 years** back  
(Ex: for reporting year 2020 – 21, patients registered in 2018-19 is taken)
  
- TCR Gender - PB Male/Female and MB Male/Female
- TCR – Rural/Urban areas.



# Prevalence Rate (PR)

- Point prevalence as on 31<sup>st</sup> March every year
- **Magnitude of problem** – total cases registered & undergoing treatment at a point of time
- Assessing MDT requirement & reflects efficiency in patient management

## 4. Prevalence Rate

**Definition:** is the total number of leprosy cases on record/under treatment per 10,000 population at a given point of time in an area.

**Calculation** = 
$$\frac{\text{Total number of leprosy cases on record} \times 10,000}{\text{Total population of the area (as on March)}}$$



# Proportion of Grade II disability among new cases

- Widely used because it is visible and can be more reliably measured.
- Indication of **delay in diagnosis / Efficiency in case detection**

## 5. Proportion of Grade II disability among new cases

**Definition:** is the Proportion (%) of new leprosy patients with grade II disability among total new cases detected

**Calculation =** 
$$\frac{\text{No. of Grade II disabled cases detected in a year} \times 100}{\text{Total New case detected in a year}}$$



# Proportion of Female cases

## 6. Proportion of Female among new cases

**Definition:** is the proportion (%) of new female patients among total newly detected cases.

**Calculation =** 
$$\frac{\text{Number of new female patients} \times 100}{\text{Total no. of newly detected cases}}$$

➤ Adequate access to diagnostic services / health services



# Proportion of MB cases

- **Delay in detection** of leprosy cases & **high quantum of infection** in the community.
- Useful guide to know that the risk of complications

## 7. Proportion of Multibacillary (MB) among new cases

**Definition:** is the proportion (%) of new patients diagnosed as MB among newly detected cases

**Calculation =** 
$$\frac{\text{Number of new MB cases} \times 100}{\text{Total No. of newly detected cases}}$$



# Proportion of Child cases

## 8. Proportion of child among new cases

**Definition:** proportion (%) of new leprosy patients up to 14 years of age among newly detected patients.

**Calculation =** 
$$\frac{\text{Number. of child leprosy cases detected} \times 100}{\text{Total no. of newly detected leprosy cases}}$$

## 9. Child Rate per 100,000 population

**Definition:** The rate of new child leprosy cases (0-14 yrs of age) detected among the population of the area in a year

**Calculation =** 
$$\frac{\text{No. of new child cases (0-14 yrs) detected in a year} \times 100,000}{\text{Population of the area (as on March)}}$$

- Active and recent transmission of the disease.
- Proportion of children affected will also decrease, when transmission is decreasing in general population.
- Case detection – School surveys / RBSK



# SC/ST New Cases Detection Rate

## 10. Scheduled cast (SC) new cases detection Rate

**Definition:** Total number of new cases detected among the SC population in a given time in an area

**Calculation =** 
$$\frac{\text{Total number of SC cases newly detected} \times 10,000}{\text{Total SC population in an area}}$$

## 11. Scheduled Tribe(ST) new cases detection Rate

**Definition:** Total number of new ST cases detected among the ST population in given time in an area

**Calculation =** 
$$\frac{\text{Total number of ST cases newly detected} \times 10,000}{\text{Total ST population in an area}}$$





# Patients BCP stock

## 12. Patients month Blister calendar pack (BCP) stock

**Definition:** Stock of BCPs in months, according to the number of patients expected to be treated in the next quarter

**Calculation =** 
$$\frac{\text{Number of Blister Packs of each category [PB(A/C) MB(A/C)]}}{\text{No. of cases under treatment in each category [PB(A/C), MB(A/C)]}}$$





# RFT and Relapse

## 13. Absolute number of patients made RFT

**Definition:** Number of patients released from treatment during the year. The number should include both the new and the other cases treated in a year.

## 14. Number of Relapses reported.

**Definition:** No. of Relapse cases recorded in (& reported by) the PHC, District Hospitals, Medical colleges and other institutions in the district during the given time.

