

COMMUNITY HEALTH DATA INVENTORY

March, 2005

FY2005 Core Functions 5.2.2



Warren County Health Department

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1 DEMOGRAPHICS						
Gender and Age Distribution			2000 County Rate	2000 State Rate	Change 1990 to 2000 County Rate State Rate	
1a	Males	Total	49.66%	48.63%	-0.14%	-0.47%
1b		Under 5	3.43%	3.38%	0.79%	0.38%
1c		5 to 14	7.94%	7.42%	0.03%	-0.04%
1d		15 to 24	6.07%	7.07%	0.00%	0.07%
1e		25 to 44	14.56%	14.44%	0.74%	0.79%
1f		45 to 64	11.87%	10.83%	-2.10%	-1.67%
1g		65 to 74	3.65%	3.18%	0.15%	0.17%
1h		75 and Over	2.13%	2.31%	0.25%	-0.17%
1i	Females	Total	50.34%	51.37%	0.14%	0.47%
1j		Under 5	3.10%	3.23%	1.01%	0.34%
1k		5 to 14	7.68%	7.07%	0.23%	-0.04%
1l		15 to 24	6.28%	6.92%	-0.35%	0.13%
1m		25 to 44	14.25%	14.64%	0.73%	1.10%
1n		45 to 64	11.82%	11.51%	-1.99%	-1.55%
1o		65 to 74	3.89%	3.84%	0.29%	0.49%
1p		75 and Over	3.32%	4.16%	0.21%	-0.01%
1q	Total	Total				
1r		Under 5	6.53%	6.61%	1.80%	0.72%
1s		5 to 14	15.62%	14.49%	0.26%	-0.08%
1t		15 to 24	12.34%	13.99%	-0.35%	0.20%
1u		25 to 44	28.82%	29.08%	1.47%	1.89%
1v		45 to 64	23.69%	22.34%	-4.09%	-3.22%
1w		65 to 74	7.54%	7.03%	0.44%	0.66%
1x		75 and Over	5.45%	6.47%	0.47%	-0.17%

Reference Notes / Implications of Age and Gender Distributions		
	WARREN COUNTY	STATE
Largest Increase – Males	Under 5 = 0.79%	25 to 44 = 0.79%
Largest Increase – Females	Under 5 = 1.01%	25 to 44 = 1.10%
Largest Increase – Total	Under 5 = 1.80%	25 to 44 = 1.89%
Largest Decrease – Males	45-64 = -2.10%	45-64 = -1.67%
Largest Decrease – Females	45-64 = -0.73%	45-64 = -1.10%
Largest Decrease – Total	45-64 = -1.47%	45-64 = -3.22%
	<ul style="list-style-type: none"> • Largest areas of increase are much younger than the state. • However, the county second largest areas of growth is the state's largest areas growth. • Areas of decrease were consistent with the state. • Overall, Warren County 2000 gender and age distribution rates show that the county is slightly more even between males and females, but the ages are distributed fairly consistent with the entire state. 	

One Race and Ethnicity			2000 County Rate	2000 State Rate
1aa	White	Males	47.50%	41.39%
1bb		Females	48.39%	43.47%
1cc	African-American	Males	1.02%	5.27%
1dd		Females	0.92%	5.98%
1ee	Asian	Males	0.11%	0.53%
1ff		Females	0.13%	0.57%
1gg	American Indian / Alaska Native	Males	0.22%	0.23%
1hh		Females	0.23%	0.22%
1gg	Native Hawaiian / Pacific Islander	Males	0.01%	0.03%
1hh		Females	0.01%	0.03%
1ii	Other	Males	0.25%	0.45%
1jj		Females	0.19%	0.37%
1kk	More than One Race	Males	0.55%	0.73%
1ll		Females	0.47%	0.74%
1mm	Hispanic or Latino Origins	Males	0.75%	1.12%
1nn		Females	0.53%	1.00%

To compare 1990 and 2000 race and ethnicity stats go to mcdc2.Missouri.edu. Under Summary File 3, select counties, or other geographic area, to the right of Missouri Trend Reports. Then select county and view #3.

