

Watonga Indian Health Center

Watonga, Oklahoma

Outpatient Service Area

# Watonga Indian Health Center

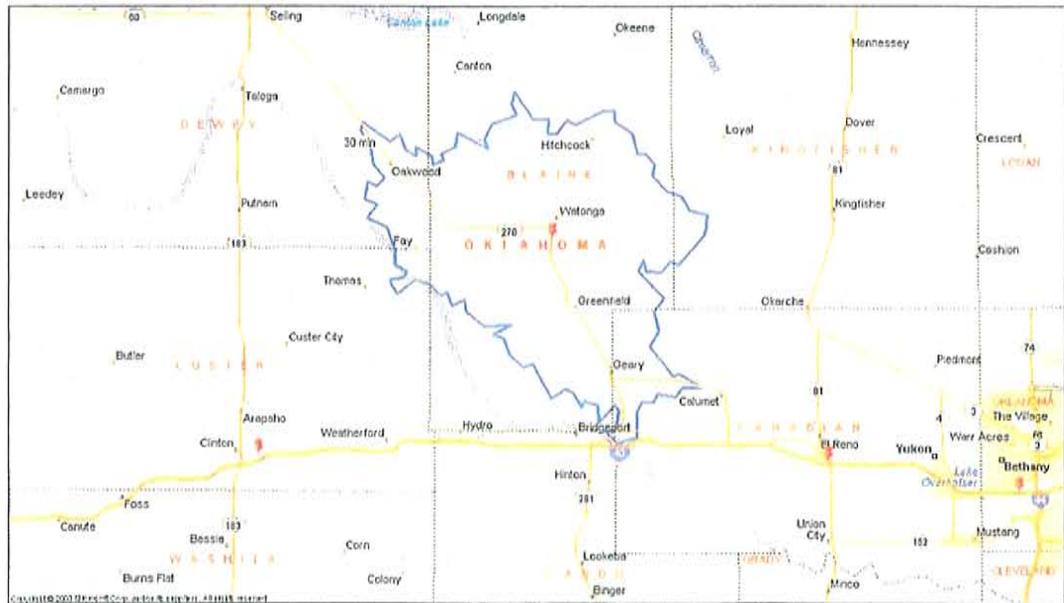
## Service Area Profile



### A. Location

Service Area – 30 minute drive time access

- | Service Area Communities |
|--------------------------|
| • Canton                 |
| • Geary                  |
| • Greenfield             |
| • Hitchcock              |
| • Fay                    |
| • Oakwood                |
| • Okeene                 |
| • Watonga                |
| • Thomas                 |



## B. Access

## C. Demographics

### WATONGA SERVICE UNIT 2004 USER POPULATION ANALYSIS (PLACEHOLDER)

County	C&A	All Other	2004 Total	2000 Census	User/Census	2015 HSP Projection	User/Proj	Census/Proj
Alfalfa	31	17	48	167	28.74%	173	27.75%	96.53%
Beaver	0	11	11	73	15.07%	72	15.28%	101.39%
Beckham	171	362	533	510	104.51%	551	96.73%	92.56%
Blaine	1,177	423	1,600	1,042	153.55%	1,555	102.89%	67.01%
Canadian	1,442	1,556	2,998	3,745	80.05%	5,005	59.90%	74.83%
Cimarron	0	1	1	32	3.13%	27	3.70%	118.52%
Custer	1,179	892	2,071	1,518	136.43%	2,686	77.10%	56.52%
Dewey	248	117	365	220	165.91%	403	90.57%	54.59%
Ellis	2	26	28	49	57.14%	111	25.23%	44.14%
Greer	2	64	66	150	44.00%	201	32.84%	74.63%
Harper	0	7	7	33	21.21%	56	12.50%	58.93%
Kingfisher	218	220	438	420	104.29%	699	62.66%	60.09%
Major	21	53	74	68	108.82%	201	36.82%	33.83%
Roger Mills	230	87	317	188	168.62%	138	229.71%	136.23%
Texas	10	31	41	249	16.47%	419	9.79%	59.43%
Washita	46	302	348	342	101.75%	540	64.44%	63.33%
Woods	9	22	31	146	21.23%	260	11.92%	56.15%
Woodward	128	180	308	382	80.63%	699	44.06%	54.65%
	4,914	4,371	9,285	9,334	99.48%	13,796	67.30%	67.66%

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



### D. Topography and Climate:

The topography of the service area is comprised of flat areas, encompassing some of the best agricultural land in Oklahoma. It is part of the Central Great Plains.

