

Appendix 1: AIAN and NHW Cancer Incidence (2018-2022) and Mortality (2019-2023) by County in Oklahoma**Table 1. AIAN and NH White Cancer Incidence Rates by County in Oklahoma, 2018-2022**

County	Total Number of Cancers, AIAN Population	Age-Adjusted Incidence Rate*, AI/AN Population	Age-Adjusted Incidence Rate*, NHW Population	AIAN/NHW Incidence Rate Ratio
Adair	541	637.6	385.3	1.7
Alfalfa	16	918.1	485.0	1.9
Atoka	113	556.2	412.0	1.4
Beaver	.	.	392.6	.
Beckham	37	680.2	448.9	1.5
Blaine	43	526.5	501.1	1.1
Bryan	333	566.3	446.1	1.3
Caddo	350	610.8	510.1	1.2
Canadian	310	575.0	432.3	1.3
Carter	280	671.1	456.8	1.5
Cherokee	978	645.5	413.5	1.6
Choctaw	168	644.9	455.1	1.4
Cimarron	.	.	418.2	.
Cleveland	647	540.2	408.1	1.3
Coal	51	431.2	402.5	1.1
Comanche	357	563.5	462.7	1.2
Cotton	23	392.5	450.9	0.9
Craig	252	760.4	483.6	1.6
Creek	552	772.6	490.6	1.6
Custer	100	681.2	431.7	1.6
Delaware	613	618.8	369.8	1.7
Dewey	10	363.0	505.6	0.7
Ellis	.	.	416.7	.
Garfield	77	651.6	451.3	1.4
Garvin	168	804.5	518.7	1.6
Grady	172	550.5	407.0	1.4
Grant	13	1590.9	488.1	3.3
Greer	13	896.3	575.9	1.6
Harmon	.	.	451.2	.
Harper	.	.	500.9	.
Haskell	129	599.1	464.3	1.3
Hughes	155	546.7	452.2	1.2
Jackson	36	816.7	457.1	1.8
Jefferson	23	533.5	526.1	1.0
Johnston	114	709.0	450.9	1.6
Kay	269	757.8	490.9	1.5

Kingfisher	29	592.6	539.2	1.1
Kiowa	38	598.9	516.5	1.2
Latimer	143	627.7	477.0	1.3
Le Flore	336	528.5	422.0	1.3
Lincoln	136	557.9	432.7	1.3
Logan	88	574.2	395.0	1.5
Love	46	621.5	430.1	1.4
McClain	164	589.5	502.1	1.2
McCurtain	300	623.5	485.9	1.3
McIntosh	263	634.3	445.7	1.4
Major	.	.	420.3	.
Marshall	112	619.0	468.7	1.3
Mayes	610	791.8	455.8	1.7
Murray	97	529.9	389.2	1.4
Muskogee	864	774.5	481.1	1.6
Noble	51	528.8	459.3	1.2
Nowata	157	841.3	486.4	1.7
Okfuskee	168	715.8	470.0	1.5
Oklahoma	1816	721.3	499.0	1.4
Okmulgee	469	761.9	465.4	1.6
Osage	382	534.5	340.6	1.6
Ottawa	466	752.6	518.3	1.5
Pawnee	140	605.9	506.1	1.2
Payne	210	737.4	456.0	1.6
Pittsburg	387	549.3	422.5	1.3
Pontotoc	475	790.8	470.0	1.7
Pottawatomie	581	745.3	461.9	1.6
Pushmataha	124	523.4	448.6	1.2
Roger Mills	17	1167.1	431.7	2.7
Rogers	871	751.4	420.2	1.8
Seminole	245	543.2	414.4	1.3
Sequoyah	684	702.5	455.8	1.5
Stephens	167	614.7	503.4	1.2
Texas	15	1369.3	454.0	3.0
Tillman	20	767.2	438.4	1.8
Tulsa	2933	849.5	487.6	1.7
Wagoner	469	606.3	399.0	1.5
Washington	401	729.9	422.0	1.7
Washita	24	852.3	428.1	2.0
Woods	.	.	471.2	.
Woodward	24	590.5	379.6	1.6

