

Appendix 1a. Five parameters for top-1% beneficiaries.

ICD10-subchapter (condition)	Prevalence	% as most cost incurring condition	% most cost incurring / prevalence	% of costs by most cost incurring condition	% of total costs
A00-A09 Intestinal infectious diseases	0,9%	0,1%	8,9%	19,4%	0,1%
A15-A19 Tuberculosis	0,2%	0,0%	23,4%	36,6%	0,0%
A20-A28 Certain zoonotic bacterial diseases	0,0%				0,0%
A30-A49 Other bacterial diseases	2,9%	0,7%	22,7%	23,8%	0,3%
A50-A64 Infections with a predominantly sexual mode of transmission	0,1%				0,0%
A65-A69 Other spirochaetal diseases	0,0%				0,0%
B00-B09 Viral infections characterized by skin and mucous membrane lesions	0,4%				0,0%
B15-B19 Viral hepatitis	0,3%	0,1%	18,5%	10,4%	0,0%
B20-B24 Human immunodeficiency virus [HIV] disease	5,0%	0,2%	4,7%	16,8%	0,1%
B25-B34 Other viral diseases	0,3%	0,0%	8,6%	12,2%	0,0%
B50-B64 Protozoal diseases	0,0%				
B85-B89 Pediculosis, acariasis and other infestations	0,0%				0,0%
B99-B99 Other infectious diseases	0,9%	0,1%	12,5%	22,5%	0,1%
C00-C14 Malignant neoplasms of lip, oral cavity and pharynx	1,2%	0,5%	42,4%	40,8%	0,2%
C15-C26 Malignant neoplasms of digestive organs	7,5%	5,4%	71,2%	47,9%	2,4%
C30-C39 Malignant neoplasms of respiratory and intrathoracic organs	5,9%	3,5%	59,1%	52,5%	1,7%
C40-C41 Malignant neoplasms of bone and articular cartilage	0,4%	0,1%	28,1%	56,0%	0,2%
C43-C44 Melanoma and other malignant neoplasms of skin	3,0%	0,3%	9,9%	16,2%	0,1%
C45-C49 Malignant neoplasms of mesothelial and soft tissue	0,7%	0,3%	44,1%	36,8%	0,2%
C50-C50 Malignant neoplasm of breast	5,0%	3,7%	75,4%	42,8%	1,4%
C51-C58 Malignant neoplasms of female genital organs	1,3%	0,8%	62,0%	50,0%	0,4%
C60-C63 Malignant neoplasms of male genital organs	2,2%	0,8%	37,9%	34,8%	0,3%
C64-C68 Malignant neoplasms of urinary tract	3,5%	1,3%	36,9%	44,6%	0,6%
C69-C72 Malignant neoplasms of eye, brain and other parts of central nervous system	1,1%	0,2%	14,7%	41,1%	0,2%
C73-C75 Malignant neoplasms of thyroid and other endocrine glands	0,2%	0,1%	31,8%	50,1%	0,1%
C76-C80 Malignant neoplasms of ill-defined, secondary and unspecified sites	4,2%	1,1%	25,6%	40,4%	0,6%
C81-C96 Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue	5,6%	4,1%	74,3%	41,4%	3,0%

D00-D09 In situ neoplasms	1,5%	0,0%	0,4%	2,6%	0,0%
D10-D36 Benign neoplasms	4,5%	0,2%	3,4%	20,8%	0,1%
D37-D48 Neoplasms of uncertain or unknown behaviour	3,2%	1,1%	32,5%	41,6%	0,7%
D50-D53 Nutritional anaemias	1,4%	0,1%	5,5%	22,7%	0,1%
D55-D59 Haemolytic anaemias	0,3%	0,1%	31,8%	25,2%	0,0%
D60-D64 Aplastic and other anaemias	0,5%	0,1%	12,7%	35,1%	0,1%
D65-D69 Coagulation defects, purpura and other haemorrhagic conditions	1,2%	0,5%	39,4%	6,1%	0,1%
D70-D77 Other diseases of blood and blood-forming organs	0,4%	0,0%	12,9%	28,5%	0,0%
D80-D89 Certain disorders involving the immune mechanism	0,7%	0,3%	41,4%	15,1%	0,1%
E00-E07 Disorders of thyroid gland	4,2%	0,0%	0,7%	16,0%	0,0%
E10-E14 Diabetes mellitus	13,8%	0,3%	2,1%	24,2%	0,2%
E20-E35 Disorders of other endocrine glands	1,1%	0,2%	19,5%	6,6%	0,0%
E40-E46 Malnutrition	1,5%	0,1%	7,6%	11,6%	0,0%
E50-E64 Other nutritional deficiencies	0,0%	0,0%	14,4%	12,3%	0,0%
E65-E68 Obesity and other hyperalimentation	0,4%	0,1%	24,4%	23,8%	0,0%
E70-E90 Metabolic disorders	2,6%	0,7%	25,9%	18,1%	0,2%
F00-F09 Organic, including symptomatic, mental disorders	6,5%	0,6%	9,7%	20,9%	0,2%
F10-F19 Mental and behavioural disorders due to psychoactive substance use	5,0%	2,7%	54,0%	34,0%	0,9%
F20-F29 Schizophrenia, schizotypal and delusional disorders	5,7%	3,5%	60,7%	32,9%	1,1%
F30-F39 Mood [affective] disorders	12,7%	3,0%	23,5%	35,4%	1,1%
F40-F48 Neurotic, stress-related and somatoform disorders	2,8%	1,1%	39,0%	43,2%	0,5%
F50-F59 Behavioural syndromes associated with physiological disturbances and physical factors	0,6%	0,3%	52,3%	51,9%	0,2%
F60-F69 Disorders of adult personality and behaviour	2,4%	1,4%	58,5%	42,1%	0,6%
F70-F79 Mental retardation	0,1%	0,0%	12,6%	8,4%	0,0%
F80-F89 Disorders of psychological development	1,3%	0,9%	68,7%	46,3%	0,4%
F90-F98 Behavioural and emotional disorders with onset usually occurring in childhood and adolescence	1,6%	0,7%	41,8%	58,0%	0,3%
F99-F99 Unspecified mental disorder	13,1%	0,6%	4,8%	32,7%	0,5%
G00-G09 Inflammatory diseases of the central nervous system	0,8%	0,2%	27,5%	30,7%	0,1%
G10-G14 Systemic atrophies primarily affecting the central nervous system	0,2%	0,0%	17,7%	16,1%	0,0%
G20-G26 Extrapyrmidal and movement disorders	9,2%	0,2%	2,3%	12,0%	0,0%

