

Black Hawk County

Contact: Eileen Daley, Black Hawk County Health Department 319-292-2233 3daley@co.black-hawk.ia.us

Community Health Needs Assessment Snapshot

Promote Healthy Behaviors

Problems/Needs:

- Need to provide education, information and resources to protect and promote the public's health.
- Need to advocate for and develop strategies to address gaps in health promotion and prevention services.
- Need to link the public to available health promotion and prevention services.
- Need to identify health priorities and develop policy using results of the community health needs assessment and report from the designated local public health agency.
- Need to provide health promotion and primary prevention services for required categories when no other providers can be identified within the jurisdiction.
- Need to assure that public health messages address the community's special populations.

Prevent Injuries

Problems/Needs:

- Need to promote promising and best practices, and/or evidence-based injury prevention interventions.
- Need to support and advocate for strategies to reduce intentional and unintentional injuries.
- Need to monitor for intentional and unintentional injuries.
- Need to assure an adequate public health workforce.

Protect Against Environmental Hazards

Problems/Needs:

- Need to engage community stakeholders in the process of reviewing health data and recommending action such as further investigation, new program efforts, or policy direction.
- Need to secure funding for local public health through federal, state, local, and other sources.
- Need to enforce environmental health rules and regulations.
- Need to assure an adequate public health workforce.
- Need to maintain an information technology infrastructure.

Prevent Epidemics and the Spread of Disease

Problems/Needs:

- Need to provide clear, culturally appropriate, timely and effective education, information and consultation about prevention, management and control of communicable diseases to the public and health care community.
- Need to identify, design, and implement prevention and control measures for individuals, communities and the environment.
- Need to conduct disease surveillance activities in accordance with state-recommended resources and targeting special/mobile populations.
- Need to maintain an adequate level of appropriately qualified local staff that provides technical assistance, consultation, and resource referral for local public health and the public.
- Need to develop a 24h/365 day per year surveillance system.
- Need to link the public to available health promotion and prevention services; and acute services.

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

Problems/Needs:

- Need to maintain communication infrastructure.
- Need to secure funding for local public health through federal, state, local, and other sources.
- Need to assure an adequate public health workforce.

Strengthen the Public Health Infrastructure

Problems/Needs:

None identified

Community Health Improvement Plan

Goal	Strategies	Who is responsible?	When? (Timeline)
<p>1. Provide education, information and resources to protect and promote the public's health (Healthy Behaviors). <u>Black Hawk County</u> <u>Indicators/Other Data:</u> <i>Low Birth Rate (LBW) per 1,000 population - 65.4, Very Low Birth Rate (VLWB) per 1,000 population - 15.2 (IDPH-Data Warehouse 2009); Percent of Medicaid enrolled children ages 1 - 20 who receive dental services - of 12,12, 57% received services (EPSDT Dental Services Rpt, 2009); Percent of children eligible for free or reduced school lunch - 40% (IDOE, 2009); Percent of children enrolled in 1st Five Healthy Mental Development initiative - of 11,727 children ages 0 - 5 - 1.4% referred through participating providers (BHCHD, 2009-10); Percent of Iowa high school students surveyed who smoked a whole cigarette before the age of 13 - 10.4% [146 of 1,407] (Iowa Youth Risk Behavior Survey, 2007); Iowa Mortality rate per 100,000 for female breast cancer by race and education (≤ 12 years</i></p>	<p>Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.</p>	<p>Black Hawk County Health Department</p>	<p>2011</p>
	<p>Perinatal Period - Complete health risk assessments, screening and education. Focus areas include social-behavioral, substance abuse, and general health to identify and provide early interventions to mother and infant throughout the perinatal period.</p>	<p>Allen Women's Health, Covenant High Risk Prenatal Clinic, Pathways Behavioral Services</p>	<p>2011 – 2015</p>
	<p>Pediatrics (Ages 1 - 12) - Complete health risk assessments and facilitate integrated wellness curricula. Focus areas include healthy behaviors, addiction-free lifestyles, nutrition, oral health, anti-bullying, mental health, and fetal alcohol spectrum disorder (FASD).</p>	<p>School Health Providers, Black Hawk County Health Department, Cedar Valley Oral Health Coalition, Pathways Behavioral Services, Community in Schools</p>	<p>2011 - 2015</p>
	<p>Adolescents (Ages 13 - 17) - Complete health risk assessments and facilitate evidence-based health promotion. Focus areas include behavioral health, substance use/abuse, FASD, obesity/pre-diabetes, oral health, reproductive life planning, including Sistas Informing, Healing, Living & Empowering (SiHLE) intervention. Refer also to strategies outlined in the national Healthy Youth/Youth Risk Behavior Survey (CDC, Division of Adolescent School Health, 2009).</p>	<p>School Health Providers, Cedar Valley Oral Health Coalition, Pathways Behavioral Services, Allen Women's Health, Community in</p>	<p>2011 – 2015</p>

