

COVID 19 Further Information

Burden of Disease* is the visible (symptomatic) portion which allows a calculation of mortality. This must be an over estimate because

- the largest portion 'iceberg-like' is sub clinical. Children show more, or less, vulnerability than adults across a range of infections. Clinical disease for COVID 19 is evident less often in children because of a milder form of infection.

This also results in lower numbers being tested for infection

** School closure is only worthwhile if it will reduce the Burden* We hear much about modelling for the spread of an infection - up to 80%

Q. Why not 100%? In order for the virus to sustain its transmission it must have close proximity to new uninfected hosts.....i.e. close packed enough**

The Public Health Strategy Contain, Delay, Research, Mitigate, must release the biggest effort only when it will achieve a flattening of the peak of new case numbers over a 12 week period

Too early – health care service becomes exhausted

Too late – health care resources and actions may be overwhelmed by demands and weakened by sickness in Healthcare workers -

Leading to a disintegration of the Health Service

Post COBRA 2nd March Scientists interviewed Radio 4

DRH 4th March 2020