

Dubuque County Health Improvement Plan

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Community Priority

Goal #1 Healthy Behaviors:

Reduce obesity among Dubuque County adults to 27% by June 30, 2020.

National Alignment

Healthy People 2020 Goal Improve health-related quality of life and well-being for all individuals.

State Alignment

Healthy Iowans 6-5 An increase in the proportion of adults who get the recommended levels of aerobic physical activity.

Objective 1-1

Establish policies to address adult and childhood obesity in various sectors in Dubuque County; i.e., Municipal ordinances, workplace, schools, etc.

ANTICIPATED IMPACT OF THESE ACTIONS:

- Implementation of community and organizational-wide policy that contribute to a culture of wellness.

PLAN TO EVALUATE THE IMPACT:

Measurement of policies and environmental change actions in the community.

Baseline Year

2015

Baseline Value

TBD

Target Year

2020

Target Value

TBD increase from baseline.

Strategy 1-1.1 Broaden the scope of the Dubuque County Wellness Coalition to include organizational representation capable of implementing strategic policies and environmental change in their organizations, and including organizations that represent the cultural and economic diversity of the community and geographic areas of the county.

Who's Responsible

Dubuque County CHNA HIP Steering Committee

Strategy Type

Environmental / Policy / Systems Change

Target Date

Jan 1, 2020

Strategy 1-1.2 Involve the Local Food Systems Working Group and other community-based organizations that have a specific interest in nutrition, weight loss, and physical activity in the process.

Who's Responsible

Dubuque County CHNA HIP Steering Committee

Strategy Type

Address Social Determinant / Health Inequity

Target Date

Jan 1, 2020

Strategy 1-1.3 Research model policies/best practices that are working in other communities and replicate them in Dubuque County.

Who's Responsible

Dubuque County CHNA HIP Steering Committee

Strategy Type

Environmental / Policy / Systems Change

Target Date

Jan 1, 2020

Strategy 1-1.4 Secure commitments from participating partner organizations and coalition members to assist in implementing and supporting environmental change.

Who's Responsible

Dubuque County CHNA HIP Steering Committee

Strategy Type

Environmental / Policy / Systems Change

Target Date

Jan 1, 2020

Objective 1-2 Implement environmental changes throughout the county to improve physical activity and nutrition.

Baseline Year	Baseline Value	Target Year	Target Value
2015	TBD	2020	TBD increase from baseline.

ANTICIPATED IMPACT OF THESE ACTIONS:

- Reduction in overall obesity rate.
- Improvement in chronic disease and other health conditions affected by obesity.

PLAN TO EVALUATE THE IMPACT:

Outcome indicator: Actual measurement of the percentage of obese adults in Dubuque County using the same metrics used in this assessment (County Health Rankings.)

Process indicators: Success in broadening the scope and strengthening the authority of the Dubuque County Wellness Coalition; success in securing necessary funding through grants or partner funding; development of a published strategy which will include milestone assessments.

Strategy 1-2.1 Support local food system development.

Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 1-2.2 Expand sidewalks, trails, and bike routes to increase physical activity and facilitate alternative forms of transportation.

Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 1-2.3 Encourage policy development for monitoring and tracking pesticide and nutrient use.

Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 1-2.4 Preserve/increase number of acres for fruit and vegetable production for human consumption.

Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Goal #2 Preventing the Spread of Disease: Improve communication and education of communicable diseases between public health and health care providers.

National Alignment
Healthy People 2020 Goal Increase immunization rates and reduce preventable infectious diseases.

State Alignment
Healthy Iowans 2-1.2 Increase the use of the Iowa Health Information Network 4 to report disease records.

Objective 2-1 Develop regular communicable diseases information dissemination mechanisms to Health Care Providers.

Baseline Year	Baseline Value	Target Year	Target Value
2015	TBD	2020	TBD increase from baseline.

ANTICIPATED IMPACT OF THESE ACTIONS:

- Increased communication between hospitals, labs local epidemiologists, community partners.

Process indicators: Success in providing resource and education support to PCP.

Strategy 2-1.1 Provide relevant information through social media to include hospitals, clinics, physicians, Long Term Care (LTC) facilities, schools/daycares, and public health.

Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 2-1.2 Research developing new and improved communication methods such as listservs, twitter, etc. Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 2-1.3 Develop a local system for reporting that will reduce redundancy. Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Objective 2-2 Improve communicable disease knowledge and reporting between local epidemiologists, lab partners, community partners and healthcare providers who report as required by Iowa Code.

