



## MINUTES OF BOARD OF HEALTH MEETING

May 1, 2019

Call to Order: Meeting was called to order by Chair Peer at 6:00 p.m.

Board of Health Members Present: Supervisor Peer, Dr. Meyers, Supervisor Gramke, Supervisor Rynes, Ms. Wade, and Mr. Gresens.

Board of Health Members Absent: Dr. Winter and Dr. Somaraju.

Staff Members Present: Marie-Noel Sandoval – Health Officer; Rick Wietersen – Environmental Health Director; Nick Zupan – Epidemiologist; Adrijana Pusnik – Health Educator; and Jessica Turner – Administrative Services Supervisor.

Others Present: Rosangela Grado - Beloit Memorial High School, Ayanna Saari - Beloit Memorial High School, and Nate Jackson - Janesville Gazette.

### Adopt Agenda

Ms. Wade made a motion to adopt the agenda. Supervisor Rynes seconded the motion. MOTION APPROVED.

### Approval of Minutes – 4/3/19

Mr. Gresens made a motion to approve the minutes of the 4/3/19 Board of Health meeting. Supervisor Gramke seconded the motion. MOTION APPROVED.

### Citizen Participation

Chair Peer welcomed the guests. The Beloit Memorial High School students explained that they are attending the meeting to fulfill a requirement for their American Democracy class.

### New Business

#### Administrative Division

#### Review of Payments

The Board reviewed the Health Department's April payments in the amount of \$7,984.07.

#### Transfer of Funds over \$5,000

None at this time.

## **Health Department Report**

### In the News

Ms. Sandoval thanked the Board of Health members for their service on behalf of the Rock County Public Health Department. She announced that Mr. Gresens, Ms. Wade, Dr. Somaraju, Dr. Meyers, and Dr. Winter recently accepted reappointment to the Board.

Ms. Sandoval reported that measles outbreaks are continuing with over 700 cases nationwide. There have been no cases reported in Rock County or Wisconsin. Many of the infected children and adults were not immunized. Rock County has approximately 500 students with immunization waivers. Ms. Sandoval told the Board that the Janesville Gazette has been running stories almost daily and doctors have been increasing their testing. Supervisor Gramke asked what the reason is for the waivers. Ms. Sandoval replied that some are for religious or medical reasons, but some are due to misinformation about vaccines. Supervisor Gramke asked if schools can choose whether or not to require vaccines. Ms. Sandoval replied that children attending schools and daycares are required to have immunizations or a waiver. Ms. Sandoval added that the Public Health Department has the authority to quarantine infected patients if needed. Mr. Gresens asked if the Rock County Public Health Department has the manpower to handle an outbreak. Ms. Sandoval assured him that there are plans in place and mass clinics have been conducted in the past to prepare staff for such an incident. Ms. Wade asked if the Public Health Department provides vaccinations. Ms. Sandoval replied that the Public Health Department currently provides vaccines through the Vaccines for Children program to uninsured and those that have insurance that doesn't cover vaccines. The Board members continued to discuss messaging, communication, and vaccine requirements.

Ms. Sandoval told the Board that the State Department of Health recently announced the winners of the annual Big Shots Award. This honor is awarded to provider offices that have high immunization coverage rates for their two-year-old and/or teenage clients. SSM Health Dean Medical Group - Evansville received this award for the second year in row. Ms. Sandoval said that the Public Health Department will send out a press release and she will call to congratulate them.

Ms. Sandoval told the Board that Mr. Wesson was quoted in the Janesville Gazette early in the month. The article was about lead poisoning associated with lead paint.

According to Ms. Sandoval, Public Health employees spoke on WCLO's Afternoon Chat and the Healthful Hints article featured Healthy Corner Stores. The May Healthful Hints article will discuss pollens, allergens, and asthma.

The Board members further discussed vaccination waiver rates and the possibility of a formal Resolution.

Ms. Sandoval said that the Legislature Budget priorities by County were announced.

### Surveillance

Ms. Sandoval told Board members that the flu and associated hospitalizations have started to decrease. This has been the longest flu season at 21 weeks according to the CDC. Wisconsin has had a third infant death this year related to the flu.

According to Ms. Sandoval, there has been another positive case of the mumps. There was also a cryptosporidium outbreak at a daycare and enteric outbreaks at nursing homes.

Ms. Sandoval told the Board that abatement orders had been issued for a meth lab.

#### Community Events/Outreach

Ms. Sandoval said that Public Health employees participated in the Blackhawk health fair.

Mr. Wietersen told the Board that the Wisconsin Department of Natural Resources and the Wisconsin Department of Health Services will be visiting tomorrow to discuss lead, primarily as it relates to water for municipalities. On May 29<sup>th</sup>, the state groundwater task force will be coming to Janesville. Supervisor Rynes asked how someone would find out if there are lead pipes in a home and if there is money available to help replace them. Mr. Wietersen replied that the cities would have information and could potentially set up funding for replacement.

#### Budget

Ms. Sandoval told the Board that the FY2018 budget has been wrapped up and she will report on it later in the meeting as part of the annual report.