Climatically the Service Area is variable. Winds from the south to southwest are quite dominant. Relative humidity, on average, ranges from 35% to 91% during the day. The average annual temperature is 14.4 degrees Celsius. Temperatures range from an average daytime high of 15.6 degrees Celsius in July to an average low of -3.3 degrees Celsius in January.

Thunderstorms occur on about 45 days each year, predominantly in the spring and summer. Typically, there are about 3 events each year of hail exceeding one inch in diameter.

### E. Housing and Public Facilities:

The County of Blaine's total population is 11,976. The Indian population is 1,600 people. Housing is reasonably abundant in the area. Most Cheyenne and Arapaho Indians within the Watonga Service live in single family homes either owned by the family or rented.

Watonga has a post office, grocery stores, convenience stores, cafes. There are local police and fire departments.

Oklahoma is located in the "Bible belt" of the United States and nearly every community has an abundance of churches and other places of worship.

Oklahoma City, with a total population of 506,132, is 105 kilometers from Watonga. Oklahoma City has commercial airports.

#### **F. Utilities:**

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

Natural gas for the Watonga Service is generally supplied by Arkansas-Louisiana Gas Company. Oklahoma Natural Gas Company supplies the Geary area, and Eagle City uses propane gas. Other rural areas in the Service Area also use propane.

Electricity is primarily supplied by Oklahoma Gas and Electric. This source of electrical service is coupled with rural electrical co-ops. Both sources provide electricity to the majority of homes in the area.

Telephone services are widespread and are supplied by the Pioneer Telephone Company in most of the Watonga Service Area. 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.

#### **G. Education:**

Public schools are located in every small city or town in the Service Area for grades 1-12.

Chisholm Trail Technology Center is located 20.9 kilometers East of Watonga in Kingfisher County. This institution offers Health Careers Certification, as well as certification in Practical Nursing

#### **H. Economy:**

Agriculture and retail manufacturer are the two major employers in the Service Area. Many Indians are employed in local services and trades, or in the governmental services. However, the majority derive their incomes through seasonal agricultural labor or part-time employment at relatively low paying jobs. Unemployment among the Cheyenne and Arapaho Indians is very high compared to the area as a whole.

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

The Cheyenne and Arapaho are the two predominant tribes in the area. The Cheyenne and Arapaho Indians are of the Algonquian linguistic stock. They represent the western most groups of the large Algonquian family that spread pre-historically over the northern and eastern

woodlands of the United States. The facts of their wandering have been lost in the shadows of pre-history. Earliest known evidence starts around 1600 and places the Arapaho east of the headwaters of the Mississippi River, bordering the western end of Lake Superior in Minnesota. The Cheyenne were situated along the east bank of the Mississippi River in what is now southeastern Minnesota. Each Tribe lived in permanent, bark or earth covered lodges. Their lives were a mix of hunting and farming, raising crops of corn, beans and squash.

For as long as is known, the Cheyenne-Arapaho Tribes have been associated; wandering the same directions; speaking related dialects; federated since time immemorial in their joint struggle for freedom; yet tribally separate, distinct, and politically independent and retaining important differences in personality and social customs. The two tribes, however, simultaneously adapted their cultures to their new environments, ranging from a sedentary people living in bark houses, growing corn and making pottery, to the nomadic horsemen of the plains as typified by the standard American concept of the Indian clothed in fringed buckskin, full war bonnet and living in a tepee made of buffalo skin.

President Grant approved the transfer of reservation land for these two tribes to the present day western Oklahoma location by proclamation issued August 10, 1869. In 1870, the first Cheyenne and Arapaho Agency was established at Darlington about three kilometers north of El Reno, Oklahoma.

In 1937, the Cheyenne and Arapaho organized a government for their common welfare and adopted a Constitution and By-Laws pursuant to the Oklahoma Indian Welfare Act. Decisions and policies once made by chiefs are now enacted in a representative committee (Business Committee) of 8 members elected for 4 year terms staggered on a two year basis. Tribal lands owned by the Tribes, in total, number approximately 10,405 acres. Individually held trust lands, lands held by the United States Government in trust for individual Indians, number approximately 67,000 acres. The seat of the Cheyenne-Arapaho tribal government and administration is located at Concho, Oklahoma now legally defined as Indian Country.

