

COMMUNITY HEALTH ASSESSMENT

MCCONE COUNTY PUBLIC HEALTH DEPT



May 2017

Partners in the Process

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McCone County (PH, GIS, DES, Board of Health)
Town of Circle

3. Funding Sources

Montana Healthcare Foundation
McCone County Public Health Department

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Executive Summary

A Community Health Assessment (CHA) was far from our radar when the McCone County Public Health Department received notice of the grant process to start on the path to accreditation. The beginning step was to complete a CHA in the first year, moving through four more steps to become a fully accredited Public Health Department. Being an office of one PH Nurse, a very part time assistant and a part time Certified Nurse Aide makes some of these processes seem impossible. We am still uncertain as to whether we will seek accreditation in the future but the CHA we completed has been an eye-opening experience in more ways than one!

The PH vision for our community has always been to be better prepared on a personal level; to be as self-sufficient as possible and if that isn't possible, then to develop relationships within the community to assist those persons in the event of a disaster.

Upon exploration of the survey process, we realized that we could personalize the survey to gather information on the personal emergency preparedness of our jurisdiction along with basic demographic information and health status. We asked each stakeholder to add questions directly relating to their own agency or department as well.

When reflecting on the results of our survey, our fears were confirmed. Our community and county are NOT prepared to ride out even a 3 day disaster! From no landline phones to no stored water to houses with no identifiable numbers, we found huge gaps in our personal preparedness. We also found some health issues regarding hearing loss and chronic disease as well. The findings will be summarized later in the Data Summary portion.

Timeline

- May 2016 Grant issued
- May 2016 to January 2017 Research on CHA, method, surveys conducted. Two conference calls attended. Stakeholder group members determined.
- January 4 2017 Stakeholder Group meeting #1
- January 4-19, 2017 Survey development and redrafting with stakeholders and grant coordinators via email
- January 20 2017 Survey live on Facebook PH Page and copies released to CNA for review with elderly clients. Multiple shares of the survey on social media. CNA gathered more than 50 responses from the PH clients seen in the home for health checks. PH Nurse/Director entered those into Formstack.
- February 20 2017 Survey closed, gift card winner drawn from “Thank You” survey data list run through Random Name picker tool on the web
- March 1 2017 Gift card presented, photos and info for media gathered and sent to newspaper and Facebook
- March 8 2017 Data collection results obtained from grant coordinators
- March 8 2017-April 25 2017 Results reviewed by stakeholders and initial intake of concerns generated by survey from stakeholders collected
- April 26 2017 Stakeholder meeting #2, List of top 3 concerns compiled for improvement plan
- April 27 2017 CHA Report completed, distributed to stakeholders for review and correction
- May 1 2017 CHA Final Report distributed to stakeholders, community partners and available upon request for the public to view

Methodology

The McCone County Public Health Dept has never conducted a survey of any size, certainly not one as large as a CHA. The first step was to determine what survey method would work best for our population, staff size, funding, weather issues (winter) and forms of media available. We made the decision to do an online survey using Formstack with the PH CNA and administrative assistant providing help to community members unable to use the computer/Internet. The survey was rewritten and edited several times to keep it under 50 questions and to really solicit the information we were looking for. The survey was distributed using Facebook as the primary method with advertising in the local newspaper, posters around town and flyers at the local stores. The survey was able to be taken directly from a link on the PH Facebook page and results were submitted to Formstack. After that submission, a second survey popped up with name and phone number to be entered into a drawing for a \$500 VISA gift card given to one participant drawn at random from the survey entries. The drawing for the winner was conducted by using a random name generator run on the exported names and phone numbers. Stakeholders shared the survey post on Facebook every few days on both their personal timelines and on community groups and pages. The response was excellent. We ended up printing copies of the survey for the CNA to read to the elderly residents, marking their answers for entry into Formstack by the PH Nurse. We collected much more data from the older population using this method and it was very successful.

Background

McCone County is a frontier sized jurisdiction centrally located in Eastern Montana, between 50-90 miles from Glendive, Wolf Point and Miles City. The county population is approximately 1700 with 600 residing the county seat of Circle. The primary income sources are or relate to agriculture with three cooperative headquarters in Circle; Mid-Rivers Communications, McCone Electric Cooperative and Cenex Harvest States. It is a predominately Caucasian and non-Hispanic area with English spoken as the primary language. One Hutterite Colony is located in northern McCone County, just south of the Missouri River and members access most services in Wolf Point, which is much closer to the Colony location. Ironically, although the Colony has internet and does participate in social media i.e. Facebook, none of the survey responses came from the Prairie Elk Colony. The median age is 49 years with 337 children (17 years and younger). The population has decreased anywhere from 2.3% to 14% from 2010 to 2014 according to the Montana Kids Count data or the Community Health Profile data. A broad range indicated from two sources, so data must be carefully considered when using to validate population characteristics.

When I think of McCone County, and indeed, most of Eastern Montana, the prairie and fields are what come to mind. Wheat and barley, pulse crops and cattle provide a living for many residents. The cooperative businesses in the town exist due to agriculture as do the other local businesses and schools. A small town is dependent on its neighbors for help and assistance. Rural residents have long depended on neighbors for assistance in events like branding, docking lambs or shipping calves. By increasing the knowledge of personal responsibility for your own emergency preparedness, the jurisdiction will be better able to cope in a disaster situation. By increasing the knowledge of better health and lifestyles, the entire population gains through increased longevity and decreased disease and accidents. Hopefully, the complete Community Health Assessment will lead us all forward in the process to provide better health and living to all the citizens.

