

WHO NTDs and G-FINDER NDs

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A comparison of WHO neglected tropical diseases (NTDs) and G-FINDER neglected diseases (NDs)

G-FINDER and the WHO use different criteria for the inclusion and exclusion of neglected diseases. The WHO approach focuses on morbidity, mortality and geographical distribution of a disease in tropical and subtropical conditions. The criteria applied by G-FINDER rely on the income level of endemic regions, the existence of product gaps and the absence of market incentives. The WHO NTDs list includes a diverse group of 21 conditions, some of which align with the scope of G-FINDER, as outlined in the table below.

Disease	G-FINDER	Year of inclusion in G-FINDER	WHO NTD ¹
HIV/AIDS	Restricted	FY2007	
Malaria			
P. falciparum	~	FY2007	
P. vivax	v	FY2007	
Tuberculosis	v	FY2007	
Diarrhoeal diseases			
Rotavirus	Restricted	FY2007	
Shigella	Restricted	FY2007	
Cholera	Restricted	FY2007	
Cryptosporidiosis	Restricted	FY2007	
Enterotoxigenic <i>E. coli</i> (ETEC)	v	FY2007	
Enteroaggregative E. coli (EAEC)	v	FY2007	
Giardiasis	~	FY2007	
Kinetoplastids			
Chagas' disease	~	FY2007	~
Leishmaniasis	~	FY2007	~
Sleeping sickness (HAT)	~	FY2007	~

WHO NTD and G-FINDER ND comparison table

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Disease	G-FINDER	Year of inclusion in G-FINDER	WHO NTD ¹
Helminth infections			
Soil-transmitted helminthiases			~
Roundworm (ascariasis)	~	FY2007	~
Hookworm (ancylostomiasis & necatoriasis)	~	FY2007	~
Whipworm (trichuriasis)	~	FY2007	~
Strongyloidiasis & other intestinal roundworms	~	FY2007	~
Lymphatic filariasis (elephantiasis)	~	FY2007	~
Onchocerciasis (river blindness)	~	FY2007	~
Schistosomiasis (bilharziasis)	~	FY2007	~
Tapeworm (taeniasis / cysticercosis)	~	FY2007	v
Dracunculiasis (guinea-worm disease)			~
Echinococcosis			~
Foodborne trematodiases			~
Dengue	~	FY2007	~
Bacterial pneumonia & meningitis			
S. pneumoniae	Restricted	FY2007	
N. meningitidis	Restricted	FY2007	
Salmonellosis			
Non-typhoidal S. enterica (NTS)	~	FY2007	
Typhoid and paratyphoid fever (S. typhi, S. paratyphi A)	~	FY2007	
Hepatitis B	Restricted	FY2018	
Hepatitis C	Restricted	FY2013	
Leprosy	~	FY2007	~
Trachoma	~	FY2007	~
Cryptococcal meningitis	~	FY2012	
Buruli ulcer	~	FY2007	~
Leptospirosis	Restricted	FY2007	
Rheumatic fever	~	FY2007	
Mycetoma	~	FY2018	~
Snakebite envenoming	Restricted	FY2018	~

Disease	G-FINDER	Year of inclusion in G-FINDER	WHO NTD ¹
Histoplasmosis	¥	FY2020	
Scabies	Restricted	FY2020	~
Yaws (endemic treponematoses)	Restricted	FY2022	v
Chromoblastomycosis and other deep mycoses			~
Rabies			v
Other ectoparasites			v
Noma			~
Chikungunya			✓ ²

¹ World Health Organization Neglected tropical diseases [Internet]. Geneva, Switzerland: World Health Organization [cited 5 April 2024]. Available from: <u>https://www.who.int/health-topics/neglected-tropical-diseases.</u>

² The WHO neglected tropical diseases list includes Chikungunya, which G-FINDER classifies as an emerging infectious disease rather than a neglected disease. Funding for Chikungunya R&D is collected alongside the neglected diseases in the G-FINDER survey, but is analysed and reported separately along with other emerging infectious diseases.

Restricted denotes a category where only some investments are included in the G-FINDER scope, as outlined in the <u>G-FINDER neglected disease R&D scope document</u>.