Community Health Needs Assessment (CHNA) Report



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Promote Healthy Living Assessment

includes topics such as addictive behaviors (tobacco, alcohol, drugs, gambling), chronic disease (mental health, cardiovascular disease, cancer, asthma, diabetes, arthritis, etc.), elderly wellness, family planning, infant, child & family health, nutrition and healthy food options, oral health, physical activity, pregnancy & birth, and wellness.

	Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
1	Prevent/Control Alcohol, Tobacco & Other Drug Abuse (including Prescription Drug Abuse)	In the summer of 2018 community partners began to explore various data sets and conducted a community wide survey to determine new priority needs to work on over the next three years. Alcohol consumption (Excessive drinking) data (19%) exceeded the national data (13%) but was under the state data (22%). Alcohol-impaired driving deaths (31%) exceeded the state (27%) and national data (13%). Lee County Tobacco usage data (17%) exceeded national data (14%) and was equal to state data (17%). Mortality rates of drug poisoning (18) also exceeded the state (9) and national levels (10). Local survey results suggests the community also recognizes the ATOD is a community health issue and the prescription drug abuse is increasingly becoming a significant health issue. During a community forum there was much discussion with Lee County coalition partners to consider a Drug Free Communities Grant application in 2019 to address these issues especially among our youth. Partners voted on ATOD and Prescriptions Drug abuse as top priorities.	Yes	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

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Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
2 Improve The Built Environment; Reduce or Prevent Obesity/Chronic Disease	After a review of CHNA.org data, Community Health Rankings Data, CDC, and other various data sets along with community survey results, unfortunately obesity and other chronic health issues remained a top priority to focus on again over the next three years. Data still reveals Diabetes (9%), Stroke rate (41), Heart Disease (225.7) prevalence and disease mortality still exceeds the state and national levels according to Community Commons data (refer to data packet). Individuals getting routine preventive health screenings remains low yet percentages of those with high cholesterol (38.78) and blood pressure (28.5) exceed state and national levels. Inadequate fruit and vegetable consumption (83.4%) and inadequate physical activity (23.3%) remain higher than state and national levels. Food insecurity (14.46%) and food access of our vulnerable population such as our seniors (19.52) remains an issue. Community survey results in these areas continue to support this priority as well as a continued need to improve the built environment.	Yes	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

	Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
3	Promote Mental Health & Well-Being	After extensive data and survey result reviews and community forum discussion, community partners agreed and voted this in as a continued priority health focus. County Health Rankings Data reveals the number of poor mental health days (3.5), frequent mental distress (11%), lack of mental health providers (1,380:1) as well as specific indicators on local community survey results (lack of support systems, isolation, insufficient sleep, suicide, lack of knowledge of resources available) all demonstrate a continued need for this priority area.	Yes	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

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	Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
4	Decrease Teen Birth Rates	Review of data and survey results indicate teen birth rates in Lee County is a priority health need. The Lee County teen birth	Yes	Other priorities rated higher Community partners do not exist
		rate for ages 15-19 (47.9) is higher than the state rate (29.9) and national rate (36.6). Low birth weight rates (7.9%) also		Existing programs already address problem/need Lead organization does not exist
		were higher than the state (6.8%) but lower than national level (8.2%) After much discussion, partners voted this in as a		Lack of human resources/ Lack of financial resources staff
		priority focus over the next three years.		Other
	Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
5	Prevent/Decrease Cancer Rates	Cancer was one of the top six priorities and health concerns that resulted in community wide survey results. Incidences of	No	Other priorities rated higher Community partners do not exist
Cancer exceed state and national levels fo	Cancer exceed state and national levels for Colon, Lung, and Prostrate Cancer. Mortality of cancer rates exceed state and		Existing programs already address problem/need Exist Lead organization does	
		national levels (174.6). Partners did not choose this health issue as a priority for the next three years for the Health		Lack of human resources/ Lack of financial resources staff
		Improvement Plan (HIP). Focus will be on prevention, promoting health screenings and disease preventing		☐ Other
		immunizations, and healthy behaviors under other health priorities.		
	Healthy Living Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, reason(s) why:
6	Improve Dental Health	Community Survey results demonstrate a continued need to improve access to dental care and educate on the importance	No	Other priorities rated higher Community partners do not exist
of routine preventive dental care for all ages. This was not chosen as a priority need for the HIP since there is a new dental		Existing programs already address problem/need Lead organization does not exist		
		clinic in Keokuk (FQHC) and current public health programs are already addressing the issue.		Lack of human resources/ Lack of financial resources staff
				Other

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Prevent Injuries & Violence Assessment

includes topics such as brain injury, disability, EMS trauma & system development, intentional injuries (violent & abusive behavior, suicide), occupational health & safety, and unintentional injuries (motor vehicle crashes, falls, poisoning, drowning, etc.).

Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
Prevent Violence, Crime, & Abuse	Although violent crime exceeded the state and national levels, this was not a priority focus area chosen by community stakeholders to work on in the HIP in the next three years. Local law enforcement continues to address this issue in Lee County with increasing security. Child Abuse and Neglect rates continue to be high in Lee County however programs exist to prevent or reduce abuse through family support programs and other available services for families and children in Lee County.	No	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources
Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:

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Injuries & Violence Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed	d in the HIP, reason(s) why:
Prevent/Decrease Falls & Unintentional Injuries Among the Elderly Population; Promote Elderly Wellness	There is a lack of evidenced-based fall prevention programs in Lee County to address this issue. Unintentional injuries (falls) among the elderly continue to be an issue. These issues as well as other issues related to elderly wellness will be addressed on the HIP and addressed by organizations who can address these issues.	Yes	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

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Protect Against Environmental Hazards Assessment

includes topics such as drinking water protection, food waste, food safety, fluoridation, hazardous materials, hazardous waste, healthy homes, impaired waterways, lead poisoning, nuisances, on site wastewater systems, radon, radiological health, soil erosion, and vector control.

Environmental Hazards Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
1 Improve Environmental Health Issues/Prevent Childhood Lead Poisoning	Data reveals that over the 50% of homes in Lee County were built before 1957 which may have sources of lead exposure of children in Lee County. The number of cases of lead poisoned children in the county exceed state levels. Testing rates among medical providers are lower than the state average. This was not chosen as a priority focus area at this time for the HIP by partners however public health continues to address this with limited resources in the County through gap filling testing services, outreach and education, and lead inspections of homes.	No	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

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Prevent Epidemics & the Spread of Disease Assessment

includes topics such as disease investigation, control & surveillance, HIV/AIDS, immunization, reportable diseases, sexually transmitted diseases (STDs), and tuberculosis (TB).

Epidemics & Spread of Disease Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
1 Prevent/Decrease Sexually Transmitted Diseases & Other Communicable Diseases	Increases in STI rates in Lee County (263.6) and Iowa (388.9) have occurred in the past two years. No providers in Lee County are currently providing STI testing and treatment unless a person is an established patient within a provider office. This was not chosen as a priority need at this time for the HIP by community partners but public health/health care facilities have agreed to look at options possibly in the future utilizing state resources and supplies as part of outreach and prevention.	No	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

Prepare for, Respond to, & Recover from Public Health Emergencies Assessment

includes topics such as communication networks, emergency planning, emergency response, individual preparedness, recovery planning, risk communication, and surge capacity.

Preparedness Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addressed in the HIP, re	eason(s) why:
1 Emergency Preparedness Planning; Improving Communication During Emergencies	Emergency Preparedness and Health Care Coalition partners have been addressing the need for improving communication among responders, health care facilities, during an emergency event where power outages or other circumstances make normal means of communication inoperable (internet, phone lines down, etc.). This was not chosen as a priority focus on the HIP however the Lee County Health Care Coalition will continue to address this issue as part of local and regional coalition efforts .	No	higher not exist Existing programs already address problem/need not exist	anization does

Strengthen the Health Infrastructure Assessment

includes topics such as access to quality health services, community engagement, evaluation, food security, food systems, food and nutrition assistance (SNAP, WIC), health facilities, health insurance, medical care, organizational capacity, planning, quality improvement, social determinants (e.g., education & poverty levels), transportation, and workforce (e.g., primary care, dental, mental health, public health).

