

Natural death

ICD-9		Recommendation	ICD-10	
Description	Code		Description	Code
All natural death	001-799	IPH	All natural death	A00-R99
Infectious and parasitic diseases	001-139	CDC, EUROSTAT, CBS & VG	Infectious and parasitic diseases	A00-B99
Intestinal infectious diseases	001-009	IPH	Intestinal infectious diseases	A00-A09
Salmonella	002-003	CDC	Salmonella	A01-A02
Tuberculosis	010-018, 137	EUROSTAT, CBS & VG	Tuberculosis	A15-A19, B90
Anthrax	022	IPH	Anthrax	A22
Tetanus	037	IPH	Tetanus	A35
Meningococcal infection	036	CDC, EUROSTAT, CBS & VG	Meningococcal infection	A39
Septicemia	038	CDC	Septicemia	A40-A41
Syphilis	090-097	CDC	Syphilis	A50-A53
Measles	055	CDC	Measles	B05
Rubella	056	IPH	Rubella	B06
Viral hepatitis	070	CDC, EUROSTAT, CBS & VG	Viral hepatitis	B15-B19
		CDC, EUROSTAT, CBS & VG New cause in ICD-10, not available in ICD-9	Human immunodeficiency virus (HIV) disease	B20-B24
Malaria	084	CDC	Malaria	B50-B54

Natural death: continuation

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Description	Code		Description	Code
Neoplasms	140-239	CDC, EUROSTAT, CBS & VG	Neoplasms	C00-D48
All malignant neoplasms	140-208	CDC, EUROSTAT & CBS	All malignant neoplasms	C00-C97
Malignant neoplasms of lip, oral cavity & pharynx	140-149	CDC, EUROSTAT & CBS	Malignant neoplasms of lip, oral cavity & pharynx	C00-C14
Malignant neoplasm of oesophagus	150	CDC, EUROSTAT & CBS	Malignant neoplasm of oesophagus	C15
Malignant neoplasm of stomach	151	CDC, EUROSTAT & CBS	Malignant neoplasm of stomach	C16
Malignant neoplasms of colon, rectum & anus	153-154	CDC & VG	Malignant neoplasms of colon, rectum & anus	C18-C21
Malignant neoplasms of liver & intrahepatic bile ducts	155	CDC & EUROSTAT	Malignant neoplasms of liver & intrahepatic bile ducts	C22
Malignant neoplasm of pancreas	157	CDC, EUROSTAT & CBS	Malignant neoplasm of pancreas	C25
Malignant neoplasm of larynx	161	CDC & CBS	Malignant neoplasm of larynx	C32
Malignant neoplasms of trachea, bronchus & lung	162	CDC, CBS & VG	Malignant neoplasms of trachea, bronchus & lung	C33-C34
Malignant neoplasms of bone & articular cartilage	170	IPH	Malignant neoplasms of bone & articular cartilage	C40-C41
Malignant melanoma of skin	172	CDC, EUROSTAT, CBS & VG	Malignant melanoma of skin	C43
Mesothelioma	163	IPH	Mesothelioma	C45

Natural death: continuation

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Code	Code		Description	
Malignant neoplasm of other connective & soft tissue	171	IPH	Malignant neoplasm of other connective & soft tissue	C49
Malignant neoplasm of breast	174-175	CDC, EUROSTAT, CBS & VG	Malignant neoplasm of breast	C50
Malignant neoplasm of cervix uteri	180	CDC, EUROSTAT & CBS	Malignant neoplasm of cervix uteri	C53
Malignant neoplasm of corpus uteri & uterus, part unspecified	179, 182	CDC, EUROSTAT & CBS	Malignant neoplasm of corpus uteri & uterus, part unspecified	C54-C55
Malignant neoplasm of ovary Remove from list ICD-9 because exact code is 183.0 (4° digit)	183	CDC, EUROSTAT & CBS	Malignant neoplasm of ovary	C56
Malignant neoplasm of prostate	185	CDC, EUROSTAT, CBS & VG	Malignant neoplasm of prostate	C61
Malignant neoplasm of testis	186	IPH	Malignant neoplasm of testis	C62
		This cause was not in list ICD-9 because 4° digit. Added because is also in list EUROSTAT & CBS	Malignant neoplasm of kidney	C64
Malignant neoplasm of bladder	188	CDC, EUROSTAT & CBS	Malignant neoplasm of bladder	C67
Malignant neoplasms of meninges, brain & other parts of central nervous system	191-192	CDC	Malignant neoplasms of meninges, brain & other parts of central nervous system	C70-C72
Malignant neoplasm of thyroid gland	193	IPH	Malignant neoplasm of thyroid gland	C73
Malignant neoplasm without specification of site	199	IPH	Malignant neoplasm without specification of site	C80

