

Pawhuska Indian Health Center

Pawhuska, Oklahoma

Outpatient Service Area

Pawhuska Indian Health Center

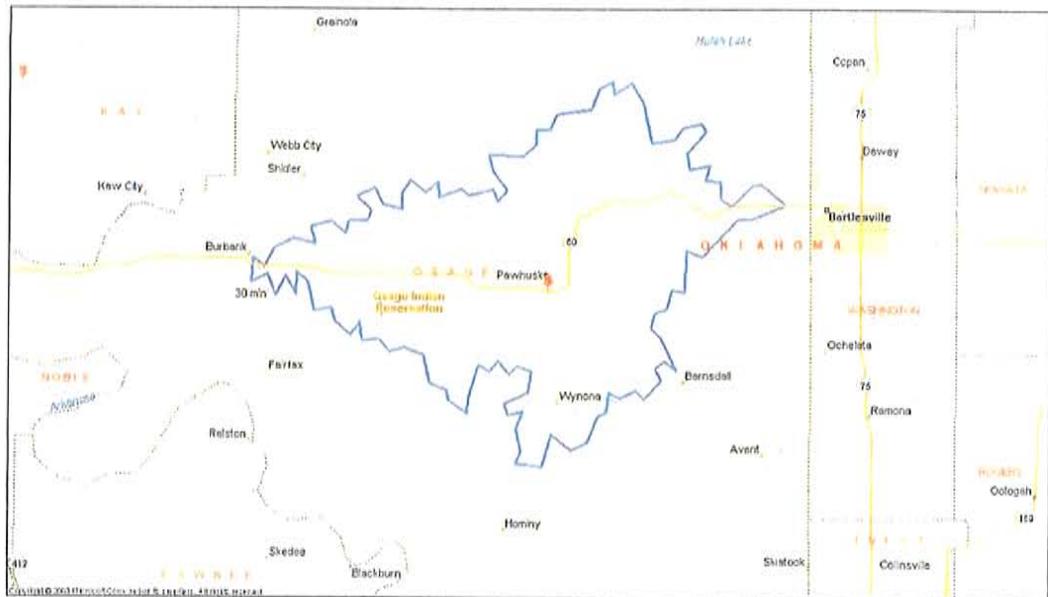
Service Area Profile



A. Location

Service Area – 30 minute drive time access

Service Area Communities
• Avant
• Barnsdall
• Bowring
• Burbank
• Fairfax
• Foraker
• Grainola
• Hominy
• Osage
• Pawhuska
• Prue
• Shilder
• Webb City
• Wynona



