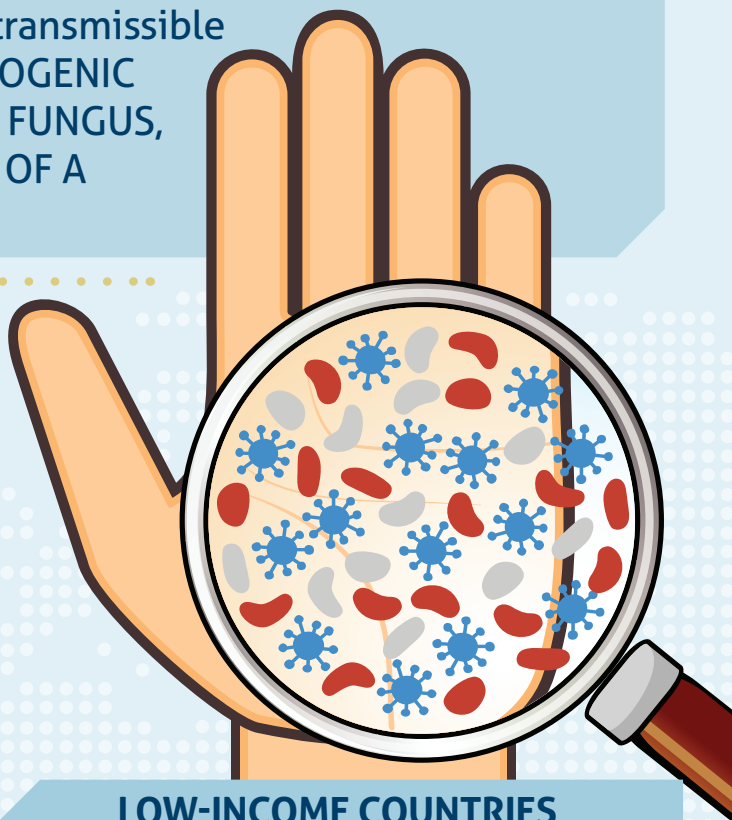


# A Global View of Infectious Disease

INFECTIOUS DISEASES are clinically evident transmissible or communicable diseases caused by a PATHOGENIC BIOLOGICAL AGENT — such as a BACTERIUM, FUNGUS, VIRUS, OR PARASITE — that enters the BODY OF A HOST ORGANISM AND MULTIPLIES.<sup>1</sup>



## THE IMPACT OF INFECTIOUS DISEASES WORLDWIDE »

INFECTIOUS DISEASES are the **2ND** LEADING CAUSE of DEATH WORLDWIDE after heart disease & are RESPONSIBLE for MORE DEATHS ANNUALLY THAN CANCER<sup>2</sup>

INFECTIOUS DISEASES CAUSE EACH YEAR<sup>2</sup>:

**16.2%** of GLOBAL DEATHS



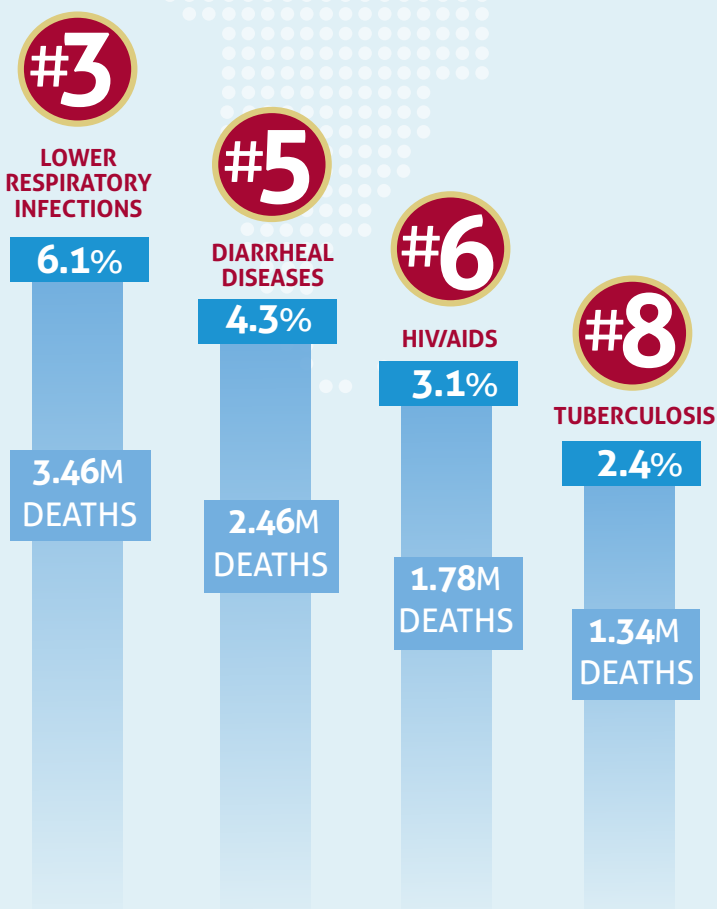
**2/3** of ALL DEATHS AMONG CHILDREN YOUNGER THAN AGE **FIVE**<sup>3</sup>



LOW-INCOME COUNTRIES are most SEVERELY AFFECTED BY INFECTIOUS DISEASES

LEADING CAUSES OF DEATH BY BROAD INCOME GROUP<sup>5</sup> » (2008; All Ages, Global)

## TOP CAUSES OF DEATH DUE TO INFECTIOUS DISEASE WORLDWIDE<sup>4</sup> »



LOW-INCOME COUNTRIES

**38%**

Infectious diseases accounted for 6 out of top 10 causes of death

11%

Lower respiratory infections

8%

Diarrheal diseases

8%

HIV/AIDS

5%

Malaria

3%

Tuberculosis

2.5%

Neonatal infections

MIDDLE-INCOME COUNTRIES

**24%**

Infectious diseases accounted for 5 out of top 10 causes of death

7%

COPD\*

5%

Lower respiratory infections

4%

Diarrheal diseases

2.7%

HIV/AIDS

2.4%

Tuberculosis

\*Chronic obstructive pulmonary disease

HIGH-INCOME COUNTRIES

**4%**

Infectious diseases accounted for 1 out of top 10 causes of death

3.8%

COPD\*

\*Chronic obstructive pulmonary disease

SOURCES:

<sup>1</sup>Merriam-Webster Medical Dictionary on MedlinePlus

<sup>2</sup>WHO, www.bcm.edu/molvir/id

<sup>3</sup>NIH-www.nih.gov/about/discovery/infectious\_diseases/

<sup>4</sup>World Health Organization, 2008 updated June 2011

<sup>5</sup>http://who.int/mediacentre/factsheets/fs310/en/index4.html