Reference Notes / Implications of Race and Ethnicity	
	Overall, Warren County's Population has fewer percentage of minorities than the state.
	However, the trend is slowly changing; because comparing 1990 to 2000 ethnicity stats will show a -1.4% decrease in Whites, while the minority population has grown +1.7%.
	The minority group that showed the most growth in Warren County was Hispanic or Latino Origins

Limited English Proficiency (LEP) Students		County Rate	State Rate
1oo	Number	46	11,535
1pp	Percent of Enrolled Students	1.1%	1.66%

LEP- <http://www.oseda.missouri.edu/kidscount/03/index.html>. Select County Pages. Select your county.

Reference Notes / Implications of Limited English Proficiency in Schools	
	The above data was obtained from 2002. This data would indicate that the Warren County rate is lower than the state rate of Limited English Proficiency Students.

Marital Status	Period Covered	County Rate	State Rate
1qq Single	1999	12.9%	16.3%
1rr Married	1999	42.6%	37.6%
1ss Divorced	1999	6.7%	7.1%
1tt Widowed	1999	4.1%	4.7%
1uu Separated	1999	1.1%	1.2%
1vv Other	1999	1.1%	1.6%

Reference Notes / Marital Status	
	Warren County population has a higher percentage of Married people compared to the state percentages.

Geographic Population Distribution	Period Covered	County Rate
1ww Percent Urban	2000	21.4%
1xx Percent Rural	2000	78.6%
1yy Population Center	Warrenton	

Geographic areas-<http://mcdc2.missouri.edu/webrepts/mocntymap.html> Click on county. Select Related Geographic Comparison Reports (Menu). Select Total Population Trends, either as a PDF or CSV (Excel) file for desired geographic area.

Reference Notes / Geographic Population Distribution	
	The geographic distribution did change from 1990 to 2000.
	The Urban area percentage went up +3.1%, just as the Rural area percentage went down -3.1%

Population Density	County Rate	State Rate
1zz 1990	44.6	73.4
1aaa 2000	56.0	80.3

Rates per square mile

Reference Notes / Population Density	
	The Population density increased by 11.4 or 25.6% in the county.
	The Population density increased by 6.9 or 9.4% in the state.
	Therefore, even though the density is greater on the state level, the county showed a greater percent increase in population density for this time frame.

2 EDUCATION			
Highest Education Attained	Period Covered	County Rate	State Rate
2a Percent over 18 with less than H/S Diploma	1999	20.5%	18.7%
2b Percent over 18 with H/S Diploma	1999	40.3%	32.7%
2c Percent over 18 with some College	1999	22.7%	21.9%
2d Percent over 18 with College Degree	1999	13.1%	19.1%
2e Percent with Advanced College Degree	1999	3.5%	7.6%

Reference Notes / Educational Attainment	
	The largest education category for the county was the percent over 18 with H/S diploma at 40.3%.
	The county does seem to be considerably lower in percentage with college and advanced college degrees, compared to the state percentages.

Education Completion	Period Covered	County Rate	State Rate
2f Drop Out Rate	2002 - 2003	2.2%	3.38%
2g Literacy Rate	2002 - 2003	64.3%	67.8%

Selected School Profile Data - By County and District Drop out rate- School District Report Cards Part C.

Literacy Rate- MSIP Reading Scores 3rd and 7th grades.

Reference Notes / Education Completion	
	The above literacy rates were calculated by the total number of 3 rd and 7 th grade students that scored Proficient or above divided by the total number of students taking the test on the MSIP reading scores.
	The county drop out rate was lower than the state, which is good.
	However, the county literacy rate is lower than the state, which is NOT good. A 3.5% difference may not cause alarm, but it should be closely monitored in the future.
	Data was obtained from the DESE Missouri School Improvement Plan (MSIP) report on reading scores in the 3 rd and 7 th grades.

3 SOCIO-ECONOMIC			
Income/Poverty	Period Covered	County Rate	State Rate
3a Average Household Income	1999	41,016	37,934
3b Per Capita Income	2003	25,398	28,512
3c Percent of Population below 100% Poverty	1999	10.6	13.0
3d Participation in Free/Reduced Lunch Program	2003	33.6	39.21
3e Single Parent Households	1999	10.9%	13.7%
3f Transfer Payments	2001	16.6	14.7

Selected School Profile Data - By County and District- School District Report Cards Part O- for Free/Reduced Lunch Data.

<http://www.oseda.missouri.edu/countypage/> for Transfer Payments.