Baseline Year	Baseline Value	Target Year	Target Value
2015	TBD	2020	TBD increase from baseline.

Outcome indicators: ANTICIPATED IMPACT OF THESE ACTIONS:

- Increased awareness of infectious diseases and the importance of reporting those diseases.
- Increased timely disease investigation and reporting.
- Implementation of educational programs to assist in learning about diseases and the way diseases are spread.

Actual percentage of individuals in Dubuque County receiving recommended vaccinations and incidence of infectious diseases, utilizing in ED for non-emergent services, actual measurement of the percentage of individuals enrolled in a PCP, actual measurement of the number of developmental screenings provided by pediatric offices.

Strategy 2-2.1 Develop a community committee that will annually review and update the County Communicable Disease CQI Plan. This committee will also develop a local system for reporting. Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 2-2.2 Annually update county preparedness plan so provider contact information is correct and current. Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 2-2.3 Explore funding opportunities for communicable disease educational program. Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Goal #3 Transitions of Care: Reduce non-emergent Emergency Department (ED) use by 2% each year.	National Alignment	State Alignment
	Healthy People 2020 Goal Improve access to comprehensive, quality health care services.	Healthy Iowans 1-3 An increase in the proportion of people who have one person as a health provider.

Objective 3-1	Educate and provide alternatives to individuals and families about primary care access when using the ED (Emergency Department) for non-emergent reasons. Outcome indicator: Actual measurement of the percentage of individuals in Dubuque County utilizing in ED for non-emergent services, actual measurement of the percentage of individuals enrolled in a PCP, actual measurement of the number of developmental screenings provided by pediatric offices. Process indicators: Success in providing resource and education support to PCP.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.
Strategy 3-1.1	Provide resources to ED staff to educate patients about the importance of and access to a routine medical and dental home.	<u>Strategy Type</u> Counseling & Education		<u>Target Date</u> Jan 1, 2020	
Strategy 3-1.2	Educate patients as they become insured about when to utilize ED, access to after-hours nurse triage through their PCP (Primary Care Providers).	<u>Strategy Type</u> Counseling & Education		<u>Target Date</u> Jan 1, 2020	
Strategy 3-1.3	Implement a care coordination team to include Public Health, hospitals, FQHC, physician offices and others to holistically address patient needs to break down barriers and improve access to primary medical and dental homes.	<u>Strategy Type</u> Clinical Intervention		<u>Target Date</u> Jan 1, 2020	
Strategy 3-1.4	Develop a Health Information Exchange with hospitals to create a database to track patient care pre and post hospitalizations. Create a team of providers to work within the exchange to assist in overall patient care.	<u>Strategy Type</u> Clinical Intervention		<u>Target Date</u> Jan 1, 2020	
Strategy 3-1.5	Investigate the ability to develop local paramedicine options for patients.	<u>Strategy Type</u> Clinical Intervention		<u>Target Date</u> Jan 1, 2020	

Objective 3-2	Provide data to PCP's regarding ED use in which PCP's could increase effectiveness within the medical home, e.g. asthma, mental health. Partner with a minimum of 1 provider office per year to implement a plan.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.

Strategy 3-2.1 Develop a data dashboard regarding ED use for certain conditions which could be managed more efficient and cost-effective through treatment provided within the medical home.

Strategy Type
Clinical Intervention

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 3-2.2 Collaborate with PCP's to develop care plans and triage system for certain non-emergent conditions.

Strategy Type
Clinical Intervention

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 3-2.3 Identify ED overuse by certain patients and formulate plans to redirect these patients to PCP.

Strategy Type
Clinical Intervention

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Goal #4 Transitions of Care:

Increase access to care for mental health services.

National Alignment

Healthy People 2020 Goal Improve access to comprehensive, quality health care services.

State Alignment

Healthy Iowans 8-1.4 Increase access to services and supports for individuals experiencing a mental health crisis.

Objective 4-1	Provide education to PCP's to bridge medications for mental health patients until they can obtain an appointment with a psychiatrist. ANTICIPATED IMPACT OF THESE ACTIONS: • Increased early intervention mental health services. Process indicators: Development of collaboration with local school district to identify and provide resources to young children displaying mental health behaviors.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.

Strategy 4-1.1 Establish early intervention services in primary care offices by increasing pediatric developmental screenings.

