

Rice County Rural Health Works



Communities Building Affordable & Sustainable Healthcare Systems

Health and Behavioral Data

Introduction

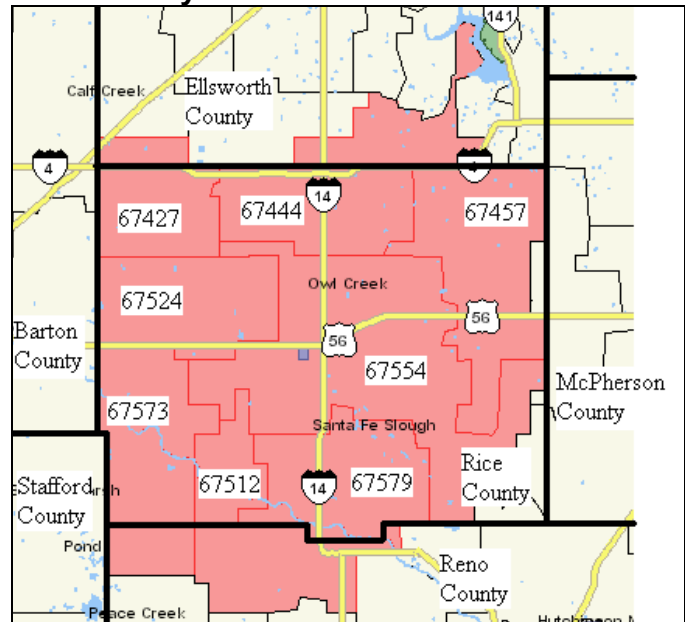
Kansas Rural Health Works (KRHW) is dedicated to helping rural communities build affordable and sustainable local health care systems. Health care is important to seniors, young families and companies. But rural health care systems are facing many challenges: hospitals are closing; services have been 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 Rice County that may have implications for local health care needs. The data are 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 10 to 15 percent and trending slightly upward.
- 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 30% of newborns in the county received less than adequate prenatal care in 2006.
- There were 17 teenage pregnancies, 16 out of wedlock, in 2006.
- Trends in recent hospital usage suggest a stable level of demand.

Rice County Health Market Area



ZIP codes within the Rice County Health Area.

Source: Clartias, Inc. 2009

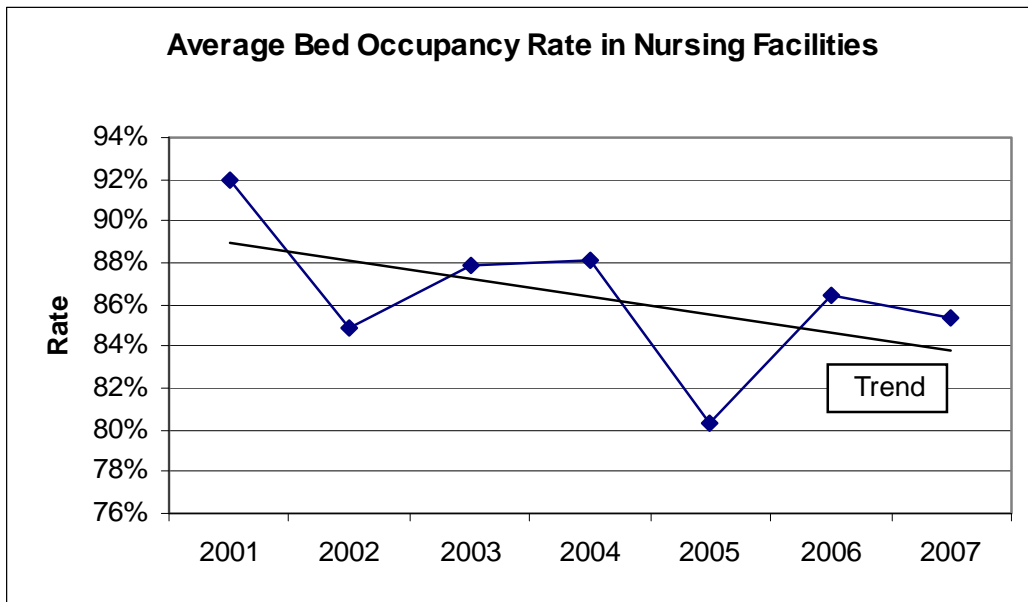
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The number of nursing home beds combines Good Samaritan/Sunflower Estates, Sandstone Heights, and Sterling Presbyterian Manor. Over time, occupancy has fluctuated between 80 and 90 percent. The trend, however, may suggest an overall decline of occupancy. 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
Number of Beds	191	207	200	198	194	166	166
Average Occupancy Rate	92.0%	84.9%	87.8%	88.1%	80.3%	86.4%	85.3%

Kansas Department on Aging, semi-annual reports



Kansas Department on Aging, 2009

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Considering available indicators of children’s welfare, the small population base can lead to large percentage changes that must be interpreted cautiously. Most indicators approximate the state levels. The percentage of women receiving adequate prenatal care is below the state rate. The rate of children receiving mental health services is below the state rate, indicating either less need or underserved need. The rates of youth tobacco use and binge drinking are between about 10 to 15 percent and trending slightly upward.