Reference Notes / Income / Poverty	
	Transfer payments for MO – Economic and policy analysis research center.
	In Above table, the average household income is higher than the state average, however, every other category is lower than the state.

3g Reference Notes / Employment / Leading Industry	
	Of County citizens that are considered “Employed Civilian Labor Force”:
	20.2% are in manufacturing, 13.0% are in retail trade, 6.6% are in education, 9.1% are in health care and social assistance, and 51.2% are in other industries.
	Of the above Employed Civilian Labor Force the occupations are:
	23.5% are management or professional, 14.8% are service, 23.2% are sales and office, 0.3% are farming, and 21.3% are production or transportation occupations.

4 ENVIRONMENT		
Housing / Lead	County Data	State Data
4a Age of Housing (average)	26.9 years	36.8 years
4b Percent Single Family Units	93.8%	79.7%
4c Lead Abatement Projects	8.3%	16.2%

Houses built before 1950 - <http://mcdc2.missouri.edu/webrepts/mocntymap.html>. Click on county. Select SF3 Based Related Trend Report 1990-2000, #27.

Reference Notes / Housing / Lead	
	The county average housing age is considerably lower than the state.
	The county lead abatement rates are also considerably lower than the state.

4d Reference Notes / Water Supply Quality / Fluoridation	
http://www.epa.gov/safewater/dwinfo/mo.htm#offices	
In 2003 there were two violations with our local water departments: Number of samples positive for Coliform, and the monitoring routine for Nitrate+Nitrite.	

Hazardous Materials		Period Covered	County Events
4e	# of Hazardous Sites	2004	1
4f	# of Hazardous Substance Events	2003	2

Reference Notes / Hazardous Materials	
Information obtained from the Emergency Management Director of Warren County.	

5 PUBLIC SAFETY				
Crime Rates		Period Covered	County Rate	State Rate
5a	Overall Crime Rate	2004	2665.5	4378.7
5b	Violent Crime Rate	2004	346.2	488.7
5c	Assault Injury Rate (Inpatient)	1996-2002	*	30.0
5d	Assault Injury Rate (Outpatient)	1996-2002	326.3	419.5
5e	Homicide Rate	1992-2002	3.9*	8.6
5f	Juvenile Death Crime Rate			

*** indicates <20 events and therefore rate is unstable. All rates per 100,000.

Reference Notes / Crime Rates	
<u>Department of Public Safety - Uniform Crime Reporting</u>	
All of the above listed public safety rates are lower than the state average.	

Auto Safety	Period Covered	County Rate	State Rate
5g Seat Belt/Child Safety Seat Use	2001	87.3%	90.6%
5h DWI Arrests	2004	4.1	4.9

<http://www.dhss.mo.gov/MotorVehicleCrashMICA/>

http://www.msph.state.mo.us/ibi_html/cj55/html/msph_frameset.htm. Driving Under the Influence and Operating a Vessel Under the Influence.

Reference Notes / Auto Safety	
5g	Percentages represent the number of individuals who used restraint devices in 2001 motor vehicle crashes.
5h	Rates are from the Missouri uniform crime reporting program
	Rate of vehicle restraint usage is lower in the county than the state.

Substance Abuse	Period Covered	County Rate	State Rate
5i Illegal Drug Use	2004	5.5	5.6
5j Other = Clandestine Drug Labs	2003	13.1	5.0

http://www.msph.state.mo.us/ibi_html/cj55/html/msph_frameset.htm. Arrests for sale and possession of drugs.

Reference Notes / Substance Abuse	
5i	Missouri uniform crime reporting program =The county rate is consistent with the state rate.
	Drugs are the leading cause of arrest in Warren County.
	Drug lab rates are considerably higher than the state rates.

6 FAMILY/DOMESTIC VIOLENCE			
Family/Domestic Violence	Period Covered	County Rate	State Rate
6a Child abuse or neglect	2002	36.8	44.3
6b Child out-of-home placement	2004	17.31	13.04
6c Domestic partner violence	2004	21.9	6.8
6d Elder abuse and neglect	2003	1.9	2.1
6e Self inflicted injury (Inpatient)	1992-2002	52.0	54.3
6f Self inflicted injury (Outpatient)	1992-2002	55.5	56.2

*** indicates <20 events and therefore rate is unstable. All rates per 100,000.

Department of Public Safety - Uniform Crime Reporting for Domestic Partner Abuse.

