

## **Chapter 3**

### **Health Care Issues**

## Introduction

Health care service providers in Taney County are regional resources for residents in surrounding counties in Missouri and Arkansas. Because of this, and Taney County's increasing population, it is important to identify the capacity of the delivery of current health care services. Hospital capacity, skilled nursing, and physician characteristics will be examined to develop a profile of the resources available in Taney County.

## Nursing

The number of nurses by type of license in Taney County is presented in Table 3.1 for 2006.

**Table 3.1**

<b>Nurses By License Type-Taney County, 2006</b>	
	<b>Number</b>
Acute Care Nurse Practitioner	2
Adult Nurse Practitioner.	1
Adult Psych/Mental Health CNS	1
Family Nurse Practitioner	10
Nurse Anesthetist	5
Pediatric Nurse Practitioner	1
Women's Health Nurse Practitioner	1
LPN	155
RN	223
Total	399

## Hospital Services

Skaggs Community Health Center reported having 132 licensed beds in 2005 (Table 3.2). Table 3.2 also provides the occupancy rate and average length of stay for Skaggs Community Health Center in Branson.

**Table 3.2**

<b>Skaggs Community Hospital Beds By Type, 2005</b>				
Inpatient Service Area	Licensed Beds	Staffed Beds	Occupancy Rate	Average Length* of Stay
Medical Surgical (Includes Swing)	64	64	51.0	--
Obstetric	14	14	33.3	--
Intensive Care (Mixed)	14	14	73.8	--
Other Special Care - Type: STEPDOWN	0	12	74.9	--
Alcohol/Chemical	28	28	75.8	--
Total Hospital	132	132	59.0	4.4

Source: Missouri Department of Health and Senior Services

\*Average Length of stay may include time spent in ICU units

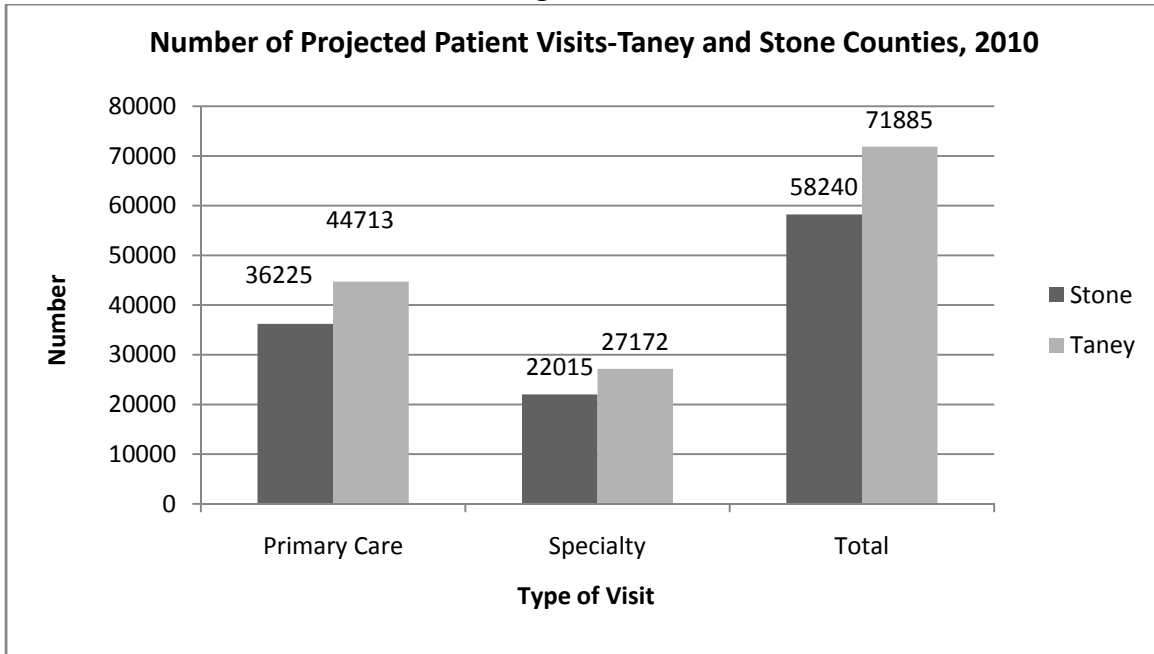
**Table 3.3**

<b>Skaggs Community Health Center Rooms By Type, 2002 and 2005</b>		
	<b>2002</b>	<b>2005</b>
Licensed Beds	111	132
Licensed Beds Occupancy Rate	61.5	-
Average Length of Stay (Days)	4	-
Open Heart Surgery Rooms	1	1
Other Operating Rooms	7	7
Number of Airborne Infection Isolation Rooms	5	5
Number of Isolation Rooms	0	8
Delivery Rooms	3	3

Source: Missouri Department of Health and Senior Services

Table 3.3 lists the number and type of rooms available at Skaggs Community Health Center.

