

Trego County Rural Health Works



**KANSAS RURAL
HEALTH WORKS**



Communities Building Affordable & Sustainable Healthcare Systems

Health and Behavioral Data

Introduction

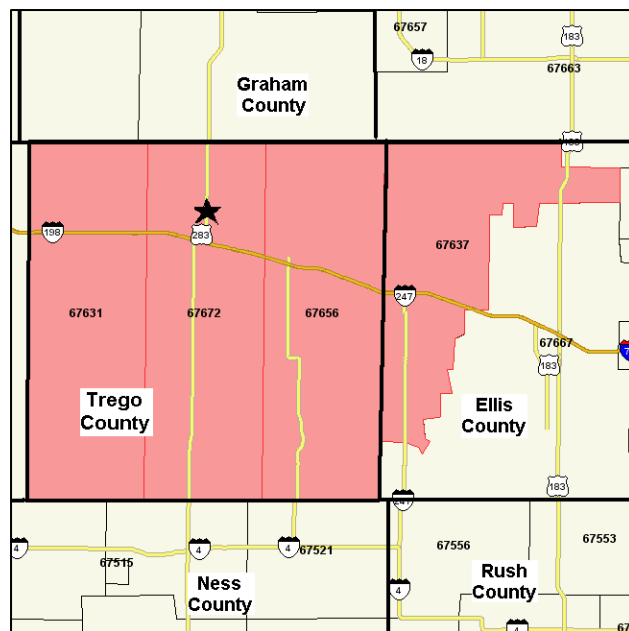
Kansas Rural Health Works (KRHW) is dedicated to helping rural communities build affordable and sustainable local health care systems. Health care is important to seniors, young families and companies. But rural health care systems are facing many challenges: hospitals are closing; services have been 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 Trego 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 trend for the rate of adequate prenatal care has declined. While available data are limited, the rates of youth tobacco use and binge drinking are approaching nearly 10 percent.
- 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.
- Trends in hospital usage suggest increasing demand for local services, especially for outpatient services as well and in-patient and out-patient surgical procedures.

Trego County Health Market Area



ZIP codes within the Trego County Health Area.
Source: Claritas, Inc. 2008

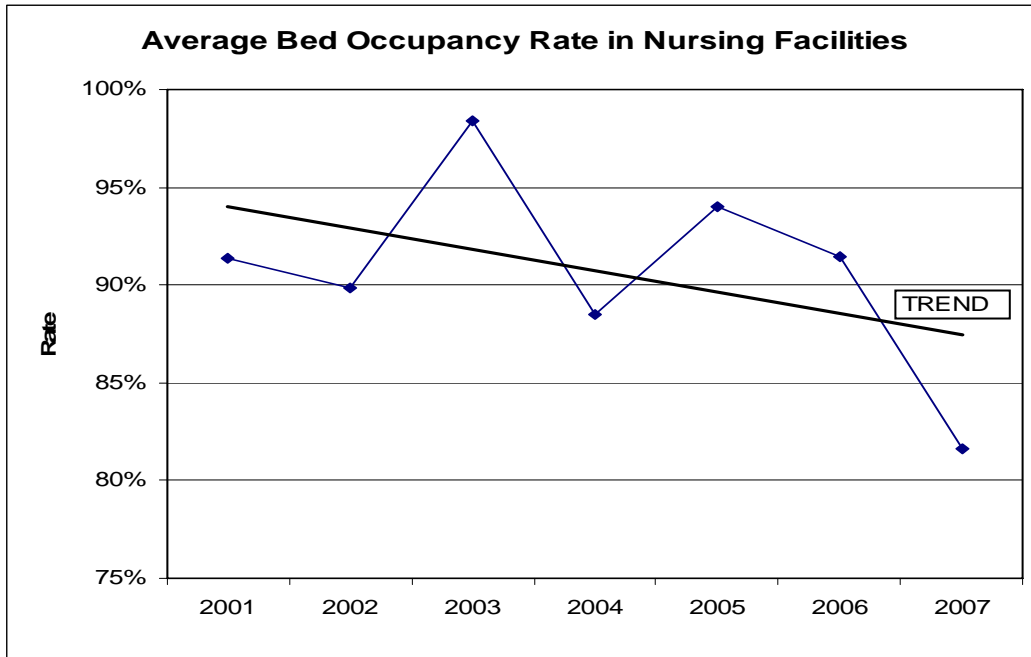
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The number of nursing home beds combines the Lutheran Home in WaKeeney together with the long-term nursing care beds at Trego County-Lemke Memorial Hospital. Over time occupancy has fluctuated around 90 percent. The trend, however, may suggest an overall 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
Average Number of Beds	85	85	75	75	79	79	79
Average Occupancy Rate	91.4%	89.9%	98.4%	88.5%	94.0%	91.5%	81.6%

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



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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. The trend for the rate of adequate prenatal care has declined. While available data are limited, the rates of youth tobacco use and binge drinking are approaching nearly 10 percent.