**Current Services:**

- Dental
- Family Practice
- Gynecology
- Psychiatry
- Social Services
- Mental Health
- Laboratory
- Screening Mammography (1xQuarter)
- Pharmacy
- Public Health Nursing
- Health Education

<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>				
Primary Care	PC1	291.60	N/A	451.00
<b><u>SupportServices</u></b>				
Education & Group Consultation	EGC	14.00	1.10	15.40
Employee Facilities	EF	75.80	1.20	90.96
Housekeeping & Linen	HL1	25.50	1.10	28.00
Housekeeping & Linen	HL	16.00	1.10	17.60
Public Facilities	PF	47.00	1.20	56.40

Department Gross Square Meters	659.36
Building Circulation & Envelope (.20)	131.87
Floor Gross Square Meters	791.23
Major Mechanical Space (.12)	94.95
Building Gross Square Meters	886.18

**Workload Summary...**

	<u>Year</u>	<u>Total Workload</u>	<u>Contracted Due To Acuity</u>	<u>Threshold</u>	<u>Unmet Need</u>	<u>Cross over</u>	<u>HSP Facility Workload</u>	<u>Project Estimate Facility Workload</u>
<b><u>Acute Care</u></b>								
Medical Bed days	2001	131	39	92				
	2015	161	48	113				
Pediatric Bed days	2001	91	13	78				
	2015	113	16	97				
Surgical Bed days	2001	90	32	58				
	2015	109	39	70				
<b><u>Audiology</u></b>								
Audiology Visits	2001	162		162				
	2015	206		206				
<b><u>Clinical Engineering</u></b>								
Clinical Engineering	2001	76			76		76	
	2015	93			93		93	
<b><u>Dental Care</u></b>								
Dental Service Minutes	2001	154755		154755				
	2015	189145		189145				
<b><u>Diagnostic Imaging</u></b>								
CT/MRI Exams	2001	11	11					
	2015	14	14					
Fluoroscopy Exams	2001	39		39				
	2015	48		48				
General Radiography	2001	467		467				
	2015	571		571				
MAMMOGRAPHY	2001	197		197				
	2015	239		239				
Ultrasound Exams	2001	78		78				
	2015	95		95				
<b><u>Education &amp; Group Consultation</u></b>								
# of staff	2015	11			11		11	
<b><u>Emergency</u></b>								
Emergency Room Visits	2001	700		700				
	2015	851		851				
<b><u>Eye Care</u></b>								
Optometrist Visits	2001	514		514				
	2015	630		630				
<b><u>Facility Management</u></b>								
Service index	2001	4			4		4	
	2015	5			5		5	
<b><u>Housekeeping &amp; Linen</u></b>								
Lbs of Linen	2001	813			813		813	

**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>
	2015	993			993		993	
<b><u>Intensive Care</u></b>								
Intensive Care bed days	2001	22	10	12				
	2015	27	12	15				
<b><u>Laboratory</u></b>								
Chem/Hema/Immun/Urin	2001	4831	290		4541		4541	
	2015	5903	354		5549		5549	
Histo/Cytology billable	2001	11	11					
	2015	14	14					
Microbiology billable tests	2001	992	397		595		595	
	2015	1212	485		727		727	
Transfusion/BB billable	2001	89	2	87				
	2015	109	2	107				
<b><u>Mental Health</u></b>								
Mental Health Visits	2001	271			271		271	
	2015	332			332		332	
<b><u>Pharmacy</u></b>								
Inpatient Pharmacy	2001							
	2015							
Outpatient Pharmacy	2001	71022			71022		71022	
	2015	86784			86784		86784	
<b><u>Physical Therapy</u></b>								
Inpatient Physical Therapy	2001							
	2015							
OUTPATIENT PHYSICAL	2001	671		671				
	2015	820		820				
<b><u>Primary Care</u></b>								
Primary Care Provider	2001	5564			5564		5564	
	2015	6798			6798		6798	
<b><u>Property &amp; Supply</u></b>								
Storage Index	2001	1419			1419		1419	
	2015	1733			1733		1733	
<b><u>Psychiatric Nursing</u></b>								
Psych Bed days	2001	23	5	18				
	2015	26	6	20				
<b><u>Public Health Nursing</u></b>								
Public Health Nursing	2001	466			466		466	
	2015	570			570		570	
<b><u>Respiratory Therapy</u></b>								

