2018 Year in Review

I am pleased to present the 2018 Rock Island County Health Department Annual Report. This report focuses on all public health programs and activities conducted by the health department over the past 12 months. In addition to all of our regular programs and services, Rock Island County Health Department works with various community partners throughout the year.

A primary project throughout 2018 was conducting a community health needs assessment. This assessment is done every three years in collaboration with community partners and stakeholders from a wide array of disciplines and sectors. Our key partners in the health assessment were the Quad City Health Initiative, Scott County Health Department, Genesis and UnityPoint Trinity Hospitals, and Community Health Care. For this cycle a new methodology was used for the health assessment. It is called the MAPP process which stands for Mobilizing for Action through Planning and Partnerships. It was developed by the National Association of City and County Health Officials or NACCHO. The process included conducting four assessments to gather both quantitative and qualitative data to create a comprehensive view of health in our community over the course of the summer. The assessment was completed in the fall and results were shared with the community. Health priorities for the next three years include access to healthcare, access to mental health services, and increasing physical activity and healthy lifestyles to reduce obesity. In 2019, we will begin working on our Health Improvement Plans to address those three health priorities. The full health assessment report can be viewed here: www.quadcities.healthforecast.net

The state of Illinois adopted new guidelines for the Lead Poisoning Prevention Program. Children whose blood lead level is 5 micrograms per deciliter or higher will now be reported to us. Previously, we only followed those with a level of 10 micrograms per deciliter or higher. This has increased our caseload of children to follow. We now have two case managers providing lead education, home visits and referrals to these children and their families.

Rock Island County Health Department also began assisting residents with qualifying health conditions complete applications for the Illinois medical cannabis program. In 2019, the State plans to add medical cannabis as an alternative to those who would otherwise be prescribed opioids. This pilot program is scheduled to start in early 2019.

Please visit our website at www.richd.org to learn more about the Department and the services we provide. We remain committed to our mission: prevent disease, promote wellness and to protect the health of the public.

Nita Ludwig
Public Health Administrator
Rock Island County Health Department
Women, Infants, Children (WIC)
WIC gives babies and children a healthy start. Our supplemental nutrition program provides information on healthy eating and breastfeeding, nutritious food, and referrals for eligible pregnant women, new mothers, infants and children up to the age of 5. WIC clinics are offered at three locations: Rock Island (Mon-Fri); Moline (Mon-Fri); and East Moline (Mondays only).

In 2018, we helped more than 800 infants grow each month. Research shows WIC foods reduce premature births and infant deaths, improve maternal health, better performance at school, and save in healthcare costs.

We served an average of 82 percent of our assigned caseload of 3,937 clients. Starting in July, the WIC department embarked on a caseload improvement plan that included calling pregnant women in their ninth month of pregnancy. We saw a 4 percent increase in caseload between the first half of 2018 and the second half.

In an effort to increase breastfeeding awareness and reduce breastmilk sharing, we opened a breastmilk collection site or depot at our WIC clinic at Community Health Care in Moline. We are connected with the Mother’s Milk Bank of the Western Great Lakes in Elk Grove, Village, near Chicago. Milk collected here is sent to medically fragile infants in hospitals throughout Illinois and Wisconsin.

Clinic Visits: 12,012
Breastfeeding Initiation Rate: 63.75
Nutrition Education Sessions: 3,684

Nurse Qiana W. works with a baby in the WIC Program
Family Case Management
Family Case Management works to lower infant mortality by connecting pregnant women and their infants to health care resources and any other community resources that the family may need throughout the child's first year. Case Managers also conduct screenings to ensure babies are reaching developmental milestones. WIC and Case Management staff work collaboratively with clients at the Moline and Rock Island sites.
Home Visits: 732
Office Visits: 6,895
Developmental Screenings: 1,272
Post Partum Depression Screenings: 1,760

HealthWorks
Healthworks is a case management program for children in foster care. In partnership with the Department of Children and Family Services, the health department serves as a lead agency for a 10 county area. Case managers work to ensure foster children have regular physician and dental visits and that any other medical needs are met.
Foster Children Case Managed: 451

Lead Poisoning Prevention
In 2018, the state changed guidance on how we follow children affected by lead. Children with a blood lead level of 5 micrograms per deciliter or higher are followed by a case manager until age 6. They coordinate with the parents, physicians, nutritionists and other partners to bring down lead levels. The program also works to educate on potential sources of lead in the home and environment by conducting home visits.
Children Screened: 3,362
Children with elevated lead levels: 244
Home visits: 44
People Educated: 10,635
APORS (High Risk Infant Follow Up)
Local hospitals refer high risk infants to the health department through the adverse pregnancy outcome reporting system (APORS). A public health nurse will then provide targeted case management to the family until the child turns two years of age. This is medical case management which includes pediatric physical assessments, developmental assessments, annual home visits and referrals to specialists or other community services as needed.
Infants Receiving Follow Up: 75