<p><i>of education) - African Americans 25.3 compared to 9.7 Caucasians; Income and educational level of women more likely to obtain a mammogram - \$35,000 and college graduate (State Health Registry of Iowa, 2008).</i></p>	<p>Adult (Ages 18 - 64) - Complete health risk assessments and facilitate evidence-based health promotion. Focus areas include cancer, chronic disease, nutrition, co-occurring substance abuse and mental health disorders, FASD, and behavioral/metabolic consequences of sleep deprivation (attention span, weight gain, diabetes risk).</p>	<p>Schools</p> <p>Black Hawk County Health Department, Covenant Medical Center, Allen Hospital, Peoples Community Health Clinic, Iowa State University Extension Services, Black Hawk Grundy Mental Health Center, Pathways Behavioral Services, University of Northern IA Student Health Services.</p>	<p>2011 - 2015</p>
	<p>Older Adult/Geriatric (Ages 65+) - Complete health risk assessments and coordinate with the Iowa Healthy Links (IHL) initiative to facilitate evidence-based health promotion. Focus areas include physical activity, chronic disease, co-occurring substance abuse and mental health disorders, medication management and metabolic consequences of sleep deprivation (weight gain, diabetes risk).</p>	<p>Hawkeye Valley Area Agency on Aging, YWCA of Black Hawk County, Black Hawk County Health Department, Covenant Medical Center, Allen Hospital, Peoples Community</p>	<p>2011 – 2015</p>

		Health Clinic, Iowa State University Extension Services, Veterans' Clinic, Black Hawk Grundy Mental Health Center, Pathways Behavioral Services.	
	Across the lifespan, promote and implement evidence-based health promotion curricula through community partnerships and collaborative fund seeking efforts. Focus curricula include A Matter of Balance, Chronic Disease Self-Management Program (Better Choices Better Health), BASICS/Pick a Better Snack, WeCan! (Ways to Enhance children's Activity and Nutrition), Habits for Healthy Hearts, SiLHE, Sister to Sister, and Freedom From Smoking, CDC Action Guides to Improve Community Health: Diabetes Self-Management Education, School-Based Physical Activity, Social Support for Physical Activity, Healthcare Provider Reminder Systems (Tobacco-Use Education and Treatment to Consumers).	Black Hawk County Health Department, Hawkeye Valley Area Agency on Aging, Retirement Living Communities, Allen Women's Health, Pathways Behavioral Health Services, YWCA of Black Hawk County, Covenant Medical Center, Iowa State University Extension Services, Waterloo Community School District	2011 - 2015
	Across the lifespan, promote culturally appropriate positive messaging at the individual, family, and/or neighborhood level	Black Hawk County Health	2011 - 2015, 2012 - 2013 (CQI team)

	(see also goal #6).	Department facilitated CQI team	
--	---------------------	---------------------------------	--