Table 2. Indicators of Children's Welfare

Health Indicators		Trend Data				
		2004	2005	2006	2007	2008
Immunizations	Rice	51.7%	55.0%	51.0%	51.0%	51.0%
	KS	69.3%	57.9%	51.1%	51.1%	51.1%
Prenatal Care	Rice	73.7%	70.9%	70.7%	70.7%	70.7%
	KS	81.4%	79.1%	78.4%	78.4%	78.4%
Low Birth Weight Babies	Rice	5.1%	6.1%	7.7%	7.7%	7.7%
	KS	7.3%	7.2%	7.2%	7.2%	7.2%
Teen Violent Deaths (per 100,000 15-19 year-olds)	Rice	0.0	0.0	0.0	0.0	0.0
	KS	40.8	46.0	40.5	40.5	40.5
Youth Tobacco Use	Rice	13.0%	8.5%	9.9%	10.6%	10.6%
	KS	15.8%	15.6%	14.9%	13.5%	13.5%
Youth Binge Drinking	Rice	11.4%	10.5%	10.6%	14.9%	14.9%
	KS	17.2%	16.5%	16.7%	15.6%	15.6%
Asthma (per 1,000)	Rice	2.5	2.1	1.7	1.7	1.7
	KS	1.7	1.6	1.7	1.7	1.7
Mental Health (per 1,000)	Rice	0.4	0.4	0.4	0.4	0.4
	KS	3.0	3.0	2.9	2.9	2.9

Kansas KIDSCOUNT, 2009

The following page contains information about persons served by state/Medicaid funded services. Across most of the service categories reported, most major service types have declined, with the exception of foster care services. Home and community based services appear to have increased somewhat. Still, when taken together, the numbers suggest a fairly high proportion of the local population experiencing economic distress.

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

		Persons Served		
		FY 2005	FY 2006	FY 2007
Major Services				
Temporary Assistance for Families	Avg. monthly persons	141	130	116
TANF Employment Services	Avg. monthly adults	68	41	37
Child Care Assistance	Avg. monthly children	36	29	29
Food Assistance	Avg. monthly persons	657	630	592
Energy Assistance	Annual persons	493	450	478
General Assistance	Avg. monthly persons	14	13	11
Vocational Rehabilitation Services	Avg. monthly persons	26	17	18
Family Preservation	Annual persons	12	10	12
Reintegration/Foster Care	Avg. monthly children	14	22	31
Adoption Support	Avg. monthly children	15	15	16
Home and Community Based Services				
Physical Disability	Annual consumers	9	12	16
Traumatic Brain Injury	Annual consumers	0	0	0
Developmental Disability	Annual consumers	14	12	14
Severely Emotionally Disturbed Children	Annual consumers	8	19	11
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

Considering the selected vital statistics shown in Table 4, among those that stand out are that nearly 30 percent of newborns received less than adequate prenatal care. Seventeen teenage pregnancies in 2006, 16 out of wedlock, set these youths on difficult life paths. And, consistent with national trends, approximately one-half of all marriages end in dissolution.

Over time, usage of Rice County Hospital appears stable in recent years (Table 5). Both Medicare and Medicaid recipients appear to be an important component of the patient base.

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Table 4. Selected Vital Statistics for Rice 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	117	0	17	36	27	21	9	5	1	
Adequacy of Prenatal Care	<u>Adequate Plus</u>		<u>Adequate</u>		<u>Intermediate</u>		<u>Inadequate</u>			
	30	25.9%	52	44.8%	10	8.6%	24	20.7%		
	<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	44	0	16	15	3	6	3	1	0	
	<u>Live Births</u>		<u>Still Births</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 Pregnancies	0	17	0	0	0	0	0	17		
	<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	0	0	0	4	3	12	7	66	43	
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	6.4	53	5.1	51	4.9	41	3.9	41	4.0
Marriage 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

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Table 5. Hospital Data for Rice County

	2005/2006	2006/2007
Number of Practicing Physicians	5	10
Persons per Physician	2,090	2,044
Licensed Acute Beds	25	25
Staffed Beds - Hospital	25	25
Staffed Beds - Nursing Home Unit	-	-
Admissions - Hospital	525	495
Admissions - Nursing Home Unit	-	-
Admissions - Swing-beds	-	-
Inpatient Days - Hospital	1,182	6,377
Inpatient Days - Nursing Home Unit	-	-
Inpatient Days - Swing-beds	5,508	-
Emergency Room Visits	2,257	2,198
Outpatient Visits	12,234	10,016
Inpatient Surgical Operations	21	30
Outpatient Surgical Operations	51	44
Medicare Inpatient Discharges	369	271
Medicare Inpatient Days	875	1,720
Medicaid Inpatient Discharges	51	32
Medicaid Inpatient Days	104	64

Kansas Hospital Association STAT Report, 2009

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