➤ **Relapse** – referral to higher centre for confirmation



# Disability after starting MDT

- Early detection of new nerve damage and quality of care being provided through program.

## 15. Proportion of cases with new disability after starting MDT

**Definition:** Proportion (%) of cases who developed new or additional disability after starting MDT (new disability includes new nerve damage or new secondary impairment)

**Calculation=** 
$$\frac{\text{No. of cases developed new or additional disability during treatment}}{100} \times \text{No. of cases put under MDT during the year}$$



# Proportion of defaulters

## Default rate:

$$\frac{\text{No. of cases who missed 3 or more pulses in PB and 6 or more pulses in MB} \times 100}{\text{No. of PB or MB cases put under MDT during the year}}$$

- **Case holding activities** of the health system
- Treatment Completion Rate assessment
- Reasons for default

- Female Gender
- MB disease
- Feeling cured
- Stigma
- Adverse effects of MDT
- Complications

- SE factors
- Loss of wages
- Migration
- lack of knowledge
- Distance from health facility



# Proportion of New cases correctly diagnosed

- Correct diagnosis of each leprosy patient is the highest criteria for best quality services
- Correctness of diagnosis be assessed through **regular supervision** by the District Nucleus component.
- **Health workers competency**

$$\% \text{ of New cases correctly diagnosed} = \frac{\text{No. of correctly diagnosed} \times 100}{\text{No. of New cases validated}}$$



# NLEP Key Indicators - India

| Financial year | Prevalence |            | New case detection |             | MB cases |      | Children |      | Female |      | G2D  |     |             |
|----------------|------------|------------|--------------------|-------------|----------|------|----------|------|--------|------|------|-----|-------------|
|                | Number     | Per 10,000 | Number             | Per 100,000 | No       | %    | No       | %    | No     | %    | No   | %   | Per million |
| 2008-09        | 86331      | 0.72       | 134184             | 11.2        | 64949    | 48.4 | 13610    | 10.1 | 47188  | 35.2 | 3763 | 2.8 | 3.1         |
| 2009-10        | 87190      | 0.71       | 133717             | 10.9        | 64782    | 48.4 | 13331    | 10.0 | 47361  | 35.4 | 4117 | 3.1 | 3.4         |
| 2010-11        | 83041      | 0.69       | 126800             | 10.5        | 61603    | 48.6 | 12463    | 9.8  | 45896  | 36.2 | 3927 | 3.1 | 3.2         |
| 2011-12        | 83687      | 0.68       | 127295             | 10.3        | 63562    | 49.9 | 12305    | 9.7  | 47111  | 37.0 | 3865 | 3.0 | 3.1         |
| 2012-13        | 91743      | 0.73       | 134752             | 10.8        | 67268    | 49.9 | 13387    | 9.9  | 50828  | 37.7 | 4650 | 3.5 | 3.7         |
| 2013-14        | 86147      | 0.68       | 126913             | 10.0        | 65337    | 51.5 | 12043    | 9.5  | 46845  | 36.9 | 5256 | 4.1 | 4.1         |
| 2014-15        | 88833      | 0.69       | 125785             | 9.7         | 66436    | 52.8 | 11365    | 9.0  | 46379  | 36.9 | 5794 | 4.6 | 4.5         |
| 2015-16        | 86028      | 0.66       | 127334             | 9.7         | 65595    | 51.3 | 11389    | 8.9  | 48808  | 38.3 | 5851 | 4.6 | 4.5         |
| 2016-17        | 88199      | 0.66       | 135485             | 10.2        | 67160    | 49.6 | 11770    | 8.7  | 53072  | 39.2 | 5245 | 3.9 | 3.9         |
| 2017-18        | 90709      | 0.67       | 126164             | 9.3         | 64187    | 50.9 | 10287    | 8.2  | 48821  | 38.7 | 4552 | 3.6 | 3.3         |
| 2018-19        | 85302      | 0.62       | 120334             | 8.7         | 62910    | 52.3 | 9227     | 7.7  | 46880  | 39.0 | 3666 | 3.0 | 2.6         |
| 2019-20        | 79898      | 0.57       | 114451             | 8.1         | 62119    | 54.2 | 7859     | 6.9  | 44877  | 39.2 | 2761 | 2.4 | 2.0         |

