

El Reno Indian Health Center

El Reno, Oklahoma

Outpatient Service Area

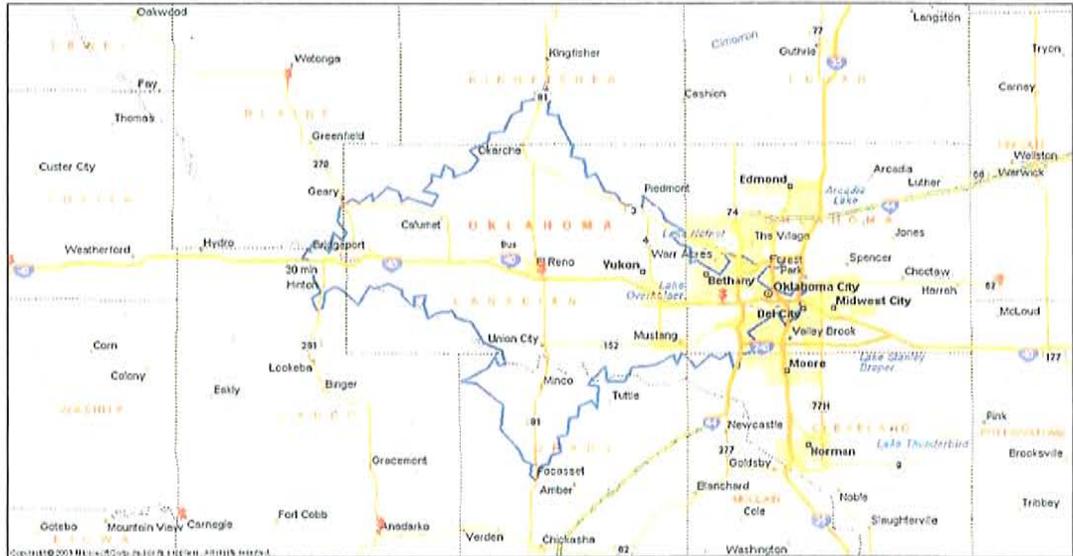
El Reno Indian Health Center

Service Area Profile

A. Location

Service Area – 30 minute drive time access

Service Area Communities	
•	Calumet
•	Concho
•	El Reno
•	Mustang
•	Piedmont
•	Union City
•	Yukon
•	Cashion
•	Dover
•	Hennessey
•	Kingfisher
•	Loyal
•	Okarche
•	Omega