Data Summary

Secondary Data

Demographic Characteristicsⁱ

County Demographic Information			
2010 Population	Population Estimates, July 1, 2015	Population, percent change April 1, 2010 (estimates base) to July 1, 2015	Population per square mile, 2010
1,734	1,683	-2.9%	0.7

Demographic Profile: Age and Sex Estimates, July 1, 2015 (V2015)		
	<u>McCone County</u>	<u>Montana</u>
Persons Under 5 years, percent	4.3%	6.0%
Persons Under 18 years, percent	19.6%	21.9%
Persons 65 years and older, percent	22.7%	17.2%
Female Persons, percent	48.8%	49.7%

Demographic Profile: Race/Ethnic Distribution Estimates, July 1, 2015 (V2015)		
<u>Population Subgroup</u>	<u>McCone County</u>	<u>Montana</u>
White alone, percent	96.9%	89.2%
Black or African American alone, percent	0.4%	0.6%
American Indian and Alaska Native alone, percent	1.1%	6.6%
Asian alone, percent	0.2%	0.8%
Native Hawaiian and other Pacific Islander alone, percent	0.1%	0.1%
Two or more races, percent	1.4%	2.7%
Hispanic or Latino, percent	1.5%	3.6%
White alone, not Hispanic or Latino, percent	95.4%	86.5%

Population Characteristics		
<u>Characteristic</u>	<u>McCone County</u>	<u>Montana</u>
High school graduate or higher, percent of persons age 25 years+, 2011-2015	93.3%	92.8%
Bachelor's degree or higher, percent of persons age 25 years+, 2011-2015	17.5%	29.5%
Language other than English spoken at home, percent of persons age 5 years+, 2011-2015	1.0%	4.1%
Veterans, 2011-2015	174	90,000

With a disability, under age of 65 years, 2011-2015	5.6%	9.1%
Persons without health insurance, under 65 years, percent	23.7%*	14.0%*
Median household income (in 2015 dollars), 2011-2015	\$40,750	\$47,169
Persons in poverty, percent	13.9%*	14.6%*
Households, 2011-2015	737	409,394
Persons per household, 2011-2015	2.31	2.41

*This geographic level of poverty and health estimates are not comparable to other geographic levels of these estimates. Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable.

Montana Behavioral Risk Factor Surveillance System (BRFSS)ⁱⁱ

The following table includes an overview of selected findings from the 2014 Montana BRFSS survey. The survey is conducted through a collaborative effort with the Division of Behavioral Surveillance of the Centers for Disease Control and Prevention (CDC) and the Montana Department of Public Health and Human Services (DPHHS). This survey provides valuable information on health trends, chronic disease risks, and data for monitoring the effectiveness of policies, programs, and interventions. Dues to the small numbers in Montana, these indicators are reported by Health Planning Regions.

Health Indicator	Eastern Montana Region	Montana
Health Status Indicators	Wt^o% (95% CI)	Wt^o% (95% CI)
Self-Reported Fair or Poor Health	15.7% (13.0%-18.9%)	15.4% (14.3%-16.7%)
Frequent Poor Physical Health	9.4% (7.4%-11.7%)	12.5% (11.5%-13.6%)
Frequent Poor Mental Health	10.2% (7.5%-13.8%)	9.9% (8.9%-11.0%)
Frequent Activity Limitation	11.3% (8.3%-15.2%)	16.0% (14.4%-17.8%)
Activity Limited Due to Health Problems	19.3% (16.5%-22.5%)	23.1% (21.8%-24.5%)
Self-Reported Disability	20.8% (17.8%-24.0%)	24.8% (23.4%-26.2%)
Health Care Indicators	Wt^o% (95% CI)	Wt^o% (95% CI)
No Health Care Coverage (ages 18-64)	12.1% (8.8%-16.3%)	16.1% (14.6%-17.8%)
Couldn't Afford to See Doctor (past 12 months)	8.6% (6.4%-11.5%)	11.9% (10.8%-13.2%)
No Personal Health Care Provider	33.2% (29.1%-37.6%)	29.1% (27.6%-30.8%)
No Routine Checkup in the Past Year	37.9% (33.7%-42.3%)	36.4% (34.7%-38.0%)

