

Building a
Healthier
Jackson County

disease prevention

health promotion

protection of the environment



Jackson County Health Department
2015 Annual Report



The Jackson County Health Department (JACOHD) was established as a public health agency in January 1925. JACOHD provides public health services for disease prevention, health promotion and protection of the environment to over 250,000 residents in Jackson County, Missouri.

SERVICE AREA

The health department is responsible for all of Jackson County with the exception of the areas within the city limits of Kansas City and Independence. For purposes of this report, the health department's service area is referred to as Eastern Jackson County (EJC).

MISSION STATEMENT

Jackson County Health Department provides public health services for disease prevention, health promotion and protection of the environment.

VISION STATEMENT

The population in Eastern Jackson County will practice preventative behaviors that there are appropriate, have accessible public health services, with adequate staffing and resources and the citizens will be knowledgeable and proactive about public health and public health policy.

Eligibility criteria for acceptance and participation in the programs of this agency are administered on a nondiscriminatory basis regardless of race, color, national origin, age, sex, religion, genetic information, or disability.



Managed and operated by **TRUMAN MEDICAL CENTERS**

IMPORTANT PHONE NUMBERS

General Information	816-404-6415
Adult Traumatic Brain Injury Program	816-404-9421 or 816-404-8426
Birth/Death Certificates	816-404-6419
Clinical Services	816-404-6416
Communicable Disease and Epidemiology	816-404-6415
Health Education and Promotion	816-404-6450
Immunizations (childhood, adult, and travel)	816-404-6416
Maternal and Child Health Services	816-404-6444
Public Health Emergency Response	816-404-6432
STD Testing	816-404-6416
Show Me Healthy Women Program	816-404-6985
DHSS Emergency/Disease Reporting (24/7)	1-800-392-0272

FOLLOW US ON SOCIAL MEDIA



Charlie Shields

Truman Medical Centers President and CEO

Lynette Wheeler, DNP,
RN, FABC

Truman Medical Centers Lakewood
Chief Operating Officer

Frank White Jr.

County Executive

COUNTY LEGISLATURE

Crystal Williams

2nd District At-Large (2016 Chairwoman)

Theresa Galvin

6th District (2016 Vice Chairwoman)

Garry J. Baker

1st District At-Large

Tony Miller

3rd District At-Large

Scott Burnett

1st District

Alfred Jordan

2nd District

Dennis Waits

3rd District

Dan Tarwater III

4th District (2015 Chairman)

Greg Grounds

5th District

Letter from the Director



Bridgette Casey, MPH, CHES
Health Director

Welcome to the Jackson County Health Department's annual report for 2015. The following pages offer a brief review of the many accomplishments of the Health Department during 2015.

Highlights during 2015 include:

- Completed the 2015 Community Health Assessment. The assessment will be used as a community resource/tool to address the health needs in the Eastern Jackson County community.
- Sought innovative ways of increasing revenue to save local tax funds. The Health Department increased the number of commercial insurance plans that we can bill for immunization services. This is an increasing proportion of our budget.
- Improved communication, education, and advocacy to the public through the use of a variety of social media platforms, including Facebook, Twitter, and YouTube.
- Received funding from the National Association of County and City Health Officials to engage and collaborate with healthcare providers and local stakeholders in an action planning process to increase HPV vaccination rates in Jackson County.

In 2016, we will use the findings from the 2015 Community Health Assessment to engage the community in the identification of appropriate strategies and best practices from the Prevention Institute, the Centers for Disease Control and Prevention and the National Association of County and City Health Officials to help facilitate change in our community.

With the help of community leaders and partners, together we can build a healthier Jackson County.

A handwritten signature in black ink that reads "Bridgette Casey". The signature is written in a cursive, flowing style.