#### Personnel

According to Ms. Sandoval, Falcia Martinez will be starting on April 25<sup>th</sup> as a Public Health Nurse. There is one additional Public Health Nurse position and a Public Health Nurse Supervisor position open. These listings have been reopened.

Ms. Sandoval announced that Josh Shere passed his Registered Sanitarian exam. Currently only one Environmental Health Specialist on staff is not registered. She is waiting for eligibility to take the exam.

Supervisor Gramke asked Ms. Sandoval about the largest expense from last month, the Havrix vaccine. Ms. Sandoval replied that this vaccine is for protection against hepatitis A. She stated that the Public Health Department has a team of staff members that evaluate and determine how much vaccine to order.

#### **Nitrate Risk Tool Presentation**

Mr. Zupan gave a PowerPoint presentation and demonstration of the Nitrate Risk Tool that has recently been added to the Rock County Public Health Department website (see attached). The link to the Nitrate Risk Tool on the website is as follows. <http://www.co.rock.wi.us/publichealth-environmental/nitrates/risk-mapping-tool>

The Board asked questions about the website. Mr. Zupan stressed that the main message is to encourage people to test their well water to find out if nitrate levels are high. Supervisor Gramke asked about municipal water. Mr. Wietersen explained that some municipalities have had issues with shallow wells and needed to dig deeper wells. They generally blend the water from the two wells to bring the nitrate level below 10ppm. In response to further questions from the Board, Mr. Wietersen informed them that bathing in water high in nitrates has not been found to be a risk. Drinking water that is high in nitrates is more dangerous for children and pregnant women. He thinks that researchers will find that nitrates are a bigger issue than previously thought. Chair Peer asked about blue baby syndrome. Mr. Wietersen explained that nitrates change to nitrites which can also be part of one's diet. When nitrites in a baby's diet are added to high groundwater nitrates, there can be a decrease in the ability of the blood to carry oxygen, causing the baby to appear blue. Mr. Wietersen added that small grants

often lead to small projects making it difficult to continue and follow through. He gave kudos to Mr. Zupan for getting this project to the point of relaying information to the public. Mr. Zupan added that the Public Health Department will be promoting the Nitrate Risk Tool through avenues such as social media and press releases. Supervisor Gramke asked if there is testing done on bottled water to check for nitrates. Mr. Wietersen responded that the State does some random testing on bottled water from in and out of state bottling companies. There are also self-monitoring systems in place.

### **Annual Report Presentation**

Ms. Sandoval gave a PowerPoint presentation on the 2018 Rock County Public Health Department Annual Report (see attached).

### **Communications and Announcements**

Chair Peer announced the pre-budget meeting dates:

- 6/10 at 8:00 am for the finance department at the Courthouse
- 6/24 for Human Services at the Courthouse
- 7/1 for Public Health and Rock Haven at Rock Haven
- 7/8 for the Sheriff's Department at the Sheriff's Department
- 7/29 for Public Works and the Airport at the Airport

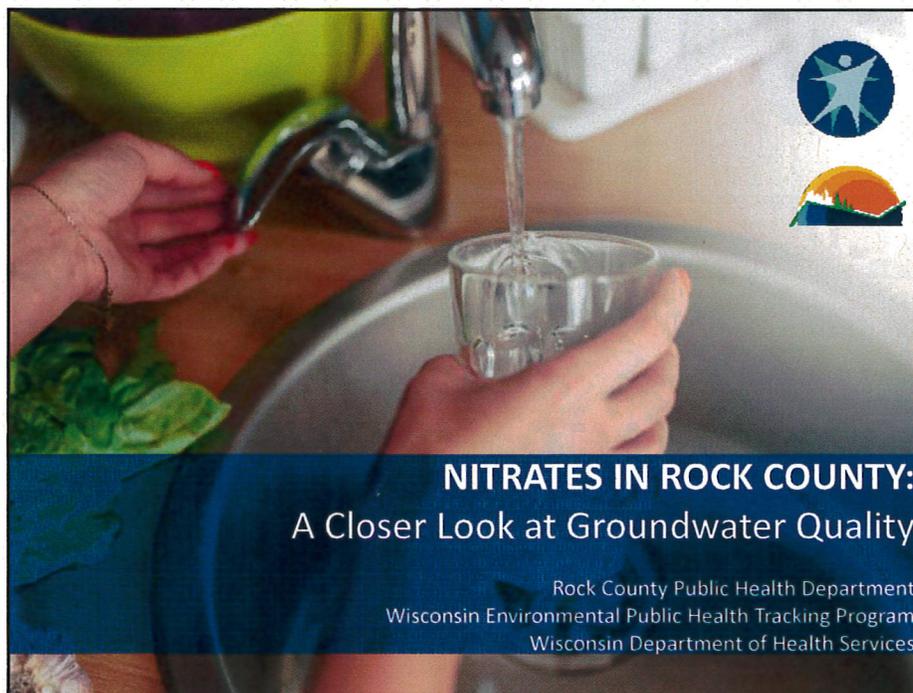
### **Adjournment**

Supervisor Gramke made a motion to adjourn the meeting. Dr. Meyers seconded the motion. MOTION APPROVED. Meeting adjourned at 7:20 p.m.

