

Supplementary Appendix

Supplementary Table 1: ICD-10 chapter to read diagnosis code chapter descriptions and mapping

ICD-10 Chapter	ICD-10 Chapter description	ICD codes (inclusive)	Read diagnosis chapter description	Read diagnosis chapter code (1st character)
1	Certain infectious and parasitic diseases	A00–B99	Infectious and parasitic diseases	A
2	Neoplasms	C00–D48	Neoplasms	B
3	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50–D89	Diseases of the blood and blood-forming organs	D
4	Endocrine, nutritional, and metabolic diseases	E00–E90	Endocrine, nutritional, and metabolic diseases	C
5	Mental and behavioural disorders	F00–F99	Mental disorders	E
6	Diseases of the nervous system	G00–G99	Nervous system and sense organ diseases	F
7	Diseases of the eye and adnexa	H00–H59	Nervous system and sense organ diseases	F
8	Diseases of the ear and mastoid process	H60–H95	Nervous system and sense organ diseases	F
9	Diseases of the circulatory system	I00–I99	Circulatory system diseases	G
10	Diseases of the respiratory system	J00–J99	Respiratory system diseases	H
11	Diseases of the digestive system	K00–K93	Digestive system diseases	J
12	Diseases of the skin and subcutaneous tissue	L00–L99	Skin and subcutaneous tissue diseases	M
13	Diseases of the musculoskeletal system and connective tissue	M00–M99	Musculoskeletal and connective tissue diseases	N
14	Diseases of the genitourinary system	N00–N99	Genitourinary system diseases	K
17	Congenital malformations, deformations, and chromosomal abnormalities	Q00–Q99	Congenital anomalies	P
19	Injury, poisoning and certain other consequences of external causes	S00–T98	Injury and poisoning	S
20	External causes of morbidity and mortality	V01–Y98	External causes of morbidity and mortality	U

