

Additional File 1:Table S1. GBD and NIH Merged Disease Categories

GBD Categories	NIH Research Disease Categories 2006-2007	NIH Research Disease Categories 2008-2014	NIH Research Disease Categories 2014-2017
Age-Related Macular Degeneration	Macular Degeneration	Macular Degeneration	Macular Degeneration
Alcohol use disorders	Alcoholism	Alcoholism, Alcohol Use and Health 1/	Alcoholism, Alcohol Use and Health 1/
Alzheimer's disease and other dementias	Alzheimer's Disease	Alzheimer's Disease	Alzheimer's Disease (2014); Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD) 2/ (2015-2017)
Arthritis_NEW	Arthritis	Arthritis	Arthritis
Asthma	Asthma	Asthma	Asthma
Attention-deficit/hyperactivity disorder	Attention Deficit Disorder (ADD)	Attention Deficit Disorder (ADD)	Attention Deficit Disorder (ADD)
Autism spectrum disorders	Autism	Autism	Autism
Brain and nervous system cancer	Brain Cancer	Brain Cancer	Brain Cancer
Breast cancer	Breast Cancer	Breast Cancer	Breast Cancer
Cervical cancer	Cervical Cancer	Cervical Cancer	Cervical Cancer
Chronic obstructive pulmonary disease	Chronic Obstructive Pulmonary Disease	Chronic Obstructive Pulmonary Disease	Chronic Obstructive Pulmonary Disease
Cirrhosis and other chronic liver diseases	Chronic Liver Disease and Cirrhosis	Chronic Liver Disease and Cirrhosis	Chronic Liver Disease and Cirrhosis
Colon and rectum cancer	Colo-Rectal Cancer	Colo-Rectal Cancer	Colo-Rectal Cancer
Depressive disorders	Depression	Depression	Depression
Diabetes mellitus	Diabetes	Diabetes 4/	Diabetes 4/
Drug use disorders	Drug Abuse (NIDA only)	Drug Abuse (NIDA Only) 5/	Drug Abuse (NIDA Only) 5/
Epilepsy	Epilepsy	Epilepsy	Epilepsy
HIV/AIDS	HIV/AIDS 114	HIV/AIDS 9/	HIV/AIDS 9/
Hypertensive heart disease	Hypertension	Hypertension	Hypertension
Hodgkin Lymphoma	Hodgkin's Disease	Hodgkin's Disease	Hodgkin's Disease
Inflammatory Bowel Disease	Inflammatory Bowel Disease	Inflammatory Bowel Disease	Inflammatory Bowel Disease
Injuries	Injury (total) Accidents/Adverse Effects	Injury (total) Accidents/Adverse Effects	Injury (total) Accidents/Adverse Effects
Ischemic heart disease	Heart Disease: Coronary Heart Disease	Heart Disease - Coronary Heart Disease	Heart Disease - Coronary Heart Disease
Liver cancer	Liver Cancer	Liver Cancer	Liver Cancer
Multiple sclerosis	Multiple Sclerosis	Multiple Sclerosis	Multiple Sclerosis
Neonatal disorders	Perinatal Period, Conditions Originating in Perinatal Period	Perinatal Period - Conditions Originating in Perinatal Period	Perinatal Period - Conditions Originating in Perinatal Period
Oral disorders	Dental/Oral and Craniofacial Disease	Dental/Oral and Craniofacial Disease	Dental/Oral and Craniofacial Disease
Ovarian cancer	Ovarian Cancer	Ovarian Cancer	Ovarian Cancer
Parkinson's disease	Parkinson's Disease	Parkinson's Disease	Parkinson's Disease
Polycystic Ovarian Syndrome	Polycystic Kidney Disease	Polycystic Kidney Disease	Polycystic Kidney Disease
Prostate cancer	Prostate Cancer	Prostate Cancer	Prostate Cancer
Schizophrenia	Schizophrenia	Schizophrenia	Schizophrenia
Self-harm	Suicide	Suicide	Suicide
Sexually transmitted infections excluding HIV	Sexually Transmitted Diseases/Herpes	Sexually Transmitted Diseases/Herpes	Sexually Transmitted Diseases/Herpes
Stroke_NEW	Stroke	Stroke	Stroke
Tracheal, bronchus, and lung cancer	Lung Cancer	Lung Cancer	Lung Cancer
Tuberculosis	Tuberculosis	Tuberculosis	Tuberculosis
Uterine cancer	Uterine Cancer	Uterine Cancer	Uterine Cancer

Individual Disease Categories Collapsed to match GBD or NIH

Arthritis. ‘Osteoarthritis’ and ‘Rheumatoid arthritis’ (GBD) were summed to match “Arthritis” (RCDC)

Stroke. ‘Stroke’ and ‘Ischemic Stroke’ and ‘intracerebral hemorrhage’ and ‘subarachnoid hemorrhage’ (GBD) were summed to match ‘Stroke’ (RCDC)

Alzheimer's Disease and Related Dementias (RCDC). 'Alzheimer's Disease' (RCDC 2006-20014) and 'Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD) 2/' (RCDC 2015-2017) were used to match 'Alzheimer's disease and other Dementias' (GBD)