G35-G37 Demyelinating diseases of the central nervous system	0,5%	0,2%	37,4%	14,0%	0,0%
G40-G47 Episodic and paroxysmal disorders	8,4%	0,7%	8,5%	33,8%	0,4%
G50-G59 Nerve, nerve root and plexus disorders	2,0%	0,0%	2,2%	22,0%	0,0%
G60-G64 Polyneuropathies and other disorders of the peripheral nervous system	1,5%	0,3%	19,4%	15,6%	0,1%
G70-G73 Diseases of myoneural junction and muscle	0,7%	0,2%	24,8%	32,2%	0,1%
G80-G83 Cerebral palsy and other paralytic syndromes	0,0%	0,0%	21,6%	3,9%	0,0%
G90-G99 Other disorders of the nervous system	3,2%	0,4%	12,2%	34,7%	0,2%
H00-H06 Disorders of eyelid, lacrimal system and orbit	1,1%	0,0%	1,2%	3,1%	0,0%
H10-H13 Disorders of conjunctiva	1,1%				0,0%
H15-H22 Disorders of sclera, cornea, iris and ciliary body	0,7%	0,0%	1,5%	6,5%	0,0%
H25-H28 Disorders of lens	4,1%	0,1%	2,7%	4,4%	0,1%
H30-H36 Disorders of choroid and retina	5,7%	0,1%	1,2%	24,5%	0,1%
H40-H42 Glaucoma	3,3%	0,0%	0,3%	1,4%	0,0%
H43-H45 Disorders of vitreous body and globe	0,6%	0,0%	0,4%	0,1%	0,0%
H46-H48 Disorders of optic nerve and visual pathways	0,9%	0,0%	0,2%	0,2%	0,0%
H49-H52 Disorders of ocular muscles, binocular movement, accommodation and refraction	0,9%	0,0%	1,3%	9,3%	0,0%
H53-H54 Visual disturbances and blindness	0,4%	0,0%	0,6%	0,6%	0,0%
H55-H59 Other disorders of eye and adnexa	2,2%	0,0%	0,4%	0,6%	0,0%
H60-H62 Diseases of external ear	1,5%	0,0%	1,5%	33,9%	0,0%
H65-H75 Diseases of middle ear and mastoid	1,4%	0,0%	3,5%	9,0%	0,0%
H80-H83 Diseases of inner ear	0,7%	0,0%	1,6%	7,6%	0,0%
H90-H95 Other disorders of ear	2,3%	0,2%	9,8%	81,4%	0,2%
I00-I02 Acute rheumatic fever	0,0%				0,0%
I05-I09 Chronic rheumatic heart diseases	0,4%	0,4%	95,0%	50,8%	0,2%
I10-I15 Hypertensive diseases	6,4%	0,0%	0,5%	15,0%	0,0%
I20-I25 Ischaemic heart diseases	12,7%	3,7%	29,0%	41,9%	1,6%
I26-I28 Pulmonary heart disease and diseases of pulmonary circulation	1,5%	0,3%	18,1%	13,7%	0,1%
I30-I33 Pericarditis/endocarditis	1,3%	0,2%	18,1%	42,4%	0,2%
I34-I39 Valve disorders	6,1%	0,7%	11,0%	62,5%	0,5%
I40-I41 Myocarditis	0,1%	0,0%	20,1%	19,3%	0,0%
I44-I49 Atrial fibrillation, rhythm and conduction disorders	11,8%	2,9%	24,3%	58,5%	1,6%
I50 Heart failure	9,3%	2,6%	28,4%	57,1%	1,5%
I51-I52 Complications/ill-defined descriptions, other heart disorders	9,6%	3,2%	33,1%	50,3%	1,6%

I60-I69 Cerebrovascular diseases	7,9%	4,2%	53,1%	52,7%	2,1%
I70-I79 Diseases of arteries, arterioles and capillaries	9,6%	4,1%	42,7%	47,3%	2,0%
I80-I89 Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	5,9%	0,1%	1,2%	15,4%	0,2%
I95-I99 Other and unspecified disorders of the circulatory system	5,7%	0,1%	1,2%	30,6%	0,1%
J00-J06 Acute upper respiratory infections	0,6%	0,0%	5,1%	18,2%	0,0%
J09-J18 Influenza and pneumonia	6,4%	1,2%	19,0%	20,4%	0,5%
J20-J22 Other acute lower respiratory infections	0,8%	0,1%	15,6%	20,0%	0,1%
J30-J39 Other diseases of upper respiratory tract	1,8%	0,1%	3,6%	13,1%	0,0%
J40-J47 Chronic lower respiratory diseases	14,1%	1,8%	13,1%	26,2%	0,6%
J60-J70 Lung diseases due to external agents	0,0%				
J80-J84 Other respiratory diseases principally affecting the interstitium	0,8%	0,2%	19,1%	24,5%	0,1%
J85-J86 Suppurative and necrotic conditions of lower respiratory tract	0,2%	0,0%	17,7%	25,1%	0,0%
J90-J94 Other diseases of pleura	2,2%	0,2%	8,4%	33,6%	0,1%
J95-J99 Other diseases of the respiratory system	2,9%	0,5%	15,8%	42,2%	0,3%
K00-K14 Diseases of oral cavity, salivary glands and jaws	0,4%	0,0%	1,8%	6,4%	0,0%
K20-K31 Diseases of oesophagus, stomach and duodenum	3,9%	0,3%	6,6%	18,7%	0,2%
K35-K38 Diseases of appendix	0,2%	0,0%	23,3%	21,9%	0,0%
K40-K46 Hernia	1,6%	0,1%	8,6%	17,1%	0,1%
K50-K52 Noninfective enteritis and colitis	2,4%	0,8%	32,4%	23,6%	0,2%
K55-K64 Other diseases of intestines	5,0%	0,9%	18,4%	31,3%	0,4%
K65-K67 Diseases of peritoneum	1,0%	0,3%	31,7%	27,1%	0,1%
K70-K77 Diseases of liver	1,7%	0,4%	24,8%	43,1%	0,3%
K80-K87 Disorders of gallbladder, biliary tract and pancreas	2,2%	0,5%	24,0%	34,8%	0,3%
K90-K93 Other diseases of the digestive system	7,0%	0,7%	9,8%	26,5%	0,4%
L00-L08 Infections of the skin and subcutaneous tissue	3,4%	0,3%	9,3%	25,1%	0,2%
L10-L14 Bullous disorders	0,7%	0,0%	1,7%	15,0%	0,0%
L20-L30 Dermatitis and eczema	2,4%	0,0%	0,7%	20,7%	0,0%
L40-L45 Papulosquamous disorders	0,7%	0,1%	10,2%	10,2%	0,0%
L50-L54 Urticaria and erythema	0,1%	0,0%	4,7%	1,2%	0,0%
L60-L75 Disorders of skin appendages	0,6%	0,0%	1,1%	12,0%	0,0%
L80-L99 Other disorders of the skin and subcutaneous tissue	3,2%	0,1%	4,6%	27,8%	0,1%
M00-M03 Infectious arthropathies	0,1%	0,0%	23,2%	31,7%	0,0%
M05-M14 Inflammatory polyarthropathies	5,0%	0,4%	8,0%	22,6%	0,1%
M15-M19 Arthrosis	4,5%	1,7%	37,4%	51,4%	0,8%

