

**Mortality and Cause of Death^{1,2} among 1st incident³ DCIS or invasive breast cancer events in the Sister Study:
Data Release 8.1**

Cause of Death ²	TOTAL		Confirmed		Not Yet Confirmed ¹	
	N	%	N	%	N	%
Total Mortality	240	100.0%	208	86.7%	32	13.3%
Cancer	162	67.5%	150	72.1%	12	37.5%
Breast cancer	103	42.9%	100	48.1%	3	9.4%
Reproductive Cancer	17	7.1%	16	7.7%	1	3.1%
Ovarian, fallopian tube and primary peritoneal cancer	11	4.6%	10	4.8%	1	3.1%
Endometrial/Uterine cancer	5	2.1%	5	2.4%	0	0.0%
Other reproductive cancer	1	0.4%	1	0.5%	0	0.0%
Non-reproductive Cancer	27	11.3%	22	10.6%	5	15.6%
Gastroesophageal cancer	3	1.3%	3	1.4%	0	0.0%
Colon and Rectum cancer	2	0.8%	1	0.5%	1	3.1%
Liver cancer	1	0.4%	1	0.5%	0	0.0%
Gallbladder and biliary tract cancer	0	0.0%	0	0.0%	0	0.0%
Pancreas cancer	4	1.7%	2	1.0%	2	6.3%
Bronchus or Lung cancer	10	4.2%	10	4.8%	0	0.0%
Melanoma	2	0.8%	2	1.0%	0	0.0%
Connective and soft tissue cancer, incl mesothelioma	1	0.4%	0	0.0%	1	3.1%
Kidney/Renal pelvis cancer	0	0.0%	0	0.0%	0	0.0%
Brain cancer	0	0.0%	0	0.0%	0	0.0%
Non-Hodgkin's lymphoma	0	0.0%	0	0.0%	0	0.0%
Multiple Myeloma	1	0.4%	0	0.0%	1	3.1%
Acute myeloblastic leukemia	1	0.4%	1	0.5%	0	0.0%
Other lymphoid, hematopoietic, or immunoproliferative malignancies	2	0.8%	2	1.0%	0	0.0%
Other non-reproductive cancers ⁴	0	0.0%	0	0.0%	0	0.0%
Multiple Primaries and Primary Unspecified	15	6.3%	12	5.8%	3	9.4%
Non-cancer disorders	59	24.6%	56	26.9%	3	9.4%
Circulatory system disorders	25	10.4%	23	11.1%	2	6.3%
Myocardial infarction	2	0.8%	2	1.0%	0	0.0%
Chronic ischemic heart disease	8	3.3%	8	3.8%	0	0.0%
Cardiac arrest	1	0.4%	1	0.5%	0	0.0%
Heart failure	2	0.8%	2	1.0%	0	0.0%
Other circulatory	7	2.9%	7	3.4%	0	0.0%
Stroke	4	1.7%	3	1.4%	1	3.1%
Other and unspecified cardio- and cerebrovascular	1	0.4%	0	0.0%	1	3.1%
Respiratory disorders	7	2.9%	7	3.4%	0	0.0%
COPD	0	0.0%	0	0.0%	0	0.0%
Other respiratory disorders	7	2.9%	7	3.4%	0	0.0%
Dementia	4	1.7%	4	1.9%	0	0.0%
Alzheimer's	1	0.4%	1	0.5%	0	0.0%
Other dementias	3	1.3%	3	1.4%	0	0.0%
Nervous system disorders	3	1.3%	3	1.4%	0	0.0%
Parkinson's	0	0.0%	0	0.0%	0	0.0%
Motor neuron disease	0	0.0%	0	0.0%	0	0.0%

Cause of Death ²	TOTAL		Confirmed		Not Yet Confirmed ¹	
	N	%	N	%	N	%
Other nervous system disorders	3	1.3%	3	1.4%	0	0.0%
Endocrine/Metabolic disorders	2	0.8%	2	1.0%	0	0.0%
Diabetes, Type II	1	0.4%	1	0.5%	0	0.0%
Other endocrine/metabolic	1	0.4%	1	0.5%	0	0.0%
Digestive disorders	3	1.3%	3	1.4%	0	0.0%
Urinary system disorders	5	2.1%	5	2.4%	1	5.3%
Infection and Parasitic diseases	5	2.1%	5	2.4%	0	0.0%
Other non-cancer disorders	5	2.1%	4	1.9%	1	3.1%
Injury and other external causes	4	1.7%	1	0.5%	3	9.4%
Unknown cause	15	6.3%	1	0.5%	14	43.8%

¹Reported 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

²For 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).

³DCIS or invasive breast cancer (ignores LCIS); excludes those with prebaseline DCIS or invasive breast cancer.

⁴Excludes: Other lymphoid, hematopoietic, or immunoproliferative malignancies