

Sister Study Stomach and Esophageal Cancer Outcomes (any behavior)¹ and Characteristics: Data Release 10.1²

	N	% of cohort
Total Cases³	71	0.1
Timing, Behavior, and Site	N	% of cases
Baseline – Invasive	14	19.7
Esophagus	4	5.6
Stomach	9	12.7
Unknown ⁴	1	1.4
Unknown timing ⁵ – Invasive – Esophagus	1	1.4
Incident	56	78.9
Invasive	55	77.5
Esophagus ⁶	25	35.2
Gastroesophageal junction	1	1.4
Stomach	20	28.2
Unknown ⁷	9	12.7
<i>In situ</i> – Esophagus	1	1.4
Incident	56	
Race/Ethnicity⁸		
Non-Hispanic White	46	82.1
Non-Hispanic Black	9	16.1
Hispanic	0	0.0
Other	1	1.8
Age (in years) at Diagnosis⁹		
Under 50	1	1.8
50-64	21	37.5
65 and older	34	60.7
Diagnosis Confirmation¹⁰		
Medical	24	42.9
NDI Plus or death certificate only	15	26.8
None	17	30.4

Characteristic	N	%
Incident – Medically Confirmed	24	
Stage at Diagnosis¹¹		
0	1	5.3
I	4	21.1
II	1	5.3
III	2	10.5
IV	11	57.9
Missing, cannot stage	5	

¹ Cancer events are defined by the following ICD10 cancer codes: invasive esophagus (C15), invasive stomach (C16), in situ esophagus (D00.1), in situ stomach (D00.2), uncertain behavior of stomach (D37.1). Other ICD10 cancer codes that may be used when stomach or esophagus is indicated as one of the favored primary sites: invasive digestive organ (C26.9), invasive unspecified site (C80), in situ digestive organ (D01.9), uncertain behavior of digestive organ (D37.8, D37.9), unspecified behavior of digestive organ (D49.0).

² Data release 10.1 includes outcomes from follow-up phases that closed on or before 10/12/2020, excluding all data from participants who have withdrawn their data from the study [n=4].

³ Excludes cancer diagnoses where stomach or esophageal site of origin could not be ruled out, but it is not the favored site [n=12].

⁴ Unknown site includes stomach or esophagus.

⁵ Unknown timing represents cases that are unknown if diagnosis at or prior to baseline vs. post-baseline (i.e. incident case)

⁶ Includes diagnosis where there was also possibility of primary stomach cancer [n=1].

⁷ Unknown site includes stomach or esophagus [n=5], diagnoses where uncertain if primary site originates from stomach or esophagus or gastrointestinal stromal tumor (GIST) [n=2], diagnosis where stomach or esophagus is one of favored primary site(s) but other digestive site is possible [n=1], and diagnosis of stomach as one of favored primary site(s) but other site(s) cannot be ruled out [n=1].

⁸ Race/ethnicity: precedence given to Hispanic ethnicity first, then Black race, then other race, then White race

⁹ For those missing age at diagnosis [n=6], age was imputed as the midpoint of the range of plausible ages at diagnosis

¹⁰ Medical confirmation of reported stomach or esophageal cancer is generally from pathology report but may include other medical documentation; National Death Index (NDI) Plus or death certificate confirmation is specific to cases that do not have medical confirmation

¹¹ Stage at diagnosis is only available for cases with medical confirmation