**Figure 3.1**



Source: Skaggs Community Health Center, "Primary Health Care Services For Uninsured and Medicaid-Eligible Individuals In Taney and Stone Counties, Missouri: An Analysis of the Market"

Figure 3.1 shows a projected total of almost 72,000 patient visits to Skaggs Community Health Center from Taney County residents and over 58,000 visits from Stone County residents by the year 2010. The US Department of Health and Human Services, Health Resources and Services Administration has designated Taney County as a Health Professional Shortage area in regards to Low Income access to healthcare and Mental Health Services.

Tables 3.4 and 3.5 provide statistics on services provided by Skaggs Community Health Center and their clinics.

**Table 3.4**

<b>Health Promotion Services-Skaggs Community Health Center</b>	
Diabetes Screening	Yes
Diabetes Education	Yes
Arthritis Education	Yes
Weight Management	
PSA Screening	Yes
Cholesterol Screening	Yes
Heart Health Education	Yes
Fitness/Exercise Program	Yes
Smoking Cessation Program	Yes
Osteoporosis Screening	Yes
Osteoporosis Education	Yes

Source: Missouri Department of Health and Senior Services, Community Data Profiles

**Table 3.5**

<b>Utilization Statistics-Skaggs Community Health Center, 2005</b>			
<b>Payroll Expenses</b>	\$34,372,480	Number of Open Heart Surgeries - Adult	150
<b>Non-Payroll Expenses</b>	\$65,164,718	Number of Open Heart Surgeries - Ped	0
<b>Total Expenses</b>	\$99,537,198	Number of Cardiac Caths Procedures	1,239
		Angioplasties	273
<b>Outpatient Total</b>	225,352	CT Scans Procedures	9,706
		ESWL Totals (Lithotripsies)	36
<b>Emergency Visits</b>	33,288	Excimer Laser Procedures	0
		Gamma Knife Procedures	0
<b>Surgery Total</b>	10,862	Hemodialysis Treatments	57
Inpatient	1,925	PET Procedures	0
Outpatient	8,937	Radiation Therapies	0
		MRI Procedures	2,439
<b>Open Heart Surgery Rooms</b>	1	Births	566
<b>Other Operating Rooms</b>	7	OB Level	2
<b>Number of Isolation Rooms</b>	8	Newborn Days	1,257
<b>Number of Airborn Infection Isolation Rooms</b>	5	Delivery Rooms	3
<b>Negative Pressure Room (Air exchange 12 times/hour)</b>	5	LDRP Rooms	0
<b>Negative Pressure Room (Air exchange 6 times/hours)</b>	3	High Risk Infant Clinic	2
		High Risk Prenatal Clinic	2

Source: Missouri Department of Health and Senior Services, Community Data Profiles

### Physicians

The number of total Active/Associate and Board Certified physicians by specialty at Skaggs Community Health Center for the year 2005 are listed in Table 3.6.

**Table 3.6**

<b>Physician Staffing By Specialty, Skaggs Community Hospital, 2005</b>		
<b>Physician Staffing</b>	<b>Active/Associate</b>	<b>Board Certified</b>
General Practice	14	11
General Internal Medicine	12	11
Pediatrics	1	1
Cardiology	4	3
Gastroenterology	0	0
Oncology	1	1
Neurology	2	2
Other Med Specialties	4	4
Obstetrics/Gynecology	3	2
Ophthalmology	1	1
Orthopedic Surgery	3	2
Plastic Surgery	1	1
General Surgery	2	2
Thoracic Surgery	0	0
Other Surgical Specialties	3	3
Anesthesiology	3	3
Emergency Medicine	10	7
Nuclear Medicine	0	0
Pathology	6	6
Psychiatry	0	0
Physical Med & Rehab	1	1
Radiology	4	4
Other Specialties	2	2
Dental Specialties	0	0
Podiatric Specialties	0	0
<b>Total</b>	<b>72</b>	<b>62</b>

Source: Missouri Department of Health and Senior Services

Table 3.4 provides information regarding Emergency Room utilization by condition for Taney County residents. A comparison with state averages is also provided.