No Dental Visit in the Past Year	42.6% (38.4%-46.9%)	37.4% (35.8%-39.1%)
Clinical Preventive Practices	Wt% (95% CI)	Wt% (95% CI)
No Mammogram in Past 2 years (women ages 50+)	30.2% (24.5%-36.5%)	28.0% (25.7%-30.5%)
No Mammogram Ever (women ages 50+)	7.6% (4.7%-12.1%)	4.8% (3.8%-6.0%)
No Pap Test in Past 3 years (women ages 18+)	29.1% (22.1%-37.3%)	25.4% (23.0%-28.0%)
No Colonoscopy in Past 10 years (ages 50-75)	52.3% (47.0%-57.6%)	41.2% (39.0-43.4%)
No Up-To-Date Colorectal Cancer Screening (ages 50-75)	46.9% (41.6%-52.3%)	37.6% (35.5%-39.8%)
Received Influenza Vaccine in Past Year (ages 18-64)	32.8% (28.4%-37.5%)	32.4% (30.6%-34.3%)
Received Influenza Vaccine in Past Year (ages 65+)	61.0% (54.3%-67.3%)	60.7% (58.1%-63.3%)
Received Pneumococcal Vaccine (ages 65+)	68.9% (62.1%-75.0%)	70.3% (67.7%-72.7%)
Health Related Risk Behaviors	Wt% (95% CI)	Wt% (95% CI)
No Leisure-Time Physical Activity in Past 30 Days	24.8% (21.3%-28.6%)	19.6% (18.3%-20.9%)
Overweight (25.0 ≤ BMI < 30.0)	41.6% (37.4%-45.9%)	36.6% (35.0-38.3%)
Obese (BMI ≥ 30.0)	33.6% (29.8%-37.8%)	26.4% (24.9%-27.9%)
Current Smokers	22.0% (18.5%-25.9%)	19.9% (18.5%-21.4%)
Current Smokeless Tobacco Users	12.0% (9.2%-15.4%)	7.6% (6.7%-8.7%)
Heavy Drinking in Past 30 Days	7.0% (5.1%-9.4%)	7.4% (6.6%-8.4%)
Binge Drinking in Past 30 Days	16.4% (13.5%-19.9%)	18.9% (17.5%-20.4%)
Fallen in Past 12 Months (ages 45+)	31.1% (27.1%-35.6%)	32.4% (30.7%-34.2%)
Injured from Fall in Past 12 Months (ages 45+)	36.8% (29.1%-45.3%)	39.6% (36.3%-43.0%)
Does Not Always Wear Seat Belt	45.6% (41.3%-49.9%)	27.9% (26.4%-29.5%)
Ever Experienced Sexual Assault	7.0% (5.3%-9.31%)	8.4% (7.4%-9.4%)
Ever Experienced Sexual Attempted Sexual Assault	6.4% (4.7%-8.5%)	9.4% (8.3%-10.6%)
Chronic Health Conditions	Wt% (95% CI)	Wt% (95% CI)
Ever Diagnosed with Asthma	15.6% (12.6%-19.0%)	13.4% (12.3%-14.6%)

Currently has Asthma	9.7% (7.4%-12.6%)	9.6% (8.6%-10.6%)
Doctor Diagnosed Arthritis	27.5% (24.2%-31.0%)	26.0% (24.7%-27.4%)
Ever Diagnosed with a Heart Attack	5.3% (3.9%-7.1%)	4.2% (3.7%-4.7%)
Ever Diagnosed with Angina or CHD	5.1% (3.8%-6.9%)	3.6% (3.1%-4.1%)
Ever Diagnosed with a Stroke	2.7% (1.8%-4.1%)	2.7% (2.3%-3.2%)
Ever Diagnosed with Diabetes	9.5% (7.6%-11.9%)	8.8% (8.0%-9.6%)
Ever Diagnosed with a Depressive Disorder	18.4% (15.4%-21.9%)	20.4% (19.1%-21.8%)
Ever Diagnosed with Kidney Disease	3.0% (2.0%-4.5%)	2.6% (2.1%-3.1%)

County Health Rankings and Roadmapsⁱⁱⁱ

The *County Health Rankings & Roadmaps* program is a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. The *County Health Rankings* measure the health of nearly all counties in the nation and rank them within states. The *Rankings* are compiled using county-level measures from a variety of national and state data sources. These measures are standardized and combined using scientifically-informed weights. The annual *Rankings* provide a revealing snapshot of how health is influenced by where we live, learn, work and play.

Health Indicator	McCone County	Montana
Quality of Life	McCone County (Error Margin)	Montana
Poor or fair health	11% (11%-12%)	14%
Poor physical health days	3.3 (3.2-3.5)	3.9
Poor mental health days	3.1 (3.0-3.3)	3.4
Frequent physical distress (not included in overall ranking)	10% (9%-10%)	12%
Frequent mental distress (not included in overall ranking)	9% (9%-10%)	10%
Health Behaviors		
Adult Smoking	16% (15%-16%)	20%
Adult Obesity	24% (19%-29%)	25%
Physical Inactivity	32% (26%-39%)	22%
Excessive drinking	19% (18%-20%)	21%
Clinical Care		
Uninsured	31% (28%-35%)	20%
Preventable Hospital Stays	32 (15-49)	44
Primary Care Physicians	1,710:0	1,310:1
Dentists	1,690:0	1,480:1
Diabetic Monitoring	69% (39%-99%)	81%
Mammography Screening	63% (27%-99%)	63%
Uninsured Adults (not included in overall ranking)	33% (29%-37%)	23%
Uninsured Children (not included in overall ranking)	27% (20%-33%)	11%
Health Care Costs	\$7,118	\$7,477

Social Economic Factors		
Unemployment	2.4%	4.7%
Children in Poverty	21% (14%-28%)	19%
Children eligible for free lunch (not included in overall ranking)	17%	34%
Children in single-parent households	7% (0%-15%)	29%
Social Associations	23.4	14.4
Violent Crime	96	272
Injury Deaths	152 (81-260)	89
Physical Environment		
Severe Housing Problems	8% (4%-13%)	15%
Driving Alone to Work	73% (70%-77%)	75%
Long Commute-Driving Alone	18% (11%-24%)	16%

The Institute for Health Metrics and Evaluation, University of Washington (2014)^{iv}

The *Institute for Health Metrics and Evaluation* analyzed performance of all US counties or county-equivalents in terms of mortality rates for select causes, life expectancy at birth, alcohol use, smoking prevalence, obesity prevalence, and recommended physical activity using novel small area estimation techniques and the most up-to-date county-level information.