Strategy Type
Clinical Intervention

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 4-1.2 Provide education and consultation to PCP's regarding types of pharmacotherapy which could bridge patient's medications until the patient can obtain a psychiatry appointment.

Strategy Type
Counseling & Education

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 4-1.3	Provide easily accessible community mental health resources (therapists, psychiatric prescribers, telehealth to ED's and PCP's in order to potentially avoid a patient ED visit.	<u>Strategy Type</u> Clinical Intervention
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020
Strategy 4-1.4	Increase avenues for outpatient and inpatient treatment for substance abuse issues.	<u>Strategy Type</u> Clinical Intervention
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020
Strategy 4-1.5	Collaborate with school system to set up resource packets and support systems for children transitioning between inpatient mental health care and home.	<u>Strategy Type</u> Counseling & Education
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020

Goal #5 Environmental Health: Improve water quality.	<u>National Alignment</u> Healthy People 2020 Goal Promote health for all through a healthy environment.	<u>State Alignment</u> Healthy Iowans Water Quality 5-1.8
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Objective 5-1	Improve adequate wastewater treatment to unsewered communities.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.

Strategy 5-1.1	Identify and prioritize unsewered communities according to environmental impact, in Dubuque County.	<u>Strategy Type</u> Address Social Determinant / Health Inequity
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020

Strategy 5-1.2	Educate affected citizens on the importance of proper wastewater treatment, the environmental impact and health outcomes.	<u>Strategy Type</u> Counseling & Education
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020

Strategy 5-1.3	Identify funding sources for individual and community sewer systems.	<u>Strategy Type</u> Environmental / Policy / Systems Change
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020

Objective 5-2	Provide clean drinking water through private water supplies for those not served by public water systems.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.

Strategy 5-2.1	Educate on health and environmental impacts of unsafe drinking water i.e., annual report, social/multi-media on current well water testing.	<u>Strategy Type</u> Address Social Determinant / Health Inequity
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020
Strategy 5-2.2	Create materials to encourage testing, publicize website for stream water monitoring testing results.	<u>Strategy Type</u> Environmental / Policy / Systems Change
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020
Strategy 5-2.3	Establish baseline/inventory of private wells in Dubuque County.	<u>Strategy Type</u> Environmental / Policy / Systems Change
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020
Strategy 5-2.4	Increase the number of private well recommended tests performed by city and county labs.	<u>Strategy Type</u> Environmental / Policy / Systems Change
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020

Goal #6 Environmental Health: Reduce residential and neighborhood environmental health risks.

National Alignment: Healthy People 2020 Goal Promote health for all through a healthy environment.

State Alignment: Healthy Iowans Air Quality 5-1.1

Objective 6-1	Maintain compliance with Air Quality standards.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.
Strategy 6-1.1	Support the development and implementation of the EPA PM Advance Path Forward Plan.	<u>Strategy Type</u> Environmental / Policy / Systems Change			
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020			
Strategy 6-1.2	Research local PM air quality monitoring.	<u>Strategy Type</u> Environmental / Policy / Systems Change			
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020			
Strategy 6-1.3	Monitor health indicators related to air quality.	<u>Strategy Type</u> Environmental / Policy / Systems Change			
	<u>Who's Responsible</u> Dubuque County CHNA HIP Steering Committee	<u>Target Date</u> Jan 1, 2020			

Goal #7 Environmental Health:
Improve residential living environments.

National Alignment

Healthy People 2020 Goal Promote health for all through a healthy environment.

State Alignment

Healthy Iowans Healthy Homes 5-1.2

Objective 7-1	Implement healthy homes principles in residential living environments. Number of homes referred into Healthy Homes Program. Asthma Hospitalization rates. Outcome indicators: Lead poisoning rates Process indicators: Monitor number of lead level tests.	Baseline Year	Baseline Value	Target Year	Target Value
		2015	TBD	2020	TBD increase from baseline.

Strategy 7-1.1 Implement and educate about healthy homes principles.

Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 7-1.2 Reduce incidents of illegal dumping (get baseline data) and accidental hazardous material releases.

Strategy Type
Environmental / Policy / Systems Change

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 7-1.3 Increase childhood blood lead testing rates.

Strategy Type
Clinical Intervention

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 7-1.4 Provide education and resources for reducing lead hazards.

Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020

Strategy 7-1.5 Encourage radon testing and CO monitoring.

Strategy Type
Address Social Determinant / Health Inequity

Who's Responsible
Dubuque County CHNA HIP Steering Committee

Target Date
Jan 1, 2020