**Table 3.7**

**Emergency Room Visit Profile for Taney County Residents-2005**

	Numbers	Taney County Age-Adjusted Rate	Significantly Different	Age-Adjusted State Rate
All Diseases/Conditions	16,919	405.8	H	356.8
Infection	189	4.6	L	8.2
Viral Infections	139	3.4	L	5.9
Neoplasms (Cancer and Other Growths)	27	0.6	N/S	0.6
Nutritional/Metabolic/Immunity	204	4.6	N/S	4.2
Diabetes Mellitus	103	2.4	H	1.6
Blood and Blood-Forming	34	0.8	L	1.3
Anemia	24	0.5	L	1.0
Mental Disorders	638	15.5	H	10.0
Alcohol- and Substance-Related Mental Disorders	249	6.1	H	2.4
Anxiety-Related Disorders	140	3.4	H	2.7
Brain/Spinal Cord/Eyes/Ears	1,794	43.8	H	34.4
Headache/Migraine	687	17.0	H	10.5
Otitis Media and Related Conditions	412	10.4	H	9.2
Heart and Circulation	897	19.5	H	17.0
Hypertension	105	2.3	H	1.8
Heart Disease	662	14.5	H	12.8
Stroke/Other Cerebrovascular Disease	40	0.8	N/S	0.8
Respiratory (Throat and Lung)	2,263	54.9	N/S	56.4
Chronic Obstructive Pulmonary Disease (COPD)	360	8.4	H	5.5
Asthma	110	2.7	L	5.2
Pneumonia and Influenza	196	4.7	N/S	4.7
Digestive System	1,314	31.5	H	24.3
Teeth and Jaw Disorders	547	13.5	H	7.0
Kidneys/Bladder/Genitalia	854	20.1	N/S	18.8
Urinary Tract Infections	291	6.8	N/S	7.4
Pelvic Inflammatory Disorders (PID)	45	1.1	N/S	1.3
Pregnancy/Childbirth/Reproduction	209	5.0	L	6.9
Pregnancy Complications	156	3.7	L	5.5
<u>Skin</u>	630	15.5	H	11.7
Bone/Connective Tissue/Muscle	1,501	36.3	H	22.7
Arthritis and Related Joint Disorders	361	8.7	H	5.0
Back Problems	733	17.8	H	10.6
Injury and Poisoning	4,224	102.7	N/S	99.9
Fractures	436	10.4	L	11.9
Open Wounds	888	21.6	N/S	22.5
Sprains and Strains	958	23.7	N/S	23.0
Burns	93	2.3	H	1.7
Poisoning	147	3.6	H	2.7

All rates are per year per 1,000 population and are age-adjusted to the U.S. 2000 standard population. \* Fewer than 20 events in numerator; rate is unstable. Trends are available only if each 3-year period of the moving average has an average of 20 or more events.

## Long-Term Care Facilities

Characteristics of long-term care facilities in Taney County are shown in the following tables. In 2003, there were seven licensed nursing homes in the county with 519 licensed beds. There are four levels of care provided by nursing homes in the state of Missouri, three levels are provided by nursing homes in Taney County.

- Residential Care Facility I (RCF I): provides shelter, board and protective oversight; this may include keeping and distributing medications and providing care during short-term illnesses or recuperation.
- Residential Care Facility II (RCF II): provides additional services including supervision of diets and providing care during short-term illnesses or recuperation.
- Intermediate Care Facility (ICF): provides board, personal care, basic health and nursing care services under the daily supervision of a licensed nurse and under the direction of a licensed physician.
- Skilled Nursing Facility (SNF): provides board, skilled nursing care and treatment services commonly performed by or under the supervision of a registered professional nurse. Individuals living in an SNF require twenty-four hour care and other nursing functions requiring specialized judgment and skill.

Missouri Guide for Seniors, Choosing a Long-Term Care Facility

Table 3.8 presents the number of licensed beds and days of care for the year 2003. The average occupancy rate and the number of Medicare/Medicaid beds for the year 2003 are also shown.

