

## Specifications of the public health theme tables (hlth\_cd\_pbt)

### Amenable and preventable deaths

Amenable and preventable deaths are different dimensions of avoidable mortality. Avoidable mortality: A death is considered avoidable if, in the light of medical knowledge and technology or in the light of understanding of the determinants of health at the time of death, all or most deaths from that cause (subject to age limits if appropriate) could be avoided through good quality healthcare (amenable mortality) or by public health interventions in the broadest sense (preventable mortality). More precisely:

- **A death is amenable if, in the light of medical and technology at the time of death, all or most deaths from that cause could be avoided through good quality healthcare (ONS, 2011).**
- **A death is preventable if, in the light of understanding of the determinants of health at the time of death, all or most deaths from that cause (subject to age limits if appropriate) could be avoided by public health interventions in the broadest sense (ONS, 2011).**

The list of preventable and amenable deaths was calculated according to a list of ICD codes and specific age groups compiled by the Eurostat Task Force on Satellite Lists (final report issued in June 2014). The complete list of ICD codes will be annexed to the metadata for users' information once the data is disseminated on Eurobase.

Disclaimers: Both, the amenable mortality indicator and the preventable indicator are aimed to be used in a global context of *peer reviewed health system performance assessments*. They provide a warning signal of potential shortcomings in health systems but is not intended to be a definitive measure for monitoring health care across member states.

**Table 1: Total amenable deaths**

Total amenable deaths	Group of cause included in total amenable deaths	ICD-10 codes	Age to be used for calculation
	Tuberculosis	A15-A19, B90	0-74
	Selected invasive bacterial and protozoal infections	A38-A41, A46, A481, B50-B54, G00, G03, J02, L03	0-74
	Hepatitis C	B171, B182	0-74
	HIV/AIDS	B20-B24	TOTAL
	Malignant neoplasm of colon and rectum	C18-C21	0-74
	Malignant melanoma of skin	C43	0-74
	Malignant neoplasm of breast	C50	0-74
	Malignant neoplasm of cervix uteri	C53	0-74

Malignant neoplasm of bladder	C67	0-74
Malignant neoplasm of thyroid gland	C73	0-74
Hodgkin's disease	C81	0-74
Leukaemia	C91, C920	0-44
Benign neoplasms	D10-D36	0-74
Diabetes mellitus	E10-E14	0-49
Epilepsy and status epilepticus	G40-G41	0-74
Rheumatic and other valvular heart disease	I01-I09	0-74
Hypertensive diseases	I10-I15	0-74
Ischaemic heart disease	I20-I25	0-74
Cerebrovascular diseases	I60-I69	0-74
Influenza (including swine flu)	J09-J11	0-74
Pneumonia	J12-J18	0-74
Asthma	J45-J46	0-74
Gastric and duodenal ulcer	K25-K28	0-74
Acute abdomen, appendicitis, intestinal obstruction, cholecystitis/lithiasis, pancreatitis, hernia	K35-K38, K40-K46, K80-K83, K85, K861-K869, K915	0-74
Nephritis and nephrosis	N00-N07, N17-N19, N25-N27	0-74
Obstructive uropathy and prostatic hyperplasia	N13, N20-N21, N35, N40, N991	0-74
Complications of perinatal period	P00-P96, A33	TOTAL
Congenital malformations, deformations and chromosomal anomalies	Q00-Q99	0-74
Misadventures to patients during surgical and medical care	Y60-Y69, Y83-Y84	TOTAL

**Table 2: Total preventable death**

<b>Total preventable death</b>	<b>Condition group and cause</b>	<b>ICD-10 codes</b>	<b>Age to be used for calculation</b>
	Tuberculosis	A15-A19, B90	0-74
	Hepatitis C	B171, B182	0-74
	HIV/AIDS	B20-B24	TOTAL
	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	0-74
	Malignant neoplasm of oesophagus	C15	0-74
	Malignant neoplasm of stomach	C16	0-74
	Malignant neoplasm of colon and rectum	C18-C21	0-74
	Malignant neoplasm of liver	C22	0-74
	Malignant neoplasm of trachea, bronchus and lung	C33-C34	0-74
	Malignant melanoma of skin	C43	0-74
	Mesothelioma	C45	0-74
	Malignant neoplasm of breast	C50	0-74
	Malignant neoplasm of cervix uteri	C53	0-74
	Diabetes mellitus	E10-E14	0-49
	Alcohol related diseases, excluding external causes	F10, G312, G621, I426, K292, K70, K73, K740-K742, K746, K860	0-74
	Illicit drug use disorders	F11-F16, F18-F19	0-74
	Ischaemic heart disease	I20-I25	0-74
	DVT with pulmonary embolism	I26, I801-I803, I809, I829	0-74
	Aortic aneurysm and dissection	I71	0-74
	Influenza (including swine flu)	J09-J11	0-74

	Pneumonia	J12-J18	0-74
	Chronic obstructive pulmonary disorder	J40-J44	0-74
	Transport Accidents	V01-V99	TOTAL
	Accidental Injury	W00-X59	TOTAL
	Suicide and self inflicted injuries	X60-X84, Y10-Y34	TOTAL
	Homicide/Assault	X85-Y09	TOTAL
	Misadventures to patients during surgical and medical care	Y60-Y69, Y83-Y84	TOTAL

**Table 3: Breakdown by group of cause for infectious disease**

Group of cause	ICD 10 codes	Age group
<b>Certain infectious diseases</b>	A00-A40, A42-B99	TOTAL
<b>Other septicaemia</b>	A41	TOTAL
<b>Pneumonia, organism not specified</b>	J18	TOTAL
<b>Other infectious diseases</b>	G00, G03-G04, G06, G08-G09, H00-H01, H10, H16, H20, H30, H46, H60, H65-H66, H68, H70, I00-I02, I30, I33, I38, I40, I80, J00-J16, J20-J22, J31-J32, J36-J37, J40-J42, J85-J86, K04-K05, K20, K29, K35-K37, K61, K65, K73, K75, K81, K85, L00-L08, M00, M02, N10-N12, N15, N30, N34, N39, N41, N45, N49, N61, N70-N73, N75-N76, O23, O85-O86, O91, O98, P35-P39, R50	TOTAL

**Information on tables hlth\_cd\_tro and hlth\_cd\_troeu :** Quality of data on transport accidents might be affected by the comparability of coding practice. Hence, data on transport accidents is not published if the number of other or unspecified deaths (ACC\_TRNS\_OTHER) is above 35% of all transport deaths (=V01-V99).