B. Access

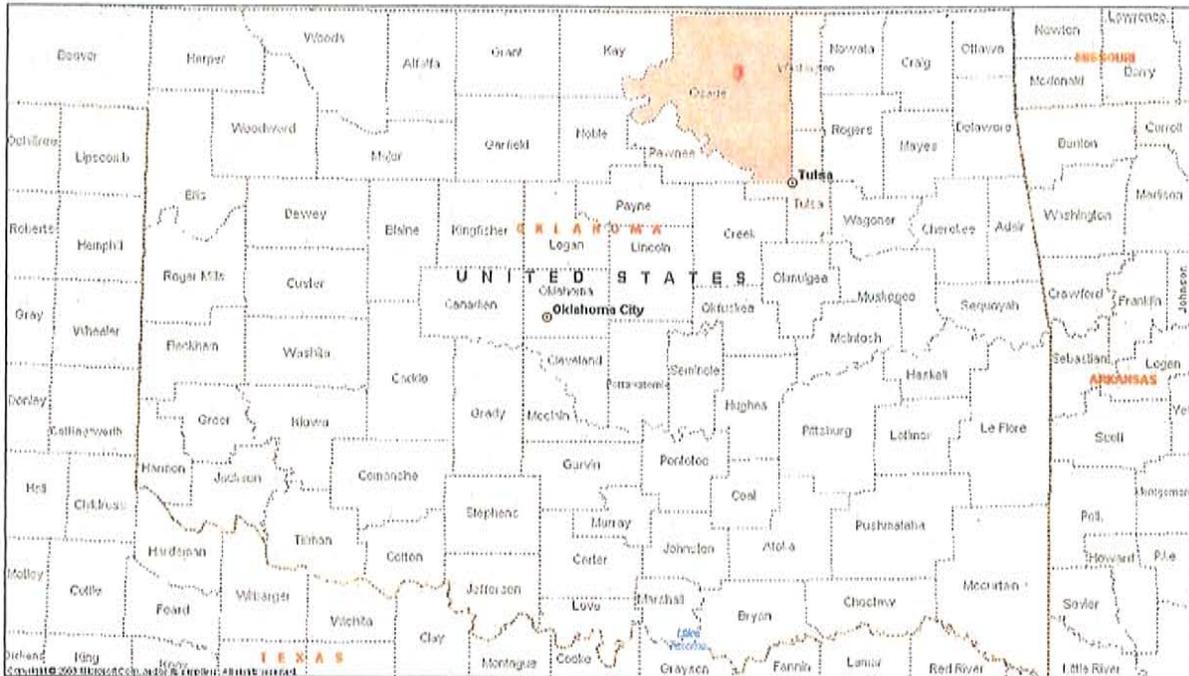
C. Demographics

**PAWHUSKA SERVICE UNIT
2004 USER POPULATION ANALYSIS
(PLACEHOLDER)**

County	Iowa OK	Kaw	Osage	Otoe- Missouria	Pawnee	Ponca	Sac & Fox OK	Tonkawa	All Other	2004 Total
Garfield	7	12	25	57	10	30	0	0	544	685
Grant	0	1	2	1	0	3	0	1	53	61
Kay	20	516	274	206	70	1421	17	160	1913	4,597
Noble	9	21	20	346	39	150	10	5	324	924
Osage	8	39	1822	28	55	42	5	1	2019	4,019
Pawnee	11	8	162	46	626	34	18	0	1110	2,015
Payne	105	19	63	98	196	44	213	0	1714	2,452
	160	616	2,368	782	996	1,724	263	167	7,677	14,753

County	2000 Census	User/Census	2014 HSP Projection	User/Proj	Census/Proj
Garfield	1,219	56.19%	2,383	28.75%	51.15%
Grant	126	48.41%	60	101.67%	210.00%
Kay	3621	126.95%	5438	84.53%	66.59%
Noble	864	106.94%	1080	85.56%	80.00%
Osage	6410	62.70%	7946	50.58%	80.67%
Pawnee	2015	100.00%	2083	96.74%	96.74%
Payne	3126	78.44%	4314	56.84%	72.46%
	17,381	84.88%	23,304	63.31%	74.58%

PCPVs by Community of Residence by County to the Pawhuska Indian Health Center



D. Topography and Climate

The topography of the Pawhuska Service Area is part of the Crosstimbers and the Tallgrass Prairie. The Tallgrass Prairie is characterized by hills of limestone and shale while the Crosstimbers is a transition from the prairies to the mountains of southeast Oklahoma.

Gusty southerly winds are quite dominant. The average annual temperature is 15 degrees Celsius. For the most part, moderate weather conditions prevail; however, the temperatures range from 33.9 degrees Celsius in July to -5 degrees Celsius in January. The average annual precipitation is 914.4 mm per year.

Thunderstorms occur on about 50 days each year, predominantly in the spring and summer. Tornadoes are not uncommon especially during spring and early summer months. Typically, there are about 6 events each year of hail exceeding one inch in diameter.

E. Housing and Public Facilities

The City of Pawhuska's total population is 3,629 people. The Indian population is 924. Housing is reasonably abundant in the area. Most Osages within the Pawhuska Service Area live in single family homes either owned by the family or rented.

Pawhuska has a post office, numerous grocery stores, convenience stores, cafes and other public facilities such as a nearby lake and museums. 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 population of 393,049, is 74 kilometers from Pawhuska. Tulsa has commercial airports.

F. Utilities

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

Kansas Gas Service supplies Barnsdall and Pawhuska, and Oklahoma Natural Gas Company supplies Burbank and Skiatook.

