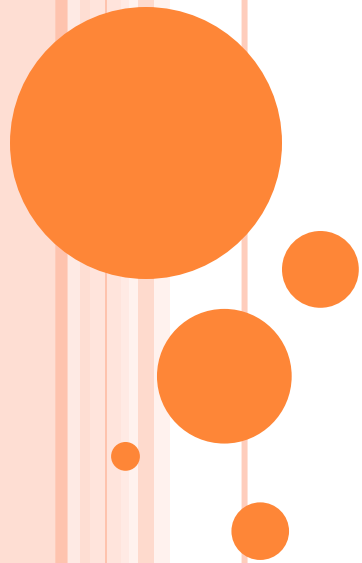


HOSPITAL STATISTICS



IMPORTANCE

1. To establish administrative control over functional activities.
2. To provide reports to the governing board, outside agencies etc.
3. To provide a basis for preparing operating budgets.
4. To provide a basis for the distribution of expenses when computing cost of operation.
5. To provide a basis for the calculation of average income and costs per unit of service rendered.
6. Realistic planning for the future is impossible without basic statistics.



7. To assess utilization of hospital facilities.

8. To provide data for the health intelligence to public health authorities. Hospital management requires statistical data which will provide quantitative information concerning the scope of activities within the hospital. It helps the administration to ascertain the increase or decrease in the volumes of work and the effective utilization of men and material.

Formulas for Hospital Statistics

Average Bed Occupancy =

$$\frac{\text{Average Bed Occupancy} \times 100}{\text{No of Beds}}$$

Percent(%) Bed Occupancy=

$$\frac{\text{Average Bed Occupancy} \times 100}{\text{No. of Beds}}$$

Bed Turnover Rate(approx)=

$$\frac{\text{Discharges} + \text{Deaths}}{\text{Total Beds}}$$

Average Admissions =

$$\frac{\text{Total Admissions}}{\text{No of days}}$$

Average Discharges =

$$\frac{\text{Total Discharges}}{\text{No of days}}$$

Average Deaths=

$$\frac{\text{Total Deaths}}{\text{No of days}}$$

Average New Old and Total OPD=

$$\frac{\text{New(Old)/ Total(OPD)}}{\text{Total Days}}$$

OPD to IPD Ratio =

$$\frac{\text{Total Admission X 100}}{\text{Total OPD}}$$



THANK YOU

