

Supplementary Table 1: Impairments of body functions

Impairment of body functions	US Population			UK Population (Manchaiah et al., 2018)		
	PQ	LEQ	Total	PQ	LEQ	Total
b1252: Activity level	0	1	1	0	0	0
b1260: Extraversion	0	0	0	1	0	1
b126: Temperament and personality functions	1	56	57	6	5	11
b1263: Psychic stability	14	1	15	8	7	15
b1265: Optimism	1	3	4	2	1	3
b1266: Confidence	2	0	2	5	3	8
b1300: Energy level	11	2	13	23	20	43
b1301: Motivation	3	0	3	1	2	3
b1302: Appetite	1	0	1	3	1	4
b134: Sleep functions	66	44	110	71	94	165
b1340: Amount of sleep	0	8	8	0	1	1
b1341: Onset of sleep	39	8	47	5	13	18
b1342: Maintenance of sleep	14	2	16	1	1	2
b1343: Quality of sleep	2	5	7	0	0	0
b1348: Sleep functions, other specified	0	9	9	0	0	0
b140: Attention functions	95	43	138	12	22	34
b1400: Sustaining attention	3	20	23	38	45	83
b144: Memory functions	0	1	1	0	1	1
b1448: Memory functions, other specified	0	1	1	0	0	0
b152: Emotional functions	54	145	199	108	94	202
b160: Thought functions	0	0	0	15	8	23
b164: Higher-level cognitive functions	2	0	2	0	0	0
b1640: Abstraction	1	0	1	0	0	0
b210: Seeing functions	0	1	1	0	0	0
b230: Hearing functions	30	19	49	36	37	73

b2300: Sound detection	14	1	15	0	0	0
b2301: Sound discrimination	6	5	11	1	3	4
b2302: Localisation of sound source	0	0	0	0	3	3
b2304: Speech discrimination	0	0	0	0	1	1
b2308: Hearing functions, other specified	12	0	12	0	0	0
b2351: Vestibular function of balance	3	0	3	1	1	2
b240: Sensations associated with hearing and vestibular function	0	0	0	2	0	2
b2400: Ringing in ears or tinnitus	10	45	55	0	0	0
b2401: Dizziness	0	3	3	1	1	2
b2403: Nausea associated with dizziness or vertigo	0	0	0	1	1	2
b2405: Aural pressure	0	0	0	0	1	1
b280: Sensation of pain	2	2	4	2	1	3
b28010: Pain in head and neck	8	15	23	1	9	10
b310: Voice functions	0	1	1	0	0	0
b330: Fluency and rhythm of speech functions	0	1	1	0	0	0
b398: Voice and speech functions, other specified	1	2	3	0	0	0
b4500: Production of airway mucus	0	1	1	0	0	0
b4552: Fatiguability	0	18	18	0	0	0
b5102: Chewing	0	1	1	0	0	0
b530: Weight maintenance functions	0	1	1	0	0	0
b640: Sexual functions	1	1	2	1	1	2
b730: Muscle power functions	1	0	1	1	1	2
b740: Muscle endurance functions	0	0	0	1	0	1
b6702: Discomfort associated with menopause	0	1	1	0	0	0
Total	397	467	864	347	378	725

Supplementary Table 2: Activity limitations and participation restrictions

Activity limitations and participation restrictions	US Population			UK Population (Manchaiah et al., 2018)		
	PQ	LEQ	Total	PQ	LEQ	Total
d110: Watching	0	0	0	1	1	2
d115: Listening	71	28	99	19	17	36
d130: Copying	0	1	1	0	1	1
d155: Acquiring skills	0	0	0	1	0	1
d159: Basic learning, other specified and unspecified	0	1	1	0	0	0
d160: Focusing attention	27	0	27	1	1	2
d1601: Focusing attention to changes in the environment	2	0	2	0	0	0
d163: Thinking	11	0	11	0	0	0
d166: Reading	44	1	45	8	18	26
d177: Making decisions	0	0	0	1	0	1
d179: Applying knowledge, other specified and unspecified	2	0	2	0	0	0
d210: Undertaking a single task	0	1	1	1	0	1
d2100: Undertaking a simple task	2	0	2	0	0	0
d220: Undertaking multiple tasks	0	0	0	0	3	3
d2200: Carrying out multiple tasks	2	0	2	0	0	0
d230: Carrying out daily routine	0	0	0	2	0	2
d240: Handling stress and other psychological demands	1	0	1	26	22	48
d2401: Handling stress	1	9	10	0	0	0
d2402: Handling crisis	0	1	1	0	0	0
d310: Communicating with - receiving - spoken messages	104	27	131	35	48	83
d3108: Communicating with - receiving - spoken messages, other specified	3	0	3	0	0	0
d315: Communicating with - receiving - nonverbal messages	0	1	1	0	0	0
d330: Speaking	1	0	1	1	0	1
d350: Conversation	67	73	140	14	23	37

