

Registry Identified

Incident cancers from 12 State Cancer Registries	Cases	With DNA	With Blood	With Mouthrinse	With Urine	With Stool
Breast	1665	1337	752	558	434	187
Prostate	1627	1101	669	401	315	213
Lung	2125	1649	1037	569	518	43
Colorectal	1060	840	510	299	269	74
Anus, Anal Canal and Anorectum	69	46	33	13	18	9
Bladder	306	218	135	82	61	32
Bones and Joints	15	12	12	0	7	2
Brain	82	59	38	21	23	1
Cranial Nerves Other Nervous System	5	5	4	1	2	0
Esophagus	156	114	65	49	26	5
Eye and Orbit	10	6	4	2	1	2
Gallbladder and Other Biliary	69	51	34	17	15	0
Hodgkins Disease	35	32	16	15	10	2
Kaposi Sarcoma and other non-melanoma reportable skin cancers	14	7	6	2	0	0
Kidney and Renal Pelvis	442	318	197	114	108	45
Larynx	198	150	89	52	44	14
Leukemia	217	151	89	56	50	16
Liver and Intrahepatic Bile Duct	464	275	154	119	81	9
Malignant Neoplasm w/o Specification of Site	220	180	111	63	46	14
Melanoma	135	78	54	19	21	23
Mesothelioma	9	8	5	3	2	0
Multiple Myeloma	211	162	95	60	50	13
Non-Hodgkins Lymphoma	336	222	135	79	83	32
Nose, Nasal Cavity and Middle Ear	11	10	7	3	4	0
Oral and Pharynx	366	283	186	90	98	21
Other Digestive Organs	21	18	9	8	5	0
Other Endocrine including Thymus	20	18	14	6	7	0
Other Female Genital Organs	75	57	33	23	15	4
Other Male Genital Organs	3	2	2	0	1	1
Other Non-Epithelial Skin	22	17	10	7	6	6
Ovary	106	87	51	32	26	8
Pancreas	381	297	168	118	95	6
Penis	5	4	3	1	1	1
Peritoneum, Omentum and Mesentery	11	7	5	2	2	0
Retroperitoneum	5	3	2	0	2	0
Small Intestine	90	71	49	22	30	8
Soft Tissue including Heart	62	39	21	18	13	4
Stomach	193	153	80	71	47	16
Testis	6	3	2	1	2	0

Thyroid	187	130	75	49	47	25
Trachea, Mediastinum and Other Respiratory Organs	2	1	1	0	0	0
Ureter and Other Urinary Organs	18	10	5	6	3	2
Uterine Body	382	316	181	127	115	36
Uterine Cervix	120	101	53	47	32	4
Total Cancers	11556	8648	5201	3225	2735	878

Incident cancers identified through linkage with the cancer registries were classified according to primary site and histology categories defined by SEER (http://seer.cancer.gov/siterecode/icdo3_d01272003/)

ICD Histology

Incident cancers from 12 State Cancer Registries	ICD-O-3 Code(s)	Histology
Breast	C50	excluding 9050-9055, 9140, 9590-9989
Prostate	C619	excluding 9050-9055, 9140, 9590-9989
Lung	C34	excluding 9050-9055, 9140, 9590-9989
Colorectal	C18, C199, C209, C260	excluding 9050-9055, 9140, 9590-9989
Anus, Anal Canal and Anorectum	C21	excluding 9050-9055, 9140, 9590-9989
Bladder	C67	excluding 9050-9055, 9140, 9590-9989
Bones and Joints	C40-C41	excluding 9050-9055, 9140, 9590-9989
Brain	C71	excluding 9050-9055, 9140, 9530-9539, 9590-9989
Cranial Nerves Other Nervous System	C70, C72	excluding 9050-9055, 9140, 9590-9989
	C71	9530-9539
Esophagus	C15	excluding 9050-9055, 9140, 9590-9989
Eye and Orbit	C69	excluding 9050-9055, 9140, 9590-9989
Gallbladder and Other Biliary	C239, C24	excluding 9050-9055, 9140, 9590-9989
Hodgkins Disease	Any	9650-9667
Kaposi Sarcoma and other non-melanoma reportable skin cancers	C44	excluding 8000-8005, 8010-8045, 8050-8084, 8090-8110, 8720-8790, 9050-9055, 9590-9989
	Any	9140
Kidney and Renal Pelvis	C649, C659	excluding 9050-9055, 9140, 9590-9989
Larynx	C32	excluding 9050-9055, 9140, 9590-9989
Leukemia	C420, C421, C424	9823, 9827
	Any	9733, 9742, 9800, 9801, 9805, 9820, 9826, 9831-9837, 9840, 9860, 9861, 9863, 9866, 9867, 9870-9876, 9891, 9895-9897, 9910, 9920, 9930, 9931, 9940, 9945, 9946, 9948, 9963, 9964
Liver and Intrahepatic Bile Duct	C220, C221	excluding 9050-9055, 9140, 9590-9989
Malignant Neoplasm w/o Specification of Site	Any	9740-9741, 9750-9758, 9760-9769, 9950, 9960-9962, 9970, 9975, 9980, 9982-9987, 9989
	C420-C424, C760-C768, C77, C809	excluding 9050-9055, 9140, 9590-9989
Melanoma	C44	8720-8790
Mesothelioma	Any	9050-9055
Multiple Myeloma	Any	9731, 9732, 9734
Non-Hodgkins Lymphoma	Any	9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729
	Any except C420, C421, C424	9823, 9827
Nose, Nasal Cavity and Middle Ear	C300, C301, C31	excluding 9050-9055, 9140, 9590-9989
Oral and Pharynx	C00-C14	excluding 9050-9055, 9140, 9590-9989
Other Digestive Organs	C268, C269, C488	excluding 9050-9055, 9140, 9590-9989
Other Endocrine including Thymus	C379, C74-C75	excluding 9050-9055, 9140, 9590-9989
Other Female Genital Organs	C529, C51, C57-C58	excluding 9050-9055, 9140, 9590-9989
Other Male Genital Organs	C63	excluding 9050-9055, 9140, 9590-9989