Finding	McCone County Rate per 100,000 population, age-standardization, 2014	Montana Rate per 100,000 population, age-standardization, 2014
All-Cause Mortality	Female 660.6 Male 852.4	Female 682.9 Male 912.5
Diabetes, Urogenital, Blood, and Endocrine Diseases Mortality	Female 52.9 Male 56.3	Female 43.9 Male 53.8
Self-Harm and Interpersonal Violence Mortality	Female 10.7 Male 29.5	Female 13.7 Male 43.0
Transport Injuries Mortality	Female 23.9 Male 43.7	Female 13.8 Male 30.9
Mental and Substance Use Disorders Mortality	Female 6.2 Male 9.1	Female 9.3 Male 17.3
Cirrhosis and Other Chronic Liver Diseases Mortality	Female 12.7 Male 14.9	Female 16.1 Male 23.3

Finding	McCone County Life expectancy at birth (years), 2013	Montana Life expectancy at birth (years), 2013
Life Expectancy	Female 81.4 Male 76.9	Female 81.2 Male 76.4

Finding	McCone County Prevalence (%), age-standardization, 2012	Montana Prevalence (%), age-standardization, 2012
Heavy Drinking	Female 5.0 Male 9.5	Female 10.0 Male 13.4
Binge Drinking	Female 13.2 Male 30.6	Female 17.9 Male 30.3
Smoking	Female 18.4 Male 23.0	Female 19.8 Male 22.1
Obesity	Female 34.8 Male 34.4	Female 32.0 Male 31.3
Recommended Physical Activity	Female 59.1 Male 59.0	Female 58.5 Male 60.4

Community Health Status Indicators 2015^v

The *Community Health Status Indicators (CHSI 2015)* is an interactive web application created by the Centers for Disease Control and Prevention. The application has health profiles for all counties in the United States.

Each county profile displays key indicators of health outcomes.

McCone County, MT



The following Summary Comparison Report provides an "at a glance" summary of how the selected county compares with [peer counties](#) on the full set of [Primary Indicators](#). Peer county values for each indicator were ranked and then divided into quartiles.

	Better  (most favorable quartile)	Moderate  (middle two quartiles)	Worse  (least favorable quartile)
Mortality		Cancer deaths Female life expectancy Male life expectancy	
Morbidity	Adult diabetes Adult obesity Adult overall health status Gonorrhea Older adult depression Syphilis	Cancer	Alzheimer's diseases/dementia
Health Care Access and Quality			Primary care provider access Uninsured
Health Behaviors	Adult female routine pap tests	Adult binge drinking Adult physical inactivity	
Social Factors	Inadequate social support On time high school graduation Unemployment	Children in single-parent households High housing costs Violent crime	Poverty
Physical Environment	Annual average PM2.5 concentration	Access to parks Living near highways	Housing stress Limited access to healthy food

Centers for Disease Control and Prevention 1600 Clifton Rd. Atlanta, GA 30333, USA
 800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - [Contact CDC-INFO](#)



Health Indicator	McCone County
Percent of older adults living with Alzheimer's/dementia (among Medicare fee-for-service beneficiaries)	12.9%
Primary Care Provider Rate	0.0 (per 100,000)
Uninsured (estimated percent under age 65)	24.6%
Percent of individuals living in poverty (percent of individuals living in households below the federal poverty level)	16.4%
Housing Stress (percent of houses with one or more housing conditions)	21.2%
Limited access to healthy food (percent of individuals who are low-income and do not live close to a grocery store)	30.7%

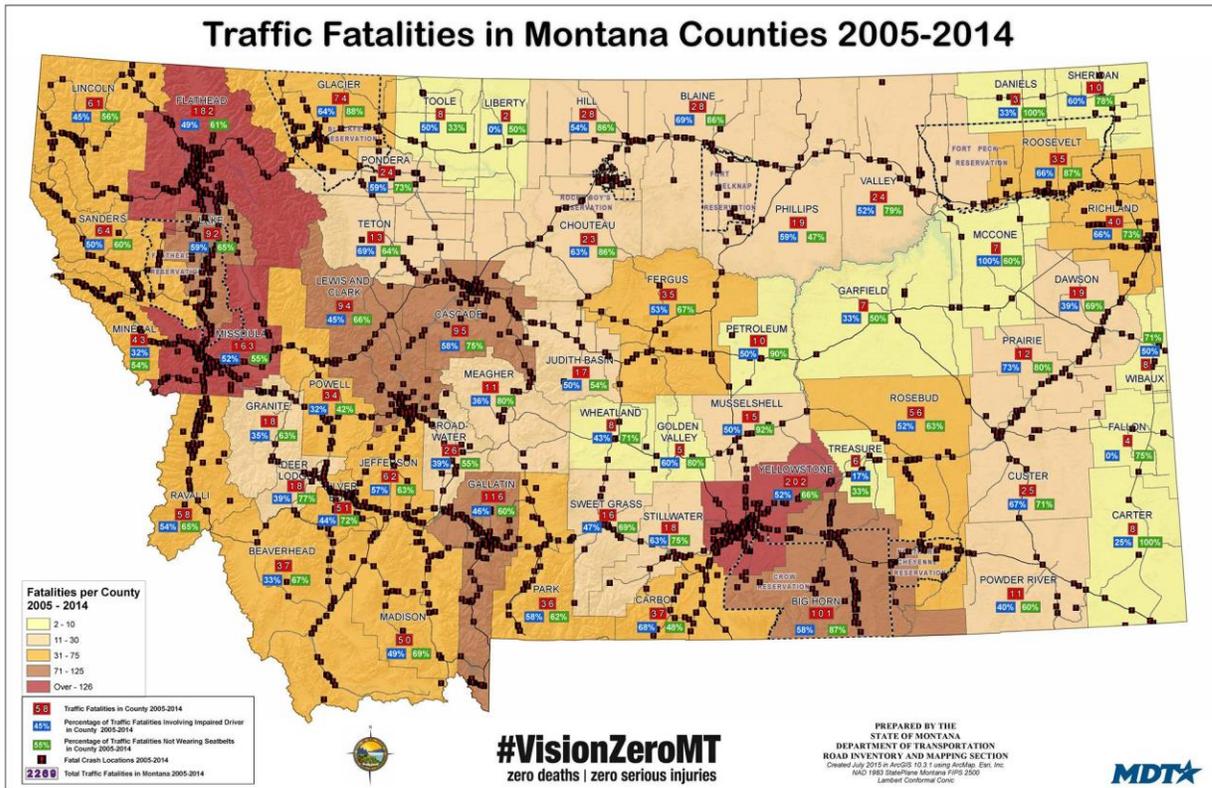
i <http://www.census.gov/quickfacts/table/INC910215/30055.30>