Natural death: continuation

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Description	Code		Description	Code
Malignant neoplasms of lymphoid, hematopoietic & related tissue	200-208	CDC, EUROSTAT & VG	Malignant neoplasms of lymphoid, hematopoietic & related tissue	C81-C96
Hodgkin's disease	201	CDC	Hodgkin's disease	C81
Leukemia	204-208	CDC & VG	Leukemia	C91-C95
Diseases of the blood and blood-forming organs & certain disorders involving the immune mechanism	279-289	EUROSTAT: added "immu" to ICD-9 so comparable with ICD-10	Diseases of the blood and blood-forming organs & certain disorders involving the immune mechanism	D50-D89
Anemias	280-285	CDC	Anemias	D50-D64
Endocrine, nutritional and metabolic diseases	240-278	EUROSTAT & CBS: dropped "immu" in ICD-9 so comparable with ICD-10	Endocrine, nutritional and metabolic diseases	E00-E90
Disorders of thyroid gland	240-246	IPH	Disorders of thyroid gland	E00-E07
Diabetes mellitus	250	CDC, EUROSTAT, CBS & VG	Diabetes mellitus	E10-E14
Mental and behavioural disorders	290-319	CDC, EUROSTAT, VG & CBS	Mental and behavioural disorders	F00-F99
Dementia	290, 298, 331	IPH	Dementia	F00-F03
Mental and behavioural disorders due to alcohol abuse (including alcoholic psychosis)	291, 303	EUROSTAT	Mental and behavioural disorders due to alcohol abuse (including alcoholic psychosis)	F10
Mental and behavioural disorders due to pharmacodependance and drug addiction	304-305	EUROSTAT	Mental and behavioural disorders due to pharmacodependance and drug addiction	F11-F16, F18-F19

Natural death: continuation

ICD-9		Explanation	ICD-10	
Description	Code		Description	Code
Diseases of the nervous system & of sense organs	320-389	EUROSTAT & CBS:	Diseases of the nervous system & of sense organs	G00-H95
Meningitis	320-322	EUROSTAT & CBS	Meningitis	G00-G03
Parkinson's disease	332	CDC & CBS	Parkinson's disease	G20-G21
		This cause was not in list ICD-9 because 4° digit. Added because is also in list CDC	Alzheimer's disease	G30
Multiple sclerosis	340	IPH	Multiple sclerosis	G35
Epilepsie	345	IPH	Epilepsy	G40-G41
Diseases of the circulatory system	390-459	CDC, EUROSTAT, CBS & VG	Diseases of the circulatory system	I00-I99
Hypertension	401-404	VG & IPH	Hypertensive diseases	I10-I13, I15
Ischemic heart diseases	410-414	EUROSTAT, CBS & VG	Ischemic heart diseases	I20-I25
Acute myocardial infarction	410	CDC & CBS	Acute myocardial infarction	I21-I22
Heart failure	428	CDC & VG	Heart failure	I50
Cerebrovascular diseases	430-438	EUROSTAT, CBS & VG	Cerebrovascular diseases	I60-I69