B. Access

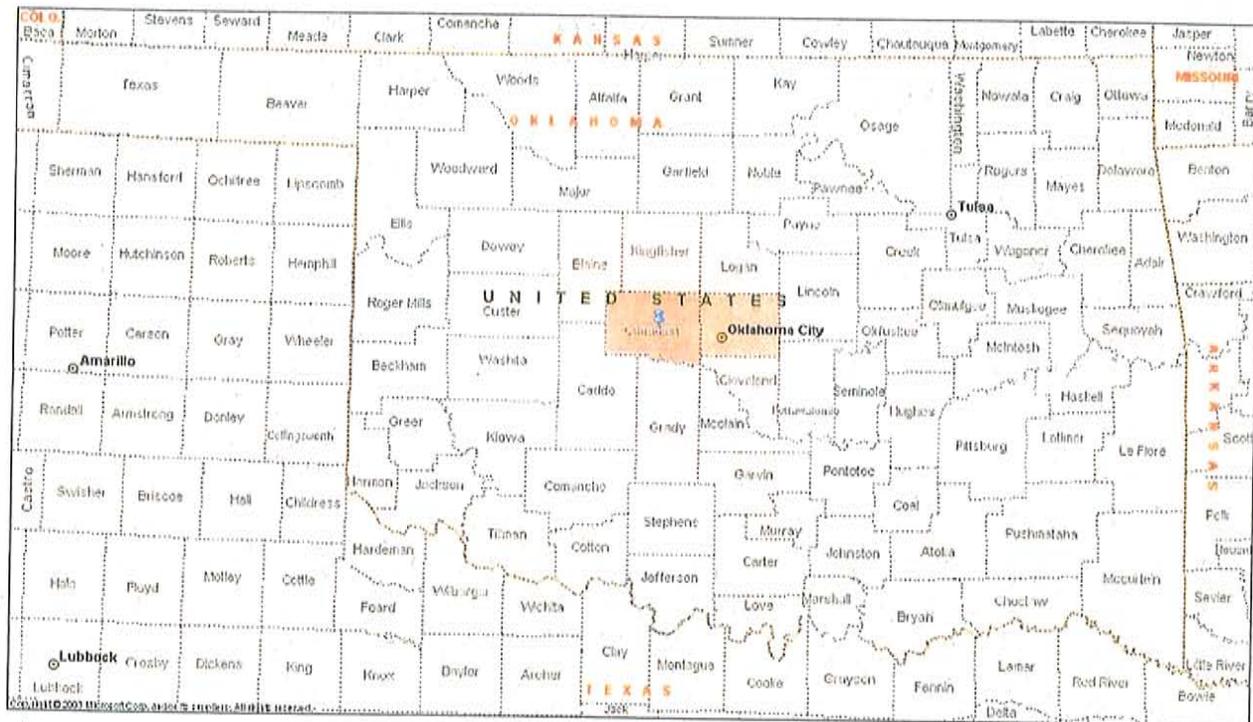
C. Demographics

EL RENO SERVICE UNIT 2004 USER POPULATION ANALYSIS

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 El Reno Indian Health Center



D. Topography and Climate:

The topography of the service area is comprised of gradual topographical rising which eventually rises to the Red Bed Plains to the Gypsum Hills to the High Plains. It is a part of the Great Plains and is known in Oklahoma as the "Shortgrass Country". The major rivers that cross the service area are the Canadian North Canadian Rivers.

The climate of the service area is very changeable. Winds from the south to southeast are quite dominant. The average annual temperature is 15.6 degrees Celsius. Temperatures range from 34.4 degrees Celsius in the summer months to -3.9 degrees in the winter months. The average annual precipitation ranges from 838.2 mm per year in the Northwestern part of Canadian County to 990.6 mm per year in the southeastern part of Canadian County.

Thunderstorms usually occur on about 47 days each year, usually during the spring and summer. Tornadoes are not uncommon. Typically, there are about 5 events each year of hail exceeding one inch in diameter.

E. Housing and Public Facilities:

El Reno's total population is 16,212 people. The Indian population is 1,594. Housing is reasonably abundant in the area. Most Cheyenne and Arapaho Indians within the El Reno Service Area live in single family homes either owned by the family or rented.

El Reno has a post office, numerous grocery stores, shopping centers, restaurants and other public facilities such as a golf course, public parks, museums, 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.

El Reno is considered part of the metropolitan Oklahoma City, which is 45 km away. Oklahoma City has commercial airports.

F. Utilities:

Natural gas is supplied by the Oklahoma Natural Gas Company. Rural areas may use bottled gas (propane).

Electricity is supplied by the Oklahoma Gas and Electric Company.

Telephone services are widespread and are supplied by the Southwestern Bell Telephone Company. Pioneer Telephone Company services the Calumet area.

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 Oklahoma City stations and public television.

G. Education: Public Schools are located in every small city or town in the Service Area for grades 1-12.

El Reno is one of the State districts which is served by an Area Vocational Technical School operating in El Reno.

Redlands Community College is located in El Reno. This institution offers Associate's Degrees in a variety of fields including Health Technology, Biological & Pre-Professional Health Sciences, and Nursing. Southern Nazarene University is also in the service area, 37 kilometers East of El Reno. It offers a BS in a variety of fields including Nursing and Biology.

H. Economy: Manufacturing and retail trade related industries are two major employers in the Service Area. Other employment is provided by food services and Government related services

in the surrounding areas. People living in the eastern part of the service area are able to commute to Oklahoma City for work.

Many Indians are employed in local services and trades, or in the governmental services. However, the majority derive their income through 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, which has relatively high employment compared to the rest of the State.

I. Social and Political: The Cheyenne and Arapaho are the two predominant tribes in the Service Area. In recent years, there has been a considerable increase in the number of Indians moving into the El Reno, Yukon and Oklahoma City 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
- Nutrition (Part-time)
- Optometry
- Podiatry
- Psychiatry
- Social Services
- Mental Health
- Laboratory
- Screening Mammography (1/month)
- Pharmacy
- Public Health Nursing
- Health Education

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

(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)

CLINTON - CALUMET (CANADIAN)

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	4	6	10	11	4	10	4	7	3	1	61
prj) 2015	1	5	8	13	14	5	13	5	9	4	1	78
Female												
cur) 2001		8	8	9	4	3	4	7	2	3	3	51
prj) 2015		10	10	11	5	4	5	9	3	4	4	65

CLINTON - CASHION (KINGFISHER)

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					4
prj) 2015				1		1	3					5
Female												
cur) 2001			2	1	1	3	2	2	3			14
prj) 2015			3	1	1	4	3	3	4			19

CLINTON - CONCHO (CANADIAN)

