

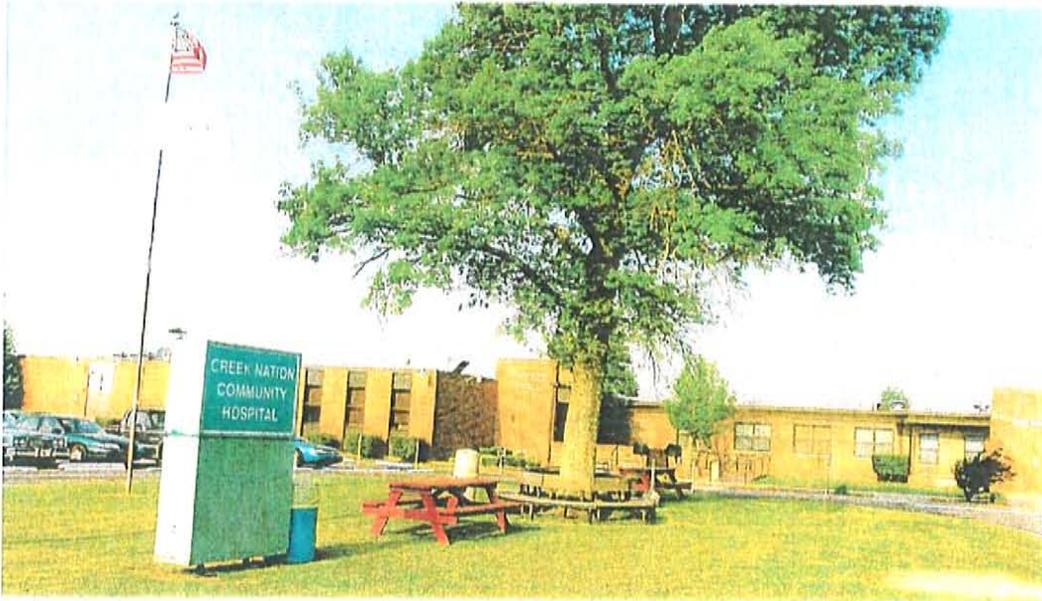
Okemah Health Center  
Creek Nation

Okemah, Oklahoma

Outpatient Service Area

# Okemah Indian Health Center

## Service Area Profile



### A. Location

Service Area  
Communities

(DRIVE TIME MAP)

- Bearden
- Boley
- Castle
- Clearview
- Okemah
- Paden
- Pharoah
- Weleetka

### B. Access

## C. Demographics

### OKEMAH SERVICE UNIT 2004 USER POPULATION ANALYSIS

County	Cherokee	Creek	Delaware	Eastern Shawnee	Miami	Modoc	Ottawa	Peoria	Quapaw	Seneca Cayuga	Wyandotte	All Other
Craig	2,763	50	4	35	16	0	9	14	10	19	32	158
Creek	23	2,558	1	12	5	0	1	12	5	6	1	2,918
Delaware	7,523	103	1	34	15	0	12	18	26	160	94	484
Mayes	8,940	348	0	10	5	0	1	1	13	5	38	735
Nowata	1,619	34	14	4	4	0	0	3	1	2	0	129
Okfuskee	384	2,268	0	3	0	0	0	0	0	3	0	425
Okmulgee	1,173	3,857	0	1	2	0	11	1	3	2	0	844
Ottawa	3,620	114	8	362	232	28	216	224	466	537	349	444
Rogers	7,517	566	13	39	17	0	22	7	39	28	66	1,087
Tulsa	15,312	6,107	28	130	37	0	61	81	74	84	76	6,924
Wagoner	2,419	652	1	6	0	0	5	5	5	2	13	430
Washington	2,572	125	33	9	4	0	0	15	1	12	5	776
	53,865	16,782	103	645	337	28	338	381	643	860	674	15,354

