JACKSON COUNTY HEALTH DEPARTMENT

2022

73RD ANNUAL REPORT
DECEMBER 1ST, 2021 - NOVEMBER 30TH, 2022

415 HEALTH DEPARTMENT ROAD
PO BOX 307 - MURPHYSBORO, IL 62966
PHONE: 618-684-3143
WEBSITE: WWW.JCHDONLINE.ORG
To the Citizens of Jackson County:

2022 proved to be a year of transition for Jackson County Health Department. It was our third year of leading our community through the COVID-19 pandemic, with this work gradually subsiding through the year, but not going away. The reduction in this work, and the return by much of society to in-person activities, allowed JCHD to resume many pre-pandemic events and services.

All that JCHD accomplishes can be attributed to our professional staff, and the support of our clients, the community, the Board of Health and the County Board. Here’s a bulleted list of the items I’m most proud of from the past year:

- Continued to tackle one public health emergency (COVID-19), while facing a new one (Mpox);
- Received data from IDPH showing JCHD performed strikingly better than all other Illinois health departments on three COVID-19 metrics from Aug 2020 – Jan 2022 (infections prevented per tracer, hospitalizations prevented per tracer, deaths prevented per tracer);
- Administered thousands of COVID-19 boosters and seasonal flu shots;
- Conducted a successful Back-to-School vaccination season;
- Continued to serve WIC clients via phone and curbside, with in-person visits returning in September;
- Continued to maintain a superior level of viral suppression in HIV clients, and continued to grow the PrEP program;
- Implemented a Disease Intervention program to improve our ability to address STIs;
- Began using electronic tablets on food inspections, with inspection reports available online immediately;
- Debuted new, user-friendly JCHD website;
- Continued to expand use of social media platforms as a way to disseminate timely & critical information;
- Through dedication & teamwork, we worked through vacancies in some key staff positions;
- Added a Diversity, Equity & Inclusion (DEI) Manager position, developed a DEI committee, and implemented DEI training for staff;
- Continued to lead work to implement the Community Health Improvement Plan & JCHD’s Strategic Plan.

Of course the above list only scratches the surface of all our achievements in 2022. We look forward to 2023 being an even more productive year. Our Vision Statement is “Achieving community health through education, engagement and equity.” How can your organization work with Jackson County Health Department to achieve this vision? We’d love to hear from you.

Sincerely,

Bart Hagston, MA, IPEM
Public Health Administrator
Your Health Department Services

PROMOTING HEALTH - PREVENTING ILLNESS - PROTECTING OUR ENVIRONMENT - PREPARING FOR EMERGENCIES

- Birth/Death certificates
- Blood lead screening
- Breastfeeding support
- Cardiovascular disease prevention
- Communicable disease control
- Diabetes education and referrals
- Emergency planning
- PrEP Clinic
- Flu vaccinations
- Food establishment inspections
- HIV+ case management services
- HIV testing and counseling

- Immunizations
- Private sewage system inspections
- Private well inspections
- Recycling promotion & education
- School health programs
- STD testing and treatment
- Shingles vaccination (age 50+)
- Tuberculosis testing and treatment
- Tobacco prevention program
- WNV/mosquito surveillance
- Women, Infant & Children (WIC)
- And more!

Kyaw Naing, M.D., PhD—Medical Director
Jackson County Board of Health

Sherry Jones, MD                  President
Katherine Poulos, Pharm D         Vice President
Lynn Heins, MS                    Secretary
Nancy Caskey, MHL                 Member
Melodi Ewing, MD                  Member
Amy Wyatt, DMD                    Member
Susie Toliver, MSW, LSW           Member
Scott Comparato, PhD              County Board Representative
## Support Services Division

Chad Hill, BS, Director, Fiscal Mgr.