Health Infrastructure Community Priority	Rationale / Specific Need	Is this priority in the HIP?	If the priority is not addresse	d in the HIP, reason(s) why:
1 Decrease Poverty	Poverty levels (including children living in poverty 20%) and the increasing Medicaid population is higher than state and national levels in direct correlation with other health issues in the county. Unemployment is 6.2% compared to the 3.7% state average. These issues were not chosen as priority focus areas for the HIP at this.	No	Other priorities rated higher Existing programs already address problem/need Lack of human resources/ staff Other	Community partners do not exist Lead organization does not exist Lack of financial resources

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COMMUNITY HEALTH NEEDS ASSESSMENT SNAPSHOT



Promote Healthy Living

Priority #1 Prevent/Control Alcohol, Tobacco & Other Drug Abuse (including Prescription Drug Abuse)

Priority #2 Improve The Built Environment; Reduce or Prevent Obesity/Chronic Disease

Priority #3 Promote Mental Health & Well-Being

Priority #4 Decrease Teen Birth Rates

Priority #5 Prevent/Decrease Cancer Rates

Priority #6 Improve Dental Health



Prevent Injuries & Violence

Priority #1 Prevent Violence, Crime, & Abuse

Priority #2 Decrease/Prevent Motor Vehicle Crashes & Recreational Accidents (Boating, ATVs)

Priority #3 Prevent/Decrease Falls & Unintentional Injuries Among the Elderly Population; Promote Elderly Wellness



Protect Against Environmental Hazards

Priority #1 Improve Environmental Health Issues/Prevent Childhood Lead Poisoning



Prevent Epidemics & the Spread of Disease

Priority #1 Prevent/Decrease Sexually Transmitted Diseases & Other Communicable Diseases



Prepare for, Respond to, & Recover from Public Health Emergencies

Priority #1 Emergency Preparedness Planning; Improving Communication During Emergencies



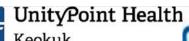
Strengthen the Health Infrastructure

Priority #1 Decrease Poverty

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Community Health Improvement Plan







Date Updated: 2/14/2019

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Community Priority

Promote Healthy Behaviors and Improve Health Outcomes

al #1 Reduce obe	esity rates; preventable	National Alignment		State Alignment			
hospital stays due to chronic disease		NWS Healthy People 2		Healthiest State Initiative; Healthy lowans			
	educe obesity rates according to open to the depth of the port in the next three years.	county health rankings	Baseline value & (year) 34% CHR 2018	& (year)			
Strategy 1-1.1	Increase participation in prog become better educators on I Strategy Type Counseling & Education		onsible?	iders to help them	Target Date Jan 1, 2022		
Strategy 1-1.2	Survey schools and early childhood environments on 5-2-1-0 Initiative; Collaborate with I-Smile Initiative for "0" promotion and education to children/families. Strategy Type Who's responsible?						
Strategy 1-1.3	Environmental / Policy Change Live Healthy Lee County Coalition members; LCHD Encourage better eating habits in young adults by targeting concession stands in Lee County and encouraging them to add three new healthy options.						
	Strategy Type Environmental / Policy Chang		Who's responsible? Live Healthy Lee County Coalition members				
Strategy 1-1.4	Continue to monitor and promote trail development and complete streets efforts in Lee County.						
	Strategy Type Environmental / Policy Chang	Who's respondent Live Healthy					
Strategy 1-1.5	Increase participation in local community gardening, local produce box project, and other health and wellness initiatives.				Target Date Jan 1, 2020		
	Strategy Type Address Social Determinant /		Who's responsible? LCHD; Live Healthy Lee County				

National Alignment State Alignment Prevent or reduce teen births and STDs amoung youth/young adults. FP Healthy People 2020 **Healthy Iowans** Baseline value Target value Objective 2-1 Reduce the teen birth rate in next three years. & (year) & (year) 40 CHR 2018 reduced rate from baseline CHR 2022 Strategy 2-1.1 Provide education to targeted groups and locations. Target Date Jan 1, 2022 Strategy Type Who's responsible? Counseling & Education Adolecent Pregnancy Prevention Coalition; Medical Providers; LCHD's MCAH and Home Visiting programs Strategy 2-1.2 Provide free access to condoms at key locations in the county. Target Date Jan 1, 2022 Strategy Type Who's responsible? Long-Lasting Protective Intervention LCHD; FMCH; UPH-K; Other Strategy 2-1.3 Utilize social media for education and outreach messaging. **Target Date** Jan 1, 2022 Strategy Type Who's responsible? Counseling & Education LCHD; FMCH; UPH-K Strategy 2-1.4 Explore STD testing and treatment services for walk-ins. Target Date Jan 1, 2022 Strategy Type Who's responsible? Clinical Intervention LCHD; Family Planning services **National Alignment** State Alignment Goal #3 Prevent/reduce alcohol, tobacco and other drug abuse (ATOD) among our SU Healthy People 2020 Healthiest State Initiative; Healthy youth and adults (includes prescription **lowans** drug abuse). Baseline value Target value Objective 3-1 Improve county health rankings data related to smoking & (year) & (year) (17%), excessive drinking (19%), alcohol-impaired driving deaths (31%) and drug overdose deaths (18) over the next CHR data 2018 decreases in three years through community engagement and education. each data set from CHR baseline