Source: Independent Evaluation of the Indian NLEP.WHO; Nov 2019 & WHO/WER/36,2020;95:417-440

CLTRI \_ Online training \_ DLO \_ Sep2021



| Summary of Data management in NLEP           |                              |                                |                  |                 |                    |
|--|------------------------------|--------------------------------|------------------|-----------------|--------------------|
| Indicator                                    | Source of data               | Reporting                      |                  | Frequency       |                    |
|  |                              | Level                          | Unit of analysis | Data collection | Analysis           |
| No. of new cases detected /ANCDR             | Treatment register<br>Census | PHC/Block<br>PHC               | Absolute No.     | Monthly         | Yearly / quarterly |
|  |                              | Dist./state/<br>national       | Rate             |                 |                    |
| Number of G2D cases / Rate per million popl. | Treatment register<br>Census | PHC<br>Dist/state/<br>national | Rate             | Monthly         | Yearly             |
| Treatment completion rate                    | Treatment register           | Dist/state/<br>national        | Rate             | Yearly          | Yearly             |
| Prevalence rate                              | Treatment register<br>Census | PHC<br>Dist/state/<br>national | No.<br><br>Rate  | Monthly         | Yearly             |



# Summary of Data management in NLEP

| Indicator                         | Source of data     | Reporting                       |                       | Frequency       |           |
|-----------------------------------|--------------------|---------------------------------|-----------------------|-----------------|-----------|
|                                   |                    | Level                           | Unit of analysis      | Data collection | Analysis  |
| Patient month BCP                 | MDT stock register | PHC<br>Dist./state/<br>national | No. of<br>BCP/patient | Monthly         | Quarterly |
| Absolute No. of patients made RFT | Treatment register | PHC<br>Dist/state/<br>national  | No.                   | Monthly         | Yearly    |
| Number of relapse reported        | Treatment register | PHC<br>Dist/state/<br>National  | No.                   | Monthly         | Yearly    |
| Number of defaulters              | Treatment register | PHC<br>Dist/state/<br>national  | No.<br>Rate           | Yearly          | Yearly    |