Bridgette Casey, MPH, CHES
Health Director



2015 Community Health Assessment

Community Demographics

- **Eastern Jackson County Population**
255,613; 48% male, 52% female
- **Race/Ethnicity**
83% White, 11% Black, 3% Other races, 3% Multiracial
- **Poverty**
9% of EJC residents live below poverty level
- **Education**
29% of EJC residents have a Bachelor's Degree or higher
- **Uninsured**
11% of EJC residents do not have health insurance



Community Identified Public Health Concerns

- **Distracted Driving**
95% of adult residents thought texting and driving was highly dangerous
34% of adult residents reported texting or emailing while driving in the past 3 months
78% of adult residents reported interacting with people who text/email while driving
- **Overweight and Obesity**
44% of adult residents are overweight
36% of adult residents are obese
- **Tobacco Use**
17% of adult residents are current smokers

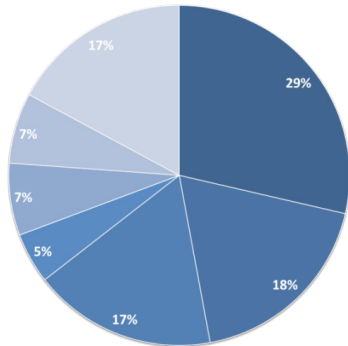
Top 5 Leading Causes of Death in Eastern Jackson County

1. Heart Disease
2. Cancer
3. Chronic Lower Respiratory Disease
4. Lung Cancer
5. Stroke

The majority of the community identified public health concerns and the leading causes of death are associated with similar lifestyle and behavioral risk factors, such as a poor diet, physical inactivity, using or being exposed to tobacco products, and excessive alcohol use.

Administration

2015 Fiscal Year Revenue



- Local Taxes
- DHSS (Federal Grants)
- DHSS (State Grants)
- Insurance Billing
- Local Grants
- Other Sources
- Vital Records

2015 Fiscal Year Budget

The Jackson County Health Department's budget during the 2015 fiscal year totaled \$2,228,957.

The Health Department relies heavily on local, state, and federal grants to provide essential public health services in the community. In 2015, the Health Department received \$952,128 from local, state, and federal grants.

During the 2015 budget year, the Health Department sought additional revenue opportunities through increasing the number of private insurance companies that we could bill for immunization services. There was a 491% increase in revenue from insurance billing from the 2014 to 2015 budget year.

Quality Improvement Activities

Utilizing Technology to Improve Tuberculosis (TB) Control Procedures

Developed new policy and procedure to conduct TB monitoring by real-time Video Observational Therapy (VOT) through use of technology, such as Facetime and Skype. Many other health departments in Missouri have switched to this program which has provided cost-savings to their organization while still assuring that our TB clients are adhering to their prescribed treatment plan. In 2016, the average estimated cost savings per active TB client is \$1,770.



Credentialed to Bill Private Insurance Companies for Immunization Services

The Jackson County Health Department added 12 additional commercial insurance plans in 2015. Most major insurance plans are now accepted for immunization services. For a complete list of accepted insurance plans, please visit our website at www.jacohd.org.

Communicating, Educating, and Advocating Through Social Media

Social media plays a vital role in public health and is a strong tool for advocacy, communication, and education. In October 2015, the Jackson County Health Department was able to capitalize on these critical communication tools through the addition of a Facebook, Twitter, and YouTube page. In a short three months, the health department's Facebook page grew to 626 "likes" and reached an average of 472 people every day. The JACOHD Twitter page "tweeted" a total of 41 times, gaining 42 "followers" in just three months. Although there was only one video produced for the JACOHD YouTube page in 2015, that one video was watched 126 times. Social media has changed health monologue to dialogue, where anyone and everyone throughout Jackson County can engage and interact with the JACOHD.



Health Promotion

The Jackson County Health Department promotes healthy lifestyles using multilevel interventions that target individuals and the social and physical environment through health education and community development.

Increasing Access to Healthy Foods

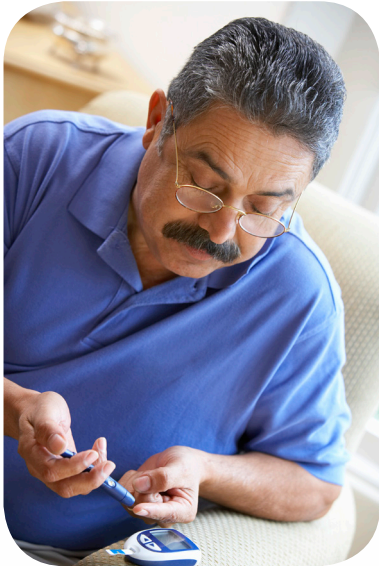
- Staff added 26 additional community garden beds in Sugar Creek, Meadowmere Park in Grandview, and Grain Valley. This brings the total number of plots to 98 plots in over 14 different locations.
- Partnered with Grain Valley Parks and Recreation and Sugar Creek Parks and Recreation to implement the Eat Smart in Parks program at selected locations within each city. The Eat Smart in Parks program is a statewide effort to promote healthier eating options in Missouri's state and local parks.
- Staff worked with 3 local corner stores in the city of Raytown to begin the Stock Healthy, Shop Healthy program. Stock Healthy, Shop Healthy improves access to fresh fruits and vegetables and other healthy food options for local community members.

