

**Mortality and Cause of Death<sup>1,2,3</sup> in the Sister Study: Data Release 8.1**

Cause of Death <sup>3</sup>	TOTAL		Confirmed		Not Yet Confirmed <sup>1</sup>	
	N	%	N	%	N	%
<b>Total Mortality<sup>2</sup></b>	2295	100.0%	2003	87.3%	292	12.7%
<b>Cancer</b>	1036	45.1%	952	47.5%	84	28.8%
Breast cancer	106	4.6%	102	5.1%	4	1.4%
Reproductive Cancer	163	7.1%	151	7.5%	12	4.1%
Ovarian, fallopian tube and primary peritoneal cancer	113	4.9%	103	5.1%	10	3.4%
Endometrial/Uterine cancer	40	1.7%	38	1.9%	2	0.7%
Other reproductive cancer	10	0.4%	10	0.5%	0	0.0%
Non-reproductive Cancer	692	30.2%	639	31.9%	53	18.2%
Gastroesophageal cancer	27	1.2%	26	1.3%	1	0.3%
Colon and Rectum cancer	46	2.0%	43	2.1%	3	1.0%
Liver cancer	10	0.4%	10	0.5%	0	0.0%
Gallbladder and biliary tract cancer	18	0.8%	18	0.9%	0	0.0%
Pancreas cancer	109	4.7%	95	4.7%	14	4.8%
Bronchus or Lung cancer	232	10.1%	220	11.0%	12	4.1%
Melanoma	20	0.9%	19	0.9%	1	0.3%
Connective and soft tissue cancer, incl mesothelioma	18	0.8%	16	0.8%	2	0.7%
Kidney/Renal pelvis cancer	18	0.8%	17	0.8%	1	0.3%
Brain cancer	50	2.2%	47	2.3%	3	1.0%
Non-Hodgkin's lymphoma	26	1.1%	24	1.2%	2	0.7%
Multiple Myeloma	26	1.1%	20	1.0%	6	2.1%
Acute myeloblastic leukemia	19	0.8%	18	0.9%	1	0.3%
Other lymphoid, hematopoietic, or immunoproliferative malignancies	18	0.8%	17	0.8%	1	0.3%
Other non-reproductive cancers <sup>4</sup>	55	2.4%	49	2.4%	6	2.1%
Multiple Primaries and Unspecified Primary	75	3.3%	60	3.0%	15	5.1%
<b>Non-cancer disorders</b>	995	43.4%	942	47.0%	53	18.2%
Circulatory system disorders	400	17.4%	376	18.8%	24	8.2%
Myocardial infarction	46	2.0%	44	2.2%	2	0.7%
Chronic ischemic heart disease	86	3.7%	86	4.3%	0	0.0%
Cardiac arrest	12	0.5%	11	0.5%	1	0.3%
Heart failure	28	1.2%	24	1.2%	4	1.4%
Other circulatory	113	4.9%	109	5.4%	4	1.4%
Stroke	100	4.4%	89	4.4%	11	3.8%
Other and unspecified cardio- and cerebrovascular	15	0.7%	13	0.6%	2	0.7%
Respiratory disorders	172	7.5%	161	8.0%	11	3.8%
COPD	85	3.7%	82	4.1%	3	1.0%
Other respiratory disorders	87	3.8%	79	3.9%	8	2.7%
Dementia	89	3.9%	84	4.2%	5	1.7%
Alzheimer's	44	1.9%	41	2.0%	3	1.0%
Other dementias	45	2.0%	43	2.1%	2	0.7%
Nervous system disorders	76	3.3%	73	3.6%	3	1.0%
Parkinson's	20	0.9%	17	0.8%	3	1.0%

Cause of Death <sup>3</sup>	TOTAL		Confirmed		Not Yet Confirmed <sup>1</sup>	
	N	%	N	%	N	%
Motor neuron disease	25	1.1%	25	1.2%	0	0.0%
Other nervous system disorders	31	1.4%	31	1.5%	0	0.0%
Endocrine/Metabolic disorders	54	2.4%	52	2.6%	2	0.7%
Diabetes, Type II	34	1.5%	33	1.6%	1	0.3%
Other endocrine/metabolic	20	0.9%	19	0.9%	1	0.3%
Digestive disorders	68	3.0%	67	3.3%	1	0.3%
Urinary system disorders	31	1.4%	30	1.5%	1	0.3%
Infection and Parasitic diseases	53	2.3%	51	2.5%	2	0.7%
Other non-cancer disorders	52	2.3%	48	2.4%	4	1.4%
<b>Injury and other external causes</b>	<b>105</b>	<b>4.6%</b>	<b>97</b>	<b>4.8%</b>	<b>8</b>	<b>2.7%</b>
<b>Unknown cause</b>	<b>159</b>	<b>6.9%</b>	<b>12</b>	<b>0.6%</b>	<b>147</b>	<b>50.3%</b>

<sup>1</sup>Reported mortality as of 9/23/2018; NDI results including confirmation of vital status are current up to 12/31/2017; Priority for cause of death when cause is reported by multiple sources: Medical record>NDI>Death Certificate>Next of Kin

<sup>2</sup>No exclusions due to prebaseline cancer of any type, including breast cancer (LCIS, DCIS, or invasive)

<sup>3</sup>For cause of mortality ICD10 codes see: [Mortality table ICD10 codes](#); Note: Ovarian cancer includes ovarian (C56), fallopian tube (C57.0) and primary peritoneal (C48 excl C48.0, D48.4).

<sup>4</sup>Excludes: Other lymphoid, hematopoietic, or immunoproliferative malignancies