# NLEP – Annual Report



National Leprosy Eradication Programme

## NLEP ANNUAL REPORT 2019 - 2020

| S. No. | State/UT          | No. of Districts | New Cases Detected | ANCDR /100000 | Cases on record at the end of the month-Total | PR/1000 population | Percent age of MB Cases | Percent age of Female Cases | Child Cases | Percent age of Child Cases | New Cases-Deformity-Grade-II | Percent age of Deformity-Grade-II Cases | G2D/Million Population | Child-Deformity-Grade-II(among total deformity cases) | Percent age of child-Deformity-Grade-II cases |
|--------|-------------------|------------------|--------------------|---------------|---|--------------------|-------------------------|-----------------------------|-------------|----------------------------|------------------------------|---|------------------------|---|---|
| 1      | Andhra Pradesh    | 13               | 4685               | 8.63          | 2969  | 0.55               | 48.45                   | 43.78                       | 355         | 7.58                       | 129                          | 2.75                                    | 2.38                   | 2   | 0.56  |
| 2      | Arunachal Pradesh | 25               | 30                 | 1.76          | 32  | 0.19               | 76.67                   | 20.00                       | 1           | 3.33                       | 3                            | 10.00                                   | 1.76                   | 0   | 0.00  |
| 3      | Assam             | 27               | 850                | 2.37          | 902   | 0.25               | 83.76                   | 30.35                       | 67          | 7.68                       | 92                           | 10.82                                   | 2.56                   | 4   | 5.97  |
| 4      | Bihar             | 38               | 16595              | 13.07         | 9832  | 0.77               | 45.08                   | 39.34                       | 1694        | 10.21                      | 458                          | 2.76                                    | 3.61                   | 15  | 0.89  |
| 5      | Chhattisgarh      | 27               | 8905               | 29.65         | 6248  | 2.08               | 54.13                   | 40.79                       | 479         | 5.38                       | 309                          | 3.47                                    | 10.29                  | 5   | 1.04  |
| 6      | Goa               | 2                | 79                 | 5.05          | 88  | 0.56               | 96.20                   | 36.71                       | 8           | 10.13                      | 1                            | 1.27                                    | 0.64                   | 0   | 0.00  |
| 7      | Gujarat           | 33               | 4081               | 5.77          | 2566  | 0.36               | 57.12                   | 42.83                       | 209         | 5.12                       | 40                           | 0.98                                    | 0.57                   | 0   | 0.00  |
| 8      | Haryana           | 22               | 398                | 1.33          | 380   | 0.13               | 85.43                   | 21.61                       | 8           | 2.01                       | 6                            | 1.51                                    | 0.20                   | 0   | 0.00  |
| 9      | Himachal Pradesh  | 12               | 141                | 1.85          | 138   | 0.18               | 90.78                   | 22.70                       | 1           | 0.71                       | 13                           | 9.22                                    | 1.70                   | 0   | 0.00  |
| 10     | Jharkhand         | 24               | 6160               | 15.58         | 3880  | 0.98               | 49.87                   | 43.02                       | 440         | 7.14                       | 113                          | 1.83                                    | 2.86                   | 2   | 0.45  |
| 11     | Jammu & Kashmir   | 20               | 110                | 0.74          | 162   | 0.11               | 77.27                   | 20.00                       | 0           | 0.00                       | 1                            | 0.91                                    | 0.07                   | 0   | 0.00  |
| 12     | Karnataka         | 31               | 2724               | 3.63          | 2278  | 0.30               | 71.40                   | 38.55                       | 121         | 4.44                       | 68                           | 2.50                                    | 0.90                   | 2   | 1.65  |
| 13     | Kerala            | 14               | 675                | 1.94          | 810   | 0.23               | 70.67                   | 32.15                       | 52          | 7.70                       | 52                           | 7.70                                    | 1.49                   | 0   | 0.00  |
| 14     | Madhya Pradesh    | 51               | 8020               | 9.46          | 6796  | 0.80               | 62.61                   | 37.29                       | 292         | 3.64                       | 287                          | 3.58                                    | 3.38                   | 10  | 3.42  |
| 15     | Maharashtra       | 35               | 16572              | 12.91         | 10173   | 0.79               | 54.95                   | 46.02                       | 1358        | 8.19                       | 258                          | 1.56                                    | 2.01                   | 5   | 0.37  |
| 0      | Manipur           | 9                | 21                 | 0.66          | 29  | 0.09               | 61.90                   | 0.00                        | 0           | 0.00                       | 4                            | 19.05                                   | 1.26                   | 0   | 0.00  |
| 1      | Meghalaya         | 11               | 17                 | 0.46          | 17  | 0.05               | 88.24                   | 29.41                       | 1           | 5.88                       | 11                           | 64.71                                   | 2.97                   | 0   | 0.00  |
