

Sister Study Colon or Rectal Cancer Outcomes (any type)¹ and Characteristics: Data Release 7.2²

Characteristic	N	%
Total Cases³	464	
Timing, Behavior, and Site		
Baseline	203	43.8
Invasive	201	43.3
Appendix	6	1.3
Colon ⁴	31	6.7
Rectosigmoid junction	2	0.4
Rectum	10	2.2
Unknown ⁵	152	32.8
<i>In situ</i>	2	0.4
Colon	1	0.2
Rectosigmoid junction	1	0.2
Unknown timing ⁶ – Invasive – Unknown ⁵	5	1.1
Incident	256	55.2
Invasive	248	53.4
Appendix	11	2.4
Colon ⁷	130	28.0
Rectosigmoid junction	9	1.9
Rectum	26	5.6
Unknown ⁵	72	15.5
<i>In situ</i>	7	1.5
Colon	4	0.9
Rectum	3	0.6
Uncertain behavior - Appendix	1	0.2
Incident	256	
Race/Ethnicity⁸		
Non-Hispanic White	217	84.8
Non-Hispanic Black	19	7.4
Hispanic	12	4.7
Other	8	3.1
Age (in years) at Diagnosis⁹		
Under 50	13	5.1
50-64	111	43.4
65 and older	132	51.6
Diagnosis Confirmation¹⁰		
Medical	146	57.0
NDI Plus or death certificate only	21	8.2
None	89	34.8

Characteristic	N	%
Incident – Medically Confirmed	146	
Stage at Diagnosis¹¹		
0	7	5.3
I	51	38.6
II	34	25.8
III	35	26.5
IV	5	3.8
Missing, cannot stage	14	

¹ Cancer events are defined by the following ICD10 cancer codes: invasive colon (C18), invasive rectosigmoid junction (C19), invasive rectum (C20), in situ colon (D01.0), in situ rectosigmoid junction (D01.1), in situ rectum (D01.2), uncertain behavior of appendix (D37.3), uncertain behavior of colon (D37.4), uncertain behavior of rectum (D37.5). Other ICD10 cancer codes that may be used when colon or rectum is indicated as one of the favored primary sites: invasive intestine (C26.0), invasive digestive organ (C26.9), invasive unspecified site (C80), in situ intestine (D01.4), *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 7.2 includes outcomes from follow-up phases that closed on or before 9/15/2017

³ Excludes cancer diagnoses where colon or rectal site of origin could not be ruled out, but neither is the favored site [n=7].

⁴ Colon sites include: Cecum [n=4]; Ascending [n=4]; Splenic flexure [n=1]; Descending [n=2]; Sigmoid [n=6]; Overlapping sites [n=1]; Not specified [n=13]

⁵ Unknown site generally includes reports of colon or rectum, with the following exceptions: baseline includes unspecified intestine [n=5] and rectum or anus [n=2]; incident includes unspecified intestine [n=2], rectum or anus [n=2], and report of colon with other site(s) possible [n=1]

⁶ Unknown timing represents cases that are unknown if diagnosis at or prior to baseline vs. post-baseline (i.e. incident case)

⁷ Colon sites include: Cecum [n=29]; Ascending [n=28]; Transverse [n=10]; Descending [n=4]; Sigmoid [n=19]; Overlapping sites [n=9]; Not specified [n=31]

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=13], age was imputed as the midpoint of the range of plausible ages at diagnosis

¹⁰ Medical confirmation of reported colon or rectal 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