County	2004 Total	2000 Census	User/Census	2014 HSP Projection	User/Proj	Census/Proj
Craig	3,110	2,439	127.51%	3,852	80.74%	63.32%
Creek	5,542	6,120	90.56%	7,806	71.00%	78.40%
Delaware	8,470	8,273	102.38%	10,702	79.14%	77.30%
Mayes	10,096	7,330	137.74%	10,390	97.17%	70.55%
Nowata	1,810	1,750	103.43%	2,555	70.84%	68.49%
Okfuskee	3,083	2,150	143.40%	3,267	94.37%	65.81%
Okmulgee	5,894	5,099	115.59%	6,873	85.76%	74.19%
Ottawa	6,600	5,488	120.26%	7,163	92.14%	76.62%
Rogers	9,401	8,533	110.17%	10,896	86.28%	78.31%
Tulsa	28,914	29,316	98.63%	42,894	67.41%	68.35%
Wagoner	3,538	5,393	65.60%	7,098	49.85%	75.98%
Washington	3,552	4,214	84.29%	5,366	66.19%	78.53%
	90,010	86,105	104.54%	118,862	75.73%	72.44%

## PCPVs by Community of Residence by County to the Okemah Indian Health Center

(2004 CROSSOVER MAP)

### D. Topography and Climate

The topography of the Okemah Service Area is comprised of mostly Blackjack and Post Oak tress in the western part of the county which give way to more hardwood forests in the eastern part. It is known in Oklahoma as the Cross-timbers region of Oklahoma.

Winds across Okfuskee County are predominantly from the south to southeast. The average annual temperature is 16.1 degrees Celsius. For the most part, moderate weather conditions prevail; however, the temperatures do range from 34.4 degrees Celsius in the Summer to -1.7 degrees Celsius in the Winter. The average annual precipitation is 1066.8 mm per year.

The weather is very changeable in temperatures and winds. Tornadoes are not uncommon especially during spring and early summer months.

### E. Housing and Public Facilities

The County of Okfuskee's total population is 11,814 people. The Indian population is 2,150 people. Housing is reasonably abundant in the area. Most Indians within the Service Area live in single family homes either owned by the family or rented.

Okemah, the County Seat, has a post office, numerous grocery stores, convenience stores, cafes and other public facilities such as a golf course, public park, and a city lake. There are local police and fire departments.

Oklahoma is located in the so-called Bible Belt of the United States and nearly every community has an abundance of churches and other places of worship.

Tulsa, with a total population of 393,049, is 88 kilometers from Okfuskee. Okfuskee has commercial airports.

### F. Utilities

The primary source for potable water is from reservoirs. The majority of homes in the rural area are supplied by either wells or rural water systems.

Natural gas for the Okemah Service Area is generally supplied by Oklahoma Natural Gas Company. Rural areas may use bottled gas (propane). A few Indian homes are still heated with wood stoves.

Electricity is supplied by the Public Service Company of Oklahoma in most areas. This source of electrical service is coupled with rural electrical co-ops. Both sources provide electricity to the majority of homes in the area. Oklahoma Gas and Electric supplies other areas in the Service Area such as Bearden and Paden.

Telephone services are widespread and are supplied by the Southwestern Bell Telephone Company in most of the Okemah Service Area; Central Oklahoma Telephone Company services the Castle area; the Valor Telephone Company services Paden. The non-availability of telephone service is not a common problem in this service area. However, many Indian families cannot afford to pay for telephone services, which can be quite expensive in rural areas.

Television is widespread and with the rapid spread of cable and satellite systems, almost every small town has access to cable or satellite television. Otherwise, reception is limited to Tulsa stations and public television.

### **G. Education**

Public Schools are located in every small city or town in the Service Area for grades 1-12. In addition, there is at least one private high school within driving distance of Okemah.

Okemah is served by the Wes Watkins Technology Center, located in Wetumka, 24 kilometers from Okemah. This institution offers training in Nursing, Health Careers Certification, and Computerized Information Technology.

Oklahoma State University is located in Stillwater, 106 kilometers northwest of Okemah. This institution offers both BA and BS degrees in a variety of fields, as well as Masters Degrees in Education, Music, Business and Psychology.

### **H. Economy**

Agriculture is the major employer in the Service Area. Other employment is provided by small manufacturing concerns and government and government enterprises. People living in the northern part of the Service Area are able to commute to Tulsa for work.

Many Indians are employed in local services and trades, or in the governmental services. However, the majority derive their incomes through seasonal labor or part-time employment at relatively low paying jobs.

### **I. Social and Political**

The Muscogee (Creek) are the predominant tribe in the area. The Creek are of the Muskogean language family.