Improving School Wellness Programs

Assessed and developed school wellness policies and programs at St. John Lalande (Blue Springs) and Hazel Grove Elementary (Lee's Summit).

Approximately **750** students
and **80** faculty/staff impacted
by school wellness policies





Chronic Disease Self-Management Programs

- Chronic Disease Self-Management Program (CDSMP) was offered 1 time at a senior facility in Blue Springs. CDSMP is a workshop for individuals with a chronic health condition or caretakers of individuals with chronic health conditions that meets for two and a half hours, once a week, for six weeks. The goal of the program is for participants to walk away with the tools to manage any chronic condition.
- Diabetes Self-Management Program (DSMP) was offered 2 times at community centers in Raytown. DSMP is a workshop for individuals or caregivers of someone with Diabetes, primarily Type 2 Diabetes, to learn tools for managing their Diabetes. This program meets for two and a half hours, one day a week for six weeks.
- The American Lung Association Gold Standard in tobacco cessation programs, Freedom From Smoking, was offered 5 times at senior facilities and community centers in Kansas City, Blue Springs, and Raytown. This program meets for one hour once per week for seven weeks and walks the participants through the process of quitting smoking.

Reducing Tobacco Use among Youth

- Partnered with the Independence Youth Court to provide a 1 hour tobacco education class once a month at no cost. Independence Youth Court is a COMBAT funded program.
- Endorsed the Tobacco 21|KC campaign by Healthy KC to encourage cities in the KC metropolitan area to increase the minimum age of sale and purchase of tobacco products, e-cigarettes, vapor products, and paraphernalia from 18 to 21.
- Partnered with the Grandview Teen Council and Lee's Summit North High School to prevent and decrease youth tobacco use in MO and increase youth leadership skills in comprehensive tobacco control in Eastern Jackson County.



Communicable Disease & Epidemiology

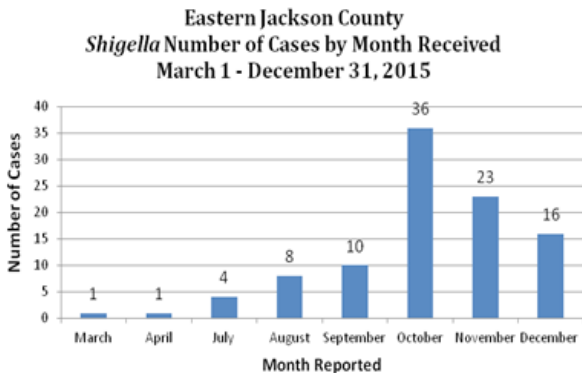
Disease Investigations

The Communicable Disease and Epidemiology staff investigates reported communicable diseases such as chickenpox, measles, mumps, German measles, Salmonella, and whooping cough to help identify and control the spread of communicable diseases within the community.

In 2015, communicable disease staff processed 3,268 disease reports. In addition to the Shigella outbreak, staff investigated two outbreaks and one cluster involving 57 ill persons.

Shigella Outbreak

Responded to a regional outbreak of Shigella. Communicable disease staff sent letters and fact sheets to daycare providers and healthcare providers regarding the prevention, causes, signs and symptoms, and treatment of Shigella. Staff used this as an opportunity to educate local providers on the importance of timely communicable disease reporting.



Typically, the vast majority of Shigella cases are seen in preschool-aged children. However, in this outbreak, 1/3 were

school-aged children and teenagers (42% were <5 years old, 33% were 6-18, and 25% were 19-54). In addition, 55% were females and 45% were males.

Tuberculosis (TB) Control Measures

In 2015, staff followed-up with seven active TB clients, one TB client with an active TB infection not found in the lungs, and provided preventive TB medication to three children that were exposed to active TB. Staff conducted 282 monthly assessments and provided preventive TB medications to latent TB clients.