<http://www.oseda.missouri.edu/kidscount/03/index.html> Select County Pages and your county.

Reference Notes / Family/Domestic Violence	
	There were 2 categories where the county was higher than the state rates.
	Child out-of-home placement was slightly higher (at 17.31 it was 4.27 higher than the state)
	Domestic violence was incredibly high compared to the state:
	The county DOMESTIC VIOLENCE rate was 21.9 versus the state rate of 6.8. That is 15.1 higher.

7 UNINTENDED INJURIES				
Unintended Injury -	Period Covered	County Rate	Significantly Different	State Rate
7a All Unintended Injury Rate-Inpatient	1996 - 2002	588.1	46.3 higher	541.8
7b All Unintended Injury Rate-Outpatient	1996 - 2002	10391.5	823.5 higher	9568.0
7c Injuries at Work – Mortality	1992 - 2002	2.5*	N/S	2.4
7d Falls Injury Rate - Inpatient	1996 - 2002	249.0	31.4 lower	280.4
7e Falls Injury Rate - Outpatient	1996 - 2002	2477.0	9.3 lower	2486.3
Motor Vehicle Accident Injury Rate				
7f Traffic Related-Inpatient	1996 - 2002	141.6	29.8 higher	111.8
7g Traffic Related-Outpatient	1996 - 2002	1165.4	23.6 lower	1189.0
7h Non-Traffic Related-Inpatient	1996 - 2002	36.1	15.5 higher	20.6
7i Non-Traffic Related-Outpatient	1996 - 2002	332.9	50.4 higher	282.5
7j Firearm Injury Rate (Multiple Years)				
7k Firearm Injury Rate -Inpatient	1996 - 2002	*	*	3.2
7l Firearm Injury Rate -Outpatient	1996 - 2002	*	*	7.6

Table Notes:

Source of data: Center for Health Information Management and Evaluation, MDHSS
 The symbol ‘*’ indicates <20 events and therefore rate is unstable
 All rates are per year per 100,000.

Reference Notes / Unintended Injury	
	The data in the above table shows that Warren County has higher rates of unintended injury than the state.
	The unintended outpatient rates are considerably higher for the county, compared to the state.

8 MATERNAL & CHILD HEALTH				
Maternal and Child Health Indicators	Period Covered	County Rate	Significantly Different	State Rate
8a Prenatal care began in first trimester	2002	82.1	L	87.8
8b Inadequate prenatal care	2002	10.2	N/S	10.8
8c Mother smoked during pregnancy	2002	22.8	H	18.1
8d Pregnant women - weight gain <15 pounds	1998-2002	8.2	N/S	8.1
8e Births to teens age 15-17	2002	4.2	N/S	4.1
8f Birth spacing less than 18 months	2002	6.1	N/S	6.1
8g Births to women with <12 years of education	2002	20.9	N/S	19.2
8h Low birth weight	1998-2002	5.8	L	7.8
8i Babies born with neural tube defects	1996-2002	0*	-	6.4
8j Infant mortality	1993-2002	5.4*	N/S	7.7
8k Medicaid enrollees <1 receiving initial EPSDT	2002	35.8	L	45.6
8l Children 1-6 years having been tested for lead	1999	2.4	L	10.6
8m Children age 2 that completed immunizations	2000 Births	65.9	H	55.9
8n Unintentional injury deaths birth to age 14	1990-2002	*	*	7.2
8o Motor vehicle deaths birth to age 14	1990-2002	*	*	5.7
8p Suicide ages 15-24	1990-2002	22.2	H	13.7
8q Breast Feeding Rates	2002	42.7	L	48.2
8r Potential Eligible being served by WIC	2002	6.6	N/S	7.2
8s Iron Deficiency Anemia among WIC population	2002	16.4	L	20.0
8t Obesity among children enrolled in WIC	2002	4.9	N/S	5.1

Table Notes:

Source of data: Center for Health Information Management and Evaluation, MDHSS
The symbol ‘*’ indicates <20 events and therefore rate is unstable
All rates are per year per 100,000.

