

Additional File 1. Globally Important Human Pathogens

Infectious causes of death per year per 100,000 population (estimated for the year 2,000)

Total	Developed nations	Developing nations	Disease	Primary Organisms			
98.6	35.3	63.3	Respiratory infections	Haemophilus influenzae, Staphylococcus aureus, Mycoplasma pneumoniae, Chlamydia trachomatis, Bordetella pertussis, Streptococcus pneumoniae, Chlamydomphila pneumoniae		Human adenovirus	Human respiratory syncytial virus, Human parainfluenza viruses 1 and 3, Influenza A Virus, Influenza B Virus
45.6	0.5	45.1	Diarrhoeal diseases	Vibrio cholerae, Shigella dysenteriae, Salmonella typhi, Escherichia coli, Campylobacter, Clostridium difficile, Listeria monocytogenes, Salmonella enteritidis, Norwalk virus, rotavirus	Cryptosporidium parvum, Cyclospora cayetanensis, Giardia intestinalis, Encephalitozoon intestinalis, Entamoeba histolytica	Norwalk Virus	Rotavirus
44.2	2.7	41.5	Tuberculosis	Mycobacterium tuberculosis			
33.5	9.1	24.4	HIV	Human immunodeficiency virus 1, Human immunodeficiency virus 2			
17.1	-	17.1	Measles	Measles Virus			
14.9	-	14.9	Malaria ¹⁰⁰	Plasmodium falciparum, Plasmodium vivax			
7.7	-	7.7	Tetanus	Clostridium tetani			
5.5	-	5.5	Pertussis	Bordetella pertussis			
3.3	-	3.3	Syphilis	Treponema pallidum			
3.0	0.8	2.3	Bacterial meningitis ¹⁰¹	Streptococcus pneumoniae, Neisseria meningitidis, Haemophilus influenzae			
1.8	0.3	1.4	Hepatitis B & C	Hepatitis C Virus		Hepatitis B Virus	
0.6	-	0.6	Trypanosomiasis ¹⁰²	Trypanosoma brucei gambiense, Trypanosoma brucei rhodesiense			
0.5	-	0.5	Leishmaniasis ¹⁰³	Leishmania tropica, Leishmania donovani, Leishmania mexicana venezuelensis, Leishmania garnhami, Leishmania pifanoi, Leishmania braziliensis, Leishmania peruviana, Leishmania colombiensis, Leishmania lainsoni, Leishmania shawi, Leishmania naiffi, Leishmania guyanensis, Leishmania panamensis, Leishmania chagasi			
0.4	-	0.4	Otitis media ¹⁰⁴	Haemophilus influenzae, Streptococcus pneumoniae, Streptococcus pyogenes, Moraxella catarrhalis			
0.4	-	0.4	Poliomyelitis	Poliovirus			
0.3	-	0.3	Chagas disease ¹⁰²	Trypanosoma cruzi			