Respectfully Submitted,

Jessica Turner, Recorder

Not Official Until Approved by the Board of Health



Wisconsin Environmental Public Health Tracking Program

Nick Zupan, MPH  
Epidemiologist  
Rock County Public Health Department



Rick Wietersen, MS, RS  
Environmental Health Director  
Rock County Public Health Department

## DRINKING WATER IN THE NEWS

**Tony Evers declared 2019 'the year of clean drinking water.' Here's the task he faces in Wisconsin**

Lee Bergquist and Mary Spicuzza, Milwaukee Journal Sentinel | Published 7:00 a.m. CT Jan. 25, 2019 | Updated 8:16 a.m. CT Jan. 25, 2019

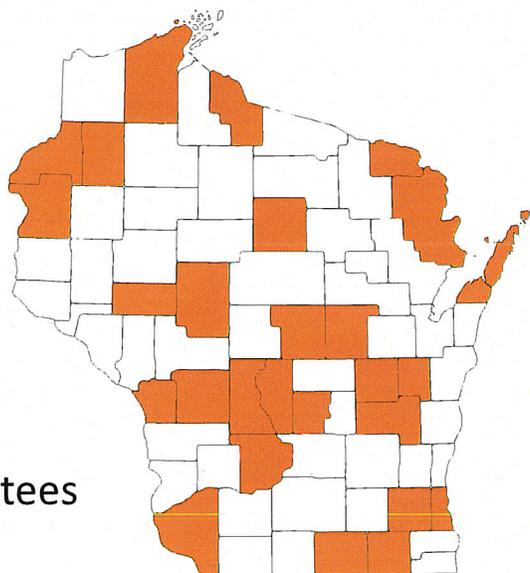
**Journal Times editorial: Bipartisan action on state's drinking water is welcome**

The Journal Times Editorial Board | Feb 14, 2019

**IN DEPTH: Wisconsinites fight for quality water**

JANE EHRMAN, jekate@wiscnews.com | Feb 6, 2019 | 5 min to read

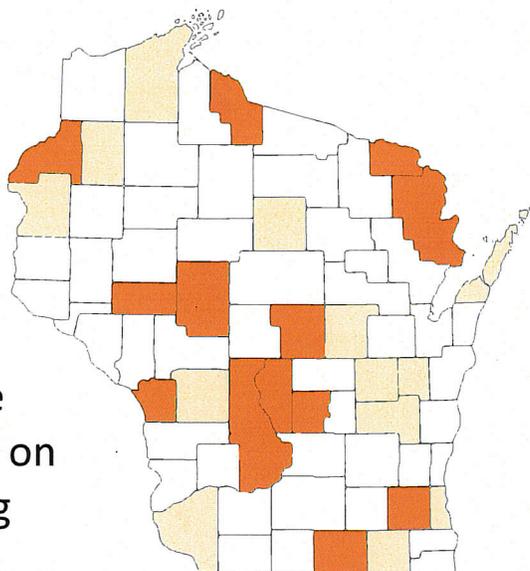
## PAST AND CURRENT GRANTEES



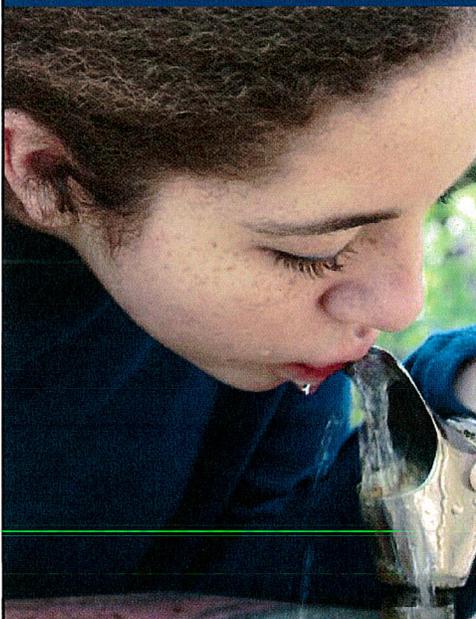
31 grantees

### PAST AND CURRENT GRANTEES

11 have worked on drinking water



### ROCK COUNTY



**Environmental Public Health Tracking  
Grantee: 2015-2016, 2016-2017**

**National Environmental Health  
Association Tracking Mentorship Grant:  
2018-2019**



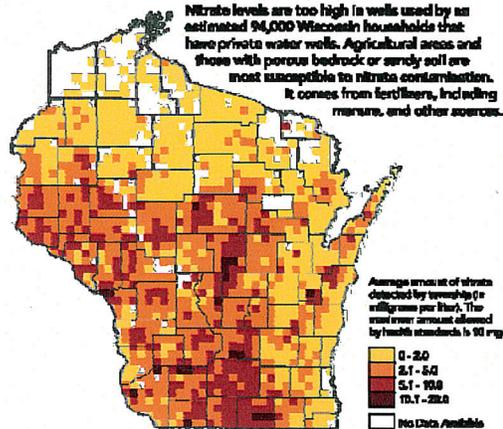
## Rock County Nitrate Tracking Projecting

Nitrate identified as a priority

Modeling nitrate risk

Making data available to the public

### Nitrate in drinking water around Wisconsin



CREDIT: Katie Kowalski/Research Center for Investigative Journalism  
 SOURCE: Well Water: County-Wide University of Wisconsin-Stevens Point Center for Watershed Science and Education. Private Drinking Water Quality in Rural Wisconsin. Journal of Environmental Health, 2012.