*rate per 100,000

Table 2. AIAN and NHW Cancer Mortality Rates by County in Oklahoma, 2015-2019

County	Total Number of Cancers, AIAN Population	Age-Adjusted Mortality Rate*, AI/AN Population	Age-Adjusted Mortality Rate*, NHW Population	AIAN/NHW Mortality Rate Ratio
Adair	198	250.6	204.4	1.2
Alfalfa	.	.	162.3	0.0
Atoka	17	91.4	192.4	0.5
Beaver	.	.	128.2	.
Beckham	6	199.2	198.9	1.0
Blaine	22	287.3	215.1	1.3
Bryan	91	172.0	170.4	1.0
Caddo	139	250.1	196.8	1.3
Canadian	53	113.7	157.3	0.7
Carter	83	239.1	196.6	1.2
Cherokee	360	251.5	178.5	1.4
Choctaw	55	239.0	201.6	1.2
Cimarron	.	.	155.2	.
Cleveland	122	114.1	156.0	0.7
Coal	11	107.7	222.3	0.5
Comanche	116	209.4	183.2	1.1
Cotton	12	208.3	211.3	1.0
Craig	47	169.5	187.9	0.9
Creek	126	194.1	194.9	1.0
Custer	27	206.8	187.9	1.1
Delaware	178	199.7	169.3	1.2
Dewey	5	189.8	178.8	1.1
Ellis	.	.	177.7	0.0
Garfield	21	182.1	177.0	1.0
Garvin	42	220.5	221.2	1.0
Grady	39	146.2	175.9	0.8
Grant	.	.	200.5	.
Greer	.	.	195.4	.
Harmon	.	.	212.1	.
Harper	.	.	160.8	.
Haskell	30	143.6	216.9	0.7
Hughes	69	280.0	210.2	1.3
Jackson	7	174.3	188.5	0.9
Jefferson	6	142.7	233.8	0.6
Johnston	32	214.1	174.8	1.2
Kay	66	200.0	200.2	1.0
Kingfisher	.	.	169.2	.
Kiowa	12	175.1	247.9	0.7

Latimer	26	119.2	189.4	0.6
Le Flore	92	157.9	214.6	0.7
Lincoln	40	178.5	182.3	1.0
Logan	12	83.8	159.7	0.5
Love	12	163.4	222.9	0.7
McClain	23	89.2	183.1	0.5
McCurtain	98	216.1	213.3	1.0
McIntosh	77	200.5	187.9	1.1
Major	.	.	178.5	.
Marshall	39	233.9	191.4	1.2
Mayes	212	309.5	183.5	1.7
Murray	41	260.5	191.7	1.4
Muskogee	251	273.1	202.3	1.3
Noble	14	169.3	171.1	1.0
Nowata	31	190.1	218.4	0.9
Okfuskee	59	271.4	247.2	1.1
Oklahoma	386	166.5	175.9	0.9
Okmulgee	140	251.4	199.8	1.3
Osage	121	173.8	173.6	1.0
Ottawa	147	272.7	218.0	1.3
Pawnee	32	152.7	187.1	0.8
Payne	33	155.8	172.0	0.9
Pittsburg	66	104.2	212.4	0.5
Pontotoc	142	301.8	165.4	1.8
Pottawatomie	167	250.4	195.0	1.3
Pushmataha	47	197.8	203.9	1.0
Roger Mills	6	367.5	148.9	2.5
Rogers	134	133.1	166.7	0.8
Seminole	115	283.3	210.0	1.3
Sequoyah	72	77.9	225.5	0.3
Stephens	37	168.1	190.5	0.9
Texas	.	.	192.3	.
Tillman	5	172.0	186.4	0.9
Tulsa	543	177.2	164.6	1.1
Wagoner	131	189.2	147.7	1.3
Washington	92	199.7	178.6	1.1
Washita	7	297.3	163.7	1.8
Woods	.	.	164.1	.
Woodward	.	.	158.8	.

*rate per 100,000