| 18     | Mizoram           | 9                | 5                  | 0.38          | 5   | 0.04               | 80.00                   | 0.00                        | 0           | 0.00                       | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 19     | Nagaland          | 11               | 36                 | 1.82          | 31  | 0.16               | 80.56                   | 16.67                       | 1           | 2.78                       | 1                            | 2.78                                    | 0.51                   | 0   | 0.00  |
| 20     | Odisha            | 31               | 10077              | 21.35         | 6845  | 1.45               | 48.80                   | 39.21                       | 681         | 6.76                       | 200                          | 1.98                                    | 4.24                   | 4   | 0.59  |
| 21     | Punjab            | 22               | 531                | 1.72          | 539   | 0.17               | 91.34                   | 22.22                       | 28          | 5.27                       | 18                           | 3.39                                    | 0.58                   | 3   | 10.71   |
| 22     | Rajasthan         | 33               | 1124               | 1.39          | 1157  | 0.14               | 96.35                   | 26.07                       | 19          | 1.69                       | 18                           | 1.60                                    | 0.22                   | 0   | 0.00  |
| 23     | Sikkim            | 4                | 19                 | 2.82          | 15  | 0.22               | 73.68                   | 36.84                       | 2           | 10.53                      | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 24     | Tamil Nadu        | 32               | 4252               | 5.17          | 3051  | 0.37               | 44.17                   | 37.79                       | 651         | 15.31                      | 106                          | 2.49                                    | 1.29                   | 1   | 0.15  |
| 25     | Telangana         | 33               | 4001               | 10.31         | 2340  | 0.60               | 55.61                   | 41.81                       | 230         | 5.75                       | 36                           | 0.90                                    | 0.93                   | 0   | 0.00  |
| 26     | Tripura           | 8                | 73                 | 1.28          | 28  | 0.05               | 84.93                   | 38.36                       | 1           | 1.37                       | 44                           | 60.27                                   | 7.70                   | 1   | 100.00  |
| 27     | Uttar Pradesh     | 75               | 15484              | 6.58          | 10091   | 0.43               | 45.61                   | 33.43                       | 528         | 3.41                       | 158                          | 1.02                                    | 0.67                   | 5   | 0.95  |
| 28     | Uttarakhand       | 13               | 320                | 2.70          | 259   | 0.22               | 72.81                   | 28.13                       | 12          | 3.75                       | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 29     | West Bengal       | 27               | 6208               | 6.04          | 5932  | 0.58               | 71.12                   | 37.87                       | 517         | 8.33                       | 65                           | 1.05                                    | 0.63                   | 1   | 0.19  |
| 30     | A & N Islands     | 3                | 20                 | 4.97          | 17  | 0.42               | 65.00                   | 25.00                       | 0           | 0.00                       | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 31     | Chandigarh        | 1                | 134                | 11.02         | 125   | 1.03               | 81.34                   | 26.12                       | 12          | 8.96                       | 6                            | 4.48                                    | 4.94                   | 1   | 8.33  |
| 32     | D & N Haveli      | 1                | 200                | 43.95         | 119   | 2.61               | 21.00                   | 50.50                       | 24          | 12.00                      | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 33     | Daman & Diu       | 2                | 29                 | 7.78          | 16  | 0.43               | 41.38                   | 34.48                       | 0           | 0.00                       | 1                            | 3.45                                    | 2.68                   | 0   | 0.00  |
| 34     | Delhi             | 11               | 1824               | 9.17          | 1971  | 0.99               | 87.45                   | 25.77                       | 58          | 3.18                       | 256                          | 14.04                                   | 12.88                  | 1   | 1.72  |
| 35     | Lakshadweep       | 1                | 0                  | 0.00          | 0   | 0.00               | 0.00                    | 0.00                        | 0           | 0.00                       | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 36     | Ladakh            | 2                | 2                  | 0.56          | 23  | 0.64               | 100.00                  | 0.00                        | 1           | 50.00                      | 0                            | 0.00                                    | 0.00                   | 0   | 0.00  |
| 37     | Puducherry        | 4                | 49                 | 3.16          | 34  | 0.22               | 44.90                   | 48.98                       | 8           | 16.33                      | 7                            | 14.29                                   | 4.51                   | 1   | 12.50   |
| Total  |                   | 717              | 114,451            | 8.13          | 79,898  | 0.57               | 54.28                   | 39.21                       | 7859        | 6.87                       | 2,761                        | 2.41                                    | 1.96                   | 63  | 0.80  |

