

Neodesha Rural Health Works



KANSAS RURAL
HEALTH WORKS



Communities Building Affordable & Sustainable Healthcare Systems

Health and Behavioral Data

Introduction

Kansas Rural Health Works (KRHW) is dedicated to helping rural communities build affordable and sustainable local health care systems. Health care is important to seniors, young families and companies. But rural health care systems are facing many challenges: hospitals are closing; services have been cut; doctors won't come to the area or they don't stay; Medicare and Medicaid payments are too low. Rural residents can revitalize their local health care system. KRHW provides the tools. Local visionary leadership puts these tools to work. KRHW helps communities keep health care dollars at home. Sponsored by the Kansas Rural Health Options Project with funding from the Office of Rural Health Policy, Health Resources and Services Administration.

Health and Behavioral Data Summary

Following are a variety of data and statistics about health and behavioral characteristics in Wilson County that may have implications for local health care needs. The data is reported by county.

- Over time, the trend in nursing home occupancy may suggest an overall decline. This may reflect the preference for community-based care outside of a nursing home.

- Considering available indicators of children's welfare, the percentage of women receiving adequate prenatal care is below the state rate. The rates of youth tobacco use and binge drinking are between about 15 to 20 percent and trending slightly downward.

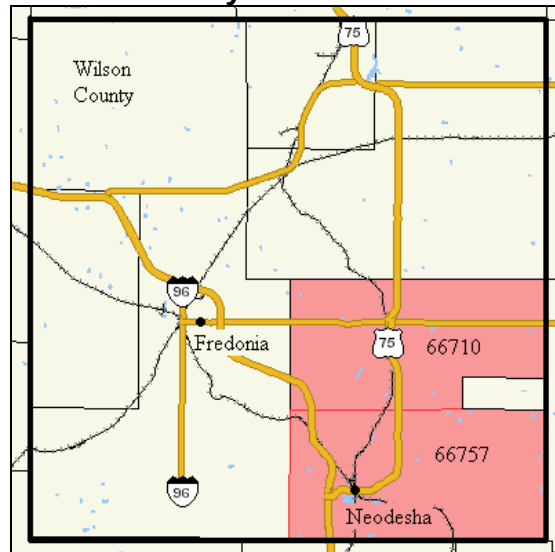
- Data related to persons served by selected publicly-funded services suggest a number of individuals and families in the county are in need of economic assistance.

- Data show that about 20% of newborns in the county received less than adequate prenatal care in 2006.

- There were 28 teenage pregnancies, 17 out of wedlock, in 2006.

- Trends in recent hospital usage suggest a slightly increasing level of demand.

Wilson County Health Market Area



ZIP codes within the Neodesha Health Area.