Bridget Baltzell, Fiscal Assistant
Melanie Endres, MS, Administrative Assistant
Kim Flanigan, BS, Human Resources Manager
Alicia Jackson, M. Ed, DEI Program Manager
Dana Kimmel, Receptionist
Jamie Moore, Preparedness and Compliance Specialist
Bernadine Morrow, Billing Clerk
Trace Myers, BS, Network Administrator
Jessica Sergeev, M. Arch, Emergency Preparedness Specialist

### 2022 Revenue and Expenses

<table>
<thead>
<tr>
<th>Support/Revenue</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local/State/Federal Grants</td>
<td>Personnel Service</td>
</tr>
<tr>
<td>Vaccine Inventory, Non-Cash</td>
<td>Fringe/Health Insurance</td>
</tr>
<tr>
<td>Service/Permit Fees</td>
<td>Contractual Services</td>
</tr>
<tr>
<td>Transfers/Intragovt.</td>
<td>Commodities</td>
</tr>
<tr>
<td>Interest</td>
<td>Vaccine, Non Cash Used</td>
</tr>
<tr>
<td>Other</td>
<td>Vaccine, Purchase Used</td>
</tr>
<tr>
<td>Tax Levy</td>
<td>Maintenance/Repair</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>TOTAL</strong></td>
</tr>
<tr>
<td><strong>$4,622,112</strong></td>
<td><strong>$4,592,644</strong></td>
</tr>
</tbody>
</table>

Surplus Revenue Over Expenditures: $29,468

### Vital Records (JCHD 2022 Statistics)

- Total deaths in Jackson County: 656
- Total births in Jackson County: 2102
- Deaths to Jackson County residents: 439
- Births to Jackson County residents: 507
Health Education programming focuses on building community partnerships and coalitions to address Jackson County’s priority health problems, as determined in the current Community Health Improvement Plan.

For the past three years our community has been focusing on these key health priority areas:

**Behavioral Health**
including mental health and substance abuse

**Cardiovascular Health**
including heart disease, stroke, nutrition, physical activity and obesity

**Access to Care**
including availability of services

Notable 2022 accomplishments:

- Updated and redesigned JCHD website.
- Secured access to state overdose tracking system.
- Partnered with Southern Illinois Healthcare on 3-year Tobacco Disparities Grant.
- Supported Illinois Public Health Institute in developing 5-year Illinois Alliance to Prevent Obesity strategies.
- Relocated Health Education Division to new campus location, and supported JCHD Fitness Room construction.
The HIV Services Division offers a variety of programs and services related to HIV. The following programs are provided:

- **Southern Illinois HIV Care Connect (SIHCC)** is the regional lead agent which provides a variety of medical and support services to those who are HIV+ in the lower 19 counties.

- **HIV Prevention and Education** is provided in Jackson County to provide risk reduction education, testing for high risk individuals and their partners and capacity building for providers. Over 3,500 safer sex kits were provided to those receiving risk reduction education and HIV testing services.

- **PrEP (Pre-exposure Prophylaxis)** is a once-a-day pill to help prevent HIV. We have over 25 PrEP friendly providers in our area. A monthly clinic is held at Jackson County Health Department to provide PrEP services, referrals and medication assistance. In 2022 we enrolled/prescribed PrEP to 95 individuals.

- **Disease Intervention Specialist Services** are provided throughout the 19 county region to support local health departments in providing HIV testing, contacting partners and linking those who are HIV+ to care. Support and referral services are also provided to many physicians and health agencies in our region. Over 235 program referral/reporting packets were delivered to providers in the 19 county region.

### Number of people who received services through these programs:

- HIV Testing: 429
- HIV Prevention Education: 265
- Community Training & Technical Assistance: 224
- Partner Services: 296
- Linkage to HIV Care Services: 29
- Newly Diagnosed HIV Cases in Jackson County: 5
- Enrolled in PrEP services: 95
- Hep C tests given: 120
- Hep C positives & connected to care: 2
- HIV Surveillance cases contacted: 69

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**Number of HIV+ clients who received the following services:**