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# “Nikusth”

## Leprosy Information System

- **Web based online monitoring system** – real time monitoring
- Patient tracking mechanism & management
- Database of leprosy affected persons, accessible for analysis and facilitate prompt action
- Better decision making to improve the accountability & effectiveness
- Better monitoring & evaluation

**www.leprosy.gov.in**



Sign in

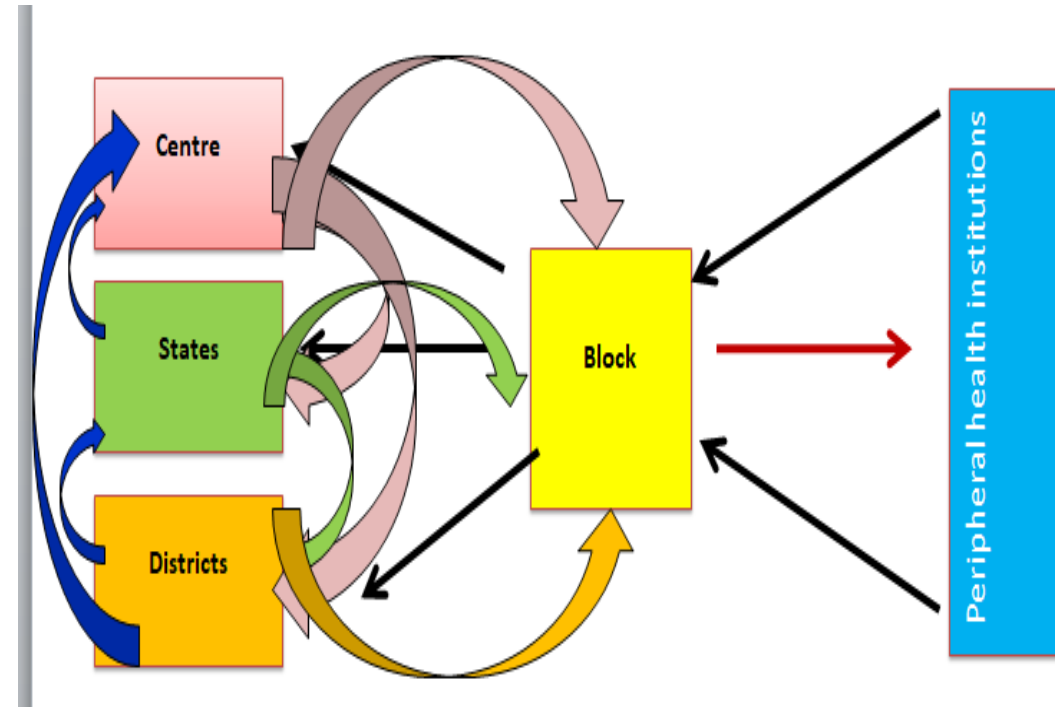
**c6qpKY**  

DHIS 2.0 platform



# Information flow & Feedback

- ✓ Patient cards filled at PHCs will be sent to block level for data entry
- ✓ **Data entry through the NHM system at block level – DEOs**
- ✓ Particular block will be able to visualize information of its own block
- ✓ District will be able to access information from all blocks under their administrative control
- ✓ State will be able to monitor data of the entire state
- **Unique user IDs & password – block/district/state level**



# Contents of the software

- Basic demographic details
- Signs, symptoms & classification

- Sensory assessment
- Lepra reactions & neuritis
- Transfer of patients

## “Nikusth”

- Contact tracing
- Treatment
- IEC

- DPMR activities
- LCDC
- MDT stock details



# Nikusth data entry

## Basic demographic details

- Name /age / sex
- Religion / Category
- Marital status / next of kin
- Education & occupation details
- Unique ID – Aaadhar / others
- Current & permanent address
- Contact numbers

