

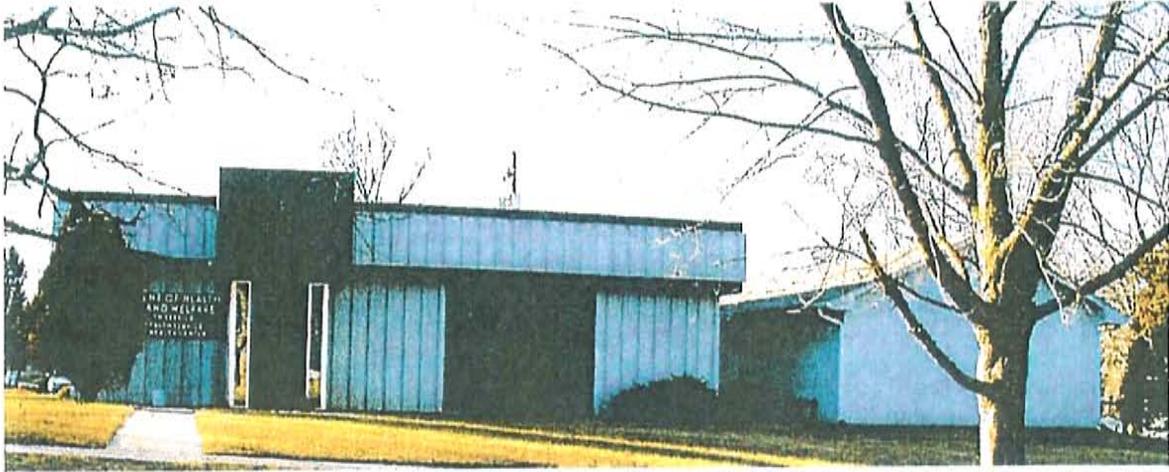
White Cloud Indian Health Station

White Cloud, Kansas

Outpatient Service Area

White Cloud Indian Health Center (Holton)

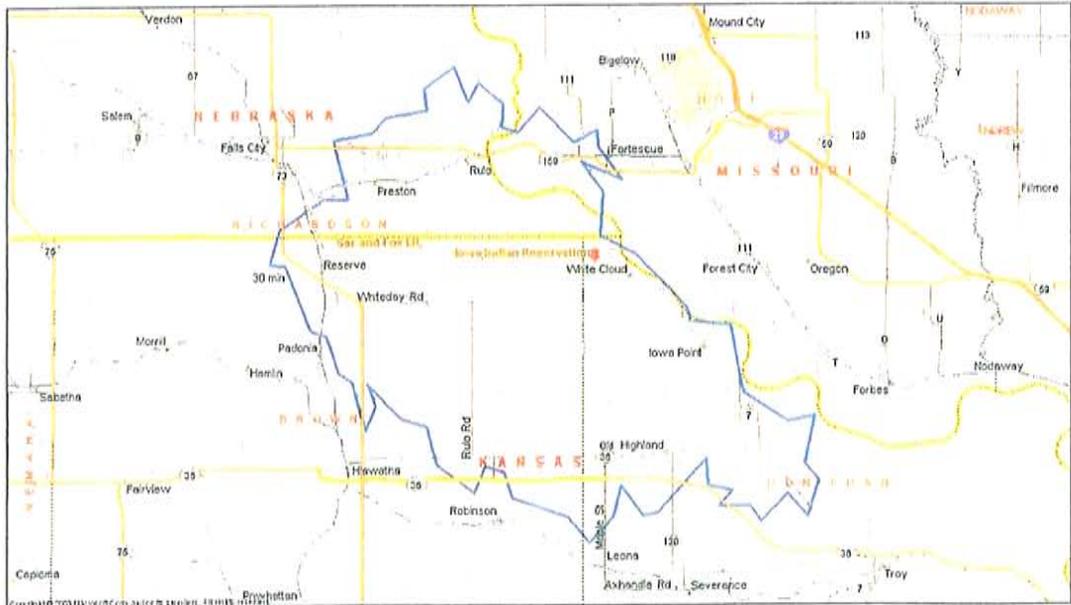
Service Area Profile



A. Location

Service Area – 30 minute drive time access

- | Service Area Communities |
|--------------------------|
| ● Circleville |
| ● Delia |
| ● Denison |
| ● Holton |
| ● Hoyt |
| ● Mayetta |
| ● Netawaka |
| ● Soldier |
| ● Whiting |



