

Vector $\Rightarrow$ An animal (insect) that transfers diseases from person to person

HIV

$\hookrightarrow$ Human Immunodeficiency Virus

$\downarrow$
Immune system
(white blood cells)

AIDS

$\hookrightarrow$ Acquired Immune Deficiency Syndrome

Correlations - HIV

Diseases may be correlated (linked) by having one disease you are more likely to get another.

- HIV damages the immune system (resulting in AIDS) and so you are more likely to catch other pathogens.
- A disease could damage your natural barriers to disease, so other pathogens can get in more easily.
- A disease could stop an organ system from working properly, making diseases more unlikely.

Correlation

$\hookrightarrow$ Link between 2 sets of data

Not all corr.