

**Mortality and Cause of Death<sup>1,2,3</sup> in the Sister Study: Data Release 7**

Cause of Death <sup>3</sup>	TOTAL		Confirmed		Not Yet Confirmed <sup>1</sup>	
	N	%	N	%	N	%
<b>Total Mortality</b>	1955	100.0%	1736	<b>88.8%</b>	219	<b>11.2%</b>
<b>Cancer</b>	903	<b>46.2%</b>	850	49.0%	53	24.2%
Breast cancer	99	5.1%	94	5.4%	5	2.3%
Reproductive Cancer	143	<b>7.3%</b>	138	7.9%	5	2.3%
Ovarian, fallopian tube and primary peritoneal cancer	99	5.1%	95	5.5%	4	1.8%
Endometrial/Uterine cancer	35	1.8%	34	2.0%	1	0.5%
Other reproductive cancer	9	0.5%	9	0.5%	0	0.0%
Non-reproductive Cancer	602	<b>30.8%</b>	566	32.6%	36	16.4%
Gastroesophageal cancer	26	1.3%	26	1.5%	0	0.0%
Colon and Rectum cancer	41	2.1%	39	2.2%	2	0.9%
Liver cancer	10	0.5%	9	0.5%	1	0.5%
Gallbladder and biliary tract cancer	17	0.9%	14	0.8%	3	1.4%
Pancreas cancer	90	4.6%	82	4.7%	8	3.7%
Bronchus or Lung cancer	201	10.3%	192	11.1%	9	4.1%
Melanoma	17	0.9%	17	1.0%	0	0.0%
Connective and soft tissue cancer, incl mesothelioma	17	0.9%	14	0.8%	3	1.4%
Kidney/Renal pelvis cancer	17	0.9%	15	0.9%	2	0.9%
Brain cancer	43	2.2%	42	2.4%	1	0.5%
Non-Hodgkin's lymphoma	24	1.2%	23	1.3%	1	0.5%
Multiple Myeloma	19	1.0%	18	1.0%	1	0.5%
Acute myeloblastic leukemia	17	0.9%	17	1.0%	0	0.0%
Other lymphoid, hematopoietic, or immunoproliferative malignancies	14	0.7%	14	0.8%	0	0.0%
Other non-reproductive cancers <sup>4</sup>	49	2.5%	44	2.5%	5	2.3%
Multiple Primaries and Unspecified Primary	59	<b>3.0%</b>	52	3.0%	7	3.2%
<b>Non-cancer disorders</b>	836	<b>42.8%</b>	791	45.6%	45	20.5%
Circulatory system disorders	346	<b>17.7%</b>	326	18.8%	20	9.1%
Myocardial infarction	36	1.8%	36	2.1%	0	0.0%
Chronic ischemic heart disease	75	3.8%	75	4.3%	0	0.0%
Cardiac arrest	12	0.6%	12	0.7%	0	0.0%
Heart failure	23	1.2%	19	1.1%	4	1.8%
Other circulatory	102	5.2%	99	5.7%	3	1.4%
Stroke	88	4.5%	76	4.4%	12	5.5%
Other and unspecified cardio- and cerebrovascular	10	0.5%	9	0.5%	1	0.5%
Respiratory disorders	136	<b>7.0%</b>	129	7.4%	7	3.2%
COPD	73	3.7%	69	4.0%	4	1.8%
Other respiratory disorders	63	3.2%	60	3.5%	3	1.4%
Dementia	65	<b>3.3%</b>	60	3.5%	5	2.3%
Alzheimer's	32	1.6%	28	1.6%	4	1.8%
Other dementias	33	1.7%	32	1.8%	1	0.5%
Nervous system disorders	66	<b>3.4%</b>	62	3.6%	4	1.8%
Parkinson's	16	0.8%	13	0.7%	3	1.4%

Cause of Death <sup>3</sup>	TOTAL		Confirmed		Not Yet Confirmed <sup>1</sup>	
	N	%	N	%	N	%
Motor neuron disease	24	1.2%	23	1.3%	1	0.5%
Other nervous system disorders	26	1.3%	26	1.5%	0	0.0%
Endocrine/Metabolic disorders	46	<b>2.4%</b>	46	2.6%	0	0.0%
Diabetes, Type II	29	1.5%	29	1.7%	0	0.0%
Other endocrine/metabolic	17	0.9%	17	1.0%	0	0.0%
Digestive disorders	58	<b>3.0%</b>	57	3.3%	1	0.5%
Urinary system disorders	28	<b>1.4%</b>	27	1.6%	1	0.5%
Infection and Parasitic diseases	48	<b>2.5%</b>	42	2.4%	6	2.7%
Other non-cancer disorders	43	<b>2.2%</b>	42	2.4%	1	0.5%
<b>Injury and other external causes</b>	90	<b>4.6%</b>	85	4.9%	5	2.3%
<b>Unknown cause</b>	126	<b>6.4%</b>	10	0.6%	116	53.0%

<sup>1</sup>Reported mortality as of 9/15/2017; NDI results including confirmation of vital status are current up to 12/31/2016; 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 including prebaseline breast cancer (any type)

<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