

APPENDICES

APPENDIX - I

Formulae used for calculating different rates of Leprosy as specified by DLO.

$$(1) \text{ Prevalence rate} = \frac{\text{Total cases}}{\text{Total census population}} \times 10,000$$

$$(2) \text{ Incidence rate} = \frac{\text{Number of new cases}}{\text{Total census population}} \times 10,000 \quad (\text{also for column 3a \& 3b})$$

$$(4) \text{ MB cases rate} = \frac{\text{New MB cases}}{\text{Total New cases detected}} \times 100 \quad (\text{For old (4a) \& New (4b)})$$

$$(5) \text{ MB Detection rate} = \frac{\text{MB detection}}{\text{Total detected}} \times 10,000 \quad (\text{For Adult (5a) \& Child(5b)})$$

$$(6) \text{ Childhood rate} = \frac{\text{Leprosy cases under 14 years of age}}{\text{Total cases}} \times 100 \quad (\text{For old (6a) \& New (6b)})$$

$$(7) \text{ Annual disease arrested rate} = \frac{\text{Number of disease arrested cases}}{\text{Cases under treatment}} \times 100$$

$$(8) \text{ Deformity rate} = \frac{\text{Deformed cases}}{\text{Total cases}} \times 100 \quad (\text{For Old (8a) \& (8b)})$$

$$(9) \text{ Lepromatous rate} = \frac{\text{Number of Lepromatous cases}}{\text{Total Cases}} \times 100$$

$$(10) \text{ Treatment Regularity rate} = \frac{\text{Regular Cases}}{\text{Total Cases}} \times 100$$

$$(11) \text{ Annual Defaulting rate} = \frac{\text{Number of defaulter cases}}{\text{Total cases under treatment}} \times 100$$

$$(12) \text{ Annual Relapse rate} = \frac{\text{Number of relapse cases from disease arrested}}{\text{Total disease arrested cases}} \times 100$$