Source: Claritas, Inc. 2009

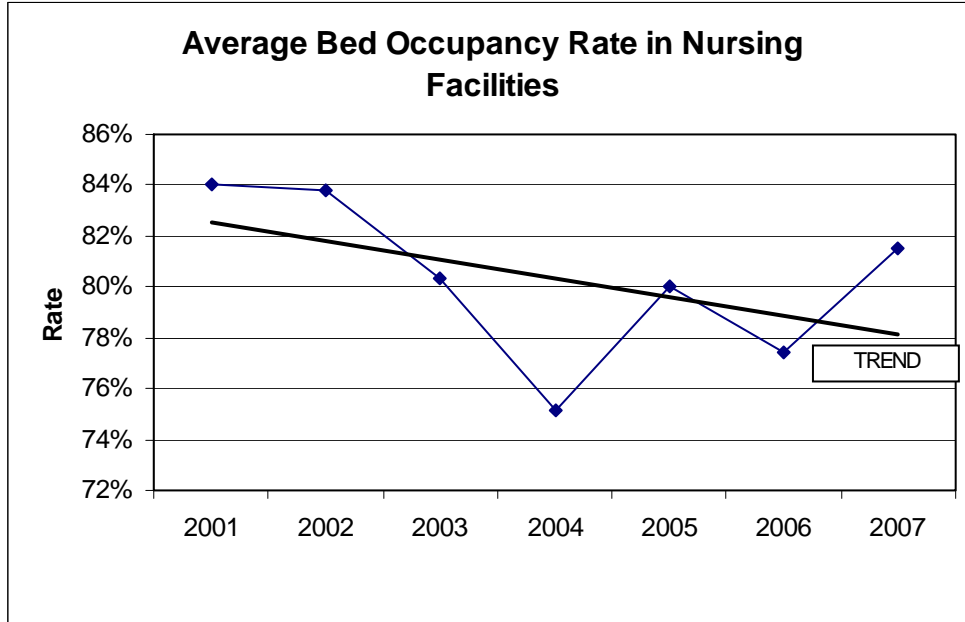
Neodesha Rural Health Works

The number of nursing home beds combines all licensed nursing home beds in Wilson County. Over time, occupancy has fluctuated between 75 and 85 percent. The trend, however, may suggest an overall decline of occupancy. This may reflect the broader trend of persons' preference for community-based care outside of a nursing home.

Table 1. Average Occupancy of Nursing Home Beds

	2001	2002	2003	2004	2005	2006	2007
Average Number of Beds	139	139	137	137	137	137	137
Average Occupancy Rate	84.0%	83.8%	80.3%	75.1%	80.0%	77.4%	81.6%

Kansas Department on Aging, semi-annual reports, Kansas Hospital Association STAT Report, 2009



Neodesha Rural Health Works

Considering available indicators of children's welfare, the small population base can lead to large percentage changes that must be interpreted cautiously. The trend for the rate of adequate prenatal care has declined. While available data are limited, only one in two children is receiving necessary immunizations. About 20 percent of fetuses had not had adequate prenatal care. The rates of youth tobacco use and binge drinking are approaching nearly 20 percent.

Table 2. Indicators of Children's Welfare

Health Indicators		Trend Data				
		2004	2005	2006	2007	2008
Immunizations	Wilson	70.4%	50.5%	50.0%	-	50.0%
	KS	69.3%	57.9%	51.1%	-	51.1%
Prenatal Care	Wilson	82.8%	80.2%	79.7%	-	79.7%
	KS	81.4%	79.1%	78.4%	-	78.4%
Low Birth Weight Babies	Wilson	5.9%	3.5%	7.7%	-	7.7%
	KS	7.3%	7.2%	7.2%	-	7.2%
Teen Violent Deaths (per 100,000 15-19 year-olds)	Wilson	0.0	0.0	0.0	0.0	0.0
	KS	40.8	46.0	40.5	40.5	40.5
Youth Tobacco Use	Wilson	19.9%	-	19.2%	12.8%	12.8%
	KS	15.8%	15.6%	14.9%	13.5%	13.5%
Youth Binge Drinking	Wilson	23.4%	-	17.4%	16.1%	16.1%
	KS	17.2%	16.5%	16.7%	15.6%	15.6%
Asthma (per 1,000)	Wilson	3.0	0.0	0.4	-	0.0
	KS	1.7	1.6	1.7	-	1.7
Mental Health (per 1,000)	Wilson	6.1	6.6	3.1	-	3.1
	KS	3.0	3.0	2.9	-	2.9

Kansas KIDSCOUNT, 2009

Neodesha Rural Health Works

Table 3 contains information about persons served by state/Medicaid funded services. Across the service categories reported, most appear to have improved slightly. Still, when taken together, the numbers suggest a fairly high proportion of the local population experiencing economic distress.

Table 3. Persons Served by Selected Public Assistance Programs in Wilson County

		Persons Served		
		FY 2006	FY 2007	FY 2008
Major Services				
Temporary Assistance for Families	Avg. monthly persons	190	171	139
TANF Employment Services	Avg. monthly adults	90	54	40
Child Care Assistance	Avg. monthly children	64	69	51
Food Assistance	Avg. monthly persons	918	834	832
Energy Assistance	Annual persons	730	639	621
General Assistance	Avg. monthly persons	18	17	21
Vocational Rehabilitation Services	Avg. monthly persons	24	19	24
Family Preservation	Annual persons	9	10	12
Reintegration/Foster Care	Avg. monthly children	15	19	15
Adoption Support	Avg. monthly children	9	11	12
Home and Community Based Services				
Physical Disability	Annual consumers	78	87	98
Traumatic Brain Injury	Annual consumers	2	2	1
Developmental Disability	Annual consumers	25	25	24
Autism	Annual consumers	n/a	n/a	0
Institutional Services				
Intermediate Care Facility (ICF-MR)	Average daily census	0	0	0
State Hospital - Developmental Disability	Average daily census	0	0	0
State Hospital - Mental Health	Average daily census	0	0	0
Nursing Facility - Mental Health	Average daily census	0	0	0