ii <http://dphhs.mt.gov/publichealth/BRFSS/Annual-Reports/2014AnnualReport>

iii <http://www.countyhealthrankings.org/app/montana/2016/rankings/mccone/county/outcomes/overall/snapshot>

iv http://www.healthdata.org/sites/default/files/files/county_profiles/US/2015/County_Report_McCone_County_Montana.pdf

v <https://www.cdc.gov/CommunityHealth/profile/currentprofile/MT/McCone/>



Primary Data

Upon review of the data collected in the survey, we realized some of the survey questions did not give us an accurate value. Examples are numbers of persons in household; there are many duplicates as numerous couples filled out the survey. Perhaps doing a survey by “Household” instead of by “Person” would be a good idea in the future. Surveys from outside of McCone County were removed in Formstack before data was collected.

McCone County CHA Survey Results

Table 1: Demographics (n=319)

	Number	Percent (%)
Sex		
Female	221	69
Male	97	30
Age		
18-19	1	0.3
20-29	30	9
30-39	61	19
40-49	44	14
50-59	56	18
60-69	52	16
70-79	36	11
80-89	30	9
>90	7	2
Number of people in household		
1	49	15
2	131	41
3	44	14
	17	

4	41	13
5	33	10
6	8	3
7	0	0
8	2	0.6

Number people under 2 years of age in household

0	295	92
1	24	8

Number of people 2-17 years of age in household

0	267	84
1	43	13
2	0	0
3	0	0
4 or more	9	3

Marital Status

Married/unmarried couple	249	78
Separated/divorced	17	5
Widowed	32	10
Never married	18	6

Non-English speaking adult in household

Yes	2	0.6
No	316	99

Number

Percent (%)

Primary Residence McCone County

Yes	313	98
No	1	0.3

Housing

Own	271	85
Rent	36	11
Prefer not to say	11	3

Table 2: Transportation (n=319)

	Number	Percent (%)
Do you drive		
Yes	305	96
No	10	3
Prefer not to say	1	0.3
Reliable method of transportation		
Yes	316	99
No	2	0.6
How often do you wear your seatbelt?		
Always	170	53
Out of town trips	106	33
Sometimes	39	12
Never	3	0.9
Prefer not to say	1	0.3
Do you have a landline?		
Yes	244	76
No	75	24
Do you have pets?		
Yes	214	67
No	104	33

Table 3: Socioeconomic (n=319)

	Number	Percent (%)
How often in past 12 months worried/stressed about enough money to pay rent/mortgage?		
Always	14	4
Usually	29	9
Sometimes	70	22
Rarely	61	19
Never	137	43
Don't know	2	0.6
Prefer not to say	6	2

How often in the past 12 months worried about having enough money to provide adequate food?		
Always	12	4
Usually	10	3
Sometimes	38	12
Rarely	61	91
Never	196	61
Don't know	1	0.3
Prefer not to say	1	0.3

Table 4: Health Conditions in Household (n=319)

	Number	Percent (%)
Asthma/COPD/Emphysema		
Yes	80	25
No	217	68
Diabetes		
Yes	54	17
No	253	79
Developmental Disabilities		
Yes	13	4
	20	

No	279	87
History of Cancer		
Yes	90	28
No	207	65
Hypertension		
Yes	122	38
No	182	57
Immunosuppressed		
Yes	28	9
No	260	82
Obesity		
Yes	68	21
No	238	75

	Number	Percent (%)
Physical Disability		
Yes	36	11
No	261	82
Psychosocial/Mental Illness		
Yes	31	10
No	255	80

Table 5: Daily Household needs (n=319)

	Number	Percent (%)
Daily medication other than Birth control or vitamins		
Yes	229	72
No	86	27
Dialysis		
	21	

Yes	0	0
No	299	94
Home Health Care		
Yes	24	8
No	276	87
Oxygen Supply		
Yes	11	3
No	291	91
CPAP/BiPAP		
Yes	52	16
No	254	80
Wheelchair/Walker/Cane		
Yes	19	6
No	284	89

Table 6: General Health (n=319)

	Count	Percent (%)
Difficulty hearing		
Yes	75	24
No	237	74
Blindness or difficulty seeing with glasses		
Yes	20	6
No	296	93
Difficulty concentrating, remembering or making decisions		
Yes	36	11
No	274	86
Difficulty walking or climbing stairs		
Yes	53	17

No	263	82
Difficulty bathing or dressing		
Yes	7	2
No	309	97
Difficulty doing errands alone because of s physical, emotional or mental condition		
Yes	26	8
No	289	91