Natural death: continuation

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Description	Code		Description	Code
Diseases of the respiratory system	460-519	CDC, EUROSTAT, CBS & VG	Diseases of the respiratory system	J00-J99
Pneumonia and influenza	480-487	CDC, IPH & VG	Influenza and pneumonia	J10-J18
Influenza	487	CDC, EUROSTAT & CBS	Influenza	J10-J11
Pneumonia	480-486	CDC, EUROSTAT & CBS	Pneumonia	J12-J18
Chronic lower respiratory diseases	490-494, 496	CDC, EUROSTAT & CBS	Chronic lower respiratory diseases	J40-J47
Bronchitis, chronic and not specified	490-491	CDC	Bronchitis, chronic and not specified	J40-J42
Asthma	493	CDC, EUROSTAT & CBS	Asthma	J45-J46
Diseases of the digestive system	520-579	CDC, EUROSTAT, CBS & VG	Diseases of the digestive system	K00-K93
Gastric and duodenal ulcer	531-534	CDC, EUROSTAT & CBS	Gastric and duodenal ulcer	K25-K28
Diseases of appendix	540-543	CDC	Diseases of appendix	K35-K38
Abdominal hernia	550-553	CDC	Abdominal hernia	K40-K46
Chronic liver disease and cirrhosis	571	CDC, EUROSTAT & CBS	Chronic liver disease and cirrhosis	K70, K73- K74

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Description	Code		Description	Code
Diseases of the genitourinary system	580-629	CDC, EUROSTAT, CBS & VG	Diseases of the genitourinary system	N00-N99
Nephritis, nephropathy	580-589	CDC	Nephritis, nephritic syndrome & nephrosis	N00-N07, N17-N19, N25-N27
Diseases of the kidney & ureter	580-594	EUROSTAT	Diseases of the kidney & ureter	N00-N29
Infections of the kidneys	590	CDC	Infections of kidney	N10-N12, N13.6, N15.1
Diseases of the genital organs of men	600-608	IPH	Diseases of male genital organs	N40-N51
Hyperplasia of prostate	600	CDC	Hyperplasia of prostate	N40
Inflammatoir disorders of pelvis organs of women	614-616	CDC	Inflammatory diseases of female pelvic organs	N70-N76
Complications of pregnancy, childbirth & puerperium	630-676	CDC, EUROSTAT, CBS & VG	Complications of pregnancy, childbirth & puerperium	O00-O99
Diseases of the skin and subcutaneous tissue	680-709	CDC, EUROSTAT, CBS & VG	Diseases of the skin and subcutaneous tissue	L00-L99
Diseases of musculoskeletal system & connective tissue	710-739	CDC, EUROSTAT, CBS & VG	Diseases of musculoskeletal system & connective tissue	M00-M99
Congenital malformations & chromosomal abnormalities	740-759	CDC, EUROSTAT, CBS & VG	Congenital malformations & chromosomal abnormalities	Q00-Q99
Certain disorders origin situated in perinatal period	760-779	CDC & EUROSTAT	Certain disorders origin situated in perinatal period	P00-P96
Symptoms, signs and morbid conditions ill-defined	780-799	CDC, EUROSTAT, CBS & VG	Symptoms, signs and morbid conditions ill-defined	R00-R99

Non-natural death

ICD-9		Explanation	ICD-10	
Description	Code		Description	Code
All non-natural death	800-999	CDC, CBS	All non-natural death	V01-Y98
Transport accidents	800-848	EUROSTAT, CBS & VG	Transport accidents	V01-V99
Motor vehicle accidents	810-825	CDC & VG	Motor vehicle accidents at land	V01-V89
Accidental poisoning	850-869	CDC, EUROSTAT & CBS	Accidental poisoning	X40-X49
Accidental fall	880-888	CDC, EUROSTAT	Accidental fall	W01-W19
Suicide	950-959	VG	Suicide	X60-X84
Homicide	960-969	VG	Homicide	X85-Y09
Event of undetermined intent	980-989	VG	Event of undetermined intent	Y10-Y34

References

CDC: Comparability of cause of death between ICD-9 and ICD-10: Preliminary estimates.
By Robert N. Anderson, Arialdi M. Miniño, Donna L. Hoyert and Harry M; Rosenberg
National Vital Statistics Report, Vol. 49, No. 2, 2001

EUROSTAT: « Liste européenne succincte » - G. Pavillon (INSERM, France)

CBS: Centraal Bureau voor de Statistiek, Nederland
BELDO-list

VG: Vlaams Agentschap Zorg en Gezondheid
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