Table 2. Indicators of Children’s Welfare

Health Indicators		Trend Data				
		2003	2004	2005	2006	2007
Immunizations	Trego	-	89.5%	87.1%	-	-
	KS	-	69.3%	57.9%	51.1%	-
Prenatal Care	Trego	87.1%	86.7%	75.7%	70.4%	-
	KS	81.2%	81.4%	79.1%	78.4%	-
Low Birth Weight Babies	Trego	6.5%	3.3%	2.6%	14.9%	-
	KS	7.4%	7.3%	7.2%	7.2%	-
Uninsured Children (State-level only)	Trego	-	-	-	-	-
	KS	8.6%	7.1%	6.9%	6.3%	7.0%
Teen Violent Deaths (per 100,000 15-19 year-olds)	Trego	0.0	0.0	0.0	454.5	-
	KS	50.3	40.8	46.0	40.5	-
Youth Tobacco Use	Trego	-	-	-	9.33%	-
	KS	16.4%	15.8%	15.6%	14.9%	13.5%
Youth Binge Drinking	Trego	-	-	-	7.9%	-
	KS	17.5%	17.2%	16.5%	16.7%	15.6%
Asthma (per 1,000)	Trego	3.14	4.63	1.58	3.23	-
	KS	1.73	1.71	1.58	1.66	-
Mental Health (per 1,000)	Trego	3.14	0.00	1.58	0.00	-
	KS	3.18	2.97	2.98	2.88	-

Kansas KIDSCOUNT, 2008

The following page contains information about persons served by state/Medicaid funded services. Across most of the service categories reported, most appear relatively stable. 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 Trego County

		Persons Served		
		FY 2005	FY 2006	FY 2007
Major Services				
Temporary Assistance for Families	Avg. monthly persons	20	25	22
TANF Employment Services	Avg. monthly adults	14	11	13
Child Care Assistance	Avg. monthly children	8	8	5
Food Assistance	Avg. monthly persons	129	124	122
Energy Assistance	Annual persons	118	99	124
General Assistance	Avg. monthly persons	3	4	5
Vocational Rehabilitation Services	Avg. monthly persons	12	10	11
Family Preservation	Annual persons	4	4	3
Reintegration/Foster Care	Avg. monthly children	2	1	0
Adoption Support	Avg. monthly children	4	3	3
Home and Community Based Services				
Physical Disability	Annual consumers	5	7	8
Traumatic Brain Injury	Annual consumers	1	2	0
Developmental Disability	Annual consumers	5	5	6
Severely Emotionally Disturbed Children	Annual consumers	4	5	6
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, 2008

In considering the selected vital statistics in Table 4, among those that stand out are that about 30 percent of newborns received less than adequate prenatal care. Three teenage pregnancies in 2006 seem somewhat high for the small population base of this age group (less than 150 young women), and 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 Trego County-Lemke Memorial 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.

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Table 4. Selected Vital Statistics for Trego 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	27	0	3	10	10	3	1	0	0
Adequacy of Prenatal Care	<u>Adequate Plus</u> 1	<u>3.7%</u>	<u>Adequate</u> 18	<u>66.7%</u>	<u>Intermediate</u> 3	<u>11.1%</u>	<u>Inadequate</u> 5	<u>18.5%</u>	
Out-of-Wedlock Births by Age	<u>Total</u> 12	<u>10-14</u> 0	<u>15-19</u> 3	<u>20-24</u> 6	<u>25-29</u> 2	<u>30-34</u> 1	<u>35-39</u> 0	<u>40-44</u> 0	<u>45 & Over</u> 0
Teenage Prenancies	<u>Live Births</u> <u>10-14 yrs.</u> 0	<u>15-19 yrs.</u> 3	<u>Stillbirths</u> <u>10-14 yrs.</u> 0	<u>15-19 yrs.</u> 0	<u>Abortions</u> <u>10-14 yrs.</u> 0	<u>15-19 yrs.</u> 0	<u>Total</u> <u>10-14 yrs.</u> 0	<u>15-19 yrs.</u> 3	
Deaths by Age Group	<u>0-5</u> 0	<u>5-14</u> 0	<u>15-24</u> 3	<u>25-34</u> 1	<u>35-44</u> 0	<u>45-54</u> 2	<u>55-64</u> 3	<u>65-84</u> 16	<u>85 & Over</u> 31
Marriages	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>				
by Number and Rate per 1,000 Population	23	7.3	25	8.1	21	6.6	17	5.6	19 6.3
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	11	3.5	13	4.2	13	4.1	4	1.3	12 4.0

Kansas Department of Health and Environment, 2007

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Table 5. Hospital Data for Trego County

	1999/2000	2000/2001	2002/2003	2003/2004	2004/2005	2005/2006	2006/2007
Number of Practicing Physicians	6	5	2	2	2	3	6
Persons per Physician	544	639	1,570	1,552	1,579	1,017	499
Licensed Acute Beds	28	28	32	25	25	25	25
Staffed Beds-Hospital	18	20	28	25	25	25	25
Staffed Beds-Nursing Home Unit	45	45	35	33	37	37	37
Admissions-Hospital	615	611	757	680	693	878	650
Admissions-Nursing Home Unit	28	22	16	19	22	8	26
Admissions-Swing Beds	126	202	203	299	299	248	242
Inpatient Days - Hospital	2,653	2,294	4,210	2,325	2,276	4,400	2,105
Inpatient Days - Nursing Home Unit	14,899	14,403	12,675	10,686	12,691	12,354	11,024
Inpatient Days - Swing-beds	1,346	212	2,103	2,681	2,484	2,342	2,405
Emergency Room Visits	1,698	1,480	1,409	1,186	1,200	1,293	1,371
Outpatient Visits	6,572	5,676	20,912	4,105	9,544	17,535	24,892
Inpatient Surgical Operations	21	67	48	94	149	125	191
Outpatient Surgical Operations	167	180	208	398	517	464	691
Medicare Inpatient Discharges	465	640	620	525	544	740	736
Medicare Inpatient Days	2,112	3,878	3,788	1,879	1,800	3,909	3,985
Medicaid Inpatient Discharges	13	11	19	15	28	26	26
Medicaid Inpatient Days	38	110	73	59	93	62	56

Kansas Hospital Association STAT Report

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