

# Risk in epidemiology:



Ask Mish

- the probability of occurrence of a new case in a time period is called **RISK**.
- if the period of time you choose is lifetime then it is a lifetime risk.

risk = probability of incidence



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	Incidence	Risk
refer to	occurrence of new cases (rate)	probability of occurrence of new cases (rate)
among	all population	all population
time	period of time	period of time

# Epidemiology: determinants



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## DETERMINANTS: CAUSES & RISK FACTORS

	Causes	Risk Factors
refer to	personal habits & environmental factors	personal habits & environmental factors
action	DETERMINES	INCREASE the probability of
on:	the occurrence of disease	the occurrence of disease

# Determinants: analysis



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## 1. **Knowing** causes and risk F

-used to **prevent and control** disease by removing causes and risk F

## 2. **Not knowing** causes and risk F

-an **epidemiological study** is recommended to determine them