Electricity is supplied by the Public Service Company of Oklahoma and Oklahoma Gas and Electric Company. 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 Southwestern Bell Telephone Company in most of the Pawhuska Service Area; Totah Telephone Company services the Burbank Area; Valor Telephone Company services the Hominy 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, 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.

The University of Oklahoma also has a branch in Tulsa which is located in Tulsa, 74 kilometers East of Pawhuska. This institution offers both BA and BS degrees in a variety of fields, as well as Masters Degrees in Nursing, Public Health and Education. OU-Tulsa also has a Pharmacy School and Medical School.

H. Economy

Oil and gas, as well as horse and cattle ranching are major contributors to the economy of Osage County. Other employment is provided by small manufacturing concerns. People living in the eastern part of the service area are able to commute to Tulsa for work. Mineral leases are also a source of income for many Indians in this area.

I. Social and Political

Osage County is otherwise known as the Osage Nation Reservation consists of approximately 1,475,000 acres. The Osage tribe owns all mineral rights located within Osage County and has an income from all oil and gas found in Osage County.

The Osage are of the Siouan linguistic stock. The traditional history of the Osage puts them in the Missippian culture situated in central and eastern North America existing for thousand of years before the Europeans arrived. Earliest known evidence starts in 1673 when French Explorers Marquette placed them on the Osage River in present Vernon County, Missouri, where they were still established, nearly 100 years later in 1759.

Three principal hunts, each organized by a council of elders, were held during the spring, summer, and fall. The men hunted bison, deer, elk, bear, and smaller game. The women butchered the animals and dried or smoked the meat and prepared the hides. The women also gathered wild plant foods and at the summer villages tended gardens of corn, beans, squash, and pumpkins. Surplus products including meat, hides, and oil, were traded to other Indians or to Europeans. The Osages acquired guns and horses from Europeans during the eighteenth century, which enabled them to extend their territory and control the distribution of European good to other tribes in the region.

The tribe began a period of treaty-making with the United States in 1809. This period lasted until 1870 and resulted in the minimization of the Osage homeland. The Osage gave up over 100 million acres of land during this period. They moved to the new reservation in 1872 and settled in the three main areas that corresponded to the ancient divisions of the tribe. The main settlement areas were at Pawhuska, Hominy and Gray Horse. The capitol of the nation was established at Pawhuska and remains there today.

The Osage Nation occupies the Osage Reservation in north-central Oklahoma. The Osage Nation consists of approximately 18,000 Osage citizens with an estimated 4,000 residing on the Reservation. The BIA estimates, according to its labor force report, that there are an additional 6,500 other Indians residing on the Reservation.

The modern Osage life is focused upon the principal traditional cultural activity of the E-lon-shka dance which is held each June in each of the three districts of the tribe: Hominy, Gray Horse, and Pawhuska.

The Reservation contains 1,469,240 acres or 2,296 square miles. The Osage Nation in 1870, purchased the Reservation and is the only federally recognized Reservation remaining in Oklahoma. Congress allotted the Reservation in 1906 and all surface land being divided among 2,229 enrolled Osages. The Osages retained the subsurface of the Reservation as tribal-owned and is what has become known as the Osage Mineral trust. The Mineral Trust became a source of wealth upon the discovery of oil and gas on the Reservation.

Current Services:

- Dental
- Radiologist
- Optometry
- Audiology
- Psychiatry
- Social Services
- Ultrasound
- Mammography
- Pharmacy
- Health Education
- Psychiatric—Low Acuity

Building Area Summary...	<u>Template Or Discipline</u>	<u>Net Square Meters</u>	<u>Conversion Factor</u>	<u>Department Gross Square Meters</u>
<u>Ambulatory</u>				
Dental Care	DC2	418.80	N/A	653.00
Eye Care	EC1	128.20	N/A	163.00
Primary Care	PC3	337.80	N/A	493.00
<u>Ancillary</u>				
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
<u>FacilitySupport</u>				
Facility Management	FM1	81.60	N/A	100.00
<u>SupportServices</u>				
Education & Group Consultation	EGC	14.00	1.10	15.40
Employee Facilities	EF	89.80	1.20	107.76
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				2186.36
Building Circulation & Envelope (.20)				437.27
Floor Gross Square Meters				2623.63
Major Mechanical Space (.12)				314.84
Building Gross Square Meters				2938.47