M20-M25 Other joint disorders	2,3%	0,3%	12,2%	34,4%	0,1%
M30-M36 Systemic connective tissue disorders	1,5%	0,3%	18,0%	26,9%	0,1%
M40-M43 Deforming dorsopathies	0,4%	0,1%	34,1%	55,1%	0,1%
M45-M49 Spondylopathies	1,7%	0,3%	17,8%	28,9%	0,1%
M50-M54 Other dorsopathies	3,9%	0,5%	12,2%	39,2%	0,2%
M60-M63 Disorders of muscles	0,1%	0,0%	1,6%	2,3%	0,0%
M65-M68 Disorders of synovium and tendon	0,3%	0,0%	2,0%	12,3%	0,0%
M70-M79 Other soft tissue disorders	1,9%	0,1%	3,3%	12,7%	0,0%
M80-M85 Disorders of bone density and structure	1,4%	0,0%	1,3%	20,8%	0,0%
M86-M90 Other osteopathies	1,0%	0,1%	12,2%	33,1%	0,1%
M91-M94 Chondropathies	0,0%	0,0%	12,6%	82,9%	0,0%
M95-M99 Other disorders of the musculoskeletal system and connective tissue	0,1%	0,0%	5,5%	56,1%	0,0%
N00-N08 Glomerular diseases	0,3%	0,0%	14,2%	31,0%	0,0%
N10-N16 Renal tubulo-interstitial diseases	1,1%	0,1%	11,6%	30,1%	0,1%
N17-N19 Renal failure	12,2%	6,4%	52,4%	66,0%	6,8%
N20-N23 Urolithiasis	0,8%	0,1%	14,4%	28,3%	0,1%
N25-N29 Other disorders of kidney and ureter	1,8%	0,1%	4,1%	21,0%	0,1%
N30-N39 Other diseases of urinary system	6,5%	0,4%	5,7%	21,9%	0,2%
N40-N51 Diseases of male genital organs	3,4%	0,1%	1,9%	15,9%	0,1%
N60-N64 Disorders of breast	0,6%	0,0%	1,1%	7,7%	0,0%
N70-N77 Inflammatory diseases of female pelvic organs	0,4%	0,0%	3,0%	3,9%	0,0%
N80-N98 Noninflammatory disorders of female genital tract	2,4%	0,1%	3,0%	12,0%	0,0%
O00-O08 Pregnancy with abortive outcome	0,1%	0,0%	5,2%	1,1%	0,0%
O20-O29 Other maternal disorders predominantly related to pregnancy	0,0%				0,0%
O60-O75 Complications of labour and delivery	0,0%				0,0%
O80-O84 Delivery	0,4%	0,0%	7,6%	27,0%	0,0%
O94-O99 Other obstetric conditions, not elsewhere classified	0,4%	0,2%	43,9%	59,1%	0,1%
P20-P29 Respiratory and cardiovascular disorders specific to the perinatal period	0,0%	0,0%	23,9%	9,2%	0,0%
P50-P61 Haemorrhagic and haematological disorders of fetus and newborn	0,0%	0,0%	25,1%	26,9%	0,0%
Q00-Q07 Congenital malformations of the nervous system	0,2%	0,0%	17,7%	16,8%	0,0%
Q10-Q18 Congenital malformations of eye, ear, face and neck	1,0%	0,0%	0,7%	1,2%	0,0%

Q20-Q28 Congenital malformations of the circulatory system	1,2%	0,5%	42,4%	39,8%	0,2%
Q30-Q34 Congenital malformations of the respiratory system	0,0%	0,0%	23,9%	27,9%	0,0%
Q35-Q37 Cleft lip and cleft palate	0,0%	0,0%	18,3%	24,6%	0,0%
Q38-Q45 Other congenital malformations of the digestive system	0,1%	0,0%	5,2%	53,9%	0,0%
Q50-Q56 Congenital malformations of genital organs	0,1%	0,0%	7,2%	6,6%	0,0%
Q60-Q64 Congenital malformations of the urinary system	0,1%	0,0%	6,6%	14,6%	0,0%
Q65-Q79 Congenital malformations and deformations of the musculoskeletal system	0,4%	0,0%	10,8%	34,6%	0,0%
Q80-Q89 Other congenital malformations	0,2%	0,0%	10,9%	13,4%	0,0%
Q90-Q99 Chromosomal abnormalities, not elsewhere classified	0,2%	0,0%	10,9%	9,1%	0,0%
R01 Cardiac murmurs and other cardiac sounds	0,0%	0,0%	15,1%	8,0%	0,0%
R04 Haemorrhage from respiratory passages	1,2%	0,0%	2,3%	19,3%	0,0%
R05 Cough	0,3%	0,0%	4,2%	11,1%	0,0%
R06 Abnormalities of breathing	3,8%	0,6%	16,4%	32,7%	0,3%
R07 Pain in throat and chest	0,5%	0,0%	1,8%	21,9%	0,0%
R09 Other symptoms and signs involving the circulatory and respiratory systems	0,0%	0,0%	5,0%	9,8%	0,0%
R10 Abdominal and pelvic pain	2,3%	0,1%	2,4%	21,5%	0,1%
R11 Nausea and vomiting	0,0%	0,0%	9,1%	30,3%	0,0%
R13 Dysphagia	1,3%	0,0%	0,9%	2,8%	0,0%
R15 Faecal incontinence	0,1%	0,0%	43,1%	43,1%	0,0%
R22.1 Localized swelling, mass and lump, neck	0,2%	0,0%	2,1%	11,6%	0,0%
R26 Abnormalities of gait and mobility	0,1%	0,0%	2,3%	40,9%	0,0%
R29 Other symptoms and signs involving the nervous and musculoskeletal systems	1,2%	0,0%	2,9%	14,3%	0,0%
R31 Unspecified haematuria	0,1%	0,0%	7,7%	5,7%	0,0%
R32 Unspecified urinary incontinence	0,0%	0,0%	7,7%	5,3%	0,0%
R35 Polyuria	0,0%	0,0%	50,3%	73,5%	0,0%
R39 Other symptoms and signs involving the urinary system	0,2%				0,0%
R40 Somnolence, stupor and coma	0,0%				0,0%
R42 Dizziness and giddiness	0,1%	0,0%	3,1%	44,1%	0,0%
R43 Disturbances of smell and taste	0,0%				0,0%
R47 Speech disturbances, not elsewhere classified	0,0%				0,0%
R49 Voice disturbances	1,2%	0,0%	0,9%	3,2%	0,0%
R50 Fever of other and unknown origin	1,1%	0,0%	3,6%	27,4%	0,1%