<http://dss.missouri.gov/re/cfrar03/index.htm> Section One-Appendix 4 for Child Fatalities

Lead- <http://www.dhss.mo.gov/GLRequest/CountyProfile.html>. Select Child Health and your county

Other MCH indicators are available at www.dhss.mo.gov. Click on Data. Go to Community Data Profiles and MICA

Reference Notes / Maternal and Child Health	
	Above data was obtained from the DHSS MICA system.
	Categories that county data is more favorable than the state: Low Birth Weight, Medicaid Enrollees, Children needing lead testing, Children that completed immunizations, and Iron Deficiency.
	Categories that county data is less favorable than the state: Prenatal care in first trimester, Pregnant Mother Smoking, Suicide 15-24, and Breast Feeding.
	All other categories were about the same rates.

9 INFECTIOUS DISEASE				
Diseases - USE MOHSIS AS SOURCE	Period Covered	County Rate	Significantly Different	State Rate
9a HIV/AIDS	2003	18.6*	(H)N/S*	8.2
9b Sexually transmitted disease	2003	148.7	L	488.8
9c Communicable disease (MOHSIS)	2004	395.5	L	883.1
9d Enteric disease (MOHSIS)	2004	56.0*	(H)N/S*	47.6
9e Tuberculosis	2004	0.0*	N/S*	1.75
9f Vaccine-preventable diseases	2004	3.7	N/S	3.2
9g Pneumonia and Influenza	2004	18.7	L	84.1
9h Hepatitis A and B	2004	63.4	L	73.6

The symbol “*” indicates <20 events and therefore rate is unstable
All rates are per year per 100,000.

Reference Notes / Infectious Diseases	
	The county rates for Enteric and HIV/AIDS Diseases are higher than the state rate. However, these rates are unstable because there are less than 20 occurrences.
	The rest of the categories are either lower than the state or have no significant difference.

10 CHRONIC DISEASE RISK FACTORS			
Risk Factor	Period Covered	County Rate	State Rate
10a Obesity (BMI>+30) among adults (18 or older)	2003	14.2	23.4
10b Overweight (BMI (25-29.9) adults (18 or older)	2003	40.5	35.3
10c Adequate daily consumption of fruit and vegetables among adults	No Data	No Data	No Data
10d Adult tobacco use	2003	24.8	26.5
10e Physical inactivity	2003	16.4	23.0
10f Percent of adults with high blood pressure	2003	26.9	28.5
10g Percent of adults with high cholesterol	2003	35.6	37.3
10h Prevalence of diabetes among adults	2003	8.5	7.2
10i Prevalence of asthma	2003	8.8	10.7
10j Women 50-64 with no mammogram or clinical breast exam in last year	2003	32.6	35.9
10k Women 30-69 with no pap test in last 3 years	2003	3.5	13.8
10l Men and women >50 years never had a blood stool test	2003	63.3	57.0
10m Men and women >50 years never had a sigmoidoscopy or colonoscopy	2003	57.2	49.2
10n Youth behavioral risks for chronic disease (tobacco use, exposure to second hand smoke, obesity, fruit and vegetable consumption) *Use any available local data.	No Data	No Data	No Data

<p>Reference Notes / Chronic Disease Risk Factors http://www.dhss.mo.gov/GLRequest/CountyProfile.html Select 2003 Health and Preventive Practices Status Report From Missouri County-Level Study (Update 7/30/04) and your county.</p>	
	<p>Categories where county data is more favorable than the state data: Adult Obesity, Adult tobacco use, Physical Inactivity, Adult High Blood Pressure, Adult High Cholesterol, Prevalence of Asthma, Women with no Mammograms, and Women with no Pap Test.</p>
	<p>Categories where county data is less favorable than the state data: Overweight Adults, Adult Diabetes, Under 50 blood stool test, and Under 50 with sigmoidoscopy or colonoscopy tests.</p>

