

Sister Study Concordance of Incident Self-Reported Cancer Diagnoses and Medical Records

Table 1: Data Release 9.1¹

Primary Site ²	Incident Self-Reported Diagnosis	Medical Records Received		Medical Record Confirmed ³	
	N	N	%	N	PPV %
Breast Cancer					
DCIS or invasive	4,043	3,281	81.2	3,219	98.1
LCIS	130	92	70.8	82	89.1
Reproductive Cancers					
Ovarian, fallopian tube, and peritoneal	317	213	67.2	171	80.3
Uterine (including endometrial)	445	303	68.1	246	81.2
Cervical	55	34	61.8	20	58.8
Vulvar	29	20	69.0	19	95.0
Vaginal	11	7	63.6	1	14.3
Digestive Cancers					
Colon and rectal (including appendiceal)	366	217	59.3	165	76.0
Small Intestine	8	3	37.5	2	66.7
Anal	25	14	56.0	9	64.3
Pancreatic	171	66	38.6	62	93.9
Biliary tract ⁴	28	14	50.0	14	100
Liver (including intrahepatic bile duct) ⁴	82	40	48.8	11	27.5
Stomach and esophageal	56	23	41.1	15	65.2
Endocrine Gland Cancers					
Thyroid	279	187	67.0	180	96.3
Lower Respiratory and Intrathoracic Cancer					
Bronchus and lung	561	264	47.1	203	76.9
Head and Neck Cancers					
Lip, oral cavity, pharynx, and upper respiratory tract	88	54	61.4	44	81.5

Abbreviations: DCIS=Ductal carcinoma *in situ*; LCIS=Lobular carcinoma *in situ*; PPV=Positive predictive value

¹ Data release 9.1 includes events from follow-up phases that closed on or before 9/30/2019, excluding all data from participants who have withdrawn their data from the study (n=3). To be considered incident, the cancer diagnosis must have occurred after the participant's baseline date.

² Includes all cancers that display invasive behavior (ICD-O-3 behavior code = /3), *in situ* behavior (ICD-O-3 behavior code = /2), or uncertain or borderline behavior (ICD-O-3 behavior code = /1). See specific ICD10 codes for each cancer type [here](#).

³ Describes the number of incident self-reported diagnoses that were confirmed with medical records. Please note that this table does not consider medically confirmed cancer diagnoses that were self-reported as a different primary site. For complete information on total number of all cancer diagnoses regardless of report source or timing, see [here](#).

⁴ Intrahepatic bile duct cancer diagnoses are included in both biliary tract and liver cancer counts.