

Supplementary Table S1: Mapping of disease categories

Broad groups	WHO GHE Code	GHE Cause name*
Communicable, maternal, perinatal and nutritional conditions	I.A. Infectious and parasitic diseases	(1-12): Tuberculosis; STDs excluding HIV; HIV/AIDS; Diarrhoeal diseases; Childhood-cluster diseases; Meningitis; Encephalitis; Hepatitis; Parasitic and vector diseases; Intestinal nematode infections; Leprosy; Other infectious diseases
	I.B. Respiratory Infectious	(1-3): Lower respiratory infections; Upper respiratory infections; Otitis media
	I.C. Maternal conditions	
	I.D. Neonatal conditions	(1-4): Preterm birth complications; Birth asphyxia and birth trauma; Neonatal sepsis and infections; Other neonatal conditions
	I.E. Nutritional deficiencies	(1-5): Protein-energy malnutrition; Iodine deficiency; Vitamin A deficiency; Iron-deficiency anaemia; Other nutritional deficiencies
Neoplasms	II.A. Malignant neoplasms	(1-24): Mouth and oropharynx cancers; Oesophagus cancer; Stomach cancer; Colon and rectum cancers; Liver cancer; Pancreas cancer; Trachea, bronchus, lung cancers; Melanoma and other skin cancers; Breast cancer; Cervix uteri cancer; Corpus uteri; cancer; Ovary cancer; Prostate cancer; Testicular cancer; Kidney cancer; Bladder cancer; Brain and nervous system cancers; Gallbladder and biliary tract cancer; Larynx cancer; Thyroid cancer; Mesothelioma; Lymphomas, multiple myeloma; Leukaemia; Other malignant neoplasms
	II.B. Other neoplasms	
Diabetes	II.C. Diabetes mellitus	
Cardiovascular diseases	II. H. Cardiovascular diseases	(1-6): Rheumatic heart disease; Hypertensive heart disease; Ischaemic heart disease; Stroke; Cardiomyopathy, myocarditis, endocarditis; Other circulatory diseases
Respiratory diseases	II.I. Respiratory diseases	(1-3): Chronic obstructive pulmonary disease; Asthma; Other respiratory diseases
Other NCDs and Injuries	II.D. Endocrine, blood, immune disorders	(1-4): Thalassaemias; Sickle cell disorders and trait; Other haemoglobinopathies and haemolytic anaemias; Other endocrine, blood and immune disorders
	II.E. Mental and substance use disorders	(1-11): Depressive disorders; Bipolar disorder; Schizophrenia; Alcohol use disorders; Drug use disorders; Anxiety disorders; Eating disorders; Autism and Asperger syndrome; Childhood behavioural disorders; Idiopathic intellectual disability; Other mental and behavioural disorders
	II.F. Neurological conditions	(1-7): Alzheimer disease and other dementias; Parkinson disease; Epilepsy; Multiple sclerosis; Migraine; Non-migraine headache; Other neurological conditions
	II. J. Digestive diseases	(1-9): Peptic ulcer disease; Cirrhosis of the liver; Appendicitis; Gastritis and duodenitis; Paralytic ileus and intestinal obstruction; Inflammatory bowel disease; Gallbladder and biliary diseases; Pancreatitis; Other digestive diseases
	II.K. Genitourinary diseases	(1-6): Kidney diseases; Benign prostatic hyperplasia; Urolithiasis; Other urinary diseases; Infertility; Gynecological diseases
	II.L. Skin diseases	
	II.M. Musculoskeletal diseases	(1-5): Rheumatoid arthritis; Osteoarthritis; Gout; Back and neck pain; Other musculoskeletal disorders
	II.N. Congenital anomalies	(1-6): Neural tube defects; Cleft lip and cleft palate; Down syndrome; Congenital heart anomalies; Other chromosomal anomalies; Other congenital anomalies
	II.O: Oral conditions	
	II.P. Sudden infant death syndrome	
	III.A. Unintentional injuries	(1-8): Road injury; Poisonings; Falls; Fire, heat and hot substances; Drowning Exposure to mechanical forces; Natural disasters; Other unintentional injuries
	III.B. Intentional injuries	(1-3): Self-harm; Interpersonal violence; Collective violence and legal intervention

Note: * See Annex Table A in: World Health Organization. (2018). WHO methods and data sources for global burden of disease estimates 2000-2016. *Global Health Estimates Technical Paper WHO/HIS/IER/GHE/2018.4*, WHO, Geneva.