Goal	Strategies	Who is responsible?	When? (Timeline)
<p>2. Advocate for and develop strategies to address gaps in health promotion and prevention services (Healthy Behaviors). <u>Indicators/Other Data: Percent of adults (total U.S. population) with proficient health literacy - 12%; Percent by racial group below basic health literacy - 41% Caucasian, 35% Hispanic, 19% African American, 5% Other (Nat'l Assessment of Adult Literacy, 2003).</u></p>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and Black Hawk County <i>Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Perinatal Period - explore system barriers related to language, literacy, and transportation.	Allen Women's Health	2012 -2013
	Pediatrics (Ages 1 - 12) - explore system barriers related to transportation for parents of young children, access/time to provide oral and mental health education and referral.	Black Hawk County Health Department, Peoples Community Health Clinic	2011 -2012
	Adolescents (Ages 13 - 17) - explore system barriers related to access for family planning/STI prevention services for minors.	Allen Women's Health	2011- 2012
	Adult (Ages 18 - 64) - explore system barriers related to language and literacy.	Black Hawk County Health Department, Peoples Community Health Clinic	2011 – 2015
	Older Adult/Geriatric (Ages 65+) - explore system barriers related to transportation, home and community-based services, oral health, language and literacy.	Hawkeye Valley Area Agency on Aging, Black Hawk County Health Department, Peoples Community Health Clinic	2011- 2015

Goal	Strategies	Who is responsible?	When? (Timeline)
<p>3. Promote promising and best practices, and/or evidence based injury prevention interventions (Preventing Injuries). <u>Indicators/Other Data:</u> <i>Sustained improvement in exercise levels of (Black Hawk County) total participants in "A Matter of Balance," measured by an overall positive change ($\geq+0.1$) in responses from last class survey to 6-month follow-up - +.34 (Senior Services - Seattle, WA, 2010); additional youth benchmarks to be determined based on outcome measures of evidence-based curricula.</i></p>	<p>Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and Black Hawk County <i>Governing for the Future</i> documents.</p>	<p>Black Hawk County Health Department</p>	<p>2011</p>
	<p>Coordinate with Cedar Valley's Promise - Early Childhood Education Task Team's Child Abuse Prevention Sub-Task Team, Baby Safety Project - to promote child passenger safety; crib; smoke detector use; and other birth - 5 years of age safety initiatives.</p>	<p>Cedar Valley's Promise - Early Childhood Education Task Team - Child Abuse Prevention Sub-Task Team - Baby Safety Project</p>	<p>2011 – 2015</p>
	<p>Implement evidence-based curricula to strengthen parenting skills and family safety (<i>Effective Black Parenting, Living Apart/Parenting Together, Empowering Parents, Parent Connection, and WISE Guys, Take Charge of Your Body</i>).</p>	<p>Family and Children's Council of Black Hawk County, Seeds of Hope</p>	<p>2011 – 2015</p>
	<p>Explore opportunity to re-establish a Black Hawk County Safe Kids Coalition with new partners associated with Cedar Valley's Promise.</p>	<p>Black Hawk County Health Department</p>	<p>2012</p>
	<p>Continue to facilitate CPR/obstructed airway training with Latino mothers of young children.</p>	<p>YWCA of Black Hawk County</p>	<p>2011 – 2015</p>
	<p>Coordinate with local partners of the Iowa Healthy Links to promote the five building blocks of an effective community-based (adult) fall prevention program, including: education about falls/risk factors, exercise programs, medication review, vision exams and home safety assessments/modifications.</p>	<p>Black Hawk County Health Department and Hawkeye Valley Area Agency on Aging</p>	<p>2011 – 2015</p>
	<p>Continue to facilitate, <i>A Matter of Balance</i>, an evidence-based fall prevention intervention, including community capacity</p>	<p>Black Hawk County Health</p>	<p>2011 – 2015</p>

	building through "coach" and "master training" opportunities.	Department and Hawkeye Valley Area Agency on Aging	
	Facilitate education on body mechanics to prevent/reduce injuries in the workplace.	Occupational Health Providers	2011 – 2015

