

Supplementary File 2: Top 15 causes of death, per end-of-life trajectory.

	Terminal Illness ICD10 Code, Description, Frequency (%)	Organ Failure ICD10 Code, Description, Frequency (%)	End-of-life Trajectory		Other ICD10 Code, Description, Frequency (%)
			Frailty ICD10 Code, Description, Frequency (%)	Sudden Death ICD10 Code, Description, Frequency (%)	
1	C349, Malignant neoplasm of bronchus and lung, 24578 (19.7%)	J449, Chronic obstructive pulmonary disease, unspecified, 9,347 (7.8%)	I251, Atherosclerotic heart disease, 23841 (31.9%)	W76, Other accidental hanging and strangulation, 1876 (9.9%)	A419, Sepsis, unspecified, 3172 (15.1%)
2	C799, Secondary malignant neoplasm, unspecified site, 17749 (14.2%)	I10, Essential (primary) hypertension, 7790 (6.5%)	J189, Pneumonia, unspecified, 11979 (16.0%)	R97, Abnormal tumour markers, 1764 (9.3%)	W18, Other fall on same level, 2323 (11.1%)
3	C800, Malignant neoplasm, primary site unknown, so stated, 7544 (6.0%)	I5009, Heart Failure, 7342 (6.1%)	F03, Unspecified dementia, 9178 (12.3%)	X42, Accidental poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified, 1485 (7.8%)	W19, Unspecified fall, 2169 (10.3%)
4	C259, Malignant neoplasm pancreas part unspecified, 5612 (4.5%)	I6409, Stroke, not specified as haemorrhage or infarction, 6704 (5.6%)	I2199, Acute myocardial infarction, 8133 (10.9%)	W80, Inhalation and ingestion of other objects causing obstruction of respiratory tract, 871 (4.6%)	R999, Other ill-defined and unspecified causes of mortality, 1384 (6.6%)
5	C61, Malignant neoplasm of prostate, 5313 (4.3%)	I489, Atrial fibrillation and flutter, 4465 (3.7%)	I259, Chronic ischaemic heart disease, unspecified, 2815 (3.8%)	X41, Accidental poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified, 853 (4.5%)	W10, Fall on and from stairs and steps, 753 (3.6%)
6	C189, Malignant neoplasm colon, unspecified, 4463 (3.6%)	E149, Unspecified diabetes mellitus without (mention of) complication, 3637 (3.0%)	J690, Pneumonitis due to food and vomit, 2585 (3.5%)	X590, Exposure to unspecified factor causing fracture, 840 (4.4%)	R688, Other specified general symptoms and signs, 684 (3.3%)
7	C509, Malignant neoplasm of breast, 4370 (3.5%)	J841, Other interstitial pulmonary diseases with fibrosis, 2884 (2.4%)	G309, Alzheimer's disease, unspecified, 1509 (2.0%)	X45, Accidental poisoning by and exposure to alcohol, 793 (4.2%)	W01, Fall on same level from slipping, tripping and stumbling, 540 (2.6%)
8	C159, Malignant lesion oesophagus unspecified, 2308 (1.8%)	N390, Urinary tract infection, site not specified, 2630 (2.2%)	G2009, Parkinson's disease, 1370 (1.8%)	X44, Accidental poisoning by and exposure to other and unspecified drugs, medicaments and biological substances, 710 (3.7%)	R53, Malaise and fatigue, 529 (2.5%)
9	N189, Chronic kidney disease, unspecified, 2251 (1.8%)	F179, Mental and behavioural disorders due to use of tobacco, unspecified mental and behavioural disorder, 2554 (2.1%)	R54, Senility, 1240 (1.7%)	X599, Exposure to unspecified factor causing other and unspecified injury, 454 (2.4%)	R13, Dysphagia, 483 (2.3%)

10	C859, Non-Hodgkin's lymphoma, unspecified type, 2145 (1.7%) C679, Malignant neoplasm of bladder, unspecified, 2105 (1.7%)	K746, Other and unspecified cirrhosis of liver, 2313 (1.9%)	I255, Ischaemic cardiomyopathy, 1143 (1.5%)	V892, Person injured in unspecified traffic motor-vehicle accident, 421 (2.2%)	F329, Depressive episode, unspecified, 474 (2.3%)
11		N19, Unspecified kidney failure, 2268 (1.9%)	G301, Alzheimer's disease with late onset, 880 (1.2%)	W34, Accidental discharge and malfunction from other and unspecified firearms and guns, 412 (2.2%)	R568, Other and unspecified convulsions, 303 (1.4%)
12	C900, Multiple myeloma, 2101 (1.7%)	I350, Aortic (valve) stenosis, 2097 (1.8%)	A047, Enterocolitis due to Clostridium difficile, 873 (1.2%)	T405, Poisoning by cocaine, 345 (1.8%)	W06, Fall involving bed, 291 (1.4%)
13	C169, Malignant neoplasm stomach unspecified, 1897 (1.5%)	I709, Generalized and unspecified atherosclerosis, 2066 (1.7%)	I250, Atherosclerotic cardiovascular disease, so described, 512 (0.7%)	X80, Intentional self-harm by jumping from a high place, 269 (1.4%)	R572, Septic shock, 277 (1.3%)
14	C439, Malignant melanoma of skin, unspecified, 1883 (1.5%)	I469, Cardiac arrest, unspecified, 2005 (1.7%)	A099, Gastroenteritis and colitis of unspecified origin, 418 (0.6%)	X47, Accidental poisoning by and exposure to other gases and vapours, 236 (1.2%)	R092, Respiratory arrest, 276 (1.3%)
15	C56, Malignant neoplasm of ovary, 1841 (1.5%)	K922, Gastrointestinal haemorrhage, unspecified, 1763 (1.5%)	I214, Acute subendocardial myocardial infarction, 417 (0.6%)	W79, Inhalation and ingestion of food causing obstruction of respiratory tract, 235 (1.2%)	R64, Cachexia, 273 (1.3%)