

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

Table 1: Data Release 10.1¹

Primary Site ²	Incident Self-Reported Diagnosis	Medical Records Received		Medical Record Confirmed ³	
	N	N	%	N	PPV %
Breast Cancer					
DCIS or invasive	4,341	3,626	83.5	3,553	98.0
LCIS	129	100	77.5	89	89.0
Reproductive Cancers					
Ovarian, fallopian tube, and peritoneal	334	236	70.7	189	80.1
Uterine (including endometrial)	475	361	76.0	294	81.4
Cervical	57	40	70.2	25	62.5
Vulvar	31	24	77.4	23	95.8
Vaginal	13	12	92.3	4	33.3
Digestive Cancers					
Colon and rectal (including appendiceal)	400	277	69.3	206	74.4
Small Intestine	11	4	36.4	2	50.0
Anal	32	22	68.8	15	68.2
Pancreatic	186	96	51.6	91	94.8
Biliary tract ⁴	34	16	47.1	16	100
Liver (including intrahepatic bile duct) ⁴	91	49	53.8	13	26.5
Stomach and esophageal	62	33	53.2	21	63.6
Endocrine Gland Cancers					
Thyroid	302	223	73.8	211	94.6
Lower Respiratory and Intrathoracic Cancer					
Bronchus and lung	632	361	57.1	277	76.7
Head and Neck Cancers					
Lip, oral cavity, pharynx, and upper respiratory tract	99	70	70.7	57	81.4
Urinary Cancers					
Kidney	154	108	70.1	94	87.0
Bladder	137	109	79.6	101	92.7
Renal pelvis, ureter, urethra	77	73	94.8	11	15.1

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

¹ Data release 10.1 includes events from follow-up phases that closed on or before 10/12/2020, excluding all data from participants who have withdrawn their data from the study (n=4). 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.