Gather support for TF/NF policy in public places: schools, hospitals, YMCA, faith-based Strategy 3-1.1 **Target Date** organizations, law enforcement, MH and SA agencies, etc. Jan 1, 2022 Strategy Type Who's responsible? Environmental / Policy Change **ADDS** Strategy 3-1.2 Apply for a Drug Free Community Grant for Lee County. **Target Date** Jan 1, 2020 **Strategy Type** Who's responsible? Prevent Child Abuse Council of Lee County; Long-Lasting Protective Intervention **Community Sectors** Strategy 3-1.3 Increase education in the public through public service announcements; promote initiatives **Target Date** such as Take Back Iowa programs Jan 1, 2022 **Strategy Type** Who's responsible? Counseling & Education **ADDS** Strategy 3-1.4 Providers to educate patients on alternative treatments for prescription drugs; properly **Target Date** securing prescription medications from other household members/visitors, etc. Jan 1, 2022 **Strategy Type** Who's responsible? Clinical Intervention Medical Providers; UnityPoint Health-Keokuk **National Alignment** State Alignment Goal #4 Improve the population's Mental Health and Well-being. MHMD; HRQOL/WB Healthy People Healthiest State Initiative; Healthy 2020 **Iowans** Baseline value Target value Objective 4-1 Decrease the number of self-reported poor mental health & (year) & (year) days in the county health rankings data over the next three years. 3.5 days CHR decrease in days 2018 from CHR baseline by 2022 Strategy 4-1.1 Promote and educate on available community resources, increase engagement of community **Target Date** protective factors and work on destigmatization. Jan 1, 2022 Strategy Type Who's responsible? Counseling & Education SEIL/Regional Mental Health coalition; LCHD-1st Five Healthy Mental Development Initiative Strategy 4-1.2 Evaluate strategies and processes for implementing Mental Health Technology uses in Lee **Target Date** County over the next three years. Jan 1, 2022 Strategy Type Who's responsible? Regional Mental Health Coalition/groups Clinical Intervention

Strategy 4-1.3 Utilize PCAI; Children's Mental Health and Well-being Collaborative; media and reach other sectors such as schools to address strategies that can promote and lead to improved mental health and well-being in the county.

Target Date
Jan 1, 2022

Strategy Type

Counseling & Education

Who's responsible?

local and regional coalitions; Service Providers and Organizations

Community Priority

Promote Elderly Wellness

Goal #1 Improve the health, function, and quality of life of older adults.		health, function, and quality	National Alignment		State Alignment		
		OA Healthy People 2020		Healthiest State Initiative; Healthy lowans			
Objective 1-1	(66.5	rease the rate of fall-related deat 5 per 100,000) and Fall-related ho 0) in Lee County over the next the	ospitalizatio		Baseline va & (year) 66.5/21.07 2010-2014 II data	decreases in	
Strategy 1	l-1.1	Offer classes such as Matter of locations in the county each year		epping On, and	l Senior Fitnes	s classes in key	Target Date Jan 1, 2020
		Strategy Type		Who's respon			
		Counseling & Education		LCHD; FMCH;	; UPH-K; YMCA	As	
Objective 1-2		ease access to healthy produce b luce boxes at 7 assisted living and	-		Baseline va & (year) 7- 2018	J	
Strategy 1	l-2.1	Organize volunteers to collect a	nd distribut	e donated pro	oduce to sever	ral sites in Lee County.	Target Date Jan 1, 2022
		Strategy Type		Who's respor	nsible?		
		Address Social Determinant / D					
Strategy 1	l-2.2	Provide health management education and care coordination services to older adults Ie: chronic disease self-management, Diabetes self-management, promote proper diet and exercise, self-care, medication management, etc.					Target Date Jan 1, 2022
		Strategy Type Who's responsible?					
		Clinical Intervention				r health services	
Strategy 1	l-2.3	Increase access to oral health care to help reduce systemic disease for the older population iand use of Emergency Departments for oral health care needs.					Target Date Jan 1, 2022
		Strategy Type		Who's respor			
		Address Social Determinant / Disparity					