The Muscogee (Creek) people are descendants of a culture that, before 1500 AD spanned the region known today as the Southeastern United States. Early ancestors of the Muscogee constructed magnificent earthen pyramids along the rivers of this region as part of their elaborate

ceremonial complexes. The historic Muscogee later built expansive towns within these same broad river alleys in the present states of Alabama, Georgia, Florida and South Carolina.

The Creek participate in stomp dances. Men and women share traditional communal duties. Fasting and stickball play are important element of the ceremonials. Ceremonial fires burn atop ceremonial ashes carried from the homeland during the removal.

In 1832, the Muscogee leadership exchanged lands in the southeastern United States for new lands in Indian Territory, what is now Oklahoma. In 1836-37, the remaining Muscogee Creeks were moved to Indian Territory. In 1867, the Muscogee people adopted a written constitution that provided for a Principal Chief and a Second Chief, and a judicial branch and a bicameral legislature composed of a House of Kings and a House of Warriors.

In 1971, the Muscogee people, freely elected a Principal Chief. In the decade of the 1970s the leadership of the Muscogee (Creek) Nation drafted and adopted a new constitution, and revitalized the National Council. The present-day tribal headquarters are located in Okmulgee, Oklahoma, where the Mound Building houses the National Council Offices and Judicial Offices.

#### Current Services

-

<b>Building Area Summary...</b>	<u>Template Or Discipline</u>	<u>Net Square Meters</u>	<u>Conversion Factor</u>	<u>Department Gross Square Meters</u>
<b><u>Ambulatory</u></b>				
Dental Care	DC1	330.80	N/A	481.00
Eye Care	EC1	128.20	N/A	163.00
Primary Care	PC2	327.20	N/A	487.00
<b><u>Ancillary</u></b>				
Laboratory	LB1	46.80	N/A	56.00
Pharmacy	PH1	138.00	N/A	168.00
Physical Therapy	PT1	116.20	N/A	149.00
<b><u>FacilitySupport</u></b>				
Facility Management	FM1	81.60	N/A	100.00
<b><u>SupportServices</u></b>				
Education & Group Consultation	EGC	14.00	1.10	15.40
Employee Facilities	EF	80.00	1.20	96.00
Housekeeping & Linen	HL1	25.50	1.10	28.00
Housekeeping & Linen	HL	16.00	1.10	17.60
Property & Supply	PS1	149.70	N/A	160.00
Public Facilities	PF	63.00	1.20	75.60
Department Gross Square Meters				1996.60
Building Circulation & Envelope (.20)				399.32
Floor Gross Square Meters				2395.92
Major Mechanical Space (.12)				287.51
Building Gross Square Meters				2683.43

**Workload Summary...**

	<u>Year</u>	<u>Total Workload</u>	<u>Contracted Due To Acuity Threshold</u>		<u>Unmet Need</u>	<u>Cross over</u>	<u>HSP Facility Workload</u>	<u>Proj. Estimated Facility Workload</u>
<b><u>Acute Care</u></b>								
Medical Bed days	2001	299	90	209				
	2015	362	109	253				
Pediatric Bed days	2001	174	24	150				
	2015	208	29	179				
Surgical Bed days	2001	195	70	125				
	2015	233	84	149				
<b><u>Audiology</u></b>								
Audiology Visits	2001	361			361		361	
	2015	433			433		433	
<b><u>Clinical Engineering</u></b>								
Clinical Engineering	2001	261			261		261	
	2015	315			315		315	
<b><u>Dental Care</u></b>								
Dental Service Minutes	2001	288420			288420		288420	
	2015	348650			348650		348650	
<b><u>Diagnostic Imaging</u></b>								
CT/MRI Exams	2001	21	21					
	2015	26	26					
Fluoroscopy Exams	2001	74		74				
	2015	90		90				
General Radiography	2001	891		891				
	2015	1077		1077				
MAMMOGRAPHY	2001	400		400				
	2015	484		484				
Ultrasound Exams	2001	149		149				
	2015	179		179				
<b><u>Education &amp; Group Consultation</u></b>								
# of staff	2015	43			43		43	
<b><u>Emergency</u></b>								
Emergency Room Visits	2001	1331		1331				
	2015	1612		1612				
<b><u>Eye Care</u></b>								
Optometrist Visits	2001	974		974				
	2015	1183			1183		1183	
<b><u>Facility Management</u></b>								
Service index	2001	8			8		8	
	2015	10			10		10	
<b><u>Housekeeping &amp; Linen</u></b>								
Lbs of Linen	2001	3108			3108		3108	

