

Appendix 2: Lung Cancer Incidence and Mortality by County in Oklahoma

Table 1. Lung Cancer Incidence Rates by County in Oklahoma, 2018-2022

County	Total Number of Lung Cancers	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Adair	91	92.5	72.1
Alfalfa	28	98.3	65.2
Atoka	72	101.7	72.8
Beaver	16	63.0	38.9
Beckham	83	74.5	64.1
Blaine	38	87.5	58.0
Bryan	213	91.7	69.7
Caddo	131	97.5	78.6
Canadian	432	55.2	52.5
Carter	219	91.0	68.5
Cherokee	243	102.5	78.6
Choctaw	75	104.9	66.0
Cimarron			
Cleveland	866	58.7	53.3
Coal	37	140.0	86.7
Comanche	411	67.6	64.9
Cotton	27	98.0	63.7
Craig	89	125.8	82.4
Creek	389	108.0	75.9
Custer	73	51.4	44.2
Delaware	222	108.8	57.7
Dewey	22	97.9	70.8
Ellis	24	127.6	73.6
Garfield	226	72.4	57.5
Garvin	136	105.4	76.7
Grady	217	78.5	59.9
Grant	15	72.2	42.8
Greer	21	76.0	55.7
Harmon	12	96.5	57.0
Harper	20	121.8	82.8
Haskell	91	156.1	101.9
Hughes	67	99.9	72.3
Jackson	73	58.9	47.9
Jefferson	37	136.8	82.6
Johnston	67	129.1	94.9
Kay	238	108.5	76.5
Kingfisher	46	60.3	45.0
Kiowa	40	94.2	61.8
Latimer	71	149.3	92.0
Leflore	229	94.4	68.1

County	Total Number of Lung Cancers	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Lincoln	176	104.5	70.6
Logan	163	65.3	50.6
Love	50	98.6	68.6
McClain	169	79.7	63.1
McCurtain	179	115.8	84.1
Mcintosh	148	154.7	87.3
Major	25	64.9	45.6
Marshall	104	134.3	79.9
Mayes	219	111.4	79.4
Murray	72	104.2	68.1
Muskogee	357	107.2	81.7
Noble	47	85.6	53.9
Nowata	56	118.8	77.6
Okfuskee	76	133.8	93.5
Oklahoma	2547	64.0	58.7
Okmulgee	198	107.3	76.4
Osage	159	69.1	45.0
Ottawa	196	128.8	93.1
Pawnee	106	135.5	89.4
Payne	233	56.8	58.5
Pittsburg	242	110.7	74.8
Pontotoc	177	92.9	69.5
Pottawatomie	394	108.4	86.4
Pushmataha	80	147.6	86.9
Roger Mills	16	93.3	56.4
Rogers	381	79.4	61.9
Seminole	106	89.7	63.7
Sequoyah	224	113.2	79.6
Stephens	222	103.0	67.6
Texas	49	46.3	46.5
Tillman	25	71.4	46.6
Tulsa	2146	64.2	56.5
Wagoner	264	64.2	48.7
Washington	244	92.8	62.6
Washita	48	87.8	64.1
Woods	30	69.4	54.3
Woodward	68	66.6	51.1

*rate per 100,000

Table 2. Lung Cancer Mortality Rates by County in Oklahoma, 2015-2019

County	Total Number of Cancer Deaths	Crude Mortality Rate*	Age-Adjusted Mortality Rate*
Adair	85	82.7	65.3
Alfalfa	21	73.8	49.9
Atoka	56	79.1	55.2
Beaver	11	43.1	29.1
Beckham	62	56.7	48.5
Blaine	30	67.6	43.2
Bryan	135	56.0	42.3
Caddo	100	73.4	56.5
Canadian	285	35.3	33.2
Carter	156	64.5	48.7
Cherokee	172	71.2	53.9
Choctaw	59	81.7	54.1
Cimarron	.	.	.
Cleveland	559	38.0	34.0
Coal	26	96.5	63.2
Comanche	289	47.5	44.7
Cotton	25	90.2	56.3
Craig	44	61.9	40.5
Creek	272	75.3	53.4
Custer	57	40.2	36.8
Delaware	152	72.3	40.4
Dewey	13	57.0	38.8
Ellis	16	85.3	50.2
Garfield	157	51.0	40.4
Garvin	88	66.3	48.7
Grady	179	63.6	48.5
Grant	13	61.8	40.4
Greer	9	32.2	23.1
Harmon	6	48.2	34.4
Harper	6	35.7	21.0
Haskell	63	104.4	67.2
Hughes	54	81.0	58.5
Jackson	55	44.8	36.5
Jefferson	25	88.9	55.7
Johnston	40	75.7	54.0
Kay	171	78.5	53.8
Kingfisher	33	42.6	31.9
Kiowa	39	91.5	63.6
Latimer	32	65.6	39.3
Leflore	183	74.2	53.5
Lincoln	119	69.0	45.6
Logan	117	46.3	34.8

County	Total Number of Cancer Deaths	Crude Mortality Rate*	Age-Adjusted Mortality Rate*
Love	40	78.1	55.4
McClain	106	48.7	40.7
McCurtain	137	86.7	64.5
McIntosh	112	114.8	61.8
Major	19	50.1	34.5
Marshall	73	89.6	53.5
Mayes	138	68.7	49.4
Murray	73	105.5	68.4
Muskogee	241	72.0	54.8
Noble	41	74.7	47.3
Nowata	39	80.6	51.6
Okfuskee	46	80.2	55.1
Oklahoma	1733	43.2	39.2
Okmulgee	150	80.0	56.2
Osage	133	57.5	36.1
Ottawa	145	94.8	69.7
Pawnee	64	79.9	53.7
Payne	165	40.1	40.4
Pittsburg	180	82.5	55.0
Pontotoc	109	57.0	43.7
Pottawatomie	259	70.8	54.8
Pushmataha	59	108.4	61.7
Roger Mills	16	93.3	54.3
Rogers	264	54.8	41.7
Seminole	94	79.0	55.5
Sequoyah	185	91.3	63.7
Stephens	149	68.6	45.4
Texas	29	28.5	28.8
Tillman	17	48.0	30.4
Tulsa	1400	41.9	36.2
Wagoner	199	46.9	35.6
Washington	185	70.2	47.4
Washita	24	44.3	30.8
Woods	23	53.2	41.7
Woodward	48	47.9	37.0

*rate per 100,000

Counts and resulting rates listed as “.” are suppressed due to small numbers.