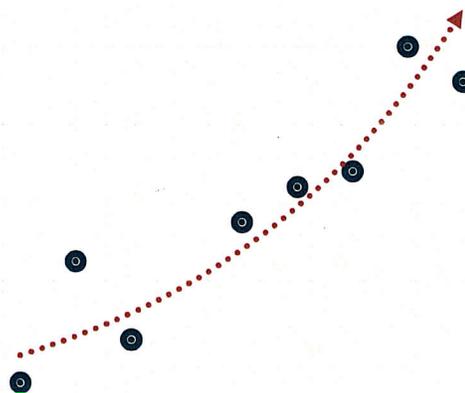
## Rock County Nitrate Tracking Projecting

Nitrate identified as a priority

Modeling nitrate risk

Making data available to the public

### Nitrate Estimates

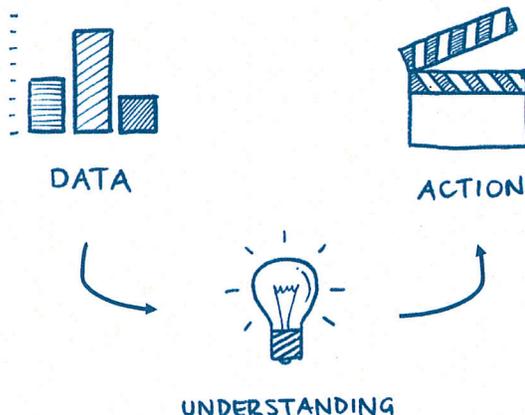


## Rock County Nitrate Tracking Projecting

Nitrate identified as a priority

Modeling nitrate risk

Making data available to the public



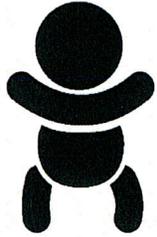
## NITRATE IS A PRIORITY IN ROCK COUNTY



# 30%

Of private wells test above the EPA's maximum contaminant level (10 ppm)

HEALTH ISSUES ASSOCIATED WITH NITRATES



Blue-baby  
syndrome

Thyroid  
Problems

Cancer

HOW CAN WE BETTER UNDERSTAND THE ISSUE?

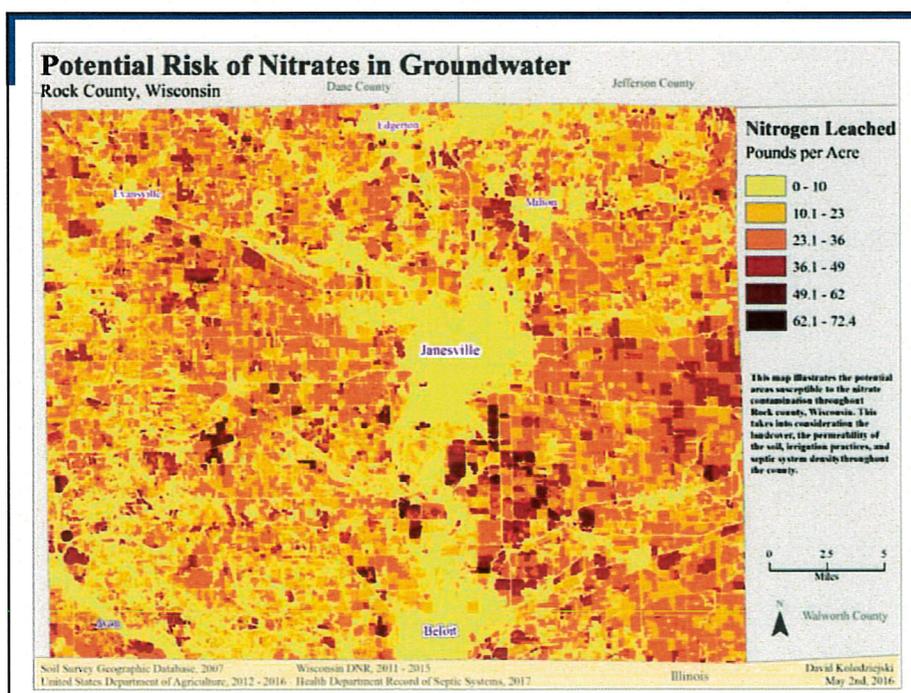


UNIVERSITY OF WISCONSIN  
WHITEWATER

### MODELING NITRATE RISK TO GROUNDWATER IN ROCK COUNTY

Students identified 4 main risk factors for nitrates in groundwater:

