

Registry Identified

Incident cancers from 12 State Cancer Registries	Cases	With DNA	With Blood	With Mouthrinse	With Urine	With Stool
Breast	1559	1247	701	522	401	172
Prostate	1505	1021	616	381	287	194
Lung	1960	1527	952	538	465	33
Colorectal	1011	804	486	288	253	69
Anus, Anal Canal and Anorectum	62	41	29	12	16	8
Bladder	284	202	121	80	55	28
Bones and Joints	15	12	12	0	7	2
Brain	75	53	33	21	20	1
Cranial Nerves Other Nervous System	4	4	3	1	1	0
Esophagus	146	109	62	47	24	5
Eye and Orbit	8	5	3	2	1	1
Gallbladder and Other Biliary	62	47	32	16	13	0
Hodgkins Disease	32	29	13	15	8	2
Kaposi Sarcoma and other non-melanoma reportable skin cancers	14	7	6	2	0	0
Kidney and Renal Pelvis	405	296	182	108	96	38
Larynx	186	138	80	49	43	12
Leukemia	203	140	82	52	43	15
Liver and Intrahepatic Bile Duct	420	248	139	108	73	8
Malignant Neoplasm w/o Specification of Site	216	177	111	59	46	10
Melanoma	126	71	51	17	20	21
Mesothelioma	7	6	4	2	2	0
Multiple Myeloma	196	148	84	58	45	11
Non-Hodgkins Lymphoma	309	204	123	72	78	28
Nose, Nasal Cavity and Middle Ear	11	10	7	3	4	0
Oral and Pharynx	347	267	176	84	90	20
Other Digestive Organs	19	16	9	6	4	0
Other Endocrine including Thymus	19	17	14	5	7	0
Other Female Genital Organs	72	54	31	23	14	4
Other Male Genital Organs	3	2	2	0	1	1
Other Non-Epithelial Skin	19	14	9	4	6	6
Ovary	99	82	48	30	26	8
Pancreas	356	282	160	112	91	5
Penis	5	4	3	1	1	1
Peritoneum, Omentum and Mesentery	10	7	5	2	2	0
Retroperitoneum	4	2	1	0	2	0
Small Intestine	83	66	44	22	27	7
Soft Tissue including Heart	58	37	19	18	11	4
Stomach	182	146	76	69	45	12
Testis	5	3	2	1	2	0

Thyroid	176	125	70	49	45	22
Trachea, Mediastinum and Other Respiratory Organs	2	1	1	0	0	0
Ureter and Other Urinary Organs	15	8	5	4	3	2
Uterine Body	360	295	170	118	106	34
Uterine Cervix	114	96	50	45	31	4
Total Cancers	10764	8070	4827	3046	2515	788

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 2021	December 2018
Florida	February 2021	December 2017
Georgia	April 2021	December 2018
Kentucky	June 2019	December 2017
Louisiana	August 2020	December 2019
Mississippi	October 2019	December 2017
North Carolina	July 2019	December 2016
South Carolina	June 2021	December 2018
Tennessee	February 2021	December 2017
Virginia	December 2020	December 2017
West Virginia	November 2020	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	272	226	122	102	59	0
Prostate	033	172	141	83	55	32	0
Trachea, bronchus and lung	027	1512	1169	728	411	369	0
Colon, rectum and anus	023	390	310	188	124	94	0
Lip, oral cavity and pharynx	020	139	110	67	41	36	0
Esophagus	021	129	93	51	38	29	0
Stomach	022	102	82	45	36	25	0
Liver and intrahepatic bile ducts	024	384	228	140	86	71	0
Pancreas	025	338	273	163	100	83	0
Larynx	026	57	44	30	11	16	0
Melanoma of skin	028	20	14	9	5	2	0
Cervix uteri	030	45	39	21	16	10	0
Corpus uteri and uterus, part unsp	031	92	79	48	32	22	0
Ovary	032	73	60	31	29	19	0
Kidney and Renal Pelvis	034	79	56	39	18	15	0
Bladder	035	82	59	33	28	16	0
Meninges, brain and other CNS	036	74	52	27	25	17	0
Hodgkins Disease	038	8	5	0	5	0	0
Non-Hodgkins Lymphoma	039	94	71	41	27	26	0
Leukemia	040	124	96	54	39	30	0
Multiple myeloma and immunoproliferative neoplasms	041	78	61	33	25	10	1
All other and unspecified malignant neoplasms	043	181	134	73	59	47	0
Total Cancers	4445	3402	2026	1312	1028	1	1

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:	22371
Deceased with cause of death:	22057
Latest linkage with SSA:	4/24/2020
Latest linkage with NDI (deaths complete through 2019):	8/5/2021