R51 Headache	0,0%	0,0%	5,3%	0,5%	0,0%
R52 Pain, not elsewhere classified	2,6%	0,1%	4,9%	45,9%	0,1%
R53 Malaise and fatigue	1,2%	0,1%	4,5%	16,2%	0,0%
R54 Senility	3,1%	0,7%	24,5%	31,8%	0,3%
R55 Syncope and collapse	1,5%	0,0%	3,2%	14,3%	0,0%
R56 Convulsions, not elsewhere classified	0,6%	0,1%	11,5%	40,4%	0,0%
R59 Enlarged lymph nodes	0,5%	0,0%	2,3%	52,9%	0,0%
R60 Oedema, not elsewhere classified	0,2%	0,0%	4,5%	10,2%	0,0%
R62 Lack of expected normal physiological development	0,1%	0,0%	23,2%	68,9%	0,0%
R63 Symptoms and signs concerning food and fluid intake	0,9%	0,1%	10,0%	28,0%	0,1%
R68 Other general symptoms and signs	12,8%	0,1%	0,5%	21,4%	0,1%
R69 Unknown and unspecified causes of morbidity	32,5%	0,3%	0,8%	13,7%	0,3%
R70-R79 Abnormal findings on examination of blood, without diagnosis	2,3%	0,1%	3,4%	22,1%	0,1%
R87 Abnormal findings in specimens from female genital organs	0,3%	0,0%	2,5%	5,2%	0,0%
R95-R99 Ill-defined and unknown causes of mortality	0,0%				0,0%
S00-S09 Injuries to the head	3,2%	0,4%	11,4%	29,4%	0,2%
S10-S19 Injuries to the neck	0,4%	0,0%	8,1%	21,9%	0,0%
S20-S29 Injuries to the thorax	0,6%	0,2%	27,9%	31,5%	0,1%
S30-S39 Injuries to the abdomen, lower back, lumbar spine and pelvis	0,8%	0,3%	41,6%	36,7%	0,1%
S40-S49 Injuries to the shoulder and upper arm	1,1%	0,1%	12,2%	19,3%	0,1%
S50-S59 Injuries to the elbow and forearm	0,3%	0,0%	7,3%	16,6%	0,0%
S60-S69 Injuries to the wrist and hand	1,2%	0,0%	4,0%	13,4%	0,0%
S70-S79 Injuries to the hip and thigh	4,3%	2,8%	64,2%	55,2%	1,4%
S80-S89 Injuries to the knee and lower leg	0,7%	0,2%	27,7%	17,3%	0,0%
S90-S99 Injuries to the ankle and foot	1,0%	0,2%	16,5%	16,6%	0,0%
T00-T07 Injuries involving multiple body regions	2,0%	0,5%	25,6%	39,1%	0,3%
T08-T14 Injuries to unspecified part of trunk, limb or body region	7,5%	0,3%	4,0%	26,1%	0,2%
T15-T19 Effects of foreign body entering through natural orifice	0,2%	0,0%	1,0%	0,3%	0,0%
T20-T32 Burns and corrosions	0,3%	0,1%	41,7%	61,2%	0,1%
T33-T35 Frostbite	0,0%				0,0%
T36-T50 Poisoning by drugs, medicaments and biological substances	1,5%	0,0%	1,3%	13,8%	0,0%
T51-T65 Toxic effects of substances chiefly nonmedicinal as to source	0,1%				0,0%
T66-T78 Other and unspecified effects of external causes	0,7%	0,1%	7,9%	9,4%	0,0%
T79-T79 Certain early complications of trauma	0,0%				0,0%
T80-T88 Complications of surgical and medical care, not elsewhere	2,0%	0,6%	32,1%	47,5%	0,4%

classified					
T90-T98 Sequelae of injuries, of poisoning and of other consequences of external causes	0,9%	0,1%	12,0%	24,6%	0,0%
Z00-Z13 Persons encountering health services for examination and investigation	5,5%	0,2%	4,2%	30,2%	0,2%
Z20-Z29 Persons with potential health hazards related to communicable diseases	0,0%				0,0%
Z30-Z39 Persons encountering health services in circumstances related to reproduction	3,9%	1,2%	29,5%	26,6%	0,4%
Z40-Z54 Persons encountering health services for specific procedures and health care	16,3%	2,0%	12,0%	42,4%	1,4%
Z80-Z99 Persons with potential health hazards related to family and personal history and certain conditions influencing health status	13,9%	0,3%	2,4%	56,2%	0,5%

Appendix 1b. Five parameters for top-2-5% beneficiaries.