d3501: Sustaining a conversation	0	1	1	0	0	0
d3503: Conversing with one person	0	0	0	1	1	2
d3504: Conversing with many people	19	1	20	6	3	9
d355: Discussion	0	1	1	0	0	0
d360: Using communication devices and techniques	9	11	20	1	0	1
d3600: Using telecommunication devices	2	1	3	4	12	16
d3602: Using communication techniques	6	0	6	6	3	9
d410: Changing basic body position	0	1	1	0	0	0
d450: Walking	2	0	2	0	1	1
d4554: Swimming	1	1	2	0	0	0
d460: Moving around in different locations	0	0	0	1	2	3
d470: Using transportation	0	0	0	2	5	7
d4700: Using human-powered vehicles	0	0	0	1	0	1
d4702: Using public motorized transportation	0	0	0	1	0	1
d475: Driving	8	0	8	1	3	4
d550: Eating	2	1	3	0	0	0
d560: Drinking	0	0	0	1	0	1
d570: Looking after one's health	4	0	4	0	0	0
d6200: Shopping	3	0	3	0	4	4
d640: Doing housework	1	0	1	0	0	0
d649: Household tasks, other specified and unspecified	4	0	4	0	0	0
d698: Domestic life, other specified	1	0	1	0	0	0
d710: Basic interpersonal interactions	0	1	1	2	0	2
d720: Complex interpersonal interactions	0	0	0	0	1	1
d7203: Interacting according to social rules	0	0	0	2	0	2
d7208: Complex interpersonal interactions, other specified	1	0	1	0	0	0
d729: General interpersonal interactions, other specified and unspecified	5	0	5	0	0	0
d730: Relating with strangers	1	0	1	0	0	0
d740: Formal relationships	1	0	1	0	0	0

d750: Informal social relationships	2	0	2	2	0	2
d7500: Informal relationships with friends	1	0	1	0	1	1
d760: Family relationships	3	10	13	8	5	13
d7600: Parent-child relationships	1	1	2	0	1	1
d7601: Child-parent relationships	0	0	0	1	2	3
d7603: Extended family relationships	0	0	0	1	0	1
d770: Intimate relationships	3	0	3	1	0	1
d7701: Spousal relationships	0	0	0	3	0	3
d798: Interpersonal interactions and relationships, other specified	3	0	3	0	0	0
d799: Interpersonal interactions and relationships, unspecified	0	0	0	1	1	2
d810: Informal education	0	1	1	0	0	0
d820: School education	2	1	3	0	0	0
d830: Higher education	0	1	1	0	0	0
d839: Education, other specified and unspecified	0	1	1	0	0	0
d845: Acquiring, keeping and terminating a job	0	1	1	0	0	0
d850: Remunerative employment	30	35	65	17	18	35
d910: Community life	0	0	0	4	0	4
d920: Recreation and leisure	81	71	152	25	19	44
d9200: Play	0	2	2	0	0	0
d9201: Sports	2	5	7	3	1	4
d9202: Arts and culture	50	2	52	20	16	36
d9204: Hobbies	2	0	2	1	0	1
d9205: Socializing	32	5	37	27	23	50
d9208: Recreation and leisure, other specified	2	4	6	0	0	0
d930: Religion and spirituality	4	7	11	2	3	5
d9300: Organized religion	5	0	5	0	0	0
d9301: Spirituality	10	0	10	0	0	0
Total	641	309	950	255	259	514

Supplementary Table 3: Environmental factors

Environmental factors	US Population			UK Population (Manchaiah et al., 2018)		
	PQ	LEQ	Total	PQ	LEQ	Total
e1100: Food	1	1	2	1	3	4
e1101: Drugs	2	0	2	1	2	3
e1108: Products or substances for personal consumption, other specified	1	0	1	0	0	0
e115: Products and technology for personal use in daily living	0	0	0	5	4	9
e1150: General products and technology for personal use in daily living	0	1	1	1	2	3
e125: Products and technology for communication	6	6	12	3	7	10
e1250: General products and technology for communication	73	4	77	21	24	45
e1251: Assistive products and technology for communication	4	3	7	4	4	8
e1259: Products and technology for communication, unspecified	1	0	1	0	0	0
e130: Products and technology for education	0	0	0	1	0	1
e1300: General products and technology for education	1	0	1	0	0	0
e1401: Assistive products and technology for culture, recreation and sport	0	0	0	1	0	1
e150: Design, construction and building products and technology of buildings for public use	11	0	11	4	2	6
e210: Physical geography	0	1	1	0	0	0
e2108: Physical geography, other specified	3	0	3	0	0	0
e220: Flora and fauna	0	1	1	0	0	0
e2208: Fauna and flora, other specified	1	0	1	0	0	0
e225: Climate	0	0	0	0	1	1
e245: Time-related changes	0	0	0	2	0	2
e250: Sound	1	3	4	5	12	17
e2500: Sound intensity	64	58	122	30	26	56
e2501: Sound quality	44	1	45	21	24	45
e2508: Sound, other specified	0	1	1	0		0

e310: Immediate family	6	9	15	2	1	3
e320: Friends	0	2	2	1	0	1
e355: Domesticated animals	0	1	1	0	0	0
e398: Support and relationships, other specified	0	1	1	0	0	0
e410: Individual attitudes of immediate family members	0	0	0	3	4	7
e420: Individual attitudes of friends	0	0	0	0	1	1
e460: Societal attitudes	0	0	0	1	0	1
e498: Attitudes, other specified	1	0	1	2	1	3
e499: Attitudes, unspecified	0	0	0	4	2	6
e5600: Media services	0	0	0	1	2	3
e5700: Social security services	0	1	1	0	0	0
Total	220	94	314	114	122	236

Supplementary Table 4: Personal factors

Personal factors	US Population			UK Population (Manchaiah et al., 2018)		
	PQ	LEQ	Total	PQ	LEQ	Total
Lifestyle	18	3	21	2	1	3
Habits	1	0	1	1	0	1
Coping style	31	4	35	27	17	44
Profession	0	0	0	1	2	3
Past and present experience	32	2	34	2	0	2
Overall behavior pattern and characteristics	8	2	10	3	2	5
Total	90	11	101	36	22	58

Supplementary Table 5: Not categorized

	US Population			UK Population (Manchaiah et al., 2018)		
	PQ	LEQ	Total	PQ	LEQ	Total
Not covered by ICF (<i>nc</i>)	21	4	25	15	7	22
Health condition (<i>hc</i>)	7	0	7	6	9	15
Total	28	4	32	21	16	37