B. Access

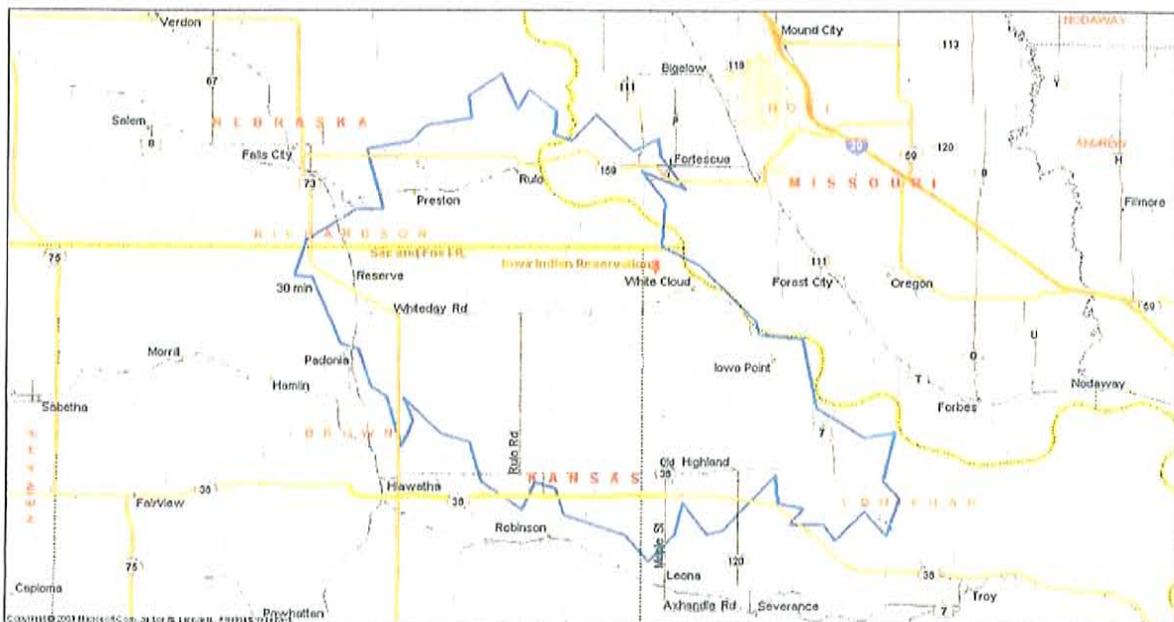
C. Demographics

**WHITE CLOUD SERVICE UNIT
2004 USER POPULATION ANALYSIS**

County	Iowa of KS & NE	Kickapoo of KS	Prairie Band Pottawatomie	Sac & Fox Missouria	All Other	2004 Total
Brown	92	550	116	65	241	1,064
Donipan	82	3	12	0	11	108
Jackson	20	55	890	2	312	1,279
Richardson	96	2	3	5	13	119
	290	610	1,021	72	577	2,570

County	2000 Census	User/Census	2014 HSP Projection	User/Proj	Census/Proj
Brown	946	112.47%	1,036	102.70%	91.31%
Donipan	100	108.00%	143	75.52%	69.93%
Jackson	866	147.69%	1054	121.35%	82.16%
Richardson	221	53.85%	428	27.80%	51.64%
	2,133	120.49%	2,661	96.58%	80.16%

PCPVs by Community of Residence by County to the White Cloud Indian Health Center



D. Topography and Climate

The Holton Service Area is part of the Great Central Plains. The topography of the service area features gently rolling plains with broad stream valleys. It is characterized by heavily timbered, rocky hillsides and small irregular croplands.

Climatically the area is very mild. All of the four seasons are felt here: mild springs, hot summers, warm falls, and chilly winters. The average annual temperature is 11.7 degrees Celsius. Temperatures range from -3.3 degrees Celsius in January to 25.6 degrees Celsius in July. The average annual precipitation is 889 mm per year, and the average snowfall is 381 mm per year.

E. Housing and Public Facilities

The City of Holton's total population is 3,353 and the population of the four surrounding reservations which encompass the Service Area is 2,070. Housing is reasonably abundant, with the majority of housing developed by the U.S. Department of Housing and Urban Development. This housing was built for the Indian population and resembles a typical urban subdivision.

Holton has a post office, grocery stores, convenience stores, cafes and other public facilities such as a public park, city lakes and museums. There are local police and fire departments.