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>Projected Estimated Facility Workload</u>
<u>Acute Care</u>								
Medical Bed days	2001	423	127	296				
	2015	478	143	335				
Pediatric Bed days	2001	146	20	126				
	2015	161	23	138				
Surgical Bed days	2001	270	97	173				
	2015	308	111	197				
<u>Audiology</u>								
Audiology Visits	2001	466			466		466	
	2015	527			527		527	
<u>Clinical Engineering</u>								
Clinical Engineering	2001	336			336		336	
	2015	379			379		379	
<u>Dental Care</u>								
Dental Service Minutes	2001	368315			368315		368315	
	2015	415245			415245		415245	
<u>Diagnostic Imaging</u>								
CT/MRI Exams	2001	28	28					
	2015	31	31					
Fluoroscopy Exams	2001	97		97				
	2015	109		109				
General Radiography	2001	1158		1158				
	2015	1305		1305				
MAMMOGRAPHY	2001	639		639				
	2015	719		719				
Ultrasound Exams	2001	193		193				
	2015	217		217				
<u>Education & Group Consultation</u>								
# of staff	2015	52			52		52	
<u>Emergency</u>								
Emergency Room Visits	2001	1739		1739				
	2015	1957		1957				
<u>Eye Care</u>								
Optometrist Visits	2001	1281			1281		1281	
	2015	1442			1442		1442	
<u>Facility Management</u>								
Service index	2001	11			11		11	
	2015	12			12		12	
<u>Housekeeping & Linen</u>								
Lbs of Linen	2001	4003			4003		4003	

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	4512			4512		4512	
<u>Intensive Care</u>								
Intensive Care bed days	2001	82	38	44				
	2015	96	44	52				
<u>Laboratory</u>								
Chem/Hema/Immun/Urin	2001	12010	721		11289		11289	
	2015	13528	812		12716		12716	
Histo/Cytology billable	2001	28	28					
	2015	31	31					
Microbiology billable tests	2001	2468	987		1481		1481	
	2015	2779	1112		1667		1667	
Transfusion/BB billable	2001	221	4	217				
	2015	249	5	244				
<u>Mental Health</u>								
Mental Health Visits	2001	643			643		643	
	2015	719			719		719	
<u>Pharmacy</u>								
Inpatient Pharmacy	2001							
	2015							
Outpatient Pharmacy	2001	187828			187828		187828	
	2015	211534			211534		211534	
<u>Physical Therapy</u>								
Inpatient Physical Therapy	2001							
	2015							
OUTPATIENT PHYSICAL	2001	1912			1912		1912	
	2015	2153			2153		2153	
<u>Primary Care</u>								
Primary Care Provider	2001	13788			13788		13788	
	2015	15534			15534		15534	
<u>Property & Supply</u>								
Storage Index	2001	3516			3516		3516	
	2015	3961			3961		3961	
<u>Psychiatric Nursing</u>								
Psych Bed days	2001	58	13	45				
	2015	68	15	53				
<u>Public Health Nursing</u>								
Public Health Nursing	2001	1249			1249		1249	
	2015	1400			1400		1400	
<u>Respiratory Therapy</u>								

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>
Respiratory Therapy work	2001	10504		10504				
	2015	11829		11829				
<u>Specialty Care</u>								
Specialist Visits	2001	703		703				
	2015	799		799				
<u>Sub-Acute</u>								
SubAcute Bed days	2001	306		306				
	2015	347		347				
<u>Surgery</u>								
Inpatient Episodes	2001	91	25	66				
	2015	102	29	73				
Outpatient Episodes	2001	105	29	76				
	2015	120	34	86				

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)

PAWNEE - AVANT (OSAGE)

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	4	7	1	1	4			4	24
prj) 2015		1	2	5	8	1	1	5			5	28
Female												
cur) 2001			4	6	2	1	5	3	1	1	5	28
prj) 2015			5	7	2	1	6	3	1	1	6	32

PAWNEE - BARNSDALL (OSAGE)