**Workload Summary...**

	<u>Year</u>	<u>Total Workload</u>	<u>Contracted Due To</u>		<u>Unmet</u>	<u>Cross</u>	<u>HSP</u>	<u>Proje</u>
			<u>Acuity</u>	<u>Threshold</u>	<u>Need</u>	<u>over</u>	<u>Facility</u>	<u>Estima</u>
							<u>Workload</u>	<u>Facility</u>
								<u>Workload</u>
Respiratory Therapy work	<b>2001</b>	4215		4215				
	<b>2015</b>	5150		5150				
<b><u>Specialty Care</u></b>								
Specialist Visits	<b>2001</b>	261		261				
	<b>2015</b>	318		318				
<b><u>Sub-Acute</u></b>								
SubAcute Bed days	<b>2001</b>	123		123				
	<b>2015</b>	151		151				
<b><u>Surgery</u></b>								
Inpatient Episodes	<b>2001</b>	41	11	30				
	<b>2015</b>	49	14	35				
Outpatient Episodes	<b>2001</b>	46	13	33				
	<b>2015</b>	57	16	41				

**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)*

**CLINTON - CANTON (BLAINE)**

*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		5	7	6	16	12	17	15	10	8	2	98
prj) 2015		6	9	7	20	15	21	19	12	10	2	121
<b>Female</b>												
cur) 2001		14	15	14	14	11	14	14	18	5	11	130
prj) 2015		17	19	17	17	14	17	17	22	6	14	160

**CLINTON - FAY (DEWEY)**

*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						1	3
prj) 2015				1	1						1	3
<b>Female</b>												
cur) 2001			1	2			1	2	1			7
prj) 2015			1	2			1	2	1			7

**CLINTON - GEARY (BLAINE)**

*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	5	27	36	18	21	10	33	32	20	15	12	229
prj) 2015	6	33	44	22	26	12	41	39	25	19	15	282
<b>Female</b>												
cur) 2001	4	21	19	30	25	16	29	35	20	16	13	228
prj) 2015	5	26	23	37	31	20	36	43	25	20	16	282

**CLINTON - GREENFIELD (BLAINE)**

*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	1	5	1	1	1	1		12
prj) 2015			1	1	1	6	1	1	1	1		13
<b>Female</b>												
cur) 2001		1		1	1			2	4			9
prj) 2015		1		1	1			2	5			10

**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)*

**CLINTON - HITCHCOCK (BLAINE)**

*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	1		3	1	1		1	9
prj) 2015		1		1	1		4	1	1		1	10
<b>Female</b>												
cur) 2001			2		1	1	1	1	1		1	8
prj) 2015			2		1	1	1	1	1		1	8

**CLINTON - OAKWOOD (DEWEY)**

*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	1			3			1		8
prj) 2015		1	2	1			3			1		8
<b>Female</b>												
cur) 2001			1	1	3	1	2		3	1		12
prj) 2015			1	1	3	1	2		3	1		12

**CLINTON - OKEENE (BLAINE)**

*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+	Tot
cur) 2001	1	1				1	1				1	5
prj) 2015	1	1				1	1				1	5
<b>Female</b>												
cur) 2001	1	1	1	2	1	3	2	3	3	1		18
prj) 2015	1	1	1	2	1	4	2	4	4	1		21

**CLINTON - THOMAS (CUSTER)**

*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		7	12	8	10	10	8	7	5	4	2	73
prj) 2015		8	14	10	12	12	10	8	6	5	2	87
<b>Female</b>												
cur) 2001	2	3	11	10	4	9	19	14	8	7	6	93
prj) 2015	2	4	13	12	5	11	23	17	10	8	7	112

**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)

**CLINTON - WATONGA (BLAINE)**

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

<b>Male</b>	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	<b>Total</b>
<i>cur) 2001</i>	8	33	37	30	42	33	37	33	29	19	7	<b>308</b>
<i>prj) 2015</i>	10	41	46	37	52	41	46	41	36	23	9	<b>382</b>
<b>Female</b>												
<i>cur) 2001</i>	6	29	36	46	59	42	41	54	32	16	18	<b>379</b>
<i>prj) 2015</i>	7	36	44	57	73	52	51	67	39	20	22	<b>468</b>

**Totals...**

<b>Male</b>	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	<b>Total</b>
<i>cur) 2001</i>	14	75	95	66	92	71	103	89	66	48	26	<b>745</b>
<i>prj) 2015</i>	17	91	116	80	113	87	127	109	81	59	31	<b>911</b>
<b>Female</b>												
<i>cur) 2001</i>	13	69	86	106	108	83	109	125	90	46	49	<b>884</b>
<i>prj) 2015</i>	15	85	104	129	132	103	133	153	110	56	60	<b>1080</b>
<b>Combined</b>												
<i>cur) 2001</i>	27	144	181	172	200	154	212	214	156	94	75	<b>1629</b>
<i>prj) 2015</i>	32	176	220	209	245	190	260	262	191	115	91	<b>1991</b>

Average Age for the Service Unit: 27.2