

*MEASUREMENTS
OF HEALTH
STATUS*

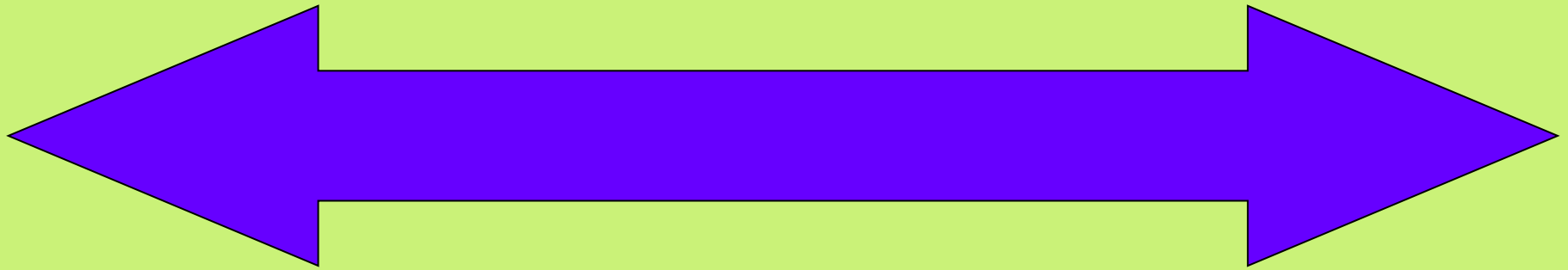
HEALTH STATUS

Health Status is our overall level of health, taking into account the 'balance' between each of the three components of health.

This could be referring to individuals, populations groups or whole countries.

HEALTH CONTINUUM

A person's health status is not static and can vary during a lifetime as a result of genetic, environmental or lifestyle choices.



Illness

Negative

Wellness

Positive

MEASURING HEALTH STATUS

- Information is collected on:

MEASURING HEALTH STATUS

- Information is collected on:
 - Illness
 - Disease
 - Cause of death
 - Rates of death
 - Cause of disability
 - Rates of disability
 - Use of medical services
 - Use of health resources

MORTALITY/MORBIDITY

- Mortality refers to the number of deaths in a population caused by a particular disease, illness or other environmental factor.
- Morbidity refers to health conditions that reduce quality of life.

MORTALITY DATA

Life Expectancy (LE)

- An indication of how long a person can expect to live, it is the number of years of life remaining to a person at a particular age if death rates do not change (AIHW, 2008)

Health Adjusted Life Expectancy (HALE)

- The number of years lived without reduced functioning due to ill health

Under 5 Mortality Rate

- Measures the number of deaths of children dying during the first five years of life.

Years of Life Lost (YLL)

- Measures how many years of expected life are lost due to premature death.

MORBIDITY DATA

Prevalence

- Refers to the total number or proportion of people experiencing a condition at a specified time. For example, in total how many people had Type 2 Diabetes in 2006.

Incidence

- Refers to the number of new cases during a specified time. For example how many new cases of Type 2 Diabetes were diagnosed in 2006.

Years Lost due to Disability (YLD)

- Measures how many years of health life lost as a result of non-fatal health conditions.

BURDEN OF DISEASE

- When trying to determine the overall health status of a country, it is useful to establish what the burden of disease for that country is.
- Burden of disease means how much disease or illness there is in a country and what the effects on it people are in terms of quality of life and life expectancy.
- A statistical measure of the burden of disease is the Disability Adjusted Life Year, or the DALY.

DISABILITY ADJUSTED LIFE YEAR

- The DALY is a statistical measure of life expectancy based on the amount of healthy life an individual is likely to lose due to disability brought about by a particular illness, disease, injury or premature death.
- The DALY for a particular disease or illness is the sum of the years of life lost (YLL) due to premature death, and the equivalent healthy years lost (YLD) due to disability.

$$DALY = YLL + YLD$$

TIME TO TEST YOUR
UNDERSTANDING....

Complete activity 1.4
(p.9) - Burden of
Disease