

## APPENDIX

**Table A1.** Standard life expectancy table. Adapted from World Health Organization (21).

Sex			Sex			Sex		
Age	Males	Females	Age	Males	Females	Age	Males	Females
0	80,00	82,50	34	46,55	49,36	68	15,15	17,90
1	79,36	81,84	35	45,57	48,38	69	14,36	17,05
2	78,36	80,87	36	44,58	47,41	70	13,58	16,20
3	77,37	79,90	37	43,60	46,44	71	12,89	15,42
4	76,38	78,92	38	42,61	45,47	72	12,21	14,63
5	75,38	77,95	39	41,63	44,50	73	11,53	13,85
6	74,39	76,96	40	40,64	43,53	74	10,85	13,06
7	73,39	75,97	41	39,67	42,57	75	10,17	12,28
8	72,39	74,97	42	38,69	41,61	76	9,62	11,60
9	71,40	73,98	43	37,72	40,64	77	9,08	10,93
10	70,40	72,99	44	36,74	39,68	78	8,53	10,25
11	69,40	72,00	45	35,77	38,72	79	7,99	9,58
12	68,41	71,00	46	34,81	37,77	80	7,45	8,90
13	67,41	70,01	47	33,86	36,83	81	7,01	8,36
14	66,41	69,01	48	32,90	35,88	82	6,56	7,83
15	65,41	68,02	49	31,95	34,94	83	6,12	7,29
16	64,42	67,03	50	30,99	33,99	84	5,68	6,76
17	63,42	66,04	51	30,06	33,07	85	5,24	6,22
18	62,43	65,06	52	29,12	32,14	86	4,90	5,83
19	61,43	64,07	53	28,19	31,22	87	4,56	5,43
20	60,44	63,08	54	27,26	30,29	88	4,22	5,04
21	59,44	62,10	55	26,32	29,37	89	3,88	4,64
22	58,45	61,12	56	25,42	28,46	90	3,54	4,25
23	57,46	60,13	57	24,52	27,55	91	3,30	3,98
24	56,46	59,15	58	23,61	26,65	92	3,05	3,71
25	55,47	58,17	59	22,71	25,74	93	2,80	3,43
26	54,48	57,19	60	21,81	24,83	94	2,56	3,16
27	53,49	56,21	61	20,95	23,95	95	2,31	2,89
28	52,50	55,23	62	20,09	23,07	96	2,14	2,71
29	51,50	54,25	63	19,22	22,20	97	1,97	2,53
30	50,51	53,27	64	18,36	21,32	98	1,80	2,36
31	49,52	52,29	65	17,50	20,44	99	1,63	2,18
32	48,53	51,31	66	16,71	19,59	100	1,46	2,00
33	47,54	50,34	67	15,93	18,74			

**Table A2.** Average disability weights (ADW) for diseases and conditions including cancers and injuries. Adapted from World Health Organization<sup>8</sup> (25,29).

Disease/Sequela	ADW	Disease/Sequela	ADW
<b>Diseases and conditions except cancers and injuries</b>			
TUBERCULOSIS		DIARRHOEAL DISEASES	
Cases	0.271	Diarrhoeal diseases - episodes	0.105
SYPHILIS		PERTUSSIS	
Congenital syphilis	0.315	Episodes	0.137
Primary	0.015	Encephalopathy	0.452
Secondary	0.048		
Tertiary - Neurologic	0.283	POLIOMYELITIS	
		Poliomyelitis - Cases - lameness	0.369
CHLAMYDIA			
Ophthalmia neonatorum	0.180	DIPHTHERIA	
Cervicitis	0.049	Episodes	0.231
Neonatal pneumonia	0.280	Neurological complications	0.078
Pelvic inflammatory disease	0.329	Myocarditis	0.323
Ectopic pregnancy	0.549		
Tubo-ovarian abscess	0.548	MEASLES - EPISODES	
Chronic pelvic pain	0.122	Measles - Episodes	0.152
Infertility	0.180		
Symptomatic urethritis	0.067	TETANUS	
Epididymitis	0.167	Episodes	0.638
GONORRHOEA		BACTERIAL MENINGITIS,	
Ophthalmia neonatorum	0.180	MENINGOCOCCAEMIA	
Corneal scar - Blindness	0.600	Streptococcus pneumoniae - Episodes	0.615
Corneal scar - Low vision	0.233	Haemophilus influenzae - Episodes	0.616
Cervicitis	0.049	Neisseria meningitidis - Episodes	0.615
		Meningococcaemia without	0.152
Pelvic inflammatory disease	0.169	meningitis - Episodes	
Ectopic pregnancy	0.549	Deafness	0.229
Tubo-ovarian abscess	0.548	Seizure disorder	0.100
Chronic pelvic pain	0.122	Motor deficit	0.381
Infertility	0.180	Mental retardation	0.459
Symptomatic urethritis	0.067		
Epididymitis	0.167	HEPATITIS B AND HEPATITIS C	
Stricture	0.151	Hepatitis B - Episodes	0.075
		Hepatitis C - Episodes	0.075
HIV			
Cases	0.135	MALARIA	
AIDS cases not on ART	0.505	Episodes	0.191
AIDS cases on ART	0.167	Anaemia	0.012
		Neurological sequelae	0.471

<sup>8</sup> Only average disability weights are given in this table. Many of sequelae varies with age, and many varies also with treatment. For details please see special WHO document available on the Internet (25), and a special WHO web page on the Internet (20,26).