- **Case Management services**: 231 clients /9,975 hours
- **Primary health care**: 28 clients received medical appointments
- **Dental care**: 39 clients received dental appointments
- **Transportation assistance**: 112 clients received transportation assistance
- **Housing/utility assistance**: 61 clients received housing/utility assistance
- **Mental health services**: 2 clients received mental health services
- **Food Bank Services**: 163 clients received food support
- **Treatment adherence counseling**: 82 clients received 193 hours of counseling
The goals of the Environmental Health Division are to protect the citizens of Jackson County by preventing or reducing the risk of disease transmission; to provide a safe and sanitary environment; and to reduce solid waste and increase recycling efforts throughout the county. Education, inspection, and enforcement are the three key elements of Environmental Health programs. Environmental Health staff provide free informational materials and consultation on program related problems and issues. All programs also involve enforcement of state laws and local ordinances. The following is a list of services provided in 2022 categorized by program:

**Food**
- Food permits issued 405
- Food service inspections & field visits 635
- Temporary food permits issued 78
- Summer food service inspections conducted 11

**Recycling**
- Pounds of recyclables from drop-offs 431,180
- Pounds recycled from schools 135,980
- Waste haulers licensed 15
- Pounds of electronics recycled 338,482
- Households using household chemical collections 315
- Households using JCHD document shredding & Drug-Take-Back events 337

**Water**
- Closed-loop well permits issued 0
- Private water well permits issued 9
- Private water well samples collected 27
- Samples collected from non-community water supplies 4

**Solid Waste**
- Landfill inspections 3
- Open dump/open burning inspections 44
- New Open dump sites identified 4
- Open dump sites closed 10
- Cubic yards waste removed from environment 966

**Vector Control**
- Vector control/West Nile Virus field surveys 112
- Mosquito batches tested 105
  - (1 positive for West Nile Virus)

**Sewage**
- Private sewage disposal system inspections & field visits 247
- Private sewage system permits issued 79
- Subdivision plans reviewed 3
- Sewage evaluations performed 1

**Citizen complaints investigated (from all programs)**
- 76
Communicable Disease Surveillance

Nursing staff responds to reports of communicable disease and conducts investigations to ensure adequate treatment and containment. There are many activities that are not reflected in the disease counts listed below. These activities include monitoring potentially exposed persons throughout incubation periods, referring clients to needed services, and providing information and guidance to community partners.

We investigated 140 reports of communicable diseases that did not meet case definitions.

<table>
<thead>
<tr>
<th>Communicable Disease</th>
<th>Confirmed</th>
<th>Suspect</th>
<th>Not A Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Babesiosis</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Campylobacteriosis</td>
<td>5</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>CRE</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Chlamydia</td>
<td>749</td>
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<tr>
<td>Cryptosporidiosis</td>
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<tr>
<td>Ehrlichia Chafeensis</td>
<td>7</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Gonorrhea</td>
<td>306</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Haemophilus Influenza Invasive Disease</td>
<td>2</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Hepatitis A</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Hepatitis B - Acute</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Hepatitis B - Chronic</td>
<td>11</td>
<td>2</td>
<td>12</td>
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<tr>
<td>Hepatitis B - Perinatal</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Hepatitis C - Acute</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hepatitis C - Chronic</td>
<td>40</td>
<td>5</td>
<td>41</td>
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<tr>
<td>Histoplasmosis</td>
<td>0</td>
<td>4</td>
<td>9</td>
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<tr>
<td>Influenza with ICU admission</td>
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<tr>
<td>Legionellosis</td>
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<tr>
<td>Lyme Disease</td>
<td>0</td>
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<td>3</td>
</tr>
<tr>
<td>Measles</td>
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<tr>
<td>Mumps</td>
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<tr>
<td>Pertussis</td>
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<tr>
<td>Q Fever</td>
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<td>5</td>
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<tr>
<td>Rabies - Human Exposure</td>
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<tr>
<td>Salmonellosis</td>
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<tr>
<td>Shiga toxin producing Ecoli</td>
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<tr>
<td>Shigellosis</td>
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<tr>
<td>Spotted Fever Rickettisoses</td>
<td>0</td>
<td>3</td>
<td>32</td>
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<tr>
<td>Strep A Invasive Disease</td>
<td>2</td>
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<tr>
<td>Syphilis</td>
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<tr>
<td>Syphilis Congenital</td>
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<tr>
<td>Tuberculosis - Active Disease</td>
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</tr>
<tr>
<td>Tuberculosis - Latent</td>
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<td>0</td>
</tr>
<tr>
<td>Tularemia</td>
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<tr>
<td>Varicella</td>
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</tr>
<tr>
<td>Heartland Virus</td>
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</tr>
<tr>
<td>Totals</td>
<td>1,247</td>
<td>45</td>
<td>140</td>
</tr>
</tbody>
</table>

