

Ver 6/5/2002 Osage County		Community Health Profile Inventory Tool for Osage County					State Rate
COMMUNITY HEALTH INDICATORS	Date Reviewed	Significant Findings? (Y/N)	Primary or Secondary Data (P/S)	Reference Notes/ Implications	State Rate		
1 Demographics							
1a	Age	24-Dec	N	S	Median age of Osage County is 36.1yrs.	Median age 36.1; 65yrs + 13.5%	
1b	Gender	24-Dec	N	S	Males 50.7%; Females 49.3%	Males 48.6%; Females 51.4	
1c	Marital Status	24-Dec	N	S	Persons over 15 yrs of age: 23% never married; 62% currently married; 8% widowed; 6% divorced	25% never married; 56% currently married; 7% widowed; 11% divorced	
1d	Race/Ethnicity	24-Dec	N	S	98.6% white; 0.6% other races; 0.8% multirace	84.9% white; 11.2% black; 1.5% multirace	
1e	Non-English speaking students in school	24-Dec	N	S	no Limited English Students 1998/2000		
1f	Geographic Distrib. of Population	24-Dec	N	S	Primarily a rural area with 13.6% of population on farms	70% urban; 30% rural; 2.5% on farms	
1g	Population increase or decrease	24-Dec	N	S	8.7% increase in population from 1990-2000 census; 17.9% growth in City of Linn; 11.5% growth in City of Westphalia	MO 9.3% increase in population	
1h	Density of population	24-Dec	N	S	21.6 persons per square mile; 613 square miles (2000 Census); 19.8 persons per square mile (1990)	MO 81 persons per square mile	
2 Education							
2a	Education Levels	#####	N	S	% of population age 25+ with H.S. Diploma or Equivalency 1990=43.1; 2000=44.1; 10.4% college graduation or a professional degree	1990=33.1; 2000=32.7	
2b	High School Graduation Rate	#####	Y	S	1996 H.S. graduation rate 89.6 % ; 2000 graduation rate 93.2 %; is consistently higher than state rates and neighboring counties	72.4 % for 1996; 79.3 % for 2000	
2c	Drop-out Rate	#####	N	S	Osage R-1 drop-out rate for 01-02 school yr 2.7; Osage R-2 rate 1.6; Osage R-3 rate 1.6 (DESE); 2.0% (ADA)	MO 3.8	
2d	Literacy	#####	N	S	Osage R-1 top 2 reading quintiles from MMAT 10th grade 97-98 = 41%; R-2 = 50%	top 2 10th grade state is 43%	
3 Socio-Economic							
3a	Average Household Income	#####	N	S	Median Household income for Osage in 1999 was 39,565 (U.S. Census 2000)	Med. Household income 37,934	
3b	Per Capita Income	#####	N	S	per capita income \$17,245	\$19, 936	
3c	Participation in Free/Reduced Cost	#####	N	S	For 01-02 school year: Osage R-1 (40% eligible), Osage R-2 (35% eligible), Osage R-3 (22% eligible)	MO 38% eligible	
3d	Single-Parent Households	#####	N	S	Female head of household, no husband, children under 18; 1990-3.0%; 2000-4.0%	1990-7.1%; 2000-7.1%	
3e	Percent of Population at or below 100%	#####	N	S	modc. poverty by MO county; Osage 8.3% (2000)	11.70%	
3f	Assessed Valuation	#####	N	S	assessed value mcounties.com \$139564081	\$68,370,889,067	
3g	Leading Industry	#####	N	S	Top Employers: Schools, Millwork (Manufacturers), Junior Colleges & Technical Institutes, Dog & Cat Food (Manufacturers), Nursing & Convalescent Homes, Restaurants, Grocers-Retail, Publishers-Book, Automobile Dealers-New Cars, Clubs		
3h	Transfer Payments	#####	N	S	transfer payments 1990-36,840 ; 2000- 64,934 (10% increase in medical payments for public assistance)		
3i	Unemployment Rate	#####	N	S	current unemployment Nov. 2002 (4.1%) Avg unemployment 97-2001 (4.0%)	Avg for MO 97-2001 (4.0%)	
4 Environment							
4a	Age of Housing	#####	Y	S	27.6% of all housing structures in 1990 were pre-1940; 22.5% of all housing structures in 2000 were pre-	20% in 1990; 16% in 2000 pre-1940	
4b	Lead Abatement Projects	1/13/2003	N	S	Bureau of Lead Licensing - no known projects in past yr		
4c	Food Borne Outbreaks	#####	N	S	No significant findings		
4d	Communicable Disease Outbreaks	#####	N	S	No significant findings; 26 confirmed influenza 1-1-02 thru 12-30-02		
4e	Water Quality	#####	Y	S	private wells (24 of 74 tested in Gasc/Osage in 2002 were unsatisfactory for drinking water); 15 groundwater systems, 10 are community systems; Osage PWSD #2 south with coliform violations in Jan, April, May, June, July and August; 2 systems identified as significant non-compliers		