Table 7: Medical Care (n=319)

	Number	Percent (%)
Annual check up		
Yes, I do	143	45
Yes, my family members do	114	36
No, I do not	36	11
No, my family members do not	21	7
Travel out of town for medical exams		
Yes	205	64
No	113	35
Would you use MCHC Emergency room if necessary?		
Yes	310	97
No	6	2
Require lab tests last 12 months		
Yes, once	114	36
Yes, 2-3 times	75	24
Yes, more than 3 times	65	20
No	58	18
If yes, Where was lab testing performed? (n=269)		
Local HC providers office	188	59
Out-of-town HC providers	61	19
	23	

office		
Sent to lab of my choice	5	2
Don't know	15	5

Table 8: Maternal Child Health (n=319)

	Number	Percent (%)
Anyone in household pregnant		
Yes	10	3
No	305	96
Ever stressed or worried about enough money to pay for baby/infant needs?		
Yes	11	3
No	295	92
Are you aware of WIC, SNAP, TANF program		
Yes	255	80
No	54	17

Table 9: Emergency Preparedness Plans (n=319)

	Number	Percent (%)
List of numbers		
Yes	135	42
No	178	56
Don't know	5	2
Meeting place immediately outside home		
Yes	94	29
No	221	69
Don't know	2	0.6
Meeting place outside of neighborhood		
Yes	58	18
	24	

No	252	79
Don't know	4	1
Copies of important documents in safe location		
Yes	208	65
No	103	32
Don't know	5	2
Multiple evacuation routes from home		
Yes	170	53
No	138	43
Don't know	6	2
Help with creating emergency preparedness plan		
Yes	14	4
No	274	86
Don't know	28	9

Table 10: Emergency Preparedness Supplies (n=319)

	Number	Percent (%)
Emergency supply kit		
Yes	63	20
No	249	78
Don't know	4	1
First aid kit to take in emergency		
Yes	110	34
No	202	63
Don't know	3	0.9
Adequate drinking water for 3 days		
Yes	139	44
No	174	55

Don't know	4	1
Adequate stored water for sanitary needs		
Yes	86	27
No	223	70
Don't know	8	
Adequate non-perishable foods		
Yes	258	81
No	56	18
Don't know	3	0.9
7 day supply of medication		
Yes	234	73
No	16	5
No prescriptions	59	18
Don't know	7	2

Table 11: Household Access (n=319)

	Number	Percent (%)
Generator		
Yes	142	45
No	171	54
Smoke Detectors		
Yes	298	93
No	18	6
Hot and cold running water		
Yes	315	99
No	2	0.6
Carbon monoxide detectors		
Yes	131	41

No	173	54
Weather alert radio		
Yes	110	34
No	204	64
House numbers		
Yes	203	64
No	113	35
Reflective numbers		
Yes	39	12
No	253	79
Driveway numbered with address		
Yes	57	18
No	253	79
Driveway numbers reflective		
Yes	25	8
No	270	85
Internet access		
Yes	266	83
No	48	15
Primary heat source		
Burner fuel	14	4
Electric	163	51
Ground source heat pump	20	6
Natural gas	1	0.3
Propane	110	34
Wood	8	3
Prefer not to say	3	0.9

Table 12: Evacuation (n=319)

	Number	Percent (%)
Would your household evacuate		
Yes	242	76
No	13	4
Don't know	62	19
Prefer not to say	2	0.6
Main reason preventing evacuation		
Leaving pets and livestock	67	21
Concern about leaving property	57	18
Inconvenience/expensive	21	7
Concern about personal safety	36	11
Concern about traffic issues	4	1
Health problems	5	2
Lack of transportation	8	3
Lack of trust in public officials	9	3
Nowhere to go	9	3
Would leave	48	15
Other	12	4
Don't know	71	22
Where would you go		
American Red Cross/shelter	26	8
Friends/family	237	74
2 nd home outside area	237	74
Hotel/motel	32	10

Don't know	32	10
Would not evacuate	10	3
Other	6	2

What would you do with your pets?

Find a safe place for them	9	3
Take them with me	174	55
Leave behind with food/water	38	12
Would not evacuate because of pets	9	3
No pets	92	29
Don't know	10	3

How would you prefer to be notified of to shelter in place?

Call tree	38	12
Cell phone	142	45
Door to door notice	48	15
Siren	59	18
Social media	53	17
Text message	115	36
Phone call	161	50
Don't know	12	4

Number

Percent (%)

Preferred method to receive disaster information

Automated call (reverse 911)	140	44
Church or other groups	6	2
Facebook	76	24
Internet	55	17
Local newspaper	6	2
Neighbor/friend/word of	41	13

mouth		
Poster/flyer	7	2
Radio	35	11
Text message	152	48
TV	66	21
Twitter	1	0.3
Don't know	15	5

Table 13: Education (n=319)

	Number	Percent (%)
Preferred learning method		
Oral	105	33
Visual	200	63
Don't know	11	3
Prefer not to say	2	0.6
Anyone in household completed First Aid, CPR, or CERT?		
Yes	144	45
No	170	53

Table 14: Websites for Emergency Preparedness (n=319)

	Number	Percent (%)
<u>www.ready.gov</u>		
Yes	62	19
No	241	76
<u>www.redcross.org</u>		
Yes	124	39
No	181	57
<u>www.mt.gov</u>		

Yes	142	45
No	160	50

Areas of Concern for the Stakeholders

Keri (Lab):