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	3	10	8	6	14	7	8	11	4	76
prj) 2015		6	4	13	10	8	18	9	10	14	5	97
Female												
cur) 2001		4	7	4	4	7	12	8	7	3	3	59
prj) 2015		5	9	5	5	9	15	10	9	4	4	75

CLINTON - DOVER (KINGFISHER)

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			1	2		9
prj) 2015				6	1	1			1	3		12
Female												
cur) 2001		1	2	2	1		1	1	1	1	1	11
prj) 2015		1	3	3	1		1	1	1	1	1	13

CLINTON - EL RENO (CANADIAN)

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	22	89	107	94	102	72	110	118	75	33	29	851
prj) 2015	28	112	135	119	129	91	139	149	95	42	37	1076
Female												
cur) 2001	13	82	119	108	93	82	138	150	90	48	49	972
prj) 2015	16	104	150	136	117	104	174	189	114	61	62	1227

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

(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)

CLINTON - HENNESSEY (KINGFISHER)

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>		4	4	4	6	3		1	1			23
<i>prj) 2015</i>		6	6	6	8	4		1	1			32
Female												
<i>cur) 2001</i>		3	2	4	3	4	6	5	5	2	2	36
<i>prj) 2015</i>		4	3	6	4	6	8	7	7	3	3	51

CLINTON - KINGFISHER (KINGFISHER)

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>	1	11	15	16	15	14	23	16	10	11	3	135
<i>prj) 2015</i>	1	15	21	22	21	20	32	22	14	15	4	187
Female												
<i>cur) 2001</i>	3	13	16	17	19	18	34	24	26	7	11	188
<i>prj) 2015</i>	4	18	22	24	27	25	48	34	36	10	15	263

CLINTON - LOYAL (KINGFISHER)

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>		1		1			1					3
<i>prj) 2015</i>		1		1			1					3
Female												
<i>cur) 2001</i>			1									1
<i>prj) 2015</i>			1									1

CLINTON - MUSTANG (CANADIAN)

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>		7	10	14	11	9	10	12	5	10	5	93
<i>prj) 2015</i>		9	13	18	14	11	13	15	6	13	6	118
Female												
<i>cur) 2001</i>		12	18	11	5	11	21	18	13	9	5	123
<i>prj) 2015</i>		15	23	14	6	14	27	23	16	11	6	155

CLINTON - OKARCHE (KINGFISHER)

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	4	3	4	3	4	5	3		1	30
<i>prj) 2015</i>		4	6	4	6	4	6	7	4		1	42
Female												
<i>cur) 2001</i>	1	2	3	1	5	3	1	5	2	1	2	26
<i>prj) 2015</i>	1	3	4	1	7	4	1	7	3	1	3	35

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

(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)

CLINTON - OMEGA (KINGFISHER)

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>													
<i>prj) 2015</i>													
Female													
<i>cur) 2001</i>					1		1						2
<i>prj) 2015</i>					1		1						2

CLINTON - PIEDMONT (CANADIAN)

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>				2	3			2	1	2	1	1	12
<i>prj) 2015</i>				3	4			3	1	3	1	1	16
Female													
<i>cur) 2001</i>			2	2	4		1	5	2	1	2		19
<i>prj) 2015</i>			3	3	5		1	6	3	1	3		25

CLINTON - UNION (CANADIAN)

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>					1	1			1	1	1	1	6
<i>prj) 2015</i>					1	1			1	1	1	1	6
Female													
<i>cur) 2001</i>		1	1		2	1			2			1	8
<i>prj) 2015</i>		1	1		3	1			3			1	10

CLINTON - YUKON (CANADIAN)

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>			20	19	26	23	23	30	29	38	9	11	228
<i>prj) 2015</i>			25	24	33	29	29	38	37	48	11	14	288
Female													
<i>cur) 2001</i>		2	8	22	19	31	34	51	43	28	26	26	290
<i>prj) 2015</i>		3	10	28	24	39	43	64	54	35	33	33	366

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>	24	144	170	187	182	136	206	194	151	81	56	1531
<i>prj) 2015</i>	30	183	220	241	233	174	266	247	192	104	70	1960
<i>Female</i>												
<i>cur) 2001</i>	20	136	202	183	167	167	275	267	178	102	103	1800
<i>prj) 2015</i>	25	174	259	234	213	215	352	343	229	131	132	2307
<i>Combined</i>												
<i>cur) 2001</i>	44	280	372	370	349	303	481	461	329	183	159	3331
<i>prj) 2015</i>	55	357	479	475	446	389	618	590	421	235	202	4267