ICD10-subchapter (condition)	Prevalence	% as most cost incurring condition	% most cost incurring / prevalence	% of costs by most cost incurring condition	% of total costs
A00-A09 Intestinal infectious diseases	0,5%	0,2%	32,6%	32,5%	0,1%
A15-A19 Tuberculosis	0,1%	0,0%	22,5%	32,3%	0,0%
A20-A28 Certain zoonotic bacterial diseases	0,0%				
A30-A49 Other bacterial diseases	1,0%	0,6%	61,2%	39,8%	0,3%
A50-A64 Infections with a predominantly sexual mode of transmission	0,2%	0,0%	8,9%	9,2%	0,0%
A65-A69 Other spirochaetal diseases	0,0%	0,0%	14,8%	23,3%	0,0%
B00-B09 Viral infections characterized by skin and mucous membrane lesions	0,4%	0,0%	2,4%	4,8%	0,0%
B15-B19 Viral hepatitis	0,3%	0,1%	22,3%	13,8%	0,0%
B20-B24 Human immunodeficiency virus [HIV] disease	3,5%	2,2%	61,4%	13,3%	0,3%
B25-B34 Other viral diseases	0,1%	0,0%	29,4%	38,2%	0,0%
B50-B64 Protozoal diseases	0,0%	0,0%	50,6%	16,2%	0,0%
B85-B89 Pediculosis, acariasis and other infestations	0,0%	0,0%	23,8%	40,0%	0,0%
B99-B99 Other infectious diseases	0,3%	0,1%	42,5%	43,8%	0,1%
C00-C14 Malignant neoplasms of lip, oral cavity and pharynx	0,5%	0,2%	47,5%	45,8%	0,1%
C15-C26 Malignant neoplasms of digestive organs	3,8%	2,5%	67,2%	56,7%	1,8%
C30-C39 Malignant neoplasms of respiratory and intrathoracic organs	2,7%	1,6%	59,1%	52,1%	1,1%
C40-C41 Malignant neoplasms of bone and articular cartilage	0,1%	0,0%	28,6%	56,8%	0,0%
C43-C44 Melanoma and other malignant neoplasms of skin	3,0%	0,4%	12,2%	25,5%	0,2%
C45-C49 Malignant neoplasms of mesothelial and soft tissue	0,3%	0,2%	54,7%	47,6%	0,1%
C50-C50 Malignant neoplasm of breast	3,8%	2,5%	65,6%	60,1%	1,8%
C51-C58 Malignant neoplasms of female genital organs	0,9%	0,6%	64,3%	59,1%	0,4%
C60-C63 Malignant neoplasms of male genital organs	2,2%	0,7%	32,3%	53,2%	0,5%
C64-C68 Malignant neoplasms of urinary tract	2,8%	1,5%	53,6%	57,0%	1,0%
C69-C72 Malignant neoplasms of eye, brain and other parts of central nervous system	0,3%	0,1%	30,6%	50,3%	0,1%
C73-C75 Malignant neoplasms of thyroid and other endocrine glands	0,2%	0,1%	49,4%	57,0%	0,1%
C76-C80 Malignant neoplasms of ill-defined, secondary and unspecified sites	1,5%	0,5%	34,4%	46,6%	0,4%
C81-C96 Malignant neoplasms, stated or presumed to be primary, of	1,6%	0,8%	53,3%	40,1%	0,4%

lymphoid, haematopoietic and related tissue					
D00-D09 In situ neoplasms	1,8%	0,1%	4,1%	10,8%	0,1%
D10-D36 Benign neoplasms	4,6%	0,5%	11,8%	34,2%	0,4%
D37-D48 Neoplasms of uncertain or unknown behaviour	1,6%	0,6%	38,4%	50,3%	0,4%
D50-D53 Nutritional anaemias	1,0%	0,2%	18,1%	33,2%	0,1%
D55-D59 Haemolytic anaemias	0,2%	0,1%	35,0%	37,6%	0,0%
D60-D64 Aplastic and other anaemias	0,3%	0,1%	21,0%	33,6%	0,0%
D65-D69 Coagulation defects, purpura and other haemorrhagic conditions	0,4%	0,1%	22,5%	32,3%	0,0%
D70-D77 Other diseases of blood and blood-forming organs	0,2%	0,0%	20,5%	34,0%	0,0%
D80-D89 Certain disorders involving the immune mechanism	0,3%	0,1%	36,0%	24,3%	0,0%
E00-E07 Disorders of thyroid gland	4,8%	0,1%	2,4%	34,3%	0,1%
E10-E14 Diabetes mellitus	12,2%	1,1%	9,3%	33,5%	0,5%
E20-E35 Disorders of other endocrine glands	1,1%	0,3%	31,5%	11,7%	0,1%
E40-E46 Malnutrition	0,3%	0,1%	16,8%	21,4%	0,0%
E50-E64 Other nutritional deficiencies	0,0%	0,0%	16,9%	40,7%	0,0%
E65-E68 Obesity and other hyperalimentation	1,4%	1,0%	70,5%	72,4%	0,6%
E70-E90 Metabolic disorders	2,3%	0,4%	16,1%	33,2%	0,2%
F00-F09 Organic, including symptomatic, mental disorders	3,0%	0,5%	17,3%	38,6%	0,3%
F10-F19 Mental and behavioural disorders due to psychoactive substance use	3,3%	1,8%	55,4%	51,5%	1,1%
F20-F29 Schizophrenia, schizotypal and delusional disorders	3,7%	2,1%	55,2%	59,0%	1,3%
F30-F39 Mood [affective] disorders	12,5%	2,7%	22,0%	49,8%	1,5%
F40-F48 Neurotic, stress-related and somatoform disorders	2,9%	1,6%	57,7%	53,9%	1,0%
F50-F59 Behavioural syndromes associated with physiological disturbances and physical factors	0,5%	0,3%	54,6%	65,7%	0,2%
F60-F69 Disorders of adult personality and behaviour	2,3%	1,6%	71,8%	57,7%	1,0%
F70-F79 Mental retardation	0,1%	0,0%	14,8%	11,6%	0,0%
F80-F89 Disorders of psychological development	1,0%	0,7%	70,8%	67,0%	0,5%
F90-F98 Behavioural and emotional disorders with onset usually occurring in childhood and adolescence	1,6%	0,8%	47,7%	74,0%	0,6%
F99-F99 Unspecified mental disorder	7,9%	1,0%	12,8%	43,6%	0,8%
G00-G09 Inflammatory diseases of the central nervous system	0,3%	0,1%	42,7%	50,3%	0,1%
G10-G14 Systemic atrophies primarily affecting the central nervous system	0,1%	0,0%	22,6%	21,3%	0,0%