1. Seatbelts
2. Emergency Preparedness

LaToya (DON):

1. # of residents traveling out of town for medical exams
2. # of residents on medications possibly having to travel to pick up meds or having to wait for meds to arrive via mail
3. Lack of health care coverage

Shannell (EMS):

1. House numbers
2. HTN education

Nancy (GIS):

1. Develop the method to receive Disaster Information because through that we could “test” that information to everyone about that
2. Table 9: Emergency Preparedness. Creating a plan even. Even though they do not need help
3. Table 4: Specifically: Diabetes and Cancer

Terry (PH):

1. Seat Belt Awareness, 145 wear sometimes or on out of town trips
2. Knowledge of what adequate drinking water and sanitary water is
3. Leaving pets for evacuation
4. Lack of carbon monoxide detectors and weather radios

Erin (DES):

1. Notification Preferences
2. Family Emergency Plan/Alternate meeting locations
3. Emergency Kits
4. Electric heat source
5. Livestock/Pets evacuation concerns
6. Non-English language barrier

Sue (PH):

1. Water Storage, 72 hour kits
2. Home addressing
3. Notification system

Final List of Concerns (established by the Stakeholder group)

1. House/Driveway Addressing
2. Notification System
3. Personal Preparedness in the home
 - In the future concerns
 1. Promotion of TeleMed use
 2. Health/Fitness Center 24/7 availability

Improvement Plan Draft for #1 and #3

1. Develop a brief intake form, one per household. Will include (at a minimum)
 - A. House Numbers (yes, no, reflective)
 - B. 72 Hour kit (where, contents, check contents yearly)
 - C. Water storage for personal use (3 gal min per person)
 - D. Water storage for sanitary use and pets
 - E. Family emergency plan (who, transport, shelter, alternate locations, contact numbers)
 - F. Generator (yes, no) who can you stay with if no heat?
 - G. Smoke Detectors (yes, no)
 - H. CO2 Detectors (yes, no)
 - I. Fire Extinguisher (yes, no)
2. Utilizing the community resource list, conduct house to house survey to determine individual needs.
3. Public Health will coordinate effort with assistance from DES.
4. Assist residents to obtain:
 - a. Reflective house numbers for city residents
 1. Rural residents driveway numbering will be in the future)
 2. Find bulk numbers and stakes for rural areas to maintain a CONSISTENT application to location and type (GIS can assist with this perhaps)
 - b. 3 gallons of potable water per person, dated and replaced

- c. 72 hour kits
 - d. Smoke detectors with reminder for battery checks
 - e. CO2 detectors with reminder for battery checks
 - f. Fire Extinguisher
5. Develop short, concise Family Emergency Plan form to distribute to residents. Assist in filling out information, if desired.
6. Assist functional needs and elderly residents to determine where they can go in an event; neighbors, family, sheltering. How will they get there? What to take?
7. GOAL: have pockets of people and neighbors looking out for the well-being of the at risk people around them.
8. EXAMPLE: Mary Smith is 85 years old, can drive, has no alternative source of heat or electricity, and has a current 72 hour kit, but NO local family members. WHO is looking out for Mary Smith? One of her neighbors is....they have a plan for Mary to drive, if able, to the neighbor's home, bringing items of need for her three day stay. If she is unable to drive, then picking her up or making arrangements for her to be transported. The community plans to take care of our own.
9. Improvement plan completion target date May 1 2018 .

Improvement Plan for #2

1. DES utilized the survey data gathered which indicated more than half of the respondents wanted emergency and disaster notifications via text message to obtain grant funds which DES budget will match to purchase a text notification system.
2. The system also allows for phone calls as well as texting.
3. DES coordinator anticipates the system will be in place by Jan 2018.
4. Testing of the system can be coordinated through the LEPC TEP (Local Emergency Planning Committee Training and Exercise Plan)

Community Resources

Community Organizations:

4-H clubs
Homemaker clubs
Search & Rescue
Fire Department
Boy & Girl Scouts
Community club

County Departments:

Public Health
Senior Center
DES
GIS
EMS
Extension

Private Business:

Circle Country Market
Harvest States Co-op
Mid-Rivers Communications
McCone Electric Co-op

Volunteer Citizens

Appendices

Poster/Flyer with tear off tags

PH Dept Director Presentation of Gift Card

Formstack Online Survey

Take the Survey January 20th through February 20th, 2017

Win a \$500 Gift Card!

Online Community Health Assessment Survey For McCone County residents age 18 and over

- Access the survey thru the McCone County Public Health Facebook Page or type in the URL listed below
- Survey consists of 50 questions
- Takes approximately 15 minutes to complete
- If you need assistance in completing the survey online, please call the office at 485-2444
- For homebound persons, a staff member will conduct the survey at your home
- For anyone not comfortable with online surveys or that have no computer, a staff member will assist you at the library to complete the survey
- After completing the survey, enter your NAME and PHONE NUMBER for entry into the drawing for a **\$500 VISA GIFT CARD!!!**

Sponsored by the McCone County Public Health Dept

This survey is completely anonymous and will be used to compile data about the residents of the area, their health status and emergency preparedness. A copy of the results will be available for reading after May 15th.