- Land cover
- Septic system density
- Soil properties
- Irrigation



## Nitrate Mapping Application

### NEXT STEPS

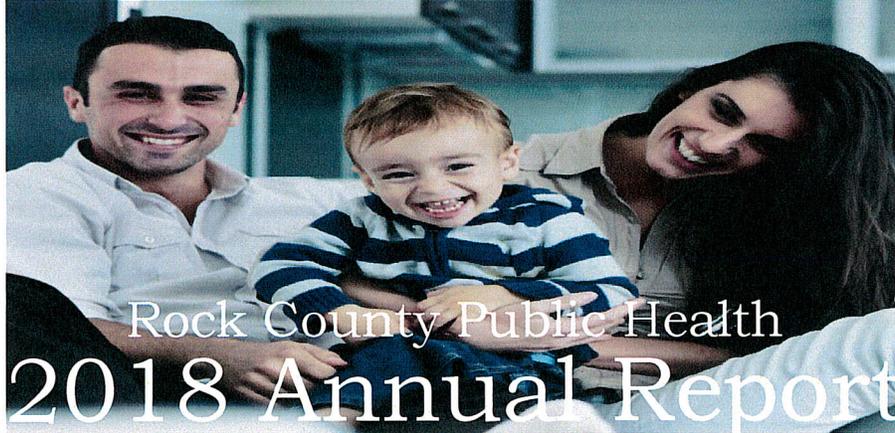


- LIVE ROLL-OUT OF WEBSITE
- PROMOTION OF WEBSITE
- TRACKING WEBSITE USAGE
- INCREASE WATER TESTING

**THANK YOU!**

**ROCK COUNTY**  
**Rick Wietersen and Nick Zupan**  
rick.wietersen@co.rock.wi.us  
nicholas.zupan@co.rock.wi.us





# Rock County Public Health 2018 Annual Report

Marie-Noel Sandoval, MPH

Rock County Public Health Department  
May 1, 2019



## Values, Vision, and Mission

• Values:

- Leadership
- Diversity and health equity
- Collaboration
- Integrity
- A spirit of wellness
- Accountability and fiscal responsibility
- Adaptation and continuous improvement

• Vision:

- Rock County Wisconsin... a healthy, thriving community.

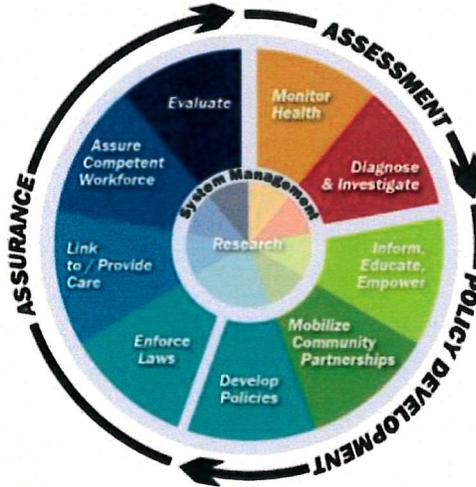
• Mission:

The Rock County Public Health Department is the catalyst that cultivates a spirit of wellness and improves the quality of life by promoting healthier lifestyles and environments through collaborative community partnerships.



## Public Health At Work For You

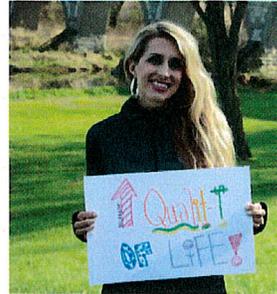
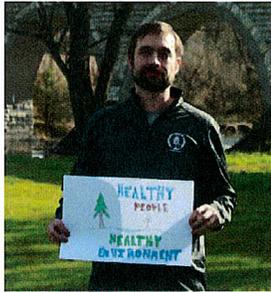
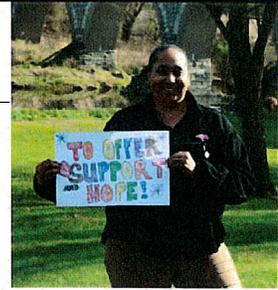
The Ten Essential Services of Public Health Wheel illustrates the relationship of the core functions and essential services that guide the interdisciplinary practice of public health.



## Board of Health



## Why We Do What We Do



## Staff



## 2017 Milestones

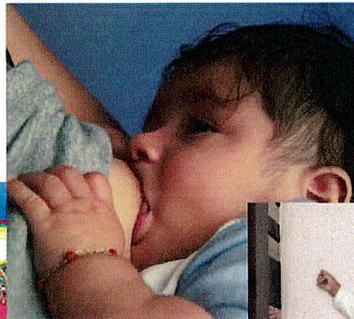
- New Epidemiologist Position
- Uniform Youth Risk Behavior Survey (YRBS) Community Health Assessment (CHA)
- Grants
  - Opioid Tracking
  - Population Health Innovation Lab
  - Chronic Disease
  - Community Conversations
  - Wisconsin Oral Health Coalition
  - Groundwater Nitrate Risk Tool Mentoring Fellowship