Staff conducted Directly Observed Therapy (DOT), which is the visual monitoring by a JACOHD nurse of a TB client ingesting their medication to ensure treatment compliance. In 2015, staff conducted 577 Directly Observed Therapy (DOT) home visits for active TB cases and 275 latent TB infection assessments.

Monitoring for Ebola and Lassa Fever

The Centers for Disease Control and Prevention required public health to monitor travelers without fever or symptoms consistent with Ebola for 21 days from the date of their departure from West Africa. Jackson County Health Department monitored four travelers that returned from West Africa for symptoms of Ebola. In addition, the health department was required to monitor three laboratory scientists for Lassa Fever for 21 days.

Monitored 7 individuals
for 21 days





Breast & Cervical Cancer Program

Program Overview

The Show Me Healthy Women (SMHW) program is a statewide program funded by the CDC which provides education, screening, re-screening, diagnostics and case management related to breast and cervical cancer for uninsured or low-income women ages 35-64.

The WISEWOMEN (WW) program is an extension of the SMHW and focuses on cardiovascular disease risk factor reduction. Clients work with lifestyle counselors to determine their lifestyle behavior patterns focusing on changes with nutrition, physical activity, and smoking behaviors. WISEWOMAN serves women ages 40-64 receiving well women services from Show Me Healthy Women.

Show Me Healthy Women (SMHW) Program Northwest Region

	# of Women Seen	# of Cancer Diagnoses
screenings	1,283	—
breast cancer diagnosis/treatment	414	23
cervical cancer diagnosis/treatment	66	3
total	1,763	26



Services provided through SMHW and WW:

- Breast and cervical cancer screening exams (mammograms, Pap smears, and clinical breast exams)
- Cardiovascular screening exams (body mass index, blood pressure, total cholesterol, blood glucose)
- Diagnostic and treatment services are available to women who are found to have an abnormality through screening
- Case management/follow-up for all clients
- Intervention/education coordination for group or individual sessions focusing on changing behaviors in reducing cardiac risk factors such as smoking cessation, increase physical activity, decrease fat intake, increase fruit and vegetable consumption.

Adult Traumatic Brain Injury (TBI) Program

Program Overview

The goal of the Adult Head Injury Program is to help Missouri residents, who have sustained a traumatic brain (head) injury, in locating, coordinating, and purchasing rehabilitation and psychological services, including:

- Evaluation and assessment of needs
- Information and education on the causes/effects and prevention of a TBI
- Service plan of interventions to meet the individuals needs
- Assistance in locating/assessing services such as: medical care, housing, counseling, transportation, rehabilitation, vocational training, and annual evaluations and updates

Adult Traumatic Brain Injury Program Northwest Region

City	Clients Served
Blue Springs	3
Grandview	1
Independence	18
Kansas City	36
Lee's Summit	7
Raytown	6
Other Counties	20
Total Clients Served	91

Traumatic Brain Injury Assistance

- Developed and implemented a new Brain Injury Survivors group that started in July and takes place the second Thursday of every month at The Whole Person in Kansas City.
- Prepared for the launch of a new pilot program with the Department of Corrections to refer possible TBI clients to the program. This has potential to significantly impact the Coordinator's caseloads and client's reached.
- Attended 7 seminars and conferences to provide resources and education about the program to approximately 2000 people.
- Participated in a proclamation signing with Mayor Weir of Independence in March in recognition of Brain Injury Awareness Month



Mayor Weir signing a proclamation in recognition of Brain Injury Awareness Month

Vital Records

The Vital Records department is responsible for registering/filing death certificates for all deaths that occur in Jackson County outside of Kansas City, MO.

Certified copies of birth certificates can be obtained through this department to people born anywhere in Missouri after 1920, or certified copies of death certificates for people that have died anywhere in Missouri after 1980.

Vital Records			
Service	2013	2014	2015
Death Certificates filed	1,109	1,035	1,050
Certified Copies of Birth Certificates	13,585	12,092	11,706
Certified Copies of Death Certificates	18,666	18,465	20,440
Total	33,360	31,592	33,196



Maternal and Child Health

Focusing on Injury Prevention

The maternal and child health program is focused on injury prevention in the 1st year of life.