Genetics
Newborns are tested by the hospitals for metabolic diseases and conditions. They also have a newborn hearing test. If issues are detected, RICHD then follows up with the family to provide education and referral assistance. RICHD hosts clinics several times per year for children with sickle cell disease and other blood disorders. These clinics are a collaboration with OSF Medical Center in Peoria. Dr. Kay Savings conducts the clinics at our health department.
Number served through OSF clinic at RICHD: 59

Nurse Brenda C works in the high risk infant program.
School Health LINK
The School Health LINK Inc. is a non-profit organization with 501(c)3 status and provides year-round sick care visits, yearly well child visits, school physicals, immunizations, mental health counseling, and behavioral health counseling. The program decreases school absenteeism and keeps children well by preventing health risks through education and intervention. We work in collaboration with the following entities:

* Rock Island County Health Department
* Rock Island/Milan Schools
* Transitions Mental Health Services
* UnityPoint Health-Trinity

Client visits 1,739

VISION AND HEARING SCREENING

Vision and hearing screening are conducted at preschool and daycare facilities throughout Rock Island County by our program.

Hearing Screenings: 2,082
Hearing Referrals: 44
Vision Screenings: 2,016
Vision Referrals: 21
Children wearing glasses: 74
ILLINOIS BREAST AND CERVICAL CANCER SCREENING (IBCCP)

The Illinois Breast and Cervical Cancer Program provides low or no cost breast and cervical cancer screenings to income eligible women. Rock Island County serves as a lead agency for a seven county area.
Women Screened: 112

Staff of the health department wear pink in October to promote Breast Cancer Awareness Month.
EMERGENCY PLANNING AND RESPONSE

Rock Island County Health Department collaborates with many local community response partners, in both Rock Island and Scott Counties to plan for all types of potential emergencies. Exercises give us valuable information, which we use to improve our plans to increase preparedness levels. If there was a release of a biological agent such as anthrax or smallpox, the Rock Island County Health Department would be responsible to distribute medication or vaccinate all the residents of Rock Island County (over 147,000 people). RICHD also coordinates and trains the Rock Island County Medical Reserve Corps volunteers to assist when an event arises. RICHD participates locally and regionally in tabletop exercises, functional drills, and full scale exercises to increase our knowledge and strengthen relationships with key community partners.

On December 4th, RICHD participated in the Exelon Radiological Full Scale exercise with local partners including Rock Island County Emergency Management, Rock Island County Sheriff’s Department, Illinois State Police, the Regional Office of Education, American Red Cross, and Exelon officials. This exercise was evaluated by FEMA officials.

Other exercises RICHD participated in with community partners in 2018 included a “Contagion” tabletop exercise, a Strategic National Stockpile tabletop exercise, and an infection control full scale exercise to help local nursing homes and outpatient care facilities meet their requirements.

Medical Reserve Corps Volunteers learn First Aid
INFECTIONOUS DISEASE PROGRAMS

Communicable Disease
Public Health nurses interview county residents who are reported to have or exposed to diseases and conditions deemed reportable by the Illinois Department of Public Health. Nurses investigate any such outbreaks and refer for appropriate medical follow up. IDPH reportable diseases must be reported to the local health department within specified time periods; some require immediate notification 24 hours per day, 7 days a week. Physicians, laboratories and other providers can contact the health department at any time for disease reporting.

Refugee Health & Immigration/Naturalization
Medical examinations and referrals are provided to refugees resettling to Rock Island County or to individuals applying for a change of status under immigration and naturalization laws. Numbers have decreased the last few years with reduced numbers of refugees being allowed into the United States, however we continue to provide this service with RICHD Medical Director and Civil Surgeon, Dr. Julie Voelker.

INS Immigration Applications
New Arrivals: 84
Changing Status
  Children: 126
  Adults: 164
Immunizations
RICHID offers all types of immunizations for
adults and children to prevent disease and
promote health and wellness. Additionally, every
fall, we conduct flu shot clinic all throughout the
county so that all residents can have access to
get their annual flu shot. In 2018, 45 off-site
clinics were held and 1,635 flu shots were given
by our nurses.

Totals for other immunizations: 2,250
Number of child immunizations given: 1,359
Number of adult immunizations given: 891

Tuberculosis (TB)
RICHID's TB program provides nursing consultation
regarding TB treatment, contact investigations and
education on infection control. RICHID administers and
reads TB skin tests. Medications are dispensed to TB
active and latent clients. Medications help prevent TB
from becoming active in people who test positive for
the germ and those with family members or are in close
contact to someone with active tuberculosis.

TB Skin Tests: 274
Quantiferon Gold TB tests: 96
Total Positive TB tests: 50
Chest X-Rays: 45
Patients on Preventative Meds: 18
Active TB Cases: Average 4 per year
Sexually Transmitted Diseases and Infections (STDs/STIs) are on the rise. This is a trend occurring nationwide and here in Rock Island County. In Rock Island County, our cases of Chlamydia, Gonorrhea, Syphilis have all risen in the last few years. Our mission is to promote safe sex practices, prevent the spread of diseases and infections and protect the health of the public. We offer low cost STD/STI clinics every Wednesday from 1-3:30 p.m. Men or women can come to this clinic.

