

FREQUENCY RATE

A question 'How often do injuries occur?' is replied by the frequency rate which is defined as the disabling (lost time) injuries per 106 man-hours worked.

$$F_1 = \frac{\text{No. of lost time injury} \times 10^6}{\text{Man hours worked}}$$

$$F_R = \frac{\text{No. of lost time injury} \times 10^6}{\text{Man hours worked}}$$

If the injury does not cause loss of time in the period in which it occurs but in a subsequent period the injury should be included in the frequency rate of the period in which the loss of time begins.

If an injury causes intermittent loss of time, it should only be included in the frequency rate once that is, when the first loss of time occurs.

Since frequency rate F, is based on the lost time injuries reportable to the statutory authorities, it may be used for official purposes only. In all other cases frequency rate F, should be used for comparison purposes.

In some country, the frequency coefficient (F) is determined by

$$F = \frac{\text{No. of injuries for a given period} \times 1000}{\text{Total Man – hours of exposure}}$$