**Table A2.** Cont.

<b>Disease/Sequela</b>	<b>ADW</b>	<b>Disease/Sequela</b>	<b>ADW</b>
TRYPANOSOMIASIS		Cotemporaneous cognitive deficit	0.006
Episodes	0.350	Cognitive impairment	0.463
		Intestinal obstruction	0.024
CHAGAS DISEASE			
Infection	0.000	TRICHURIASIS	
Cardiomyopathy without congestive heart failure	0.062	High intensity infection	0.000
Cardiomyopathy with congestive heart failure	0.270	Cotemporaneous cognitive deficit	0.006
Megaviscera	0.240	Massive dysentery syndrome	0.116
		Cognitive impairment	0.024
SCHISTOSOMIASIS		HOOKWORM DISEASE - ANCYLOSTOMIASIS AND NECATORIASIS	
Infection	0.005	High intensity infection	0.006
Advanced renal disease	0.104	Anaemia	0.024
Advanced hepatic disease	0.104	Cognitive impairment	0.024
LEISHMANIASIS			
Visceral	0.243	LOWER RESPIRATORY INFECTIONS	
Cutaneous	0.023	Episodes	0.279
		Chronic sequelae	0.099
LYMPHATIC FILARIASIS		UPPER RESPIRATORY INFECTIONS	
Hydrocele >15 cm	0.073	Episodes	0.000
Bancroftian lymphoedema	0.106	Pharyngitis	0.070
Brugian lymphoedema	0.116		
ONCHOCERCIASIS		OTITIS MEDIA	
Blindness	0.594	Episodes	0.023
Itching	0.068	Deafness	0.229
Low vision	0.170		
LEPROSY		MATERNAL HAEMORRHAGE	
Cases	0.000	Episodes	0.000
Disabling leprosy	0.152	Severe anaemia	0.093
DENGUE			
Dengue fever	0.197	MATERNAL SEPSIS	
Dengue haemorrhagic fever	0.545	Episodes	0.000
		Infertility	0.180
JAPANESE ENCEPHALITIS		HYPERTENSIVE DISORDERS OF PREGNANCY	
Episodes	0.616	Episodes	0.000
Cognitive impairment	0.468		
Neurological sequelae	0.379		
TRACHOMA		OBSTRUCTED LABOUR	
Blindness	0.581	Episodes	0.000
Low Vision	0.170	Stress incontinence	0.025
		Rectovaginal fistula	0.430
ASCARIASIS			
High intensity infection	0.000		

Table A2. Cont.

Disease/Sequela	ADW	Disease/Sequela	ADW
ABORTION		UNIPOLAR DEPRESSION	
Episodes	0.000	DISORDERD	
Infertility	0.180	Mild depressive episode	0.140
Reproductive tract infection	0.067	Moderate depressive episode	0.350
		Severe depressive episode	0.760
OTHER MATERNAL		Dysthymia	0.140
CONDITIONS			
Stress incontinence	0.025	BIPOLAR DISORDER	
		Cases	0.367
LOW BIRTH WEIGHT - ALL			
SEQUELAE		SCHIZOPHRENIA	
All sequelae	0.106	Cases	0.528
BIRTH ASPHYXIA AND BIRTH			
TRAUMA -		EPILEPSY	
All sequelae	0.372	Cases	0.113
PROTEIN-ENERGY		ALCOHOL USE DISORDERS	
MALNUTRITION		Cases	0.134
Wasting	0.053		
Stunting	0.002	ALZHEIMER AND OTHER	
Developmental disability	0.024	DEMENTIAS	
		Cases	0.666
IODINE DEFICIENCY			
Total goitre rate (G1 + G2)	0.000	PARKINSON DISEASE	
Mild developmental disability	0.006	Cases	0.351
Cretinoidism	0.255		
Cretinism	0.804	MULTIPLE SCLEROSIS	
		Cases	0.411
VITAMIN A DEFICIENCY			
Xerophthalmia	0.000	DRUG USE DISORDERS	
Corneal scar	0.277	Cases	0.252
IRON-DEFICIENCY ANAEMIA			
Mild	0.000	POST-TRAUMATIC STRESS	
Moderate	0.011	DISORDER	
Severe	0.090	Cases	0.105
Very severe	0.249		
Cognitive impairment	0.024	OBSESSIVE-COMPULSIVE	
		DISORDERS	
DIABETES MELLITUS		Cases	0.127
Cases	0.015		
Diabetic foot	0.133	PANIC DISORDER	
Neuropathy	0.072	Cases	0.165
Retinopathy - Blindness	0.552		
Amputation	0.102	INSOMNIA (PRIMARY)	
		Cases	0.100
		MIGRAINE	
		Cases	0.029