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	18	21	21	28	13	18	20	13	10	16	180
prj) 2015	2	20	24	24	32	15	20	23	15	11	18	204
Female												
cur) 2001		15	18	14	25	18	24	24	19	13	18	188
prj) 2015		17	20	16	28	20	27	27	21	15	20	211

PAWNEE - BOWRING (OSAGE)

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		3			4
prj) 2015							1		3			4
Female												
cur) 2001					2	2	2	1	1			8
prj) 2015					2	2	2	1	1			8

PAWNEE - BURBANK (OSAGE)

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	1	1	2	9	4	1	2	24
prj) 2015		1	1	2	1	1	2	10	5	1	2	26
Female												
cur) 2001		1	5	1	4	3	3	3		1	6	27
prj) 2015		1	6	1	5	3	3	3		1	7	30

PAWNEE - FAIRFAX (OSAGE)

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	12	27	18	27	16	24	28	25	21	26	226
prj) 2015	2	14	30	20	30	18	27	32	28	24	29	254
Female												
cur) 2001	1	14	24	23	36	18	25	42	39	25	32	277
prj) 2015	1	16	27	26	41	20	28	47	44	28	36	314

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)

PAWNEE - FORAKER (OSAGE)

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												
Female												
cur) 2001								1				1
prj) 2015								1				1

PAWNEE - GRAINOLA (OSAGE)

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
Female												
cur) 2001												
prj) 2015												

PAWNEE - HOMINY (OSAGE)

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	6	30	43	51	51	40	55	42	43	16	39	416
prj) 2015	7	34	49	58	58	45	62	47	49	18	44	471
Female												
cur) 2001	6	32	51	50	50	49	48	77	63	32	48	506
prj) 2015	7	36	58	56	56	55	54	87	71	36	54	570

PAWNEE - OSAGE (OSAGE)

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	4	2	3	3	2	1	2	23
prj) 2015		5	1	1	5	2	3	3	2	1	2	25
Female												
cur) 2001		1	3	5	3			5	2		2	21
prj) 2015		1	3	6	3			6	2		2	23

PAWNEE - PAWHUSKA (OSAGE)

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	47	81	90	84	65	77	103	93	51	67	762
prj) 2015	5	53	91	102	95	73	87	116	105	58	76	861
Female												
cur) 2001	6	48	89	93	89	70	104	109	98	77	104	887
prj) 2015	7	54	100	105	100	79	117	123	111	87	117	1000

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(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)

PAWNEE - PRUE (OSAGE)

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	2		1	6		1	3	16
prj) 2015		1	1	1	2		1	7		1	3	17
Female												
cur) 2001			4	2	1	2	5	2	3	1	2	22
prj) 2015			5	2	1	2	6	2	3	1	2	24

PAWNEE - SHILDER (OSAGE)

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	10	6	4	2	5	7	5	3	3	52
prj) 2015	1	7	11	7	5	2	6	8	6	3	3	59
Female												
cur) 2001		5	4	3	3	4	4	3	3	1	3	33
prj) 2015		6	5	3	3	5	5	3	3	1	3	37

PAWNEE - WEBB CITY (OSAGE)

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
Female												
cur) 2001										3		3
prj) 2015										3		3

PAWNEE - WYMONA (OSAGE)

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	13	5	7	5	5	16	4	5	2	4	67
prj) 2015	1	15	6	8	6	6	18	5	6	2	5	78
Female												
cur) 2001		6	10	5	4	7	14	6	5	8	11	76
prj) 2015		7	11	6	5	8	16	7	6	9	12	87

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>	16	133	192	201	213	145	204	226	194	107	167	1798
<i>prj) 2015</i>	18	151	216	228	242	163	229	256	220	120	188	2031
<i>Female</i>												
<i>cur) 2001</i>	13	122	212	202	219	174	234	276	234	162	231	2079
<i>prj) 2015</i>	15	138	240	228	246	195	264	310	263	182	259	2340
<i>Combined</i>												
<i>cur) 2001</i>	29	255	404	403	432	319	438	502	428	269	398	3877
<i>prj) 2015</i>	33	289	456	456	488	358	493	566	483	302	447	4371

Average Age for the Service Unit: 31.9