G20-G26 Extrapyrarnidal and movement disorders	8,4%	0,2%	2,3%	27,7%	0,1%
G35-G37 Demyelinating diseases of the central nervous system	1,1%	0,6%	58,9%	10,7%	0,1%
G40-G47 Episodic and paroxysmal disorders	7,6%	1,3%	16,5%	33,7%	0,8%
G50-G59 Nerve, nerve root and plexus disorders	2,0%	0,2%	8,9%	23,4%	0,1%
G60-G64 Polyneuropathies and other disorders of the peripheral nervous system	0,8%	0,1%	10,3%	31,6%	0,1%
G70-G73 Diseases of myoneural junction and muscle	0,3%	0,1%	19,4%	30,3%	0,0%
G80-G83 Cerebral palsy and other paralytic syndromes	0,0%	0,0%	18,4%	7,5%	0,0%
G90-G99 Other disorders of the nervous system	1,6%	0,3%	16,2%	41,5%	0,2%
H00-H06 Disorders of eyelid, lacrimal system and orbit	1,4%	0,1%	4,2%	14,5%	0,0%
H10-H13 Disorders of conjunctiva	1,2%	0,0%	1,1%	6,2%	0,0%
H15-H22 Disorders of sclera, cornea, iris and ciliary body	0,9%	0,1%	8,8%	18,1%	0,0%
H25-H28 Disorders of lens	4,6%	0,5%	11,0%	16,6%	0,3%
H30-H36 Disorders of choroid and retina	6,3%	0,8%	12,3%	39,9%	0,4%
H40-H42 Glaucoma	3,8%	0,0%	1,3%	5,2%	0,0%
H43-H45 Disorders of vitreous body and globe	0,7%	0,0%	3,8%	19,2%	0,0%
H46-H48 Disorders of optic nerve and visual pathways	0,6%	0,0%	2,0%	10,4%	0,0%
H49-H52 Disorders of ocular muscles, binocular movement, accommodation and refraction	0,9%	0,0%	1,5%	11,1%	0,0%
H53-H54 Visual disturbances and blindness	0,4%	0,0%	1,2%	1,0%	0,0%
H55-H59 Other disorders of eye and adnexa	1,8%	0,0%	0,9%	1,2%	0,0%
H60-H62 Diseases of external ear	1,4%	0,1%	6,2%	37,9%	0,1%
H65-H75 Diseases of middle ear and mastoid	1,3%	0,2%	13,6%	43,5%	0,1%
H80-H83 Diseases of inner ear	0,7%	0,1%	7,1%	25,8%	0,0%
H90-H95 Other disorders of ear	1,9%	0,1%	3,5%	34,5%	0,1%
I00-I02 Acute rheumatic fever	0,0%	0,0%	28,9%	61,4%	0,0%
I05-I09 Chronic rheumatic heart diseases	0,0%	0,0%	72,3%	82,8%	0,0%
I10-I15 Hypertensive diseases	6,6%	0,1%	1,9%	23,2%	0,1%
I20-I25 Ischaemic heart diseases	11,0%	5,4%	49,1%	51,9%	3,3%
I26-I28 Pulmonary heart disease and diseases of pulmonary circulation	0,8%	0,3%	33,4%	34,0%	0,1%
I30-I33 Pericarditis/endocarditis	0,4%	0,1%	30,2%	50,9%	0,1%
I34-I39 Valve disorders	2,6%	0,2%	7,9%	35,8%	0,2%
I40-I41 Myocarditis	0,0%	0,0%	57,9%	36,0%	0,0%
I44-I49 Atrial fibrillation, rhythm and conduction disorders	8,9%	3,1%	35,0%	59,1%	2,2%

I50 Heart failure	4,6%	1,7%	36,7%	43,7%	1,0%
I51-I52 Complications/ill-defined descriptions, other heart disorders	3,3%	0,2%	7,2%	60,0%	0,3%
I60-I69 Cerebrovascular diseases	3,6%	2,2%	60,2%	55,4%	1,5%
I70-I79 Diseases of arteries, arterioles and capillaries	5,1%	2,0%	39,6%	59,0%	1,5%
I80-I89 Diseases of veins, lymphatic vessels and lymph nodes, not elsewhere classified	3,3%	0,3%	9,6%	26,9%	0,2%
I95-I99 Other and unspecified disorders of the circulatory system	3,7%	0,1%	3,7%	20,9%	0,2%
J00-J06 Acute upper respiratory infections	0,5%	0,0%	10,1%	21,0%	0,0%
J09-J18 Influenza and pneumonia	3,1%	1,6%	53,0%	38,4%	0,8%
J20-J22 Other acute lower respiratory infections	0,5%	0,2%	32,2%	32,4%	0,1%
J30-J39 Other diseases of upper respiratory tract	1,8%	0,2%	12,6%	32,6%	0,1%
J40-J47 Chronic lower respiratory diseases	13,6%	1,8%	13,6%	35,4%	0,9%
J60-J70 Lung diseases due to external agents	0,0%				
J80-J84 Other respiratory diseases principally affecting the interstitium	0,5%	0,2%	31,8%	40,1%	0,1%
J85-J86 Suppurative and necrotic conditions of lower respiratory tract	0,1%	0,0%	24,5%	47,7%	0,0%
J90-J94 Other diseases of pleura	0,9%	0,3%	36,7%	51,2%	0,2%
J95-J99 Other diseases of the respiratory system	1,3%	0,2%	17,1%	38,4%	0,2%
K00-K14 Diseases of oral cavity, salivary glands and jaws	0,2%	0,0%	2,7%	21,6%	0,0%
K20-K31 Diseases of oesophagus, stomach and duodenum	2,9%	0,5%	16,4%	32,0%	0,3%
K35-K38 Diseases of appendix	0,3%	0,2%	54,8%	47,3%	0,1%
K40-K46 Hernia	1,3%	0,4%	32,5%	39,5%	0,2%
K50-K52 Noninfective enteritis and colitis	2,6%	1,3%	50,0%	21,5%	0,4%
K55-K64 Other diseases of intestines	4,0%	1,1%	27,6%	42,5%	0,7%
K65-K67 Diseases of peritoneum	0,3%	0,2%	59,0%	49,0%	0,1%
K70-K77 Diseases of liver	1,0%	0,4%	35,7%	42,1%	0,2%
K80-K87 Disorders of gallbladder, biliary tract and pancreas	2,3%	1,4%	62,2%	53,2%	0,8%
K90-K93 Other diseases of the digestive system	3,5%	0,8%	22,0%	42,6%	0,5%
L00-L08 Infections of the skin and subcutaneous tissue	2,1%	0,5%	24,1%	38,1%	0,3%
L10-L14 Bullous disorders	0,5%	0,0%	4,6%	22,2%	0,0%
L20-L30 Dermatitis and eczema	2,0%	0,1%	3,9%	24,2%	0,1%
L40-L45 Papulosquamous disorders	1,1%	0,3%	28,4%	7,8%	0,0%
L50-L54 Urticaria and erythema	0,1%	0,0%	3,2%	32,7%	0,0%
L60-L75 Disorders of skin appendages	0,7%	0,0%	3,0%	9,3%	0,0%

