



***Data and Biospecimen Use and
Publications Committee***

CODEBOOK FOR SCCS MORTALITY DATA

Updated February 2024

Variable Name	Variable Description and Coding	Comments																																																																					
NDI_Recode	<p data-bbox="506 164 1535 293">Investigators may request that an NDI_Recode flag or flags corresponding to the primary cause of death as described below be added as a part of an approved analysis dataset. We are not able to release specific causes of death indications other than the NDI recode record flags listed.</p> <table border="1" data-bbox="506 337 1535 1365"> <thead> <tr> <th data-bbox="506 337 625 367">Value</th> <th data-bbox="659 337 842 367">Description</th> <th data-bbox="1226 337 1499 367">ICD10 mortality codes</th> </tr> </thead> <tbody> <tr><td>001</td><td>Salmonella infections</td><td>A01-A02</td></tr> <tr><td>002</td><td>Shigellosis and amebiasis</td><td>A03, A06</td></tr> <tr><td>003</td><td>Certain other intestinal infections</td><td>A04, A07-A09</td></tr> <tr><td>004</td><td>Tuberculosis</td><td>A16-A19</td></tr> <tr><td>005</td><td>Respiratory tuberculosis</td><td>A16</td></tr> <tr><td>006</td><td>Other tuberculosis</td><td>A17-A19</td></tr> <tr><td>007</td><td>Whooping cough</td><td>A37</td></tr> <tr><td>008</td><td>Scarlet fever and erysipelas</td><td>A38, A46</td></tr> <tr><td>009</td><td>Meningococcal infection</td><td>A39</td></tr> <tr><td>010</td><td>Septicemia</td><td>A40-A41</td></tr> <tr><td>011</td><td>Syphilis</td><td>A50-A53</td></tr> <tr><td>012</td><td>Acute poliomyelitis</td><td>A80</td></tr> <tr><td>013</td><td>Arthropod-borne viral encephalitis</td><td>A83-A84, A85.2</td></tr> <tr><td>014</td><td>Measles</td><td>B05</td></tr> <tr><td>015</td><td>Viral hepatitis</td><td>B15-B19</td></tr> <tr><td>016</td><td>Human immunodeficiency virus (HIV) disease</td><td>B20-B24</td></tr> <tr><td>017</td><td>Malaria</td><td>B50-B54</td></tr> <tr><td>018</td><td>Other and unspecified infectious and parasitic diseases and their sequelae</td><td>A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0, A85.1, A85.8, A86, B04, B06-B09, B25-B49, B55-B99</td></tr> <tr><td>019</td><td>Malignant neoplasms</td><td>C00-C97</td></tr> <tr><td>020</td><td>Malignant neoplasm of lip, oral cavity and pharynx</td><td>C00-C14</td></tr> <tr><td>021</td><td>Malignant neoplasm of esophagus</td><td>C15</td></tr> <tr><td>022</td><td>Malignant neoplasm of stomach</td><td>C16</td></tr> </tbody> </table>	Value	Description	ICD10 mortality codes	001	Salmonella infections	A01-A02	002	Shigellosis and amebiasis	A03, A06	003	Certain other intestinal infections	A04, A07-A09	004	Tuberculosis	A16-A19	005	Respiratory tuberculosis	A16	006	Other tuberculosis	A17-A19	007	Whooping cough	A37	008	Scarlet fever and erysipelas	A38, A46	009	Meningococcal infection	A39	010	Septicemia	A40-A41	011	Syphilis	A50-A53	012	Acute poliomyelitis	A80	013	Arthropod-borne viral encephalitis	A83-A84, A85.2	014	Measles	B05	015	Viral hepatitis	B15-B19	016	Human immunodeficiency virus (HIV) disease	B20-B24	017	Malaria	B50-B54	018	Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54-A79, A81-A82, A85.0, A85.1, A85.8, A86, B04, B06-B09, B25-B49, B55-B99	019	Malignant neoplasms	C00-C97	020	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	021	Malignant neoplasm of esophagus	C15	022	Malignant neoplasm of stomach	C16	<p data-bbox="1577 164 1833 293"><i>Will not be released for all participants. Specify recode values of interest.</i></p>
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NDI_Recode	023 Malignant neoplasms of colon, rectum and anus C18-C21	
	024 Malignant neoplasms of liver and intrahepatic bile ducts C22	
	025 Malignant neoplasm of pancreas C25	
	026 Malignant neoplasm of larynx C32	
	027 Malignant neoplasms of trachea, bronchus and lung C33-C34	
	028 Malignant melanoma of skin C43	
	029 Malignant neoplasm of breast C50	
	030 Malignant neoplasm of cervix uteri C53	
	031 Malignant neoplasms of corpus uteri and uterus, part unsp C54-C55	
	032 Malignant neoplasm of ovary C56	
	033 Malignant neoplasm of prostate C61	
	034 Malignant neoplasms of kidney and renal pelvis C64-C65	
	035 Malignant neoplasm of bladder C67	
	036 Malignant neoplasms of meninges, brain & other CNS C70-C72	
	037 Malignant neoplasms of lymphoid, hematopoietic and related tissue C81-C96	
	038 Hodgkin's disease C81	
	039 Non Hodgkin's lymphoma C82-C85	
	040 Leukemia C91-C95	
	041 Multiple myeloma and immunoproliferative neoplasms C88, C90	
	042 Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue C96	
043 All other and unspecified malignant neoplasms C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C63, C66, C68-C69, C73-C80, C97		
044 In situ neoplasms, benign neoplasm and neoplasms of uncertain or unknown behavior D00-D48		