**Table 3.8**

<b>Characteristics of Long Term Care Facilities- Taney County</b>				
	<b>Total</b>	<b>Licensed Beds</b>	<b>Medicare Beds</b>	<b>Medicaid Beds</b>
<b>Skilled Nursing Facility</b>	3	350	Yes	Yes
<b>Residential Care Facility I</b>	2	47	No	No
<b>Residential Care Facility II</b>	2	122	No	No
<b>Total</b>	7	519		

Source: Missouri Department of Health and Senior Services

**Table 3.9**

<b>Characteristics of Long Term Care Facilities- Taney County</b>								
	<b>Total</b>	<b>Alzheimer's Unit</b>	<b>Ventilator Care</b>	<b>Adult Day Care</b>	<b>FT Staff</b>	<b>PT Staff</b>	<b>Average Minimum Charges</b>	<b>Average Maximum Charges</b>
Skilled Nursing Facility	3	1	1	0	2	247	16	\$3,145.33
Residential Care Facility I	2	0	0	0	0	0*	5*	\$783*
Residential Care Facility II	2	0	0	0	0	11	11	\$1,020.5
<b>Total</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>258</b>	<b>32</b>	<b>\$2,043.33</b>

Source: Missouri Department of Health and Senior Services

Table 3.9 lists the number of Alzheimer’s Units, Ventilator Care and Adult Day Care available in long-term care facilities in Taney County. It also provides the number of staff and average charges for these facilities.

**Medicaid and Other Pay Sources**

Table 3.10 presents the number of people in Taney County enrolled in the Medicaid program as of July 1, 2007. It indicates that 7,424 residents of Taney County under the age of 65 and 625 over the age of 65 were receiving Medicaid services. Approximately 18.7% of the population under age 65 in Taney County was receiving Medicaid services. The number of Medicaid participants has decreased as a result of state Medicaid cuts.

**Table 3.10**

<b>Medicaid Participation by Age for Taney County, 2007</b>			
<b>Age Groups</b>	<b>2004 Medicaid Participants</b>	<b>2007 Medicaid Participants</b>	<b>Percent Change</b>
Under 1	378	433	14.6
Total Under 19	4,909	4,568	-6.9
Total Under 65	7,851	6,803	-13.3
65 and Over	616	620	0.6
Unknown	4	1	-75.0
<b>TOTAL</b>	<b>8,471</b>	<b>7,424</b>	<b>-12.4</b>
Percent of Population* Under 65	22.70%	18.70%	
* 2006 Population Estimates			
"Medicaid Participation" in these tables refers to people with a Medicaid card. This is an unduplicated count of those participating in Medicaid as of July 1, 2007.			

Source: Missouri Department of Health and Senior Services

Table 3.11

<b>Medicaid Participation By Age and Race For Taney County, 2007</b>			
<b>Age Groups</b>	<b>Number</b>	<b>White</b>	<b>African-American</b>
Under 1	433	423	2
1 to 4	1,168	1,128	10
5	267	259	0
6	258	247	1
7 to 9	716	683	6
10 to 14	1,041	994	10
15 to 17	536	494	13
18	149	135	7
<b>Total Under 19</b>	<b>4,568</b>	<b>4,363</b>	<b>49</b>
19	76	75	0
20	66	66	0
21	72	70	1
22 to 24	243	239	1
25 to 34	518	502	6
35 to 44	387	361	9
45 to 54	498	478	5
55 to 64	375	366	0
<b>Total Under 65</b>	<b>6,803</b>	<b>6,520</b>	<b>71</b>
65 and Over	620	605	1
Unknown	1	1	
<b>TOTAL</b>	<b>7,424</b>	<b>7,126</b>	<b>72</b>
Percent of Population* Under 65	18.70%		
* 2006 Population Estimates			
"Medicaid Participation" in these tables refers to people with a Medicaid card. This is an unduplicated count of those participating in Medicaid as of July 1, 2007.			

Source: Missouri Department of Health and Senior Services

Table 3.11 provides a more detailed description of the age groups and racial categories receiving Medicaid services. Approximately 18.7% of the population that is under 65 years of age in Taney County was enrolled in Medicaid in 2007.

**Table 3.12**

<b>Days of Care By Pay Source-Taney County, 2000-2005</b>			
	<b>2000</b>	<b>2005</b>	<b>Percent Change 2000-2005</b>
Medicare	11,486	15,615	35.9
Medicaid	3,964	4,951	24.9
Other Government	157	98	-37.6
Workers Comp	233	87	-62.7
Selfpay/No Charge	1,592	1,726	8.4
Commercial	3,548	4,022	13.4
Other	547	318	-41.9
Unknown	0	98	
All Pay Sources	21,527	26,915	25.0

Source: Missouri Department of Health and Senior Services; Rate per 10,000; Age Adjustment Uses 2000 Standard Population

A survey released by the Missouri Department of Health and Senior Services during 2003 indicated that 21% of Taney county residents were without medical insurance. This percentage would result in approximately 9,192 residents in Taney County being uninsured in 2007. The percentage of uninsured and under-insured residents is expected to increase as employers are forced to limit health care coverage and Medicaid program cuts force low-income adults off the program.