11 MORTALITY RATE INDICATORS				
Causes of Death	Period Covered	County Rate	Significantly Different	State Rate
11a All Cancers	1992 - 2002	222.4	N/S	211.5
11b Cerebrovascular Disease (Stroke)	1992 - 2002	52.9	L	65.1
11c Chronic Lower Respiratory Disease	1992 - 2002	35.6	L	45.3
11d Diabetes	1992 - 2002	25	N/S	23.4
11e Heart Disease	1992 - 2002	289	N/S	303.6
11f Lung Cancer	1992 - 2002	59.5	N/S	64.7
11g Pneumonia and Influenza	1992 - 2002	25	L	33.3
11h Motor Vehicle Related Deaths	1992 - 2002	19.2	N/S	20.1
11i Smoking Attributable Disease Deaths	1992 - 2002	153.6	L	173
11j Suicide	1992 - 2002	17.8	N/S	12.9
11k Unintentional Injury Deaths	1992 - 2002	37.4	N/S	40.2
11l HIV/AIDS Deaths	1992 - 2002	4.0*	N/S	5.3

Reference Notes / Mortality Rates	
	The county has no significant causes of death over the state.
	However, the county data that is slightly higher than the state is cancer, diabetes, and suicide.

Table Notes:

Source of data: Center for Health Information Management and Evaluation, MDHSS
 The symbol ‘*’ indicates <20 events and therefore rate is unstable
 All rates are per year per 100,000 population and are adjusted for age using the US 2000 population as the standard.

12 HEALTH CARE SYSTEM			
	Period Covered	County Rate	State Rate
Health Care Professionals			
12a Physician to Population Ratio	2002	1: 3,066	1:407
12b Primary Care Physician to Population Ratio	2002	1: 3,066	1: 1,069
12c Registered Nurse to Population Ratio	2002	1: 361	1: 90
12d Dentist to Population Ratio	2003	1: 4,905	1:2,012

Reference Notes / Health Care Professionals	
	The county rates above are grossly less favorable in every category of health care than the state rates.

Health Care Facilities / Services	Period Covered	(If applicable)		
		Yes	Number	No
12e 911 service	2004	yes	1	
12f Hospitals in the county	2003		0	
12g Nursing Facilities – Skilled Care	2003	yes	1	
12h Nursing Facilities - Residential Care	2003	yes	2	
12i Home health care	2004		5	Not in county
12j Reproductive health services	2004	Yes	1	

Reference Notes / Health Care Facilities / Services	
12i	5 that provide services in our county: NECAC, Div. Senior Services, Personal Touch Home Care, Comfort Keepers, and Angels on Duty.
12j	NECAC area health services provides well woman checkups, family planning, & WIC.
	There is only 1 OBGYN in the county.

Access to Health Care	Period Covered	(If applicable)	
		Yes	No
12k Access to Medicaid providers	2004	X	
12l Access to dental services	2004	X	
12m Emergency medical services	2004	X	
12n Access to mental health services	2004	X	
12o Access to tertiary care	2004		X
12p Public transportation	2004	X	
12q Other	N/A		

Community Health Data Profile - INVENTORY

Warren County Data

Reference Notes / Access to Health Care - HRSA information & community resource directory	
12k	1 pediatric Medicaid provider – no other providers are accepting new Medicaid patients.
12l	Out of 6 dentists only 1 accepts Medicaid, and 1 that is only open 1 day per week.
12m	Urgent Care Facility – only open Monday through Friday, 9:30 am to 7:30 pm.
12n	Out of 3 mental health facilities, 2 take Medicaid, and 1 is for men only
12p	OATS is the only public transportation in the county.

Insurance / Coverage	Period Covered	County Rate	State Rate
12r Percent of Population on Medicaid	2004	14.5%	17.3%
12s Percent of Population on Medicare	2002	16.0%	16.4%
12t Percent of Population Without Health Insurance	2003	5.35%	12.31%

Reference Notes / Insurance Coverage	
	The county percentages are shown to be lower than the state in the above table.
	However, comparing the rates of previous years, the county rates are growing faster than the growth of the state rates.
	Warren County has a large population of working poor. These are people that make above Medicaid qualifications, and may have partial health insurance, but the coverage is inadequate.

Local Enforcement of Public Health Laws	Period Covered	Yes	No
12u Tobacco sales to minors	2004	X	
12v Alcohol Sales to Minors	2004	X	
12w Seat Belt / Child Safety Seat Use	2004	X	
12x Motorcycle Helmet Use	2004	X	
12y Other			

Reference Notes / Enforcement of Public Health Laws	
	The local Police Department has made arrests and written tickets for the above laws.
	Local law enforcement will also work with the state division of alcohol and tobacco control.

