

Sister Study Bronchus or Lung Cancer Outcomes (any behavior)¹ and Characteristics: Data Release 9.1²

	N	% of cohort
Total Cases³	601	1.2
Timing, Behavior, and Site	N	% of cases
Baseline - Invasive	63	10.5
Upper lobe	3	0.5
Middle lobe	1	0.2
Lower lobe	3	0.5
Unknown ⁴	56	9.3
Unknown timing ⁵	12	2.0
Invasive - Unknown ⁴	11	1.8
<i>In situ</i> – Unknown ⁴	1	0.2
Incident	526	87.5
Invasive	524	87.2
Main bronchus	2	0.3
Upper lobe	98	16.3
Middle lobe	9	1.5
Lower lobe	62	10.3
Overlapping sites	2	0.3
Unknown ⁴	351	58.4
Uncertain behavior - Lung	2	0.3
Incident	526	
Race/Ethnicity⁶		
Non-Hispanic White	464	88.2
Non-Hispanic Black	33	6.3
Hispanic	9	1.7
Other	20	3.8
Age (in years) at Diagnosis⁷		
Under 50	7	1.3
50-64	154	29.3
65 and older	365	69.4
Diagnosis Confirmation⁸		
Medical	204	38.8
NDI Plus or death certificate only	148	28.1
None	174	33.1

Characteristic	N	%
Incident – Medically Confirmed	204	
Stage at Diagnosis⁹		
I	72	41.1
II	15	8.6
III	40	22.9
IV	48	27.4
Missing, cannot stage	29	

¹ Cancer events are defined by the following ICD10 cancer code: invasive bronchus and lung (C34), *in situ* bronchus and lung (D02.2). Other ICD10 cancer codes that may be used when bronchus or lung are indicated as one of the favored primary sites: invasive lower respiratory tract (C39.9), invasive unspecified site (C80), *in situ* respiratory organ (D02.4), uncertain behavior of trachea, bronchus and lung (D38.1), uncertain behavior of respiratory organ (D38.6), unspecified behavior of respiratory organ (D49.1).

² Data release 9.1 includes outcomes from follow-up phases that closed on or before 9/30/2019

³ Excludes bronchus or lung cancers that likely but not definitely originate from carcinoid tumors and diagnoses where a bronchus or lung site of origin could not be ruled out, but neither is the favored site [n=7]

⁴ Unknown site generally includes bronchus or lung - not specified, with the following exceptions: incident includes lung or mesothelioma [n=2] and report of bronchus or lung as one of favored primary site(s) but other site(s) cannot be ruled out [n=3]

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

⁶ Race/ethnicity: precedence given to Hispanic ethnicity first, then Black race, then other race, then White race

⁷ For those missing age at diagnosis [n=52], age was imputed as the midpoint of the range of plausible ages at diagnosis

⁸ Medical confirmation of reported bronchus or lung 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

⁹ Stage at diagnosis is only available for cases with medical confirmation