## Healthy and Safe Behaviors



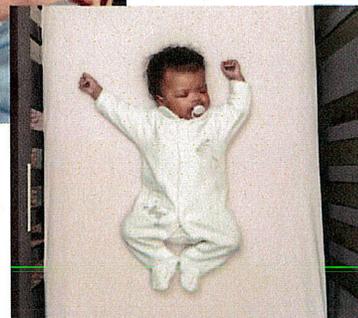
Obesity



Breastfeeding



Safe Sleep



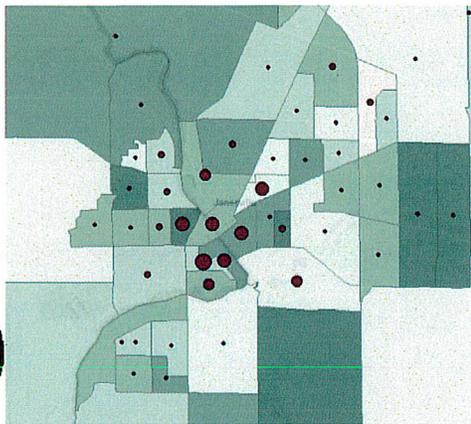
# Healthy and Safe Homes



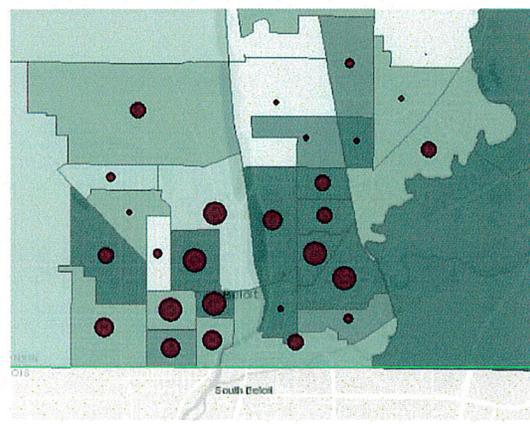
# Healthy and Safe Homes

## Childhood Lead Poisoning Prevention:

Janesville

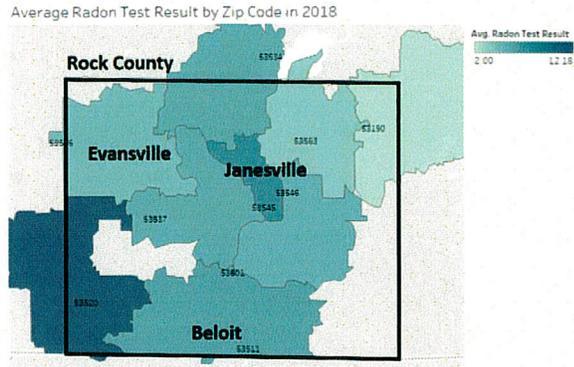
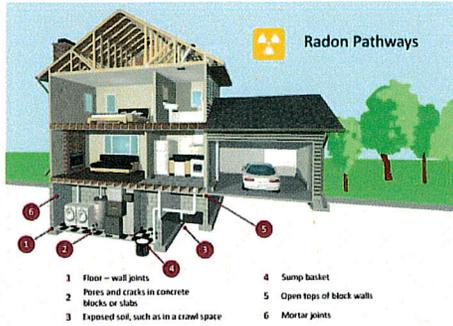


Beloit



# Healthy and Safe Homes

## Radon:



# Healthy and Safe Homes

## Drinking Water

- 1,600+ private well tests for nitrates and bacteria
- ‘town-based’ well sampling program
  - 20% of wells tested positive for bacteria
  - 24% of wells tested above the health advisory level for nitrates



# Healthy and Safe Homes

## Other Health Hazards — Public Nuisances



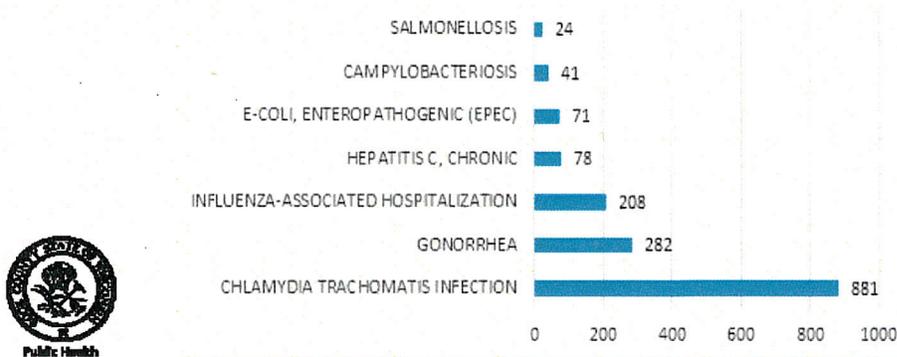
# Healthy and Safe Communities



# Healthy and Safe Communities

## Communicable Diseases:

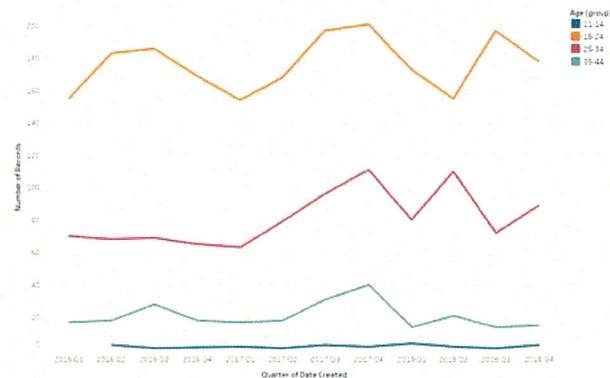
Number of Confirmed Cases of Infectious Disease in 2018