Gonorrhea: 207
Chlamydia: 796
Syphilis: 17

Other Reportable Infectious Diseases-2018
Chickenpox: 5
Cryptosporidiosis: 1
E. Coli 0157:H7: 7
Giardiasis: 0
Haemophilus Influenza: 5
Hepatitis A: 7
Hepatitis B: 17
Hepatitis C: 55
Histoplasmosis: 1
Legionellosis: 4
Lyme Disease: 6
Shigellosis: 5
Staphylococcal: 0
Streptococcal: 1
Whooping Cough: 20
Investigated cases- transferred to other counties: 160
Investigated cases- determined "not a case": 404
Rabies investigations (potential human exposure): 22
Influenza (Adult with ICU admission): 29
ENVIRONMENTAL HEALTH PROGRAMS

RICHD sanitarians work to protect the health and safety of the public by regulating food service establishments through inspections and education. They also issue permits and inspect on-site wastewater treatment systems and handle testing of well water samples. Other areas include solid waste and nuisance regulation, tanning and body art facility inspections, liquor inspections and seasonal mosquito surveillance to detect West Nile Virus.

Environmental Health Program Statistics-2018

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<tr>
<th>Program</th>
<th>Inspections</th>
<th>Field Hours</th>
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<tbody>
<tr>
<td>Food sanitation</td>
<td>1,213</td>
<td>1,496</td>
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<tr>
<td>Potable Water</td>
<td>408</td>
<td>445</td>
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<tr>
<td>Private Sewage</td>
<td>414</td>
<td>502</td>
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<tr>
<td>Nuisance Control</td>
<td>71</td>
<td>40</td>
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<tr>
<td>Solid Waste</td>
<td>26</td>
<td>19</td>
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<tr>
<td>Tanning/Body Art</td>
<td>33/16</td>
<td>46/19</td>
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<tr>
<td>West Nile Virus</td>
<td>50</td>
<td>238</td>
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<tr>
<td>Liquor</td>
<td>177</td>
<td>178</td>
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Sanitarian Misty S. inspects a food vendor
HEALTH EDUCATION AND PROMOTION

The health department's health educator promotes healthy behaviors in a variety of ways, including presentations to community schools, churches, businesses or other organizations. Education is also provided by other health department staff at clinic visits, home visits, inspections, media events and health fairs. Our health educator provides tobacco cessation education and resources through the Illinois Tobacco-free Communities grant. The grant also includes promoting implementation of smoke-free policies for public places such as parks, college campuses, and public housing. Policies are encouraged and developed in collaboration with key leaders in community such as city councils and mayors.

Health Educator, Mariah B teaches Hands Only CPR
The local Registrar's office of Vital Records (birth and death certificates for Rock Island County) is located at the Rock Island County Health Department. Certified copies of birth certificates dating back to 1985 can be obtained at our office. Death certificates dating back to 1999 can also be obtained at the health department office.

FY 2018

- Births: 1,791
- Deaths: 1,657
Fiscal Report

Revenues

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<th>Service</th>
<th>Amount</th>
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<tr>
<td>Property Taxes</td>
<td>1,273,233</td>
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<tr>
<td>Client and Service Fees</td>
<td>382,832</td>
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<td>Grants (Federal &amp; State)</td>
<td>2,264,993</td>
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<td>Intergovernmental</td>
<td>21,972</td>
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<td>Medicaid &amp; Medicare Reimbursements</td>
<td>112,930</td>
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<tr>
<td>Miscellaneous</td>
<td>3,416</td>
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<tr>
<td><strong>Total</strong></td>
<td>4,059,375</td>
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Expenditures

<table>
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<tbody>
<tr>
<td>Local Health Protection Programs</td>
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<tr>
<td>Emergency Preparedness</td>
<td>114,051</td>
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<td>Health Promotion Programs</td>
<td>257,907</td>
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<td>Maternal &amp; Child Health Programs</td>
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<td>Vital Records</td>
<td>124,610</td>
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<td>School Health Programs</td>
<td>207,012</td>
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<tr>
<td>Administrative &amp; Maintenance</td>
<td>859,213</td>
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<tr>
<td><strong>Total</strong></td>
<td>3,870,851</td>
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![Pie charts for revenues and expenditures]
President: Leon Gibson
Vice President: Kate Varlas-Teel, Esq.
Secretary: Doug Vroman
Treasurer: Louisa Ewert

Naurin Ahmad, MD
Patricia Barron, MD
Sue Beswick, MSN, RN
Mark Bollaert, DDS
Randy Jacobs
Ed Langdon
Jeffrey Maurus, MD
Kaye Whitley

Full-time Employees: 40
Part-time employees: 8