### Workload Summary...

	<u>Year</u>	<u>Total Workload</u>	<u>Contracted Due To Acuity Threshold</u>		<u>Unmet Need</u>	<u>Cross over</u>	<u>HSP Facility Workload</u>	<u>Projected Estimated Facility Workload</u>
	<b>2015</b>	3755			3755		3755	
<b><u>Intensive Care</u></b>								
Intensive Care bed days	<b>2001</b>	60	28	32				
	<b>2015</b>	70	32	38				
<b><u>Laboratory</u></b>								
Chem/Hema/Immun/Urin	<b>2001</b>	9241	554		8687		8687	
	<b>2015</b>	11164	670		10494		10494	
Histo/Cytology billable	<b>2001</b>	21	21					
	<b>2015</b>	26	26					
Microbiology billable tests	<b>2001</b>	1899	760		1139		1139	
	<b>2015</b>	2294	918		1376		1376	
Transfusion/BB billable	<b>2001</b>	170	3	167				
	<b>2015</b>	205	4	201				
<b><u>Mental Health</u></b>								
Mental Health Visits	<b>2001</b>	483			483		483	
	<b>2015</b>	586			586		586	
<b><u>Pharmacy</u></b>								
Inpatient Pharmacy	<b>2001</b>							
	<b>2015</b>							
Outpatient Pharmacy	<b>2001</b>	141997			141997		141997	
	<b>2015</b>	174633			174633		174633	
<b><u>Physical Therapy</u></b>								
Inpatient Physical Therapy	<b>2001</b>							
	<b>2015</b>							
OUTPATIENT PHYSICAL	<b>2001</b>	1385			1385		1385	
	<b>2015</b>	1675			1675		1675	
<b><u>Primary Care</u></b>								
Primary Care Provider	<b>2001</b>	10612			10612		10612	
	<b>2015</b>	12818			12818		12818	
<b><u>Property &amp; Supply</u></b>								
Storage Index	<b>2001</b>	2706			2706		2706	
	<b>2015</b>	3269			3269		3269	
<b><u>Psychiatric Nursing</u></b>								
Psych Bed days	<b>2001</b>	46	10	36				
	<b>2015</b>	55	12	43				
<b><u>Public Health Nursing</u></b>								
Public Health Nursing	<b>2001</b>	955			955		955	
	<b>2015</b>	1158			1158		1158	
<b><u>Respiratory Therapy</u></b>								

**Workload Summary...**

	<u>Year</u>	<u>Total Workload</u>	<u>Contracted Due To Acuity Threshold</u>		<u>Unmet Need</u>	<u>Cross over</u>	<u>HSP Facility Workload</u>	<u>Proj Estim. Facility Workload</u>
Respiratory Therapy work	2001	8080	8080					
	2015	9763	9763					
<b><u>Specialty Care</u></b>								
Specialist Visits	2001	529	529					
	2015	636	636					
<b><u>Sub-Acute</u></b>								
SubAcute Bed days	2001	233	233					
	2015	289	289					
<b><u>Surgery</u></b>								
Inpatient Episodes	2001	74	21	53				
	2015	93	26	67				
Outpatient Episodes	2001	89	25	64				
	2015	108	30	78				

**Current / Projected User Population... Health Center Service Area - (PC)**

*(Acute Care, Audiology, Dental Care, Diagnostic Imaging, Emergency, Eye Care, Intensive Care, Labor & Delivery/Nursery, Mental Health, Physical Therapy, Primary Care, Psychiatric Nursing, Public Health Nursing, Specialty Care, Sub-Acute, Surgery)*

**CLAREMORE - BEARDEN (OKFUSKEE)**

*M/S: cur) 100.0% prj) 100.0%*

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001												
prj) 2015												
<b>Female</b>												
cur) 2001		1										1
prj) 2015		1										1