Holton has an abundance of churches and other places of worship.

Topeka, with a total population of 122,377, is 48 kilometers from Holton. Topeka has commercial airports.

F. Utilities

The primary source for potable water in Jackson County is Jackson County Public Water Supply District. The majority of homes in the rural area are supplied by either wells or rural water systems.

Natural gas for the Holton Service Area is generally supplied by Missouri gas. Some Indian homes use bottled gas (propane). A few are still heated with wood stoves.

Electricity is supplied by Kansas City Power and Electric.

Telephone services are widespread and are supplied by the Southwestern Bell Telephone Company in most of the Holton 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.

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 local stations and public television.

G. Education

Public schools are located in Holton and other communities in the Service Area for grades 1-12.

The Washburn University of Topeka is located in Topeka, 30 miles South of Holton. This institution offers both BA and BS degrees in a variety of fields such as Biology, Physical Education and Exercise Science, Mathematics and Music. It also offers Masters Degrees in Nursing, Education, Music, Business and Psychology.

H. Economy

Public Administration related industries are the major employers in the Service Area. Other employment is provided by retail-related industries. People living in the southern part of the Service Area may commute to Topeka for work.

I. Social and Political

The Prairie Band Pottawatomie and the Kickapoo Tribe of Kansas are the two major tribes in the Holton Service Area. These tribes have defined reservations, many live in neighboring communities off of the reservation.

The Kickapoo belong to the Algonquian linguistic family. The first encounter was in 1667 between the Fox and Wisconsin Rivers in Southern Wisconsin with a Catholic Missionary Father Allovez. A few years later, they moved south into Illinois, gradually extending their area around the Sangamon River and toward the east along the Vermillion and Wabash Rivers. They played a prominent role in the history of this area up to the end of the War of 1812.

The Kickapoo Tribe is organized under the Indian Reorganization Act of 1934. Their constitution and bylaws were adopted February 1937. The governing body consists of a tribal council of seven members. The council elects officers from its membership. The Kickapoo Government has a tribal court, law enforcement department, and an administrative department.

The Prairie Band of Potawatomi are part of the Algonquian-linguistic family with roots in the southern Great Lakes region. In 1670 they were living on the islands at the mouth of Green Bay in the vicinity of the Jesuit mission of St. Francis Xavier. By the end of the 17th Century, they had established themselves on the Milwaukee River at Chicago and on the St. Joseph River. By the 19th century, they occupied country around the head of Lake Michigan from Milwaukee River in Wisconsin to the Grand River in Michigan and extending southwest over a large part of northern Illinois. The bands ancestors were forcibly removed from northern Indiana beginning in 1838.

The Potawatomi Tribe was a self-sufficient people. They subsisted by hunting, fishing, and gathering wild plant foods. They grew beans, squashes, tobacco, melons and corn, providing surpluses that created a more secure life for the Tribe. In the early 1600's, the Tribe began

trading animal furs with the French for ammunition, metal goods, whiskey, tobacco and a few imported goods.

The Prairie Band of Potawatomi Indians Reservation is currently located in northeastern Kansas, about 20 miles north of Topeka and 80 miles northwest of Kansas City. The reservation was established by Executive Order in 1864 after the band had migrated to the region.

The Prairie Band of Potawatomi operated under a traditional form of tribal government. In 1976, the band adopted its new constitution and established a new tribal council. The council is composed of seven members who are elected to staggered four-year terms. Officers include a chairperson and vice-chairperson. The tribe also maintains its own tribal court system. The Tribal Council is authorized to govern the Reservation under its inherent power as a sovereign body.

Current / Projected User Population. Outpatient Service Area - (SAC)

(Audiology, Dental Care, Diagnostic Imaging, Eye Care, Health Education, Mental Health, Physical Therapy, Primary Care, Public Health Nursing, Public Health Nutrition, Social Work, Specialty Care)

HOLTON - FALLS CITY (RICHARDSON)

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	7	6	5	3	2	13	4	3	5	3	52
prj) 2015	2	13	11	9	6	4	24	7	6	9	6	97
Female												
cur) 2001		2	5	4	6	4	5	6	3	5	3	43
prj) 2015		4	9	7	11	7	9	11	6	9	6	79

HOLTON - HIAWATHA (BROWN)