Variable Name	Variable Description and Coding		Comments
NDI_Recode	045	Anemias	D50-D64
	046	Diabetes mellitus	E10-E14
	047	Nutritional deficiencies	E40-E64
	048	Malnutrition	E40-E46
	049	Other nutritional deficiencies	E50-E64
	050	Meningitis	G00, G03
	051	Parkinson's disease	G20-G21
	052	Alzheimer's disease	G30
	053	Major cardiovascular diseases	I00-I78
	054	Diseases of heart	I00-I09, I11, I13, I20-I51
	055	Acute rheumatic fever and chronic rheumatic diseases	I00-I09
	056	Hypertensive heart disease	I11
	057	Hypertensive heart and renal disease	I13
	058	Ischemic heart diseases	I20-125
	059	Acute myocardial infarction	I21-122
	060	Other acute ischemic heart diseases	I24
	061	Other forms of chronic ischemic heart disease	I20, I25
	062	Atherosclerotic cardiovascular disease, so described	I25.0
	063	All other forms of chronic ischemic heart disease	I20, I25.1-I25.9
	064	Other heart diseases	I26-I51
	065	Acute and subacute endocarditis	I33
	066	Diseases of pericardium and acute myocarditis	I30-131, I40
	067	Heart failure	I50
	068	All other forms of heart disease	I26-128, I34-138, I42-149, I5
	069	Essential hypertension and hypertensive renal disease	I10, I12, I15
	070	Cerebrovascular diseases	I60-169
	071	Atherosclerosis	I70
	072	Other diseases of circulatory system	I71-178
	073	Aortic aneurysm and dissection	I71

Variable Name	Variable Description and Coding	Comments
NDI_Recode	074 Other diseases of arteries, arterioles and capillaries I72-178	
	075 Other disorders of circulatory system I80-I99	
	076 Influenza and pneumonia J09-J18	
	077 Influenza J09-J11	
	078 Pneumonia J12-J18	
	079 Other acute lower respiratory infections J20-J22, U04	
	080 Acute bronchitis and bronchiolitis J20-J21	
	081 Other and unspecified acute lower respiratory infections J22, U04	
	082 Chronic lower respiratory diseases J40-J47	
	083 Bronchitis, chronic and unspecified J40-J42	
	084 Emphysema J43	
	085 Asthma J45-J46	
	086 Other chronic lower respiratory diseases J44, J47	
	087 Pneumoconioses and chemical effects J60-J66, J68	
	088 Pneumonitis due to solids and liquids J69	
	089 Other diseases of respiratory system J00-J06, J30-J39, J67, J70-J9	
	090 Peptic ulcer K25-K28	
	091 Diseases of appendix K35-K38	
	092 Hernia K40-K46	
	093 Chronic liver disease and cirrhosis K70, K73-K74	
094 Alcoholic liver disease K70		
095 Other chronic liver disease and cirrhosis K73-K74		
096 Cholelithiasis and other disorders of gallbladder K80-K82		
097 Nephritis, nephrotic syndrome and nephrosis N00-N07, N17-N19, N25-N27		
098 Acute & rapidly progressive nephritic & nephrotic syndrome N00-N01, N04		
099 Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified N02-N03, N05-N07, N26		
100 Renal failure N17-N19		