**CLAREMORE - BOLEY (OKFUSKEE)**

*M/S: cur) 100.0% prj) 100.0%*

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001	1	2		2		2	1	4	3	3	2	20
prj) 2015	1	2		2		2	1	5	4	4	2	23
<b>Female</b>												
cur) 2001		1	3		3	4	4	1	2	2	1	21
prj) 2015		1	4		4	5	5	1	2	2	1	25

**CLAREMORE - CASTLE (OKFUSKEE)**

*M/S: cur) 100.0% prj) 100.0%*

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001	1	6	3	10	12	4	11	10	3	9	8	77
prj) 2015	1	7	4	12	15	5	13	12	4	11	10	94
<b>Female</b>												
cur) 2001		2	4	5	9	5	7	8	5	7	6	58
prj) 2015		2	5	6	11	6	8	10	6	8	7	69

**CLAREMORE - CLEARVIEW (OKFUSKEE)**

*M/S: cur) 100.0% prj) 100.0%*

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001			4		1	1	2	1		1	1	11
prj) 2015			5		1	1	2	1		1	1	12
<b>Female</b>												
cur) 2001			2	1		2	3	2	2		5	17
prj) 2015			2	1		2	4	2	2		6	19

**CLAREMORE - OKEMAH (OKFUSKEE)**

*M/S: cur) 100.0% prj) 100.0%*

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001	14	95	116	110	85	84	108	100	102	54	64	932
prj) 2015	17	115	140	133	103	102	131	121	124	65	77	1128
<b>Female</b>												
cur) 2001	26	96	100	89	125	91	135	109	88	56	88	1003
prj) 2015	31	116	121	108	151	110	163	132	107	68	107	1214

**Current / Projected User Population... Health Center Service Area - (PC)**

*(Acute Care, Audiology, Dental Care, Diagnostic Imaging, Emergency, Eye Care, Intensive Care, Labor & Delivery/Nursery, Mental Health, Physical Therapy, Primary Care, Psychiatric Nursing, Public Health Nursing, Specialty Care, Sub-Acute, Surgery)*

**CLAREMORE - PADEN (OKFUSKEE)** M/S: cur) 100.0% prj) 100.0%

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001		13	11	14	12	12	21	19	8	10	10	130
prj) 2015		16	13	17	15	15	25	23	10	12	12	158
<b>Female</b>												
cur) 2001	2	7	8	13	13	10	9	19	11	8	15	115
prj) 2015	2	8	10	16	16	12	11	23	13	10	18	139

**CLAREMORE - PHAROAH (OKFUSKEE)** M/S: cur) 100.0% prj) 100.0%

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001									1			1
prj) 2015									1			1
<b>Female</b>												
cur) 2001		1	1					1			3	6
prj) 2015		1	1					1			4	7

**CLAREMORE - WELEETKA (OKFUSKEE)** M/S: cur) 100.0% prj) 100.0%

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001	1	31	34	29	37	23	39	31	39	14	22	300
prj) 2015	1	38	41	35	45	28	47	38	47	17	27	364
<b>Female</b>												
cur) 2001	3	30	28	27	31	17	48	36	39	23	25	307
prj) 2015	4	36	34	33	38	21	58	44	47	28	30	373

**CLAREMORE - WELTY (OKFUSKEE)** M/S: cur) 100.0% prj) 100.0%

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001			3		3	7	3	2	2		2	22
prj) 2015			4		4	8	4	2	2		2	26
<b>Female</b>												
cur) 2001		1	1		2	1	1	3	3	1	2	15
prj) 2015		1	1		2	1	1	4	4	1	2	17

**Totals...**

<i>Male</i>	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
<i>cur) 2001</i>	17	147	171	165	150	133	185	167	158	91	109	1493
<i>prj) 2015</i>	20	178	207	199	183	161	223	202	192	110	131	1806
<i>Female</i>												
<i>cur) 2001</i>	31	139	147	135	183	130	207	179	150	97	145	1543
<i>prj) 2015</i>	37	166	178	164	222	157	250	217	181	117	175	1864
<i>Combined</i>												
<i>cur) 2001</i>	48	286	318	300	333	263	392	346	308	188	254	3036
<i>prj) 2015</i>	57	344	385	363	405	318	473	419	373	227	306	3670

*Average Age for the Service Unit: 29.5*