M/S: cur) 25.0% prj) 25.0%

Male	<1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65+	Total
cur) 2001		2	2	2	2	1	1	2	2	3	1	18
prj) 2015		2	2	2	2	1	1	2	2	4	1	19
Female												
cur) 2001		1	3	4	3	2	4	5	3	1	1	27
prj) 2015		1	4	5	4	2	5	6	4	1	1	33

HOLTON - HIGHLAND (DONIPHAN)

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				2		1						3
prj) 2015				2		1						3
Female												
cur) 2001						2					1	3
prj) 2015						2					1	3

HOLTON - MORRILL (BROWN)

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							2
prj) 2015		1			1							2
Female												
cur) 2001							1					1
prj) 2015							1					1

HOLTON - RESERVE (BROWN)

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	2	1			9
prj) 2015		1	1		1		4	2	1			10
Female												
cur) 2001		1	1	1	1	1	1		1		1	8
prj) 2015		1	1	1	1	1	1		1		1	8

Current / Projected User Population..Outpatient Service Area - (SAC)

(Audiology, Dental Care, Diagnostic Imaging, Eye Care, Health Education, Mental Health, Physical Therapy, Primary Care, Public Health Nursing, Public Health Nutrition, Social Work, Specialty Care)

HOLTON - RULO (RICHARDSON)

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
<i>cur) 2001</i>		3		2	3	1	3	7	1	2	5	27
<i>prj) 2015</i>		6		4	6	2	6	13	2	4	9	52
Female												
<i>cur) 2001</i>		5	2	2	6	1	3	7	4	1	2	33
<i>prj) 2015</i>		9	4	4	11	2	6	13	7	2	4	62

HOLTON - WHITE CLOUD (DONIPHAN)

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
<i>cur) 2001</i>		5	6	8	5	1	11	11	5	6	4	62
<i>prj) 2015</i>		6	7	10	6	1	14	14	6	7	5	76
Female												
<i>cur) 2001</i>		7	7	8	6	4	7	6	5	6	9	65
<i>prj) 2015</i>		9	9	10	7	5	9	7	6	7	11	80

Totals...

Male	<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>	1	19	15	19	15	6	31	26	12	16	13	173
<i>prj) 2015</i>	2	29	21	27	22	9	49	38	17	24	21	259
Female												
<i>cur) 2001</i>		16	18	19	22	14	21	24	16	13	17	180
<i>prj) 2015</i>		24	27	27	34	19	31	37	24	19	24	266
Combined												
<i>cur) 2001</i>	1	35	33	38	37	20	52	50	28	29	30	353
<i>prj) 2015</i>	2	53	48	54	56	28	80	75	41	43	45	525

Average Age for the Service Unit: 30.6

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>
<u>Audiology</u>							
Audiology Visits	2001	40	40				
	2015	59	59				
<u>Dental Care</u>							
Dental Service Minutes	2001	33535		33535		33535	
	2015	49875		49875		49875	
<u>Diagnostic Imaging</u>							
CT/MRI Exams	2001	3					
	2015	4					
Fluoroscopy Exams	2001	10					
	2015	15					
General Radiography	2001	117					
	2015	174					
MAMMOGRAPHY	2001	42	42				
	2015	61	61				
Ultrasound Exams	2001	19					
	2015	29					
<u>Education & Group Consultation</u>							
# of staff	2015	56					
<u>Eye Care</u>							
Optometrist Visits	2001	114	114				
	2015	172	172				
<u>Mental Health</u>							
Mental Health Visits	2001	54		54		54	
	2015	80		80		80	
<u>Physical Therapy</u>							
Inpatient Physical Therapy	2001						
	2015						
OUTPATIENT PHYSICAL	2001	162	162				
	2015	239	239				
<u>Primary Care</u>							
Primary Care Provider	2001	1391		1391		1391	
	2015	2074		2074		2074	
<u>Public Health Nursing</u>							
Public Health Nursing	2001	107		107		107	
	2015	163		163		163	
<u>Specialty Care</u>							
Specialist Visits	2001	60	60				
	2015	92	92				

Program of Requirements
 Project Name: White Cloud Service Area - White Cloud, Kansas
 Project Number:

Building Area Summary...

<u>Template</u> <u>Or</u> <u>Discipline</u>	<u>Net Square</u> <u>Meters</u>	<u>Conversion</u> <u>Factor</u>	<u>Department Gross</u> <u>Square Meters</u>
<u>Small Ambulatory</u> Small Ambulatory Care	SACLHS 377.60	N/A	494.00
			494.00
			49.40
			543.40
			0.00
			543.40