



Annexure 8- Statistical terms

1. Mean, or Average – Sum of all the observations ($X_1, X_2, X_3, X_4, X_5, \dots, X_N$) divided by the total number of observations (N)
2. Proportion or percentage – Percentage is a ratio or proportion multiplied by 100 and is a relative value expressed per hundred.
3. The weighted sum was used to calculate availability by therapeutic category as was used in another study
The percentage availability of drugs in a therapeutic family is calculated using the following formula

$$\sum \frac{n_i * 100}{M * N}$$

where

- n_i is the number of drugs within a particular category available at a hospital
- N is the total number of drugs in a particular category as mentioned in the survey form
- M is the total number of hospitals being surveyed