L80-L99 Other disorders of the skin and subcutaneous tissue	2,4%	0,2%	8,4%	22,5%	0,1%
M00-M03 Infectious arthropathies	0,1%	0,0%	38,5%	44,5%	0,0%
M05-M14 Inflammatory polyarthropathies	6,6%	2,0%	31,1%	11,7%	0,4%
M15-M19 Arthrosis	9,3%	6,7%	72,4%	71,5%	4,5%
M20-M25 Other joint disorders	3,6%	0,7%	20,6%	41,2%	0,4%
M30-M36 Systemic connective tissue disorders	1,3%	0,3%	19,9%	34,0%	0,1%
M40-M43 Deforming dorsopathies	0,3%	0,1%	31,2%	68,8%	0,1%
M45-M49 Spondylopathies	2,4%	0,9%	37,5%	36,5%	0,4%
M50-M54 Other dorsopathies	5,5%	1,7%	30,3%	45,3%	1,0%
M60-M63 Disorders of muscles	0,2%	0,0%	6,0%	9,5%	0,0%
M65-M68 Disorders of synovium and tendon	0,5%	0,0%	6,5%	16,2%	0,0%
M70-M79 Other soft tissue disorders	2,6%	0,4%	14,5%	34,3%	0,2%
M80-M85 Disorders of bone density and structure	1,4%	0,1%	6,2%	18,9%	0,1%
M86-M90 Other osteopathies	1,0%	0,2%	19,4%	45,3%	0,1%
M91-M94 Chondropathies	0,1%	0,0%	27,4%	57,0%	0,0%
M95-M99 Other disorders of the musculoskeletal system and connective tissue	0,2%	0,0%	22,7%	45,3%	0,0%
N00-N08 Glomerular diseases	0,2%	0,1%	31,9%	45,5%	0,0%
N10-N16 Renal tubulo-interstitial diseases	0,7%	0,3%	38,2%	47,5%	0,2%
N17-N19 Renal failure	3,8%	1,1%	28,8%	36,4%	0,6%
N20-N23 Urolithiasis	1,0%	0,5%	45,7%	51,8%	0,3%
N25-N29 Other disorders of kidney and ureter	0,8%	0,1%	14,4%	39,5%	0,1%
N30-N39 Other diseases of urinary system	4,9%	1,0%	20,1%	28,5%	0,5%
N40-N51 Diseases of male genital organs	2,9%	0,5%	16,1%	38,0%	0,3%
N60-N64 Disorders of breast	0,9%	0,0%	4,8%	17,0%	0,0%
N70-N77 Inflammatory diseases of female pelvic organs	0,6%	0,0%	6,7%	27,8%	0,0%
N80-N98 Noninflammatory disorders of female genital tract	3,9%	1,0%	25,2%	42,8%	0,5%
O00-O08 Pregnancy with abortive outcome	0,5%	0,1%	21,0%	35,7%	0,1%
O20-O29 Other maternal disorders predominantly related to pregnancy	0,3%	0,0%	0,2%	15,5%	0,0%
O60-O75 Complications of labour and delivery	0,2%	0,0%	23,1%	28,4%	0,0%
O80-O84 Delivery	3,3%	1,6%	48,0%	35,2%	0,7%
O94-O99 Other obstetric conditions, not elsewhere classified	3,2%	1,3%	40,8%	45,9%	0,7%
P20-P29 Respiratory and cardiovascular disorders specific to the perinatal period	0,0%	0,0%	22,5%	24,5%	0,0%

P50-P61 Haemorrhagic and haematological disorders of fetus and newborn	0,0%	0,0%	35,4%	33,5%	0,0%
Q00-Q07 Congenital malformations of the nervous system	0,1%	0,0%	23,6%	24,0%	0,0%
Q10-Q18 Congenital malformations of eye, ear, face and neck	0,6%	0,0%	4,5%	21,5%	0,0%
Q20-Q28 Congenital malformations of the circulatory system	0,4%	0,2%	44,2%	46,4%	0,1%
Q30-Q34 Congenital malformations of the respiratory system	0,0%	0,0%	16,5%	50,5%	0,0%
Q35-Q37 Cleft lip and cleft palate	0,0%	0,0%	58,5%	41,8%	0,0%
Q38-Q45 Other congenital malformations of the digestive system	0,0%	0,0%	38,0%	54,5%	0,0%
Q50-Q56 Congenital malformations of genital organs	0,1%	0,0%	31,8%	50,0%	0,0%
Q60-Q64 Congenital malformations of the urinary system	0,1%	0,0%	25,4%	50,8%	0,0%
Q65-Q79 Congenital malformations and deformations of the musculoskeletal system	0,3%	0,1%	39,6%	56,5%	0,1%
Q80-Q89 Other congenital malformations	0,1%	0,0%	15,5%	15,2%	0,0%
Q90-Q99 Chromosomal abnormalities, not elsewhere classified	0,1%	0,0%	24,3%	9,4%	0,0%
R01 Cardiac murmurs and other cardiac sounds	0,0%	0,0%	23,0%	27,1%	0,0%
R04 Haemorrhage from respiratory passages	0,7%	0,1%	9,9%	27,6%	0,0%
R05 Cough	0,2%	0,0%	9,2%	16,1%	0,0%
R06 Abnormalities of breathing	1,8%	0,3%	17,2%	45,1%	0,2%
R07 Pain in throat and chest	0,3%	0,0%	6,7%	26,6%	0,0%
R09 Other symptoms and signs involving the circulatory and respiratory systems	0,0%	0,0%	41,6%	34,8%	0,0%
R10 Abdominal and pelvic pain	1,7%	0,2%	9,6%	30,7%	0,1%
R11 Nausea and vomiting	0,0%				0,0%
R13 Dysphagia	0,8%	0,0%	4,1%	17,7%	0,0%
R15 Faecal incontinence	0,1%	0,1%	45,9%	61,1%	0,0%
R22.1 Localized swelling, mass and lump, neck	0,1%	0,0%	7,8%	16,0%	0,0%
R26 Abnormalities of gait and mobility	0,1%	0,0%	13,7%	24,2%	0,0%
R29 Other symptoms and signs involving the nervous and musculoskeletal systems	1,1%	0,1%	6,1%	35,1%	0,1%
R31 Unspecified haematuria	0,0%	0,0%	8,3%	21,1%	0,0%
R32 Unspecified urinary incontinence	0,0%	0,0%	5,6%	2,3%	0,0%
R35 Polyuria	0,0%	0,0%	28,9%	19,2%	0,0%
R39 Other symptoms and signs involving the urinary system	0,2%	0,0%	9,4%	26,9%	0,0%
R40 Somnolence, stupor and coma	0,0%	0,0%	25,3%	25,4%	0,0%
R42 Dizziness and giddiness	0,1%	0,0%	9,8%	34,2%	0,0%