Women, Infants and Children (WIC)

WIC is a federal nutrition education program that provides nutrition education and counseling, breastfeeding promotion and support, healthy foods, screenings, and referrals to healthcare and social services within the community.

Our Breastfeeding Peer Counseling program provides basic breastfeeding information and support to our moms.

Average monthly caseload: 910

Funds distributed to WIC Clients for Farmers’ Markets:
Distributed 516 booklets @ $30 value each = $15,480

Immunizations—JCHD provides all Centers for Disease Control (CDC) recommended vaccines for children and adults.

Total number of seasonal flu vaccines administered: 3,198
Total number of COVID vaccines administered: 10,249
Total number of other immunizations (children and adults): 1,561
Total Combined Vaccinations: 15,008

Other Clinical Services:

- Hearing Screenings: 52
- Vision Screenings: 45
- TB skin test administered: 488
- Sexual Health Clinic visits: 148
Societal thoughts on COVID-19 changed dramatically in 2022. The pandemic, and measures to mitigate the spread of the disease, became less of a concern by the majority of the public. In response to these changes, the overall expectation of public health in regard to Covid was significantly reduced.

JCHD’s COVID-19 Support Section continued daily efforts to inform and support pandemic decisions in the community, with the goal of decreasing disease prevalence and death. The greatest focus was on elderly residents in congregate settings, who are the most vulnerable to COVID-19.

Community partners including schools, long-term care, daycare centers and other local businesses continued to lean on JCHD to provide technical assistance and guidance on COVID-19 related issues.

Several grants from the Illinois Department of Public Health funded the Health Department’s COVID-19 response efforts. Additional financial support was provided by the Jackson County Board’s American Rescue Plan Act funding.

Self-testing at home became the predominant form of COVID-19 testing. This change meant most cases were no longer known to public health authorities.

The Omicron variant of COVID-19 (inc. it’s many subvariants), made up the bulk of Covid cases in 2022.
Jackson County Health Department - Illinois

JCHD staff today participated in the Great Central US #ShakeOut earthquake drill. We also exercised our evacuation procedures afterward. Remember in an earthquake to Drop, Cover and Hold On!

4:40 PM - 20 Oct 22

Jackson County Health Department - Illinois

In 1988 Dr. Patricia Bath became the first Black female doctor to receive a medical patent. Her patented work to help improve the eyesight of visually impaired individuals reminds us to ensure inclusivity in medical product development. Visit minorityhealth.hhs.gov/bhm to learn more about the achievements of Black Americans and honoring the significant role and impact they have made on all facets of life and society throughout U.S. history.

10:56 AM - 24 Aug 22

Jackson County

Thanks to @IDPH Director Dr. Vohra and Asst. Director Dr. Tokars for visiting @Jchealthdept today and spending time with administrators from 15 local health departments. We appreciate your time and the valuable discussion.

4:34 PM - 07 Sep 22

Jackson County Health Department - Illinois

Today we celebrate the dedicated professionals at Jackson County Health Department as part of Public Health Thank You Day! #PHTYD

12:13 PM - 21 Nov 22

Jackson County Health Department - Illinois

JCHD will be @SIUC Student Center until 3:30pm giving free COVID-19 vaccinations. Bring your vaccination card, if possible. #ThisIsOurShot

10:56 AM - 24 Aug 22

Jackson County

NATIONAL PUBLIC HEALTH WEEK. JCHD promotes health, prevents illness, protects the environment and prepares for emergencies. Learn more at www.jchdonline.org. Together we can make lives better! #nationalpublichealthweek #publichealthweek2022 #publichealth