

T.B. (क्षयरोग नियंत्रण कार्यक्रम)

$$\text{Case Detection Rate} = \frac{\text{Total No of Cases Register During Quarter}}{\text{Mid Year Population in Lakh}} * 4$$

$$\text{New Sputum +Ve Case Detected Rate} = \frac{\text{Total No of New Sputum Smear +Ve Case Register During Quarter}}{\text{Mid Year Population in Lakh}} * 4$$

$$\text{Case Detection Rate} = \frac{\text{Annul New Smear +Ve Case Detecton Rate}}{\text{Expected Case Detection Rate}} * 100$$

$$\text{Ratio of New Smear +Ve Cases To New Smear -ve} = \frac{\text{Total No of New Sputum Smear +Ve Case Register}}{\text{Total No of New Smear +Ve cases registered during Quarter}}$$

$$\text{+Ve Rate} = \frac{\text{No of Smear +ve Cases diagnosed}}{\text{Total No of Chest Symptomatic Examin for Sputum}} * 100$$

$$\text{Cure Rate} = \frac{\text{No of new Pulmonary Smear +ve Cases Curred}}{\text{No of New Smer +ve cases registered during quarter}} * 100$$

$$\text{Considered Rate} = \frac{\text{No of New Smear +ve Cases Converted to Smear -ve at 3 month of}}{\text{Total no of new smear +ve registered for quarter}} * 100$$

$$\text{Default Rte} = \frac{\text{No of new Smear +ve Cases Defaulted}}{\text{All registered new Smear +ve Cases for quarter}} * 100$$

$$\text{Failure Rate} = \frac{\text{No of Failure of New Pulmonary Smear +Ve Cases}}{\text{}} * 100$$