


Measures of Impact



⌘ Attributable Risk

⌘ Attributable Risk Percent (%)

⌘ Population Attributable Risk

⌘ Population Attributable Risk Percent (%)

Relative Risk – Odds Ratio



- ⌘ The Odds Ratio and Relative Risk tells us whether a factor is associated with developing disease.
- ⌘ These statistics do not tell us anything about how much of the disease in the community is due to a factor/exposure or whether the exposure causes the outcome

Example



- ⌘ The risk of a kidney failure is 19 times greater comparing persons who ever used versus never used heroin.
- ⌘ In contrast, among persons who drink >2 drinks a day the risk of kidney failure 4 times greater than among non-drinkers.
- ⌘ This does not tell us the relative public health impact (on kidney failure) of getting everyone to quit drinking alcohol versus getting everyone to stop using heroin.