

Why measure Influenza Burden of Disease (BoD)

Measuring influenza BoD



SUPPORTS
the development of
public health policy
for influenza
prevention & control



COMMUNICATES
disease severity



STRENGTHENS
surveillance
systems



EXPANDS
knowledge and
identifies possible
risk groups



PREPARES
for possible
pandemic

National influenza BoD estimates



1. **PRIORITISE** the allocation of resources
2. **EVALUATE** existing influenza prevention and control strategies



3. **INFORM** treatment guidelines
4. **SUPPORT** decisions on vaccine introduction and expansion

Factors to consider

Data from higher
risk groups

Study Methodology

Different population groups
assessed in each study

Data from high, middle and
low-income countries

People facing multiple
illnesses

As well as all influenza cases and patients:



DEATHS



HOSPITALIZATION



SICK (At Home)



**UNAWARE OF
BEING INFECTED**

Measuring the global influenza BoD

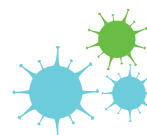
is a **COMPLEX PROCESS** and faces uncertainties due to:



A **LACK** of reported BoD
at the country level



The **DIVERSITY** of data
sources & systems



The **UNPREDICTABILITY**
of virus strains



WHO's role in measuring influenza BoD

1. **PROVIDE GUIDANCE** to Member States
2. **GATHER COMPARABLE DATA** and triangulating methods
3. **MAP EXISTING KNOWLEDGE** from literature reviews, unpublished data and consultations
4. **USE INTERNATIONAL EXPERTISE** to join results