# Healthy and Safe Communities

## Sexually Transmitted Infections:

Number of Cases of Chlamydia and Gonorrhea by Age Group 2016-2018

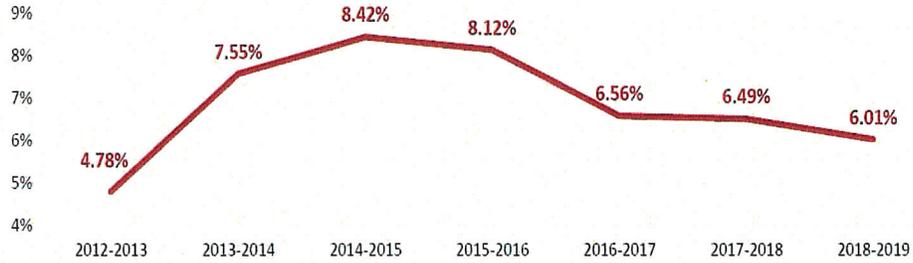


The trend of number of cases for data created quarter. Color shows details about Age (group). The data is filtered on Disease and Date Created. Note: The Disease Filter needs CHLAMYDIA TRACHOMATIS INFECTION and GONORRHEA. The Date Created uses filter years 2016, 2017 and 2018. The results are ordered by age (group), which excludes 0-10, 65-74, 75-84 and 85-94.

# Healthy and Safe Communities

## Immunizations:

Total Immunization Waiver Rates for All Rock County Districts Combined



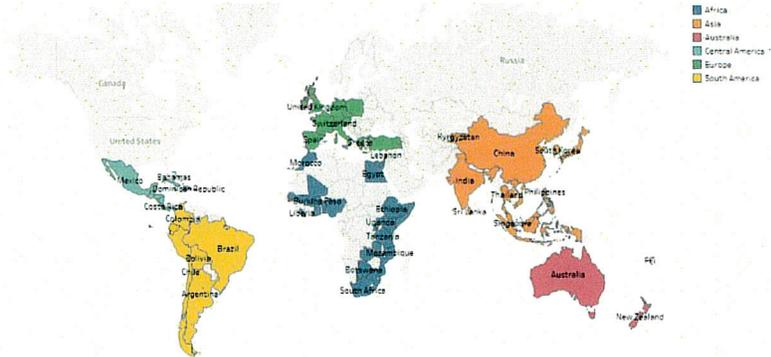
# Healthy and Safe Communities

## Travel Vaccines:

255 international travelers

- 389 vaccines
- 72 anti-malarial Rx

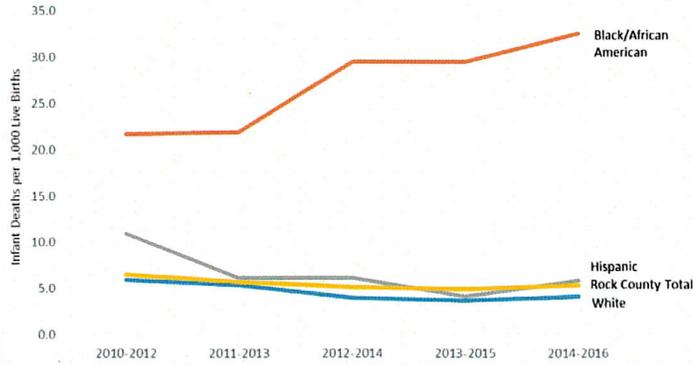
Where are our travel clinic patients going?



Map based on longitude (generated) and latitude (generated). Color knows details about Continent as an attribute. The marks are labeled by Country (name). Details like shown for Country (name).

