

Sister Study Thyroid Cancer Outcomes (Any Behavior)¹ and Characteristics: Data Release 11.1²

	N	% of cohort
Total Cases	591	1.2
Timing and Behavior	N	% of cases
Baseline	273	46.2
Invasive	273	46.2
Unknown timing ³	16	2.7
Invasive	16	2.7
Incident	302	51.1
Invasive	299	50.6
Uncertain behavior	3	0.5
Incident	302	
Race/Ethnicity⁴		
Non-Hispanic White	263	87.1
Non-Hispanic Black	13	4.3
Hispanic	20	6.6
Other	6	2.0
Age (in years) at Diagnosis⁵		
Under 50	39	12.9
50-64	151	50.0
65 and older	112	37.1
Diagnosis Confirmation⁶		
Medical	221	73.2
NDI Plus or death certificate only	2	0.7
None	79	26.2
Incident – Medically Confirmed	221	
Stage at Diagnosis⁷		
I	169	84.1
II	26	12.9
III	2	1.0
IV	4	2.0
Missing, cannot stage	20	

¹ Cancer events are defined by the following ICD10 cancer codes: invasive thyroid (C73), uncertain behavior of thyroid (D44.0). Other ICD10 cancer codes that may be used when thyroid is indicated as one of the favored primary sites: invasive endocrine gland (C75.9), invasive unspecified site (C80), *in situ* endocrine gland (D09.3), *in situ* other site (D09.8), uncertain behavior of endocrine gland (D44.9), unspecified behavior of endocrine gland and other part of nervous system (D49.7).

² Data release 11.1 includes outcomes from follow-up phases that closed on or before 9/30/2021, excluding all data from participants who have withdrawn their data from the study [n=5].

³ Unknown timing represents cases that are unknown if diagnosis at or prior to baseline vs. post-baseline (i.e. incident case).

⁴ Race/ethnicity: precedence given to Hispanic ethnicity first, then Black race, then other race, then White race.

⁵ For those missing age at diagnosis [n=5], age was imputed as the midpoint of the range of plausible ages at diagnosis.

- ⁶ Medical confirmation of reported thyroid 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.
- ⁷ TNM stage at diagnosis is only available for cases with medical confirmation and is classified according to the American Joint Committee on Cancer (AJCC) 8th Edition Staging System.