4f	Water Fluoridation	#####	N	S	Argyle has only fluoridated water in the county. Fluoride mouthrinse programs offered in schools	71% community systems fluoridated	
4g	Air Quality	#####	N	S	closest monitoring in Belle MO (#64 monitored for inhalable particulates - site established in 2001)		
4h	Solid Waste	#####	N	S	contracted waste companies haul waste outside of county, no landfills in county	25 active permitted facilities in MO	
4i	other	#####	N	P	recycling efforts periodically in cities		
5 Public Safety							
5a	Homicide Rate	#####	N	S	3 events in the past 11 yrs. - rate is much lower than state rate (1.7)	MO age adjusted rate 10.4	
5b	Overall Crime Rate	#####	N	S	Osage County part 1 crimes 2001 total arrests 24; part 2 crimes total arrests 83		
5c	Violent Crime Rate	#####	N	S	2001 Uniform Crime Reporting shows Osage with 4 arrests for aggravated assault, and one murder		
5d	Juvenile Crime Rate	#####	Y	S	Total juvenile law violations (2000-71); (1999-50); (1998-36) Low compared to state totals; continuous		
5e	Seat Belt/Child Safety Seat Use	#####	Y	P	Surveys at local schools (Fatima and Linn R-2 reveals 60-65% usage rates)	usage rate 69.37%; Natl. 75%	
5f	Illegal Drug Use	#####	N	S	Drug related prison admissions in 2000-3; prison admissions in 2001-2		
5g	DWI Arrest Rate	#####	N	S	DWI/DUI Arrests 1998-61; 1999-61; 2000-45; 2001 Uniform Crime Reporting shows 20 arrests for DUI		
5h	other	#####	N	S			
6 Family/Domestic Violence							
6a	Child Abuse and Neglect	1/13/2003	N	S	Total reported incidents in 2000-78; total reported incidents in 2001-70; Decrease of 10.26 % Probable cause child abuse and neglect in 1999 was 6.4 compared with state of MO rate of 6.6	reported incidents increased 13.75%	
6b	Child Out-of-Home Placement	1/13/2003	N	S	Out of home placements 1998-1999=13; 1999-2000=2; 2000-2001=8		
6c	Domestic Partner Violence	1/13/2003	N	S	domestic violence stats 1998-1999=1; 1999-2000=0; 2000-2001=0; mdhss mica-1999=0; 2000=2		
6d	Elder Abuse and Neglect	1/13/2003	N	S	23 completed investigations for FY 2000; 70% or 16 had reason to believe; 1999 Osage 29 investigations with 17 reason to believe	57% reason to believe for MO total reports increased 5%	
7 Unintended Injuries							
7a	Work-related Injuries	1/13/2003	Y	S	9 deaths in a 10 yr period 89-98 rate 6.7; higher than state rates but rate is unstable b/o fewer than 20 events	state rate 2.4	
7b	Alcohol and Drug Related Traffic Accidents	1/15/2003	Y	S	10% of all crashes were drinking involved in 2000; 16% of all accidents were drinking involved in 2001	state 4.7%	
7c	Motor Vehicle Accident Injuries	1/15/2003	Y	S	32% of all crashes in 2000 had injuries; 42% of all crashes in 2001 had injuries	State 2001 26% had injuries	
7d	Unintentional Injuries	1/13/2003	Y	S	much higher than state rate for deaths 1990-2000 (73.6); motor vehicle related deaths and inpatient hospitalizations from motor vehicle accidents make up most of the unintentional injuries	state rate 39.9	

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						7e Firearms Injuries	1/13/2003	N	S	deaths 0.7; hospitalizations 6.6; want to watch this indicator as Osage ranks 3rd in state for youth hunters.	deaths 0.5; hosp. 5.6		

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8 Maternal & Child Health							
8a	Unintended Pregnancies	1/13/2003	N	S	Unintended deliveries for calendar year 1998 lower than state rate: 41 events out of 166 live births rate of 24.6	state rate 32.3	
8b	Smoking during Pregnancy	1/13/2003	N	S	1999 smoking during pregnancy Osage rate 12.0 (20 out of 166 live births)	State rate 18.3	
8c	Immunization Rate	1/13/2003	Y	S	public clinic immunization rate Kids Count (1996-70%); (2000-88%); CASA reports show current rates 68%	state rate 84% both 96/00	
8d	Low Birth Weight	1/13/2003	N	S	Osage Low Birth Weight 5 year rate 1995-1999 (4.1); lower than state rate	State 5 yr rate 7.7	