R43 Disturbances of smell and taste	0,0%	0,0%	4,0%	70,7%	0,0%
R47 Speech disturbances, not elsewhere classified	0,0%	0,0%	2,5%	11,9%	0,0%
R49 Voice disturbances	0,8%	0,0%	4,8%	20,0%	0,0%
R50 Fever of other and unknown origin	0,4%	0,1%	24,3%	38,8%	0,1%
R51 Headache	0,0%	0,0%	5,8%	36,0%	0,0%
R52 Pain, not elsewhere classified	1,2%	0,1%	10,4%	31,1%	0,1%
R53 Malaise and fatigue	0,8%	0,1%	14,8%	35,6%	0,1%
R54 Senility	2,1%	1,0%	45,4%	49,8%	0,6%
R55 Syncope and collapse	0,7%	0,1%	14,3%	31,2%	0,1%
R56 Convulsions, not elsewhere classified	0,5%	0,1%	22,5%	44,5%	0,1%
R59 Enlarged lymph nodes	0,2%	0,0%	8,3%	27,2%	0,0%
R60 Oedema, not elsewhere classified	0,1%	0,0%	14,8%	28,4%	0,0%
R62 Lack of expected normal physiological development	0,0%	0,0%	30,3%	33,6%	0,0%
R63 Symptoms and signs concerning food and fluid intake	0,5%	0,1%	21,3%	33,5%	0,1%
R68 Other general symptoms and signs	5,3%	0,1%	2,3%	33,9%	0,1%
R69 Unknown and unspecified causes of morbidity	13,6%	0,3%	1,9%	34,5%	0,3%
R70-R79 Abnormal findings on examination of blood, without diagnosis	1,1%	0,2%	14,3%	33,3%	0,1%
R87 Abnormal findings in specimens from female genital organs	0,6%	0,0%	6,5%	18,1%	0,0%
R95-R99 ill-defined and unknown causes of mortality	0,0%				0,0%
S00-S09 Injuries to the head	2,0%	0,3%	13,9%	37,0%	0,2%
S10-S19 Injuries to the neck	0,1%	0,0%	21,4%	48,5%	0,0%
S20-S29 Injuries to the thorax	0,4%	0,2%	41,0%	49,7%	0,1%
S30-S39 Injuries to the abdomen, lower back, lumbar spine and pelvis	0,4%	0,2%	51,1%	40,1%	0,1%
S40-S49 Injuries to the shoulder and upper arm	1,0%	0,3%	35,3%	41,5%	0,2%
S50-S59 Injuries to the elbow and forearm	0,3%	0,1%	36,9%	41,5%	0,1%
S60-S69 Injuries to the wrist and hand	1,3%	0,2%	18,6%	31,5%	0,1%
S70-S79 Injuries to the hip and thigh	2,5%	2,2%	85,2%	62,4%	1,5%
S80-S89 Injuries to the knee and lower leg	0,7%	0,3%	46,6%	46,8%	0,2%
S90-S99 Injuries to the ankle and foot	1,1%	0,4%	34,8%	47,3%	0,2%
T00-T07 Injuries involving multiple body regions	0,9%	0,2%	22,4%	38,0%	0,1%
T08-T14 Injuries to unspecified part of trunk, limb or body region	5,1%	0,4%	8,3%	34,1%	0,3%
T15-T19 Effects of foreign body entering through natural orifice	0,1%	0,0%	8,5%	27,6%	0,0%
T20-T32 Burns and corrosions	0,1%	0,0%	28,3%	59,6%	0,0%
T33-T35 Frostbite	0,0%	0,0%	50,6%	2,7%	0,0%

T36-T50 Poisoning by drugs, medicaments and biological substances	0,6%	0,0%	7,4%	22,1%	0,0%
T51-T65 Toxic effects of substances chiefly nonmedicinal as to source	0,0%	0,0%	5,8%	18,4%	0,0%
T66-T78 Other and unspecified effects of external causes	0,4%	0,1%	17,7%	25,6%	0,0%
T79-T79 Certain early complications of trauma	0,0%	0,0%	33,8%	48,6%	0,0%
T80-T88 Complications of surgical and medical care, not elsewhere classified	1,2%	0,7%	54,8%	66,7%	0,5%
T90-T98 Sequelae of injuries, of poisoning and of other consequences of external causes	0,8%	0,2%	20,1%	43,1%	0,1%
Z00-Z13 Persons encountering health services for examination and investigation	3,8%	0,3%	8,6%	28,7%	0,2%
Z20-Z29 Persons with potential health hazards related to communicable diseases	0,0%	0,0%	4,1%	1,5%	0,0%
Z30-Z39 Persons encountering health services in circumstances related to reproduction	4,1%	0,7%	17,3%	46,4%	0,5%
Z40-Z54 Persons encountering health services for specific procedures and health care	10,6%	2,7%	25,7%	49,2%	1,8%
Z80-Z99 Persons with potential health hazards related to family and personal history and certain conditions influencing health status	9,6%	0,3%	3,0%	22,1%	0,5%