Average Age for the Service Unit: 27.7

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>Audiology</u>								
Audiology Visits	2001	346			346		346	
	2015	445			445		445	
<u>Clinical Engineering</u>								
Clinical Engineering	2001	301			301		301	
	2015	386			386		386	
<u>Dental Care</u>								
Dental Service Minutes	2001	316445			316445		316445	
	2015	405365			405365		405365	
<u>Diagnostic Imaging</u>								
CT/MRI Exams	2001	26	26					
	2015	33	33					
Fluoroscopy Exams	2001	89		89				
	2015	114		114				
General Radiography	2001	1072		1072				
	2015	1373		1373				
MAMMOGRAPHY	2001	362		362				
	2015	466		466				
Ultrasound Exams	2001	179		179				
	2015	229		229				
<u>Education & Group Consultation</u>								
# of staff	2015	48			99		99	
<u>Eye Care</u>								
Optometrist Visits	2001	1051			1051		1051	
	2015	1342			1342		1342	
<u>Facility Management</u>								
Service index	2001	10			10		10	
	2015	13			13		13	
<u>Housekeeping & Linen</u>								
Lbs of Linen	2001	3573			3573		3573	
	2015	4577			4577		4577	
<u>Laboratory</u>								
Chem/Hema/Immun/Urin	2001	11032	662		10370		10370	
	2015	14128	848		13280		13280	
Histo/Cytology billable	2001	26	26					
	2015	33	33					
Microbiology billable tests	2001	2263	905		1358		1358	
	2015	2899	1160		1739		1739	
Transfusion/BB billable	2001	204	4	200				
	2015	262	5	257				

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 Estima Facility Workload</u>
<u>Mental Health</u>							
Mental Health Visits	2001	583		583		583	
	2015	749		749		749	
<u>Pharmacy</u>							
Inpatient Pharmacy	2001						
	2015						
Outpatient Pharmacy	2001	171572		171572		171572	
	2015	219732		219732		219732	
<u>Physical Therapy</u>							
Inpatient Physical Therapy	2001						
	2015						
OUTPATIENT PHYSICAL	2001	1374		1374		1374	
	2015	1755		1755		1755	
<u>Primary Care</u>							
Primary Care Provider	2001	12762		12762		12762	
	2015	16345		16345		16345	
<u>Property & Supply</u>							
Storage Index	2001	3254		3254		3254	
	2015	4168		4168		4168	
<u>Public Health Nursing</u>							
Public Health Nursing	2001	949		949		949	
	2015	1213		1213		1213	
<u>Respiratory Therapy</u>							
Respiratory Therapy work	2001	9592		9592			
	2015	12284		12284			
<u>Specialty Care</u>							
Specialist Visits	2001	551		551			
	2015	703		703			

Program of Requirements
 Project Name: El Reno Outpatient Service Area - El Reno, Oklahoma
 Project Number:

Building Area Summary...	<u>Template Or Discipline</u>	<u>Net Square Meters</u>	<u>Conversion Factor</u>	<u>Department Gross Square Meters</u>
<u>Administration</u>				
Administration	AD	157.00	1.40	219.80
Business Office	BO	105.00	1.40	147.00
Health Information Management	HIM	148.00	1.25	185.00
Information Management	IM	60.00	1.20	72.00
<u>Ambulatory</u>				
Dental Care	DCC11	373.30	N/A	560.00
Eye Care	EC1	128.20	N/A	163.00
Primary Care	PCP5	381.00	N/A	552.00
<u>Ancillary</u>				
Laboratory	LB1	46.80	N/A	56.00
Pharmacy	PH_2	138.80	N/A	167.00
Physical Therapy	PT1	116.20	N/A	149.00
<u>Behavioral</u>				
Mental Health	MH	90.00	1.40	126.00
Social Work	SW	28.00	1.40	39.20
<u>FacilitySupport</u>				
Facility Management	FM_2	82.90	N/A	99.00
<u>Preventive</u>				
Health Education	HE	16.00	1.40	22.40
Public Health Nursing	PHN	99.00	1.40	138.60
Public Health Nutrition	PNT	18.00	1.40	25.20
<u>SupportServices</u>				
Education & Group Consultation	EGC	14.00	1.10	15.40
Employee Facilities	EF	91.40	1.20	109.68
Housekeeping & Linen	HL1	25.50	N/A	28.00
Housekeeping & Linen	HL	12.00	1.10	13.20
Property & Supply	PS_2	149.70	N/A	165.00
Public Facilities	PF	63.00	1.20	75.60

Department Gross Square Meters	3128.08
Building Circulation & Envelope (.20)	625.62
Floor Gross Square Meters	3753.70
Major Mechanical Space (.12)	450.44
Building Gross Square Meters	4204.14