**Table A2.** Cont.

<b>Disease/Sequela</b>	<b>ADW</b>	<b>Disease/Sequela</b>	<b>ADW</b>
MILD MENTAL RETARDATION		APPENDICITIS	
ATTRIBUTABLE TO LEAD		Episodes	0.463
EXPOSURE			
Cases	0.361	NEPHRITIS AND NEPHROSIS	
		Acute glomerulonephritis	0.091
GLAUCOMA		End-stage renal disease	0.098
Low vision	0.170		
Blindness	0.600	BENIGN PROSTATIC HYPERTROPHY	
		Symptomatic cases	0.038
CATARACTS			
Low vision	0.170	SKIN DISEASES	
Blindness	0.570	Cases	0.056
HEARING LOSS, ADULT ONSET		RHEUMATOID ARTHRITIS	
Mild	0.000	Cases	0.199
Moderate, untreated	0.120		
Severe or profound, untreated	0.333	OSTEOARTHRITIS	
		Hip	0.126
RHEUMATIC HEART DISEASE		Knee	0.129
Cases	0.253		
		GOUT	
HYPERTENSIVE HEART		Cases	0.132
DISEASE			
Cases	0.246		
		LOW BACK PAIN	
ISCHAEMIC HEART DISEASE		Episode of limiting low back pain	0.061
Acute myocardial infarction	0.439	Episode of intervertebral disc	0.061
Angina pectoris	0.124	displacement or herniation	
Congestive heart failure	0.201	Chronic intervertebral disc	0.121
CEREBROVASCULAR DISEASE		CONGENITAL ANOMALIES	
First-ever stroke	0.920	Abdominal wall defect - Cases	0.850
Long-term stroke survivors	0.266	Anencephaly - Cases	0.850
		Anorectal atresia - Cases	0.850
INFLAMMATORY HEART		Cleft lip - Cases	0.050
DISEASES		Cleft palate - Cases	0.103
All sequelae	0.252	Oesophageal atresia - Cases	0.850
		Renal agenesis - Cases	0.850
COPD		Down syndrome - Cases	0.593
Mild and moderate symptomatic	0.170	Congenital heart anomalies - Cases	0.323
cases			
Severe symptomatic cases	0.530	Spina bifida - Cases	0.593
ASTHMA		DENTAL DISEASES	
Cases	0.043	Dental caries - Cases	0.081
		Periodontal disease - Cases	0.001
PEPTIC ULCER		Edentulism - Cases	0.025
Cases not treated with antibiotic	0.042		
CIRRHOSIS OF THE LIVER			



Table A2. Cont.

Disease/Sequela	ADW	Disease/Sequela	ADW
<b>Malignant neoplasms</b>			
CANCERS (SITES)		Corpus uteri	0.081
Mouth and oropharynx	0.118	Ovary	0.084
Oesophagus	0.217	Prostate	0.124
Stomach	0.217	Bladder	0.086
Colon and rectum	0.217	Lymphomas and multiple myeloma	0.073
Liver	0.239	Leukaemia	0.098
Pancreas	0.269		
Trachea, bronchus and lung	0.146	CANCERS - METASTASIS	0.750
Melanoma and other skin	0.045	STAGE (ALL SITES)	
Breast	0.078		
Cervix uteri	0.071	CANCERS TERMINAL (ALL SITES)	0.809
<b>Injuries</b>			
POISONING		INTERNAL INJURIES	
Short term	0.609	Short term	0.208
FRACTURES		OPEN WOUND	
Skull - Short term	0.431	Short term	0.108
Skull - Long term	0.384		
Face bones	0.223	INJURY TO EYES	
Vertebral column	0.266	Short term	0.108
		Long term	0.354
INJURED SPINAL CORD			
Injured spinal cord	0.725	AMPUTATIONS	
		Thumb	0.165
FRACTURES		Finger	0.102
Rib or sternum	0.199	Arm	0.308
Pelvis	0.247	Toe	0.102
Clavicle, scapula, or humerus	0.153	Foot	0.300
Radius or ulna	0.180	Leg	0.300
Hand bones	0.100		
Femur - Short term	0.372	CRUSHING	
Femur - Long term	0.272	Short term	0.218
Patella, tibia, or fibula	0.271		
Ankle	0.196	BURNS	
Foot bones	0.077	<20% - Short term	0.156
		<20% - Long term	0.002
DISLOCATIONS		>20% and <60% - Short term	0.469
Dislocated shoulder, elbow, or hip	0.074	>20% and <60% - Long term	0.255
Other dislocation	0.074	>60% - Short term	0.469
		>60% - Long term	0.255
SPRAINS			
Short term	0.064	INJURED NERVES	
		Short term	0.078
INTRACRANIAL INJURY		Long term	0.078
Short term	0.359		
Long term	0.359		