13 COMMUNITY HEALTH RESOURCES				
Health Resources Available?		Period Covered	Yes	No
13a	Recreational/exercise facilities/opportunities	2004	X	
13b	Drug and alcohol treatment	2004	X	
13c	Smoking cessation	2004	X	
13d	Health education opportunities	2004	X	
13e	Wellness/prevention programs	2004	X	
13f	Summer feeding sites	2004		X
13g	Senior nutrition sites	2004	X	
13h	Participation in food assistance programs	2004	X	
13i	Services for those with physical disability	2004	X	
13j	Food pantry resources	2004	X	
13k	Crisis centers	2004	X	
13l	Community coalitions/partnership	2004	X	
13m	School nurse/student ratio	2004	X	
13n	Other			

Reference Notes / Community Health Resources = local info & resource directory	
13a	Includes: public swimming pool, youth programs (Baseball, Softball, Football, & Soccer), 1 exercise club for women, 1 workout gym for men & women, 1 walking trail at city park, & Katy trail for biking & walking.
13b	Only outpatient services in county; provided by Bridgeway Counseling.
13c	Resource materials provided by local American Cancer Society.
13d	Health fair, and organized presentations
13e	NECAC Health services along with Parents as Teachers programs
13f	There are no summer feeding programs in the county
13g	The Senior Center and Meals on Wheels
13h	There are about 280 families receiving food assistance per month: Agape serves 174 families per month, Union United Methodist (WC) serves 100 families per month, St. Pauls serves 5 families per month.
13i	2 within the county: Hannibal Regional, and Warren County Handicapped Services. 1 from St. Charles that provides services in Warren County = Delta Center
13j	4 within the county: Agape Ministries, Union United Methodist Church, St. Pauls United Church of Christ, and St. Vincent DePaul Society (once yearly).
13k	TURNING POINT – women/children shelter, HOPE HOUSE – homeless a place to stay, meals, laundry, etc.
13l	Public Health Advisory Committee
13m	There are 8 school nurses/aids providing services for 4716 students within the county. Therefore, the school nurse to student ratio = 1:590

Community Health Assessment	
Summary of Findings	
For Warren County	
A)	<p>Review of community health status indicators, including primary and secondary data reveals the following problems:</p> <ul style="list-style-type: none"> ▪ Warren County’s problems have been prioritized as follows: <ol style="list-style-type: none"> 1. Unintended injury 2. Suicide 3. HIV/AIDS 4. Enteric Diseases 5. Prenatal Care in first trimester 6. Mothers smoking during pregnancy 7. Access to healthcare 8. Overweight Adults 9. Adult Diabetes 10. Under 50 Health tests 11. Cancer 12. Summer Feeding Locations/ Sites 13. Literacy
B)	<p>Review of Behavioral Risk Factor Surveillance System or other locally conducted Community Survey reveals the following problems:</p> <ul style="list-style-type: none"> ▪ Warren County’s behavioral problems have been prioritized as follows: <ol style="list-style-type: none"> 1. Domestic Violence 2. Clandestine Drug Labs – Methamphetamine 3. Child Out of Home Placement 4. Seat Belts

All other categories in this report show data that is either more favorable than the state, or close to the same as the state.

- The top 4 data indicated problems for Warren County are: Domestic Violence, Unintended Injury, Meth Labs, & Suicide.
- The Public Health Priorities to help address the county’s problems should be:
 - 1. Increased Health & Safety Education**
 - 2. Increased Healthy Behaviors**
 - 3. Improved Public & Family Safety**



Data Glossary

1. Demographics:

- Population percentages for 1990 and 2000 from the U.S. Census of the Population, U.S. Bureau of the Census.
- Race and ethnicity reported for individuals indicating one race and those indicating more than one race. Hispanic and Latino Origins is an ethnicity category and may contain individuals of single or multiple races.
- Limited English Proficiency (LEP) reflects the number and percent of students without adequate English language skills, and is reported by the Department of Elementary and Secondary Education, by school district.
- Marital Status is the information reported from the 1999 Census of the Populations, U.S. Census Bureau, U.S. Department of Commerce. Percentages refer to percent of individuals.
- Geographic Population Distribution is partially complete. Only Population Center, or town/city of highest population in county, is completed. Data is from the 1999 Census of the Population.
- Population Density is calculated by dividing the total population from the respective census by the area in the county (square miles).