Goal	Strategies	Who is responsible?	When? (Timeline)
4. Support and advocate for strategies to reduce intentional and unintentional injuries (Preventing Injuries).	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Facilitate annual legislative forum and session-related advocacy to promote enhanced and/or new legislation related to unintentional injury prevention.	Black Hawk County Health Department/Board of Health	2011 – 2015
	Continue to offer neighborhood-level initiatives within a target area of the City of Waterloo.	Cedar Valley's Promise, Child and Community Safety Task Team; City of Waterloo - Neighborhood Services	2011 – 2015
	Explore opportunity to re-establish a Black Hawk County Safe Kids Coalition with new partners associated with Cedar Valley's Promise.	Black Hawk County Health Department	2012
	Monitor progress of the Waterloo initiatives of the Iowa Accountability Program/IAP (established to address a disproportionate number of African Americans affected by domestic violence), including improved participant accountability among African American offenders ordered to batterer's education.	Black Hawk County Health Department in coordination with IAP Site Liaison.	2011 - 2015

Goal	Strategies	Who is responsible?	When? (Timeline)
<p>5. Engage community stakeholders in the process of reviewing health data and recommending action such as further investigation, new program efforts, or policy direction (Protect Against Env. Hazards).</p> <p><u>Black Hawk County Indicators/Other Data: Percent of food establishment inspections without critical violations - 62% (BHCHD, 2010); Percent of children screened testing positive for lead poisoning - 3.3% (IDPH Lead Poisoning Prevention, 2010).</u></p>	<p>Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.</p>	<p>Black Hawk County Health Department</p>	<p>2011</p>
	<p>Review and identify relevant data collection for environmentally related illnesses and testing, as well as other sources of data within Black Hawk County.</p>	<p>Black Hawk County Health Department</p>	<p>2011 - 2012</p>
	<p>Analyze data of environmentally related illnesses, testing, and other sources of data within Black Hawk County.</p>	<p>Black Hawk County Health Department, City of Waterloo, other local municipality and state agency representatives, as indicated by data</p>	<p>2012</p>
	<p>Facilitate action plan(s) development in response to data analysis.</p>	<p>Black Hawk County Health Department</p>	<p>2012 – 2013</p>

Goal	Strategies	Who is responsible?	When? (Timeline)
<p>6. Provide clear, culturally appropriate, timely and effective education, information and consultation about prevention, management and control of communicable diseases to the public and health care community (Prevent Epidemics and the Spread of Disease). <u>Black Hawk County</u> <u>Indicators/Other Data:</u> <i>Rate of sexually transmitted infection (includes syphilis, Chlamydia, Gonorrhea) per 100,000 population - 929 as compared to State of Iowa - 371 (IDPH, 2009); Rate of enteric disease (includes E. Coli, Hepatitis A, Salmonella, Shigella) per 100,000 population - 15.6 as compared to State of Iowa - 22 (IDPH, 2009); Percent of children 24 months that are up to date with immunizations - 86.4% (IDPH, 2008); Percent of adolescents ages 13 - 15 that are up to date with immunizations- 98% (BHCHD, 2010).</i></p>	<p>Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.</p>	<p>Black Hawk County Health Department</p>	<p>2011</p>
	<p>Coordinate a quality improvement process team including representatives from Allen Hospital/Iowa Health System, Wheaton Franciscan Healthcare, Peoples Community Health Clinic, Black Hawk County Health Department and respective PR/marketing agencies - to develop and disseminate</p>	<p>Black Hawk County Health Department</p>	<p>2012 - 2013</p>

	standardized communicable disease messages to consumers and health care providers in Black Hawk County, Iowa.		
--	---	--	--