Variable Name	Variable Description and Coding		Comments	
NDI_Recode	101	Other disorders of kidney	N25, N27	
	102	Infections of kidney	N10-N12, N13.6, N15.1	
	103	Hyperplasia of prostate	N40	
	104	Inflammatory diseases of female pelvic organs	N70-N76	
	105	Pregnancy, childbirth and the puerperium	O00-O99	
	106	Pregnancy with abortive outcome	O00-O07	
	107	Other complications of pregnancy, childbirth	O10-O99	
	107	and the puerperium		
	108	Certain conditions originating in the perinatal	P00-P96	
	108	period		
	109	Congenital malformations, deformations and	Q00-Q99	
	109	chromosomal abnormalities		
	110	Symptoms, signs and abnormal clinical and	R00-R99	
	110	laboratory findings, not elsewhere classified		
111	All other diseases (Residual)	D65-E07, E15-E34, E65-F99, G04-G14, G23-G25, G31-H93, K00-K22, K29-K3I, K50-K66, K71-K72, K75-K76, K83-M99, N13.0-N13.5, N13.7-N13.9, N14, N15.0, N15.8-N15.9, N20-N23, N28-N39, N4I-N64, N80-N98		
112	Accidents (unintentional injuries)			
113	Transport accidents			
114	Motor vehicle accidents			
			V01-X59, Y85-Y86	
			V01-V99, Y85	
			V02-V04, V09.0, V09.2,	
			V12-V14, V19.0-V19.2,	
			V19.4-V19.6, V20-V79,	
			V80.3-V80.5, V81.0-V81.1,	
			V82.0-V82.1, V83-V86,	
			V87.0-V87.8, V88.0-V88.8,	
		V89.0, V89.2		

Variable Name	Variable Description and Coding		Comments	
NDI_Recode	115	Other land transport accidents	V01, V05-V06, V09.1, V09.3-V09.9, V10-V11, V15-V18, V19.3, V19.8-V19.9, V80.0-V80.2, V80.6-V80.9, V81.2-V81.9, V82.2-V82.9, V87.9, V88.9, V89.1, V89.3, V89.9	
	116	Water, air and space, and other and unspecified transport accidents and their sequelae	V90-V99, Y85	
	117	Nontransport accidents	W00-X59, Y86	
	118	Falls	W00-W19	
	119	Accidental discharge of firearms	W32-W34	
	120	Accidental drowning and submersion	W65-W74	
	121	Accidental exposure to smoke, fire and flames	X00-X09	
	122	Accidental poisoning and exposure to noxious substances	X40-X49	
	123	Other and unspecified non-transport accidents and their sequelae	W20-W31, W35-W64, W75-W99, X10-X39, X50-X59, Y86	
	124	Intentional self-harm (suicide)	U03, X60-X84, Y87.0	
	125	Intentional self-harm (suicide) by discharge of firearms	X72-X74	
	126	Intentional self-harm (suicide) by other and unspecified means and their sequelae	U03, X60-X71, X75-X84, Y87.0	
	127	Assault (homicide)	U01-*U02, X85-Y09, Y87.1	
	128	Assault (homicide) by discharge of firearms	U01.4, X93-X95	
	129	Assault (homicide) by other and unspecified means and their sequelae	U01.0-U01.3, U01.5-U01.9, U02, X85-X92, X96-Y09, Y87.1	
	130	Legal intervention	Y35, Y89.0	
131	Events of undetermined intent	Y10-Y34, Y87.2, Y89.9		

Variable Name	Variable Description and Coding	Comments
	132 Discharge of firearms, undetermined intent Y22-Y24	
	133 Other and unspecified events of undetermined	
	intent and their sequelae Y34, Y87.2, Y89.9	
	134 Operations of war and their sequelae Y36, Y89.1	
	135 Complications of medical and surgical care Y40-Y84, Y88	

References

1. National Death Index, National Center for Health Statistics, Centers for Disease Control and Prevention, Department of Health and Human Services. *National Death Index User's Guide*. 2009.
2. National Death Index, National Center for Health Statistics, Centers for Disease Control and Prevention, Department of Health and Human Services. *Coded Causes of Death*. 2005.