8e	Birth Defects	1/13/2003	N	S	Osage Birth Defects 5 year rate 1994-1998 (4.3)	State 5 yr rate 5.5	
8f	Number of Births to Teens	1/13/2003	N	S	Births to teenagers ages 15-19 per 1,000 females (1996/2000) 1996 rate=29.2; 2000 rate= 28.4	48.6	
8g	Number of Births to Women over 40	1/13/2003	N	S	Osage five year rate 1995-1999 (0.7)	State of MO rate 1.5	
8h	Rate of Multiple Births	1/13/2003	N	S	no data; Nationally twin births exceeded 3% of all births in US		
8i	Births to Women without High School	1/13/2003	N	S	5 yr rate 1995-1999 11.4; lower than state	state rate 19.2	
8j	Inadequate Prenatal Care	1/13/2003	N	S	2 yr rate 1998-1999 7.8; lower than state	State of MO rate 10.7	
8k	Repeat Pregnancies under age 20	1/13/2003	N	S	Repeat births <20 yrs 5 yr rate 1.6; lower than state rate	State of MO rate 2.9	
8l	Birth Spacing less than 18 months	1/13/2003	N	S	Osage er visits have decreased slightly over past 3 yrs for children under 15 yrs	Mo shows slight increase	
8m	Child Emergency Room Visits	1/13/2003	N	S	number of er visits for Osage slightly decreased over past 3 yrs for children under 15 yrs.	Mo slightly increased	
8n	Causes of Child Hospitalizations	1/13/2003	N	S	injury and asthma hospitalizations for 1999 age 1-14 and 15-19 both lower than state; injury hospitalization 15-19 yrs 15.4	injury hospitalizations 15-19 17.6	
8o	Lead Testing Rates/Percentage Elevated	1/13/2003	Y	S	testing ages 0-6 1999 rate 2.3	10.6 for 1999	
9 Infectious Disease							
9a	HIV/AIDS	1/13/2003	N	S	reported HIV cases cumulative through 2001 (1); reported AIDS cases through 2001 (2); currently living (2)	rates highest in St. Louis region	
9b	Sexually Transmitted Disease	1/13/2003	N	S	Gonorrhea cases 99-2; 00-1; 01-1; Chlamydia cases 99-6; 00-2; 01-13; syphilis - no reported cases	rates higher in metropolitan areas	
9c	Communicable Disease	1/13/2003	N	S	overall communicable disease rates low		
9d	Salmonella	1/13/2003	N	S	1998 - one case of salmonella; 2 reported cases in 02		
9e	Tuberculosis	1/13/2003	N	S	1998 - 11 cases of infection, no active disease		
9f	Vaccine-Preventable Diseases	1/13/2003	N	S	26 confirmed influenza in 2002		
9g	Hepatitis A and B	1/13/2003	N	S	no reported Hep A or B in Osage for 1-1-02 through 12-30-02; 3 reported Hep C, 1 chronic infection		
9h	E-Coli H-0157	1/13/2003	N	S	follow up of E. coli was completed in 2000, none in 2001 by the health department		
9i	other	1/13/2003	Y	S	West Nile Virus confirmed in Osage County - Summer 02; 2 cases confirmed in American crow, no reported human cases; 34 animal bites (includes both Gasconade and Osage)		
10 Nutrition							
10a	Pregnant Women Achieving Proper Weight	1/13/2003	N	S	5 yr. 95-99 rate of weight gain >=45lbs 14.2; weight gain <15lbs. 6.8	>=45lbs. 16.8; <15lbs. 7.7	
10b	Breast Feeding Rates	1/15/2003	Y	S	WIC Breastfeeding in Osage 2000 12.7% (mica); 2001 14%; 2002- 18% (mdhss wic summary reports)	state mo 2000 17%	
10c	Potential Eligible being served by WIC	1/15/2003	Y	S	Total enrollment in WIC Oct 2001 - 265; Oct 2002 - 293		
10d	Iron Deficiency Anemia among WIC	1/15/2003	N	S	data not found		
10e	Obesity	1/13/2003	Y	S	BRFSS 98 central region overweight 34.1 (adult); Missouri 99 YBRFSS 29% stating slightly or very	MO 35.6	
10f	Daily Consumption of Fruit and Vegetables	1/13/2003	Y	S	78% of central region DO NOT eat recommended fruits and veges; MO YBRS 18-19% eat recommended fruit/veges	MO 80%	
10g	Senior Nutrition Sites	1/13/2003	N	P	one nutrition site in Linn serves average of 90 meals per day; most of which are home delivered, only 30 eat in; home delivery for hot and/or frozen meals on certain days to Chamois, Loose Creek, Rich Fountain, Westphalia, Freeburg		
10h	Participation in Food Assistance Programs	1/13/2003	N	S	Emergency Food Assistance available in Linn - Good Shepherd		
10i	% of individuals with cvd eating fewer high fat foods	1/13/2003	N	S	no data found specific to those with cvd; 78.3% of central region say they do not eat the recommended 5 fruits/veges daily	MO 80%	