Goal	Strategies	Who is responsible?	When? (Timeline)
7. Maintain communication infrastructure (Prepare for, Respond to, and Recover from Public Health Emergencies). <u>Black Hawk County Indicators/Other Data: Percent of "After Action Reports" identifying communication issues as requiring action plan follow - up - 100% (BHCHD, 2010).</u>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and Black Hawk County <i>Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Collaborate with local multidisciplinary response partners that may affect emergency response for updating and reviewing the response plan, including communication infrastructure, at a minimum of two times per year.	Local Emergency Planning Committee (LEPC), Black Hawk County Health Department, Public Information Officer (PIO) Group	2011 - 2015
	Collaborate, as above, to specifically address action plans for: rumor control, contingent communication plan (when normal systems are inoperable), control for public perception vs. reality, timeliness and inter-agency communications.	Local Emergency Planning Committee (LEPC), Black Hawk County Health Department, Public Information Officer (PIO)	2012 – 2013

		Group	
	Coordinate with goal #6 strategy, above, regarding development and dissemination of standardized communicable disease messages to consumers and health care providers in Black Hawk County, Iowa.	PIO Group	2012 – 2013

Goal	Strategies	Who is responsible?	When? (Timeline)
8. Maintain an information technology infrastructure (Public Health Infrastructure). <i>Indicators/Other Data: Percent progress with Black Hawk County Health Department e-health implementation - 0% (BHCHD, 2010).</i>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Acquire access to an information technology specialist(s) to support the needs of local public health, including infrastructure; website development and maintenance; electronic medical records/e-health exchange; and geographic information system.	Black Hawk County Health Department/Board of Health	2011 – 2012
	Develop a computer infrastructure (state-of-the-art hardware and software) that meets the specifications and compatibility requirements with the Iowa Department of Public Health, other contractors, and community partners, including e-health compliance, to manage and exchange data.	Black Hawk County Health Department/Board of Health, Black Hawk County Information Technology Department, Community in Schools	2011 -2012
	Maintain a computer infrastructure (state-of-the-art hardware and software) that meets the specifications and compatibility requirements with the Iowa Department of Public Health, other	Black Hawk County Health Department/Board	2012 - 2013

	contractors, and community partners, including e-health compliance, to manage and exchange data.	of Health, Black Hawk County Information Technology Department, Community in Schools	
	Develop/review/revise written policies and procedures to assure (a) system security (virus and firewall protection, encryption) to safeguard the privacy of electronically submitted protected health information; and (b) collecting, storing, retrieving, and retaining electronic records.	Black Hawk County Health Department/Board of Health	2011
	Assure transparency in computer applications such as inventory systems and project prioritization.	Black Hawk County Health Department/Board of Health	2013 – 2014

Goal	Strategies	Who is responsible?	When? (Timeline)
9. Secure funding for local public health through federal, state, local and other sources (Public Health Infrastructure). <i>Indicators/Other Data: Percent of local public health grants/contracts funding two or more collaborative partners - 35% (BHCHD, 2010).</i>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Engage the local community to identify health needs and intervention strategies, eliminate duplication of services, and promote an effective continuum of public health services.	Black Hawk County Health Department	2011 - 2015
	Facilitate quality improvement to review current operational processes, costing methodologies, and other strategies to	Black Hawk County Health	2012 – 2015

	promote efficiencies in public health service delivery.	Department	
	Coordinate external funds development in collaboration with the Board of Health, Board of Supervisors, and community partners, with an emphasis on renewable funding options.	Black Hawk County Health Department, Community Collaborators	2011 – 2015
	Maintain compliance with all current funding sources to assure opportunities for continued/increased funding.	Black Hawk County Health Department, Community Collaborators	2011 - 2015
	Advocate for legislation to support comprehensive local public health services.	Black Hawk County Board of Health	2011 – 2015
	Develop an annual budget in compliance with Iowa's Local Public Health Standards.	Black Hawk County Health Department/Board of Health	2014 – 2015

Goal	Strategies	Who is responsible?	When? (Timeline)
10. Assure an adequate public health workforce (Public Health Infrastructure). <i>Indicators/Other Data: Future indicator to be determined.</i>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and Black Hawk County <i>Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Maintain an adequate level of appropriately qualified local staff with the provision of technical assistance, consultation, and resource referral for local public health and the public.	Black Hawk County Health Department, Collaborating Partners	2014 – 2015
	Conduct an assessment at least every five years to determine the workforce necessary to maintain organizational capacity and assure the provision of public health services.	Black hawk County Health Department,	2011 - 2012