➤ **Unique IDs for patients registered**

## Sensory assessment:

Disability status – Eyes/Hands/Feet

Sensory assessment – loss of sensation

Motor assessment

Visible deformity –

Clawing/drop/contracture/wound/crack/scar/  
callus/lagophthalmous

WHO Disability grading

EHF score

Follow up sensory assessment

Referral

Schedule new event for sensory assessment

## Signs & Symptoms:

Duration of symptoms – days/months/years

Skin patches with definite loss of sensation

Nodules/thickening or reddishness of skin

Evidence of peripheral nerve involvement

Number involved

Classification of disease – PB/MB

Any remarks

## Lepra reaction / Neuritis:

Lepra reaction – type

Neuritis

Prednisolone dose issued / date

Clofazimine dose issued / date

RCS referral / done – date

Self care kit recommended / issued – date

MCR recommended / issued – date

Referral – date / centre / reasons

## IEC:

Is patient aware of symptoms of leprosy

Source of information for leprosy symptoms

## Treatment:

Expected date of treatment completion

Treatment status – RFT / others  
RFT date

Treatment completed through  
ASHA

Follow up required for  
reaction, deformity, ulcer, eye  
care after RFT

## Contacts:

Contacts examined

Cases detected among  
examined contacts

Action taken –

Chemoprophylaxis,  
immunoprophylaxis, others

## **Two times data entry**

1. Initial Registration
2. RFT



# Key takeaways

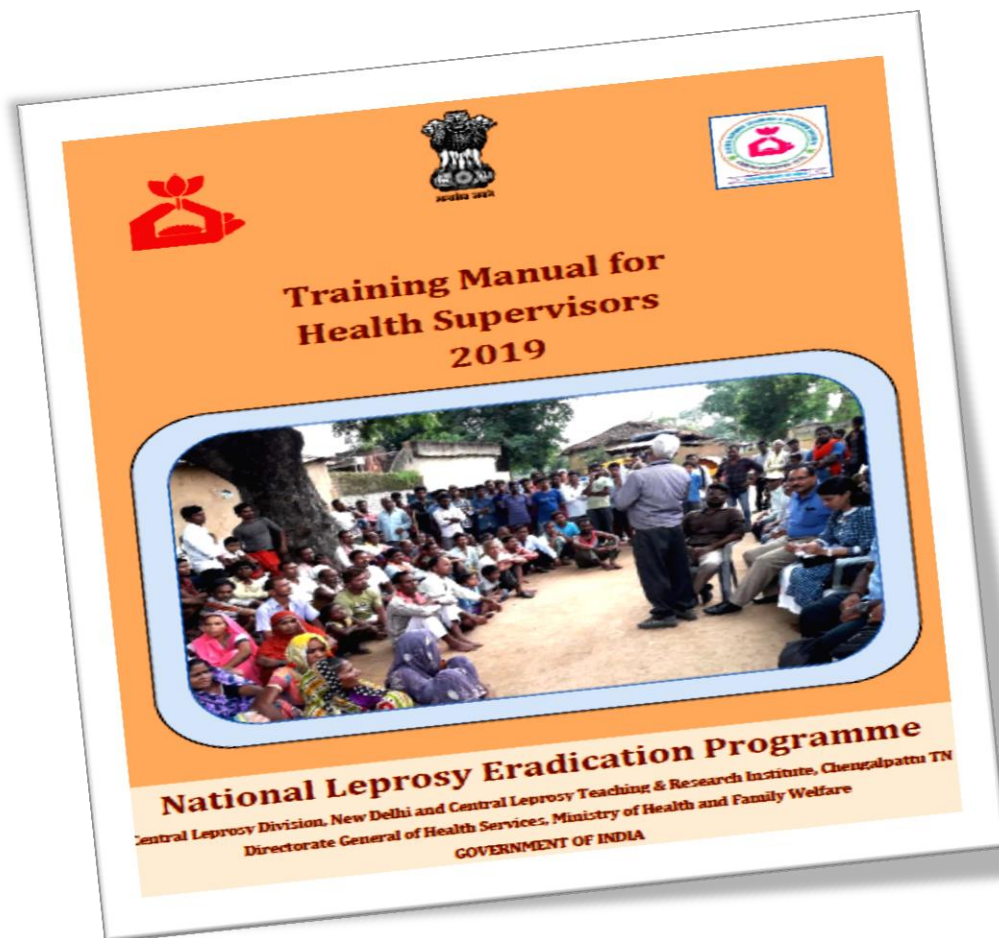
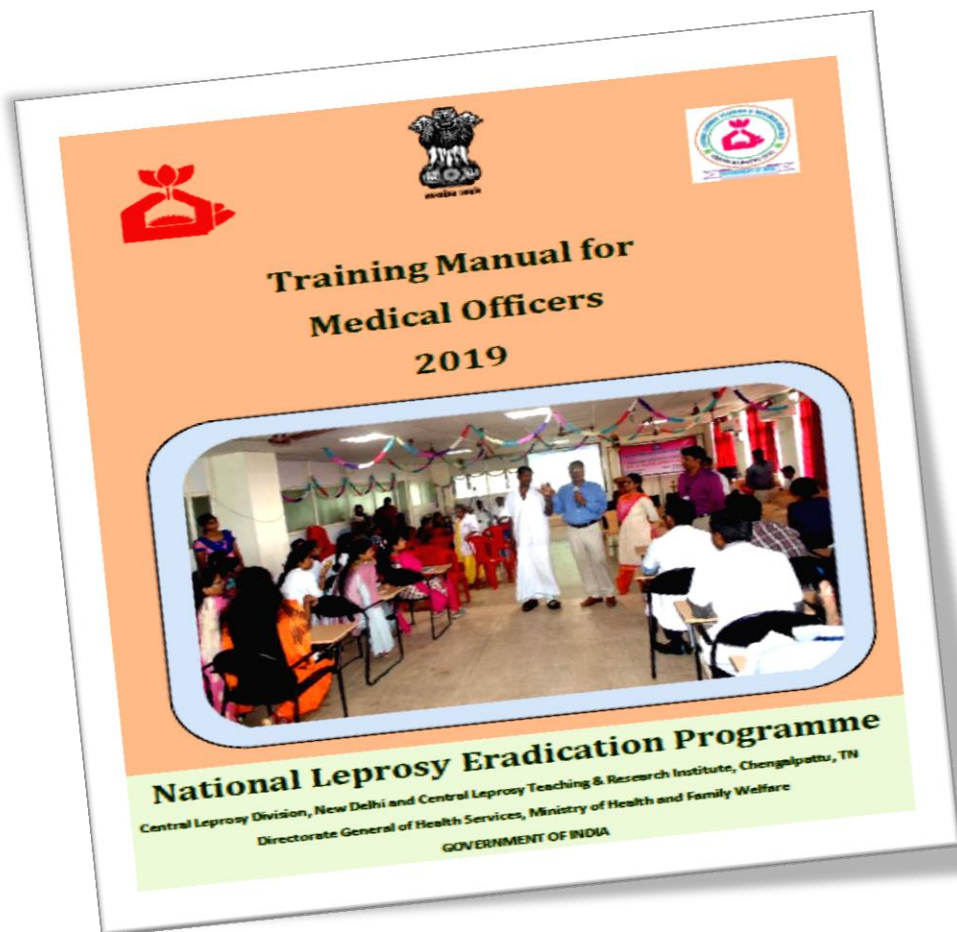
- NLEP Indicators & interpretation  
*ANCDR, Prevalence, Treatment completion rate, New cases with Grade 2 disability, MB/Female/child proportion*
- Tools for monitoring – Records & Reporting formats – **ULF**
- Maintaining data quality in NLEP
- “**Nikusth**” – Web based monitoring system for NLEP



**STAY SAFE  
&  
STAY HEALTHY**



# Training Manuals



Available @ [www.cltri.gov.in](http://www.cltri.gov.in)

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*"Leprosy work is not merely medical relief; it is transforming frustration of life in to joy of dedication, personal ambition into selfless service"*

*- Mahatma Gandhi*

Gandhiji with Leprosy patient



[www.cltri.gov.in](http://www.cltri.gov.in)

[www.nlep.nic.in](http://www.nlep.nic.in)

*Thank you*