# Healthy and Safe Communities

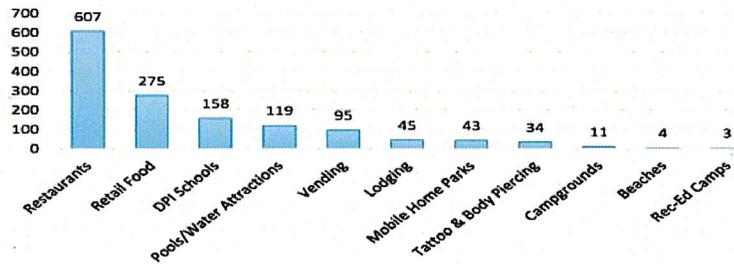
## Better Birth Outcomes



# Healthy and Safe Communities

- **1,394 Licensed Facility Inspections**

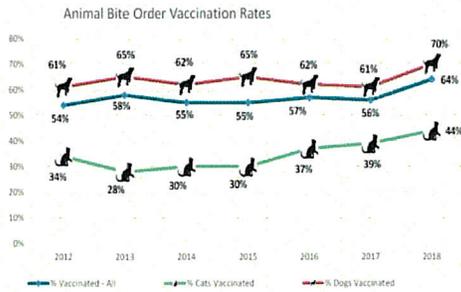
2018 Licensed Facility Inspections



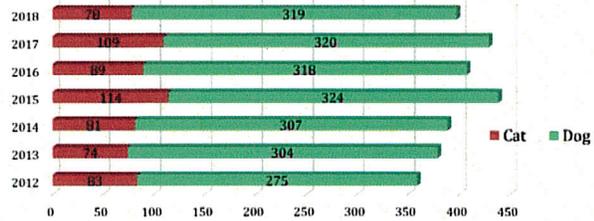
# Healthy and Safe Communities

## Vector Control: Rabies

- 397 bite orders issued
- 67 animals tested for rabies
  - 1 bat tested positive

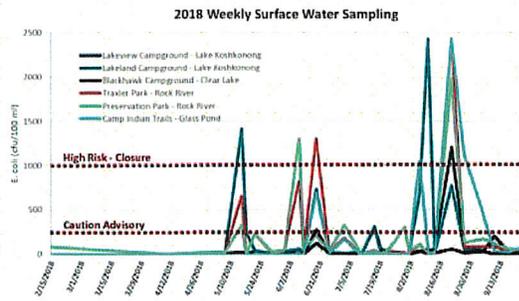


2012-2018 Rock County Animal Bite Orders Issued



# Healthy and Safe Communities

## Beach and Surface Water Quality



# Healthy and Safe Communities

## Public Health Emergency Preparedness:



# Healthy and Safe Communities

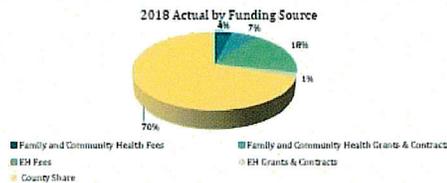
## Community Collaborations

- Substance Abuse Reduction Coordination
- Health Equity Alliance of Rock County
  - Community Conversations
  - Older Adult Falls Prevention
- Groundwater Nitrate Workgroup
  - WCLO
- Community Events
- Worksite Wellness Workshop
  - Rabies Clinic
- Healthy Corner Stores
  - Etc.



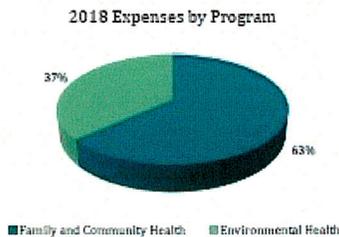
# Financial Report

2018 ACTUAL BY FUNDING SOURCE	\$	%
Family and Community Health Fees	\$ 134,156	4%
Family and Community Health Grants & Contracts	\$ 230,773	7%
EH Fees	\$ 609,400	18%
EH Grants & Contracts	\$ 59,021	2%
County Share	\$ 2,399,894	70%
<b>TOTAL</b>	<b>\$ 3,433,244</b>	



# Financial Report

2018 EXPENSES BY PROGRAM	\$	%
Family and Community Health	\$ 2,179,245	63%
Environmental Health	\$ 1,253,999	37%
<b>TOTAL</b>	<b>\$ 3,433,244</b>	



# Financial Report

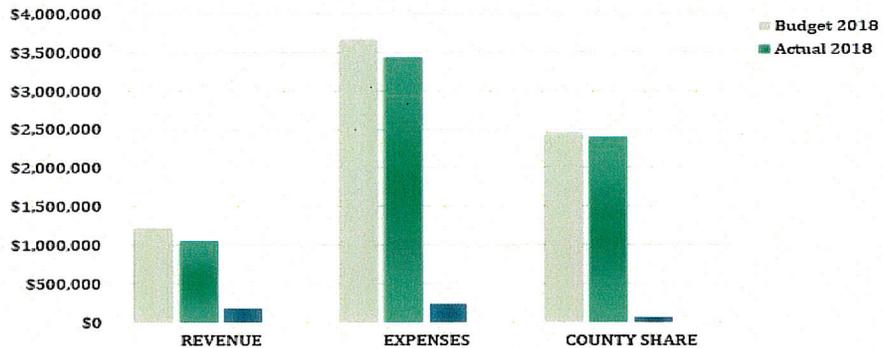
## Budget Summary

	Budget 2018	Actual 2018	DIFFERENCE	% DIFFERENCE
REVENUE	\$1,211,256	\$1,038,330	\$172,926	14%
EXPENSES	\$3,662,597	\$3,433,244	\$229,353	6%
COUNTY SHARE	\$2,451,341	\$2,394,914	\$56,427	2%



# Financial Report

## Budget to Actual 2018



# Thank You

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Marie-Noel Sandoval, MPH  
Health Officer/Director

Rock County Public Health Department  
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Janesville, Wisconsin 53547-1088

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