		Collaborating Partners	
	Develop a plan, including criteria of evaluation, to respond to the gaps of the workforce assessment.	Black Hawk County Health Department, Collaborating Partners	2012 – 2013
	Evaluate the results of the workforce plan.	Black Hawk County Health Department, Collaborating Partners	2014

Goal	Strategies	Who is responsible?	When? (Timeline)
11. Assure a competent public health workforce (Public Health Infrastructure). <i>Indicators/Other Data: Future indicator to be determined.</i>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and Black Hawk County <i>Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Adopt a public health competency model, i.e. Council on Linkages, Core Competencies, Iowa Learning Mgt System, etc., including specialty competencies, as indicated.	Black Hawk County Health Department/Board of Health	2011
	Prepare a competency assessment program for a) current employees, b) new employees and, c) public health partners, including language for position descriptions, orientation, routine/emerging knowledge and skill development/demonstration.	Black Hawk County Health Department, AFSCME Collective Bargaining Unit	2012
	Implement a base-line competency assessment program for current employees to identify individual and organizational training needs.	Black Hawk County Health Department, AFSCME Collective	2012 – 2013

		Bargaining Unit	
	Implement a base-line competency assessment program for new employees to identify individual training needs.	Black Hawk County Health Department, AFSCME Collective Bargaining Unit	2013
	Invite representatives from community-based agencies to participate in a public health competency assessment program to identify individual and community-level training needs.	Black Hawk County Health Department	
	Develop/implement a multidisciplinary training plan in response to competency assessment, including community-based workshop(s) and evidence-based curricula (at the organizational level) to address local, state, or federal training requirements.	Black Hawk County Health Department/Board of Health	2013 - 2015
	Plan/implement a credentialing process for the local public health workforce consistent with the Iowa Local Public Health Standards.	Black Hawk County Health Department/Board of Health	2013- 2014

Goal	Strategies	Who is responsible?	When? (Timeline)
12. Identify health priorities and develop policy, as it relates to policy and environmental change, using results of the community health needs assessment and report from the designated local public health agency (Public Health Infrastructure). <i>Indicators/Other Data: Percent completion of master plan for complete streets initiative - threshold to be determined.</i>	Complete a cross-walk of this goal to the <i>Iowa/Healthy People 2020</i> and <i>Black Hawk County Governing for the Future</i> documents.	Black Hawk County Health Department	2011
	Promote activities related to the Safe Routes to School (SRTS)	Iowa Northland	2011 - 2013

	initiative.	Regional Council on Governments (INRCOG)	
	Promote implementation of complete streets design to encourage "livable" communities with increased options for non-motorized walking/cycling routes.	INRCOG, City of Cedar Falls	2011 – 2015
	Promote use of the Cedar Valley trail system through the annual <i>Cedar Valley Trails Festival, Trails Summit</i> , distribution of the, <i>Trails and Recreation Guide, Cedar Valley CHANGE: Workplace Resource Guide (non-motorized commutes)</i> and implementation of the <i>CDC Action Guide to Improve Community Health: Places for Physical Activity</i> .	Cedar Trails Partnership, Black Hawk County Conservation Board, INRCOG	2011 – 2015
	Expand the community garden program, including retirement community garden clubs, neighborhood and public gardens.	Iowa State University Extension Services (ISU)	2011 – 2015
	Continue efforts to address food security through expansion of farmer's markets, neighborhood and public community gardens, and access to culturally appropriate foods.	Northern Iowa Food and Farm Partnership (NIFFP), ISU, Iowa Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)	2011 - 2015
	Promote worksite wellness through "wellness ambassadors," annual <i>Live Healthy Iowa 100 Day Challenge</i> initiative & strategies outlined in <i>Cedar Valley CHANGE: Workplace Resource Guide</i> .	Black Hawk County Health Department, ISU	2011 – 2015