<https://mcpdhd.formstack.com/forms/2017cha>



Formstack Submission for form 2017CHA

Q1. Date:	
Q2. Are you male or female?:	
Q3. What is your age?:	
Q4. How many people live in your household?:	
Q5. How many people living in your household are:	2-17 years old? = 18-64 years old? =
Q6. What is your current marital status?:	Married/Unmarried Couple
Q7. Is there any adult in your household who does not speak English?:	No
Q8A. Is your primary residence in McCone County?:	Yes
Q8B. If no, how many months do you reside in McCone County?:	
Q9. Do you own or rent your home?:	
Q10. Do you drive?:	Yes
Q11. Do you have a reliable method of transportation (yourself, family or friends)?:	Yes
Q12. Do you wear your seatbelt?:	Always
Q13. Does your home have a wired Landline phone? (not a portable):	Yes
Q14. Do you have any pets?:	Yes
Q15. How often in the past 12 months would you say you were worried or stressed about having enough money to pay your rent/mortgage? Would you say you were worried or stressed--:	Usually
Q16. How often in the past 12 months would you say you were worried or stressed about having enough money to provide adequate food for your family? Would you say you were worried or stressed--:	Rarely

Q17. Have you or a member of your household ever been told by a healthcare professional that he/she has:

Asthma/COPD/Emphysema = Yes
Diabetes = No
Developmental Disability = No
History of Cancer = Yes
Hypertension/Heart Disease = Yes
Immunosuppressed = No
Obesity = Yes
Physical Disability = No
Psychosocial/Mental Illness = No

Q18. Do you or does any member of your household need--:

Daily Medication (other than Birth Control or Vitamins) = Yes
Dialysis = No
Home Health Care = No
Oxygen Supply = No
CPAP/BiPAP = No
Wheelchair/Walker/Cane = No
Other type of special care = No

Q19. Do you or a member of your household have serious difficulty hearing?:

Yes

Q20. Are you or a member of your household blind or have serious difficulty seeing, even when wearing glasses?:

No

Q21. Because of a physical, mental or emotional condition, do you or does a member of your household have serious difficulty concentrating, remembering or making decisions? (5 years or older):

No

Q22. Do you or a member of your household have difficulty walking or climbing stairs? (5 years or older):

No

Q23. Do you or does a member of your household have difficulty bathing or dressing? (5 years or older):

No

Q24. Because of a physical, emotional or mental condition, do you or does a member of your household have difficulty doing errands alone, such as visiting a doctor's office or shopping? (15 years or older):

No

Q25. Do you and members of your household have a yearly annual checkup with your medical provider?:

Yes, my family members do

Q26. Do you or does any member of your household routinely travel out of town for medical health exams (excluding vision and dental)?:	Yes
Q27. Do/Would you utilize the MCHC Emergency Room, if needed?:	Yes
Q28A. Have you or any member of your household required Lab tests (routine blood work, ER visit, etc) to be collected in the past 12 months?:	Yes, once
Q28B. If yes, where were the tests performed/collected?:	At my out-of-town health care providers office
Q29. Are you or anyone in your household pregnant?:	No
Q30. Are you ever worried or stressed about having enough money to pay for baby/infant needs, such as diapers, formula?:	No
Q31. Are you aware of WIC, SNAP or TANF programs?:	Yes
Q32. Does your household have any of the following emergency plans?:	Emergency communication plan such as a list of numbers and designated out-of-town contact = Yes Designated meeting place immediately outside your home or close by in your neighborhood = Yes Designated meeting place outside of your neighborhood in case you cannot return home = No Multiple routes away from your home in case evacuation is necessary = Yes
Q33. Has your household prepared an Emergency Supply Kit with supplies like water, food, flashlights and extra batteries that is kept in a designated place in your home?:	Yes
Q34. Has your household prepared a First Aid Kit with emergency supplies to take with you, if you had to leave quickly?:	Yes
Q35. Does your household have adequate drinking water (besides tap water) for the next 3 days? (1 gallon/per person/per day):	Yes
Q36. Does your household have an adequate stored water supply for sanitary needs (Toilet, washing) and pets?:	Yes

Q37. Does your household have adequate non-perishable food (e.g., protein bars, nuts, peanut butter) for the next 3 days?:	Yes
Q38. Does your household currently have a 7 day supply of medication for each person who takes prescribed meds?:	Yes
Q39. Does your household have the following--:	Generator = Yes Smoke Detectors = Yes Hot & Cold Running Water = Yes Carbon Monoxide Detectors = Yes Weather Alert Radio (Solar or Battery) = Yes House Numbers on your home? = Yes Are the house numbers reflective? = No Is your driveway numbered with your address? = Yes Are the driveway numbers reflective? = No Internet Access = Yes
Q40. What is the primary heat source for your home?:	Propane
Q41. If public authorities announced a mandatory evacuation from your community due to a large-scale disaster or emergency, would your household evacuate?:	Don't know
Q42. What would be the main reason that might prevent you from evacuating if asked to do so?:	Concern about leaving property
Q43. If your household had to evacuate due to a large scale disaster or emergency, where would you go?:	Friends/Family/2nd home outside your area
Q44. If you were to evacuate, what would you do with your pets?:	Take it/them with you
Q45. How would you prefer to be notified of the need to evacuate or Shelter in Place?:	Cell Phone
Q46. What is your Household's preferred method to receive information regarding disaster or emergency events and information?:	Text Message
Q47. What is your preferred method of learning/gaining knowledge?:	Visual (Reading)

Q48. In the past 5 years, have you or anyone in your household taken training in First Aid, CPR or CERT?: Yes

Q49. Are you aware of the following websites to better prepare yourself and your family for a natural disaster or other significant event?: www.ready.gov = No
www.redcross.org = Yes
www.mt.gov = Yes

Q50. Would you like assistance in completing your own Emergency Preparedness Plan?: No