10j	% of individuals with cvd exercising more	1/13/2003	N	S	no data found specific to those with cvd; 27.2% of central region say they do not get physical activity	MO 27.9%	
10k	% of individuals with diabetes and/or	1/13/2003	N	S	5 yr death rate in Osage 97-2001 35.1	MO 24.8; currently diag. 6.7%	
10l	% of babies born with neural tube defects	1/13/2003	N	S	1 neural tube defect in 5 yr period 1994-1998 rate is 12.3	MO 7.8	
10m	other						
11 Chronic Disease							
11a	Smoking Rates (Teens and Adults)	1/13/2003	N	S	Adults - central region BRFSS 24.4%	MO adult 27.7%; youth 30.3%	
11b	Sedentary Lifestyle/	1/13/2003	Y	S	27.2% of central region adults get no physical activity	MO adults 27.9	
11c	Causes of Hospitalization	1/13/2003	N	S	MICA 2000 hospitalizations lower than state rates in most areas; highest rates for heart and circulation	highest in 2000 heart and circulation	
11d	Persons with Functional Limitations						
12 Mortality Rate Indicators							
12a	All Cancers	1/13/2003	N	S	11 yr rate 109.6	MO 136.6	
12b	Breast Cancer	1/13/2003	N	S	11 yr rate 12.3	MO 21.4	
12c	Cardiovascular Disease	1/13/2003	N	S	11 yr rate 140.7	MO 153.3	
12d	Cerebrovascular Disease	1/13/2003	N	S	11 yr rate 23.9	MO 27.7	
12e	Pulmonary Disease	1/13/2003	N	S	11 yr rate 17.4	MO 22.7	
12f	Infant Mortality	1/13/2003	N	S	15 infant deaths in 10 yr period 1990-1999 rate 9.3	MO 8.3	
12g	Alcohol Related	1/13/2003	N	S	11 yr rate 2.9 for both alcohol and substance abuse; mdmh data show 2 alcohol related deaths in 98, none in 99 or 00	MO 9.0	
12h	Substance Abuse	1/13/2003	N	S	mdmh data show 1 drug related death in Osage for 1999; none for 98 or 00		
12i	Suicide	1/13/2003	N	S	mdmh data show 1 death from suicide in 98, 2 in 99, and 1 in 00; 11 yr rate for Osage is 13.3	MO 12.6	
12j	Unintentional Injury Death Rate	1/13/2003	Y	S	11 yr rate 57.5; 90 deaths resulting from unintentional injuries	MO 35.0	
12k	Child Deaths	1/13/2003	N	S	total child deaths 1989-99 is 12; rate is 38.7	MO 27.5	
12l	Diabetes	1/13/2003	N	S	11 yr rate 12.6	MO 12.0	

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12m other											
13 Health Care System											
13a	Physician/Patient Ratios	1/13/2003	N	S, P	Ratio of Physicians Per Population: 1:2612 ; Osage equivalent of 2 primary FTE's in 2001 from MDHSS Center for Health Improvement; 2 FNP's work out of Belle Clinic						
13b	Access to Medicaid Providers	1/15/2003	N	S, P	10.1 % Medicaid participation in individuals under 65 yrs; HCUSA current caseload May 2002 604	MO 17.0%					
13c	Access to Dental Services	1/15/2003	Y	S,P	Limited access for medicaid providers; Access to Medicaid Dental providers .2 (mdhss Center for Health						
13d	Access to Mental Health Services	1/13/2003	N	P	Osage has access to mental health in nearby Cole, one provider within county						
13e	Availability of Other Health Care Manpower	1/16/2003	N	S, P	Osage has 2.4 dentists for entrie county; Ratio of RNs Per Population: 1:165						
13f	Medically Uninsured Population	1/15/2003	N	S	7.3% of Missouri children at or below 200% poverty level without Health Insurance						
13g	Emergency Medical Services Response	1/16/2003	N	P	Does not seem to be a significant problem						
13h	Hospitals in the County	1/13/2003	N	P	no hospitals in Osage County						
13i	Nursing Homes	1/13/2003	N	P	one skilled facility with 132 beds; one intermediate facility with 44 beds; three RCF facilities 78 beds						
13j	Access to Tertiary Care	1/16/2003	N	P	no access to tertiary care						
13k	Home Health Care	1/13/2003	N	P	provided through surrounding hospitals, no agencies within county						
13l	911 Service	1/13/2003	N	P	under consideration by county commission						
13m	Reproductive Health Services	1/13/2003	N	P	no providers of prenatal services within the county						
13n	Local Enforcement of Laws re: Tobacco Sales to Minors	1/16/2003	N	P	no violations known						
13o	Public Transportation	1/13/2003	N	P	Oats system of transportation; medicaid transportation						
