

Out of a population of

Warning
Fictional data

1,000,000
children

990,000
got vaccinated

9,900
had a reaction

99
died

therefore ...

**Probability of dying
if you DO take the vaccine:**

0.01%

(roughly 1 out of
every 10,000 children
who were inoculated)

10,000
didn't get vaccinated

200
got smallpox

40
died

therefore ...

**Probability of dying
if you DON'T take the vaccine:**

0.4%

(roughly 1 out of
every 250 children
who weren't inoculated)