- In 2015, the Jackson County Health Department expanded the car seat program by using grant funds to secure large quantities of car seats to help meet the needs of Jackson County resident. JACOHD worked with community partners to provide car seat education, to install 73 car seats, and to provide 46 free car seats to qualifying families. JACOHD has two trained child passenger safety technicians on staff to assist the public with current and accurate car seat information.
- Started the Cribs 4 Kids program. The program provides pack-n-plays to qualifying families after they have attended a safe sleep education class. Ten safe sleep classes were held, 9 cribs were distributed to qualifying families, and 78 people were trained on the principles of safe sleep.
- Infant CPR was also provided to 21 adults during the year.
- In December 2015, 31 safety bags were distributed at immunization clinics for newborns up to 12 months of age. The bags include a variety of safety items such as sleep sacks, cabinet locks, outlet covers and furniture straps.



Teen Pregnancy Prevention

The Becoming a Responsible Teen (BART) is a group-level, education and behavior skills training intervention designed to reduce risky sexual behaviors and improve safer sex skills among adolescents. This evidence-based intervention was provided to 13 participants at Hilltop Residential Center. Each session was 1.5 hours long and met for 1 session per week for 8 weeks. Each week focused on a different theme such as assertive communications, HIV/AIDS statistics and facts, understanding personal values, and role playing on how to communicate effectively with a partner.

Child Care Health Consultation Program

The Maternal and Child Health program is responsible for providing childcare provider training and children's health promotion classes to all of Jackson County (exception: City of Independence). Classes for providers cover health and safety topics i.e. safe sleep, emergency preparedness, communicable disease. Classes for children cover physical activity, nutrition, hand hygiene, poison prevention, and healthy smiles to name a few.

Local Sanitation of Childcare Facilities

The Jackson County Health Department staff conducted sanitation inspections for state licensed childcare facilities in Eastern Jackson County. In 2015, staff conducted 124 inspections and 55 re-inspections.





Emergency Preparedness

The goal of the Emergency Preparedness and Response Initiatives is to assist Eastern Jackson County in protecting the health and safety of all residents should a natural or deliberate public health emergency affect the community.

A public health emergency is any threat to the public's health or safety such as a naturally occurring infectious disease epidemic; an earthquake, flood or any natural disaster; a bioterrorism attack or any event that has the potential for significant health impact to the community.

2015-2016 Focus Areas

The Emergency Preparedness staff focused on the following public health capabilities:

- Non-pharmaceutical Interventions
- Public Health Laboratory
- Surveillance and Epidemiology Investigations
- Volunteer Management

Preparing for Emergencies by Exercising Plans

The Jackson County Health Department staff participated in the following emergency preparedness exercises in 2015:

- Missouri Disaster Response Mass Casualty Exercise
- State Emergency Management Agency ChemPack
- Regional Functional Needs exercise
- Kansas City Lifeline Infrastructure Stabilization Regional exercise

Awarded Ebola Preparedness Grant

JACOHD will be receiving approximately \$27,000 from the Department of Health and Senior Services for Ebola preparedness activities. This is a multi-jurisdictional grant that includes the Jackson, Cass, Clay, Platte, Independence, and Kansas City Health Department.

JACOHD will be taking the lead in evaluating the region's surveillance and epidemiological capacity to conduct disease surveillance and respond to outbreaks. We will also be developing a Just-in-Time training video related to surveillance.

Clinical Services

Clinical Services

- Immunized 5,481 clients and administered 8,752 vaccines.
- Conducted lead case-management for children <5 with elevated lead levels. Staff provided education resources to families, connected families to resources for home inspections, conducted follow-up with the child's healthcare provider, and tracked each child until their lead levels were within a normal range. Clinical nurses had 140 encounters with families to ensure a safe environment for them and their child.
- Provided sexually transmitted disease (STD) prevention services, including confidential STD and HIV testing, risk reduction counseling, and treatment.
- Offered monthly offsite clinics in various locations across Eastern Jackson County, including Blue Springs, Buckner, Grain Valley, Grandview, Greenwood, Lee's Summit, Lone Jack, Oak Grove, and Raytown. In addition to the regularly scheduled offsite clinics, the Health Department offered 10 back-to-school walk-in clinics in Oak Grove, Grain Valley, Blue Springs, Grandview, and Lee's Summit.