Ovary	C569	excluding 9050-9055, 9140, 9590-9989
Pancreas	C25	excluding 9050-9055, 9140, 9590-9989
Penis	C60	excluding 9050-9055, 9140, 9590-9989
Peritoneum, Omentum and Mesentery	C481, C482	excluding 9050-9055, 9140, 9590-9989
Retroperitoneum	C480	excluding 9050-9055, 9140, 9590-9989
Small Intestine	C17	excluding 9050-9055, 9140, 9590-9989
Soft Tissue including Heart	C380, C47, C49	excluding 9050-9055, 9140, 9590-9989
Stomach	C16	excluding 9050-9055, 9140, 9590-9989
Testis	C62	excluding 9050-9055, 9140, 9590-9989
Thyroid	C739	excluding 9050-9055, 9140, 9590-9989
Trachea, Mediastinum and Other Respiratory Organs	C339, C381-C383, C388, C390, C398, C399	excluding 9050-9055, 9140, 9590-9989
Ureter and Other Urinary Organs	C669, C68	excluding 9050-9055, 9140, 9590-9989
Uterine Body	C54, C559	excluding 9050-9055, 9140, 9590-9989
Uterine Cervix	C53	excluding 9050-9055, 9140, 9590-9989

State Linkages

State	Last Linkage Completed	Last Linkage Complete Through**
Alabama	November 2021	December 2018
Arkansas	March 2022	December 2019
Florida	February 2021	December 2017
Georgia	April 2022	December 2019
Kentucky	May 2022	December 2019
Louisiana	November 2021	December 2019
Mississippi	October 2019	December 2016
North Carolina	July 2019	December 2016
South Carolina	August 2022	December 2019
Tennessee	March 2022	December 2018
Virginia	December 2020	December 2017
West Virginia	November 2021	December 2018

** - As reported by the respective state registries

Death Record Identified

Incident cancers from the National Death Index (NDI) only	NDI Recode	Cases	With DNA	With Blood	With Mouthrinse	With Urine	With Stool
Breast	029	73	64	35	26	22	1
Prostate	033	89	75	47	25	22	3
Trachea, bronchus and lung	027	550	438	245	180	145	14
Colon, rectum and anus	023	149	125	76	50	43	7
Lip, oral cavity and pharynx	020	65	51	33	16	16	2
Esophagus	021	73	44	24	14	15	3
Stomach	022	61	51	36	14	18	3
Liver and intrahepatic bile ducts	024	199	135	86	40	47	6
Pancreas	025	169	132	80	46	45	13
Larynx	026	29	21	16	5	5	1
Melanoma of skin	028	11	8	4	4	1	0
Cervix uteri	030	19	17	13	3	7	0
Corpus uteri and uterus, part unsp	031	56	45	21	26	12	2
Ovary	032	47	43	18	26	10	1
Kidney and Renal Pelvis	034	38	25	14	11	6	1
Bladder	035	46	33	22	7	11	0
Meninges, brain and other CNS	036	37	27	14	13	9	2
Hodgkins Disease	038	5	2	0	2	0	0
Non-Hodgkins Lymphoma	039	44	32	21	9	13	6
Leukemia	040	66	49	27	19	11	3
Multiple myeloma and immunoproliferative neoplasms	041	25	19	5	12	4	0
All other and unspecified malignant neoplasms	043	162	119	69	46	45	7
Total Cancers		2013	1555	906	594	507	75

Incident cancers identified only through linkage with the NDI were classified according to standard ICD-10 definitions for the underlying or contributing (record axis) causes of death

Code Definitions

Incident cancers from the National Death Index (NDI) only	ICD-10 Code(s)	NDI Recode
Breast	C50	029
Prostate	C61	033
Trachea, bronchus and lung	C33-C34	027
Colon, rectum and anus	C18-C21	023
Lip, oral cavity and pharynx	C00-C14	020
Esophagus	C15	021
Stomach	C16	022
Liver and intrahepatic bile ducts	C22	024
Pancreas	C25	025
Larynx	C32	026
Melanoma of skin	C43	028
Cervix uteri	C53	030
Corpus uteri and uterus, part unsp	C54-C55	031
Ovary	C56	032
Kidney and renal pelvis	C64-C65	034
Bladder	C67	035
Meninges, brain and other CNS	C70-C72	036

Lymphoid, hematopoietic and related tissue	C81-C96	037
Hodgkin's disease	C81	038
Non-Hodgkins Lymphoma	C82-C85	039
Leukemia	C91-C95	040
Multiple myeloma and immunoproliferative neoplasms	C88,C90	041
Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue	C96	042
All other and unspecified malignant neoplasms	C17, C23-C24,	043
	C26-C31, C37-C41,	
	C44-C49, C51-C52,	
	C57-C60, C62-C63,	
	C66, C68-C69,	
	C73-C80, C97	

Death Metadata

Total deceased through SSA or NDI:	29812
Deceased with cause of death:	29574
Latest linkage with SSA:	4/24/2020
Latest linkage with NDI (deaths complete through 2022):	12/22/2023