Kansas Department of Social and Rehabilitation Services, 2009

In considering the selected vital statistics in Table 4, among those that stand out are that about 20 percent of newborns received less than adequate prenatal care. Seventeen out-of-wedlock teenage pregnancies in 2006 set these youths on difficult life paths. And, consistent with national trends, slightly less than one-half of all marriages end in dissolution.

Over time, usage of Wilson County Hospital appears to have increased (Table 5). This is most evident in the number of outpatient visits and in both inpatient and outpatient surgical procedures. Both Medicare and Medicaid recipients appear to be an important component of the patient base.

Neodesha Rural Health Works

Table 4. Selected Vital Statistics for Wilson County, 2006

	<u>Total</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>45 & Over</u>
Live Births by Age-Group of Mother	143	0	25	52	41	18	5	2	0
	<u>Adequate Plus</u>		<u>Adequate</u>		<u>Intermediate</u>		<u>Inadequate</u>		
Adequacy of Prenatal Care	57	46.4%	41	33.3%	7	5.7%	18	14.6%	
	<u>Total</u>	<u>10-14</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>45 & Over</u>
Out-of-Wedlock Births by Age	56	0	17	25	10	2	2	0	0
	<u>Live Births</u>		<u>Stillbirths</u>		<u>Abortions</u>		<u>Total</u>		
	<u>10-14 yrs.</u>	<u>15-19 yrs.</u>	<u>10-14 yrs.</u>	<u>15-19 yrs.</u>	<u>10-14 yrs.</u>	<u>15-19 yrs.</u>	<u>10-14 yrs.</u>	<u>15-19 yrs.</u>	
Teenage Prenancies	0	25	0	0	0	3	0	28	
	<u>0-5</u>	<u>5-14</u>	<u>15-24</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65-84</u>	<u>85 & Over</u>
Deaths by Age Group	2	0	0	1	2	7	11	64	44
Marriages		<u>2002</u>		<u>2003</u>		<u>2004</u>		<u>2005</u>	<u>2006</u>
by Number and Rate per 1,000 Population	67	6.6	64	6.3	72	7.2	82	8.3	64 6.5
Marriages Dissolutions		<u>2002</u>		<u>2003</u>		<u>2004</u>		<u>2005</u>	<u>2006</u>
by Number and Rate per 1,000 Population	57	5.6	48	4.8	47	4.7	53	5.4	43 4.3

Kansas Department of Health and Environment, 2009

Neodesha Rural Health Works

Table 5. Hospital Data for Wilson County and Neodesha

	2005/2006	2006/2007
Wilson County		
Number of Practicing Physicians	10	11
Persons per Physician	983	885
Wilson County Hospital		
Licensed Acute Beds	25	18
Staffed Beds-Hospital	18	18
Staffed Beds-Nursing Home Unit	-	-
Admissions-Hospital	235	304
Admissions-Nursing Home Unit	-	-
Admissions-Swing Beds	90	91
Inpatient Days - Hospital	867	1,040
Inpatient Days - Nursing Home Unit	-	-
Inpatient Days - Swing-beds	1,143	1,299
Emergency Room Visits	2,317	2,124
Outpatient Visits	11,025	11,441
Inpatient Surgical Operations	45	83
Outpatient Surgical Operations	218	297
Medicare Inpatient Discharges	166	274
Medicare Inpatient Days	651	1,960
Medicaid Inpatient Discharges	10	25
Medicaid Inpatient Days	33	98

Kansas Hospital Association STAT Report, 2007, 2008

This information was prepared by the Office of Local Government, K-State Research and Extension. For questions or other information, call 785-532-2643.