13p	Other										
14 Community Health Resources											
14a	Recreational/Exercise	1/13/2003	Y	P	No facilities in Osage						
14b	Drug and Alcohol Treatment	1/13/2003	N	P	No providers in county						
14c	Smoking Cessation	1/13/2003	N	P	Gasconade-Osage County Health Department will provide individual counseling if requested.						
14d	Health Education Opportunities	1/13/2003	N	P	Health Department Health Educator offers educational programs within the community						
14e	Wellness/Prevention Programs	1/16/2003	Y	P	Limited access to resources/programs - most commute to Cole County						
14f	Summer Feeding Sites	1/13/2003	N	P	None						
14g	Services for those with Physical Disability	1/13/2003	N	P	Osage County Special Services						
14h	Food Pantry Resources	1/16/2003	N	P	Good Shepherd facility in Linn MO, Maries county in Belle food pantry open on Tuesdays						
14i	Crisis Centers	1/16/2003	N	P	None						
14j	Community Coalitions/Partnership	1/16/2003	N	P	C-2000 group in Linn, Osage County Interagency coalition meets monthly						
14k	School Nurse/Student Ratio	1/16/2003	N	P	Osage R-1 limited nursing services available-1 day per week; Osage R-3 2 FTE: Osage R-2 2 FTE; Osage Parochial schools 1 FTE; Ratio of nurses to students in Osage is 1 nurse to 665 students. (DESE)	Recommended ratio natl. 1:750					
14l	Other										
Community Health Assessment											
Summary of Findings											
For Osage County											
<p>A) Review of community health status indicators, including primary and secondary data, reveals the following problems: Environmental Indicators: Age of Housing (22.5% of housing in 2000 is pre-1940; state is 16%); related to MCH indicator only 2.3% of children in Osage were screened for lead in 1999; state is 10.6%. Water Quality seems to be another environmental concern for both public water systems and private wells. Public Safety Indicators: Juvenile Crime rate has continued to increase from 36 in 1998 to 71 in 2000. Unintentional Injury Indicators as well as deaths from unintentional injuries is much higher in all areas, including work injuries, motor vehicle accidents and alcohol and drug related traffic accidents. Related to this is seat belt usage. In osage appears much lower than state and national usage rates. MCH Indicators: Immunization rates dropping Nutrition Indicators: Obesity parallels rates of state, food choices, sedentary lifestyles related to this indicator are also poor for osage. Breastfeeding rates are low. Health Care System and Community Health Resources: Access to services, such as medicaid dental health and wellness, recreation, prevention programs limited.</p>											
<p>B) Review of Behavioral Risk Factor Surveillance System or other locally conducted Community Survey (if a community survey was completed within the past 36 months) reveals the following problems. Community Survey was completed in May 2001 and revealed the following concerns: 1) Issues related to lifestyle choices, tobacco, and alcohol use; 2) Communication/coordination of services/interagency council; 3)Unintentional injuries - safety issues.</p>											
The three most significant problems affecting the health status of population within the jurisdiction of the local public health agency are (public health priorities)											
1) _Issues related to lifestyle choices, particularly obesity, sedentary lifestyles, wellness programs._											
2) _Water quality, including private wells, surface water quality, and public water supplies_											
3) _Unintentional injuries ; seat belt, child safety, Motor vehicle accidents_											
Date 1-28-03											
Signature of Local Public HealthAgency Administrator or person completing this form.											
Note on question B, the Core Public Health Functions Contract doesnot require a locally conducted community survey.											
Date of last complete data analysis. May 2001											