Clinic Services	
Service	2015
Immunizations Given	8,752
Pregnancy tests	49
TB skin tests	1,130
Lead Case Management	140
HIV/Syphilis tests	320
STD clients	699

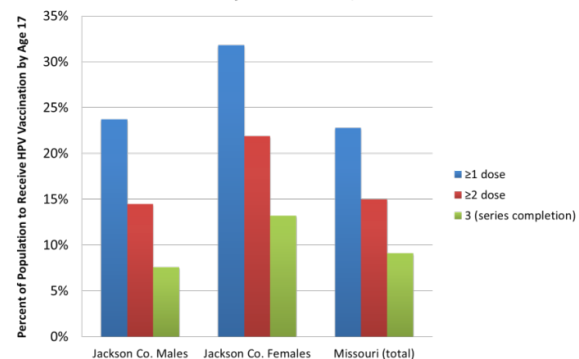
Education and Clinical Outreach in the Community

- Provided 205 blood pressure checks at community and senior centers in Grandview and Buckner.
- During the 2015-2016 influenza season, 30 offsite influenza immunization clinics were held at local businesses, community service organizations, homeless shelters, and schools.
- Provided hearing, vision, and scoliosis screenings to 63 students at Summit View Adventist (Grandview), Timothy Lutheran (Blue Springs), Secondary Missionary Baptist (Grandview), and Grandview Christian.
- In preparation for the 2016-2017 new school immunization requirements, staff conducted 22 school-based clinics at six school districts to provide Tdap and Menactra to incoming 8th graders.
- Taught sexually transmitted disease prevention classes to 461 high school students at the Blue Springs and Fort Osage School Districts.

Collaborating to Increase HPV Vaccination Rates

The Jackson County Health Department was one of ten health departments in the country to receive the National Association of County and City Health Officials grant, Supporting Local Health Departments to Increase HPV Vaccination Rates. The health department will engage and collaborate with healthcare providers and local stakeholders in an action planning process to increase HPV vaccination rates in Jackson County. The action planning meeting with our stakeholders will take place in March 2016 and the final action plan will be submitted by the end of June 2016.

Number of Doses of HPV Vaccine Received by Age 17 in Jackson County and Missouri, November 2015





Staff Recognitions

Benedictine University

Master of Public Health

Blue Springs School District Health Advisory Committee

Department of Health and Senior Services

Advisory Committee on Childhood Immunizations, Member

Early Educators Conference

Planning Committee, Member

Presenter

Educare Conference

Presenter

Grain Valley School District Health Advisory Committee

Greater Kansas City Medical Reserve Corps Advisory Board

Health Care Foundation of Greater Kansas City

Healthy Communities Leadership Academy Graduate

Healthy Communities Leadership Academy Participant

Healthy Communities Leadership Academy Participant

Lee's Summit Chamber Health Care Committee

Lee's Summit Health Education Advisory Board

Maternal and Child Health Coalition

Breastfeeding Collaborative, Worksite Lactation Workgroup, Member

Strategic Planning Committee, Member

Safe Sleep Task Force, Member

Metropolitan Official Health Agencies of the Kansas City Area

Mid-America Immunization Coalition, Steering Committee

Missouri Center for Public Health Excellence, Board Member

Missouri's Council for Public Health Nurses, Board Member

Missouri Public Health Association

Edna Dell Weinel Scholarship

Health Professional Scholarship

NW Chapter Treasurer

NW Chapter Vice President

Missouri Rehabilitation Association

Board Member

Board Member

National Commission for Health Education Credentialing

Certified Health Education Specialist

Raytown School District Safety Committee

Regional Kansas City Volunteer Organizations Active in Disaster, Member

Truman Medical Center- Lakewood

Hospital Based Council

Hospital Based Council

University of Central Missouri

Bachelor of Science in Nursing

Bachelor of Science in Nursing

University of Missouri

Master of Public Health

Master of Public Health

Ray Dlugolecki, MPH

Jean Raveill, BSN, RN

Sharon Engelman, BSN, RN

Kristin Schlenk, M.Ed, CHES

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Jean Raveill, BSN, RN

Rhonda Charboneau, RN

Bridgette Casey, MPH, CHES

Amanda Grodie, MPH, CHES

Ray Dlugolecki, MPH

Bridgette Casey, MPH, CHES

Sara Walz, BSN, RN

Kristin Schlenk, M.Ed, CHES

Ellen Dorshow-Gordon, MPH

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Elizabeth Groenweghe, CHES

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