2. Education:

- Highest Education Attained percentages from the 1999 U.S. Census of the Population, U.S. Census Bureau.
- Education Completion data completed for Drop Out Rate for the state only. Drop Out Rates for individual counties can be obtained through the Internet link in the Reference Notes section.

3. Socio-Economic:

- Average Household Income from the 1999 U.S. Census of the Population, U.S. Census Bureau.
- Per Capita Income provided by the Center for Local Public Health Services, MDHSS.
- Percent of Population below 100% of Poverty from the 1999 U.S. Census of the Population, U.S. Census Bureau.
- Participation in Free/Reduced Lunch Program data is completed for the state only. Rates for individual counties can be obtained through the Internet link in the Reference Notes section
- Single Parent Households is the percentage of total households with either a male or female head of household, without a spouse, and with children under the age of 18 present, derived from the 1999 Census of the Population.
Population Density is calculated by dividing the total population from the respective census by the area in the county (square miles).

3. Socio-Economic:

- Housing / Lead information from the 1999 U.S. Census of the Population, U.S. Census Bureau.

Warren County Data

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- Water Supply Quality / Fluoridation information from the Environmental Protection Agency reports and local data.
- Hazardous Materials. The number of hazardous events provided by DHSS, Center for Health Information and Evaluation. The number of hazardous sites to be determined with local data.

5. Public Safety:

- Crime data available in part from the Missouri Department of Public Safety Universal Crime Reporting System (Internet Link).
- Assault Injury Rate for inpatient and outpatient services provided by the Hospitalization MICA, MDHSS.
- Homicide rate Center for Health Information Management and Evaluation, MDHSS. The symbol ‘*’ indicates <20 events and therefore rate is unstable. Rates are per year per 100,000.
- Auto Safety data sources provided through Internet links.
- Substance Abuse data not available on the state level.

6. Family / Domestic Violence:

- Crime data available in part from the Missouri Department of Public Safety Universal Crime Reporting System (Internet Link) and the Office of Social and Economic Data Analysis, University of Missouri.
- Self-inflicted Injury Rate for inpatient and outpatient services provided by the Hospitalization MICA, MDHSS. . The symbol ‘*’ indicates <20 events and therefore rate is unstable. Rates are per year per 100,000.

7. Unintended Injuries:

- Unintended Injury Rates for inpatient and outpatient services provided by the Hospitalization MICA, MDHSS.
- The symbol ‘*’ indicates <20 events and therefore rate is unstable. Rates are per year per 100,000.

8. Maternal & Child Health:

- MCH indicator data available from the MICA, Center for Health Information Management and Evaluation, MDHSS.
- The symbol ‘*’ indicates <20 events and therefore rate is unstable. Rates are per year per 100,000.
- Data on Breast Feeding and WIC populations available at local level.

9. Infectious Disease:

Infectious disease data not available on the state level. Local data sources (**MOHSIS**) should be utilized.

10. Chronic Disease Risk Factors:

Chronic Disease Risk Factors and rates provided by the profiles (Internet Link) from the Center for Health Information Management and Evaluation, MDHSS.

11. Mortality Rate Indicators:

- Causes of death provided by MICA system on MDHSS website. All rates are per 100,000 population, and age-adjusted. The symbol ‘*’ indicates fewer than 20 events, so numbers are not shown and rates are unstable.

12. Health Care System:

- Health care professional data provided by the Center for Health Information Management and Evaluation (CHIME), professional license files. Data are for most recent license year.
- Health care facilities / Services data provided by the Center for Health Information Management and Evaluation (CHIME), license files. Data, where available are for most recent license year. 911 service, Home health care and Reproductive health services must be determined from local data sources.
- Access to Health Care must be determined/evaluated from local data sources.
- Insurance / Coverage data on Medicaid population provided by the Department of Social Services, Division of Medical Services.
- Insurance / Coverage data on Medicare population provided by the Missouri Peer Review Organization, MoPRO.
- Percent of Population without Health Insurance provided by the Behavioral Risk Factor Surveillance System (BRFSS) data. Analysis provided by the Office of Surveillance and Evaluation, Division of Community Health.
- Local Enforcement of Public Health Laws data to be determined/evaluated utilizing local data sources.

13. Community Health Resources

- Health Resources Available data items to be determined/evaluated utilizing local data sources.