

Louisville Metro Department of Public Health & Wellness

ANNUAL REPORT

Fiscal Year 2018-19

Dr. Sarah Moyer
Director

Greg Fischer
Mayor

This is the FY19 annual report for the Louisville Metro Department of Public Health and Wellness. This covers our highlights, programs, projects and services delivered from July 1, 2018 to June 30, 2019.



DEPARTMENT OF
**PUBLIC HEALTH
AND WELLNESS**



WHO WE ARE

The Louisville Metro Department of Public Health and Wellness (LMPHW), and our 215 employees, is led by Dr. Sarah Moyer, a board-certified physician and Mayor Greg Fischer's Chief Health Strategist. You can read our three-year strategic plan here: <https://bit.ly/2P3nZBa>.

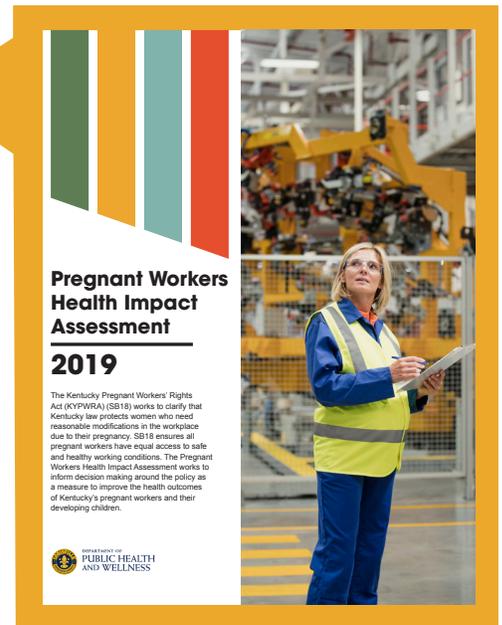
OUR VISION A healthy Louisville where everyone and every community thrives.

OUR MISSION To achieve health equity and improve the health and well-being of all Louisville residents and visitors.

OUR VALUES Collaboration, Innovation, Integrity, Quality, Grit

Highlights

- We released a **Health Impact Assessment (HIA)** on the Kentucky Pregnant Workers Act. Our HIA informed decision making around the Kentucky Pregnant Workers Act, a state law enacted July 2019, helping to ensure that any woman can work to support her family without risking the health of her pregnancy and developing child.
- LMPHW became an **Academic Health Department**. Our partnership with the University of Louisville School of Public Health and Information Sciences enables members of our leadership team to teach and consult at the school. It also provides hands-on opportunities for students to learn and inform public health programs, projects, and research.
- Our public health lab was one of only two in the country **awarded a \$60,000 grant** from the Association of Public Health Laboratories enabling us to expand childhood blood lead testing.
- Our **Healthy Start program** was awarded \$4.6 million from the U.S. Department of Health and Human Services Health Resources and Services Administration (HRSA). This program focuses on improving infant and maternal mortality, birth outcomes, and family-well-being in five West Louisville zip codes. This grant funding will allow the program to continue for at least five more years.
- We coordinated Jefferson County's first ever participatory budgeting project, **Our Money Our Voice**. This project was driven by community, for community, allowing them to advocate for how a portion of their city tax dollars were spent. We worked with two Metro Council leaders and community members in their districts to put forth and vote on improvement projects in those districts:



415

ideas submitted

13

community voting events held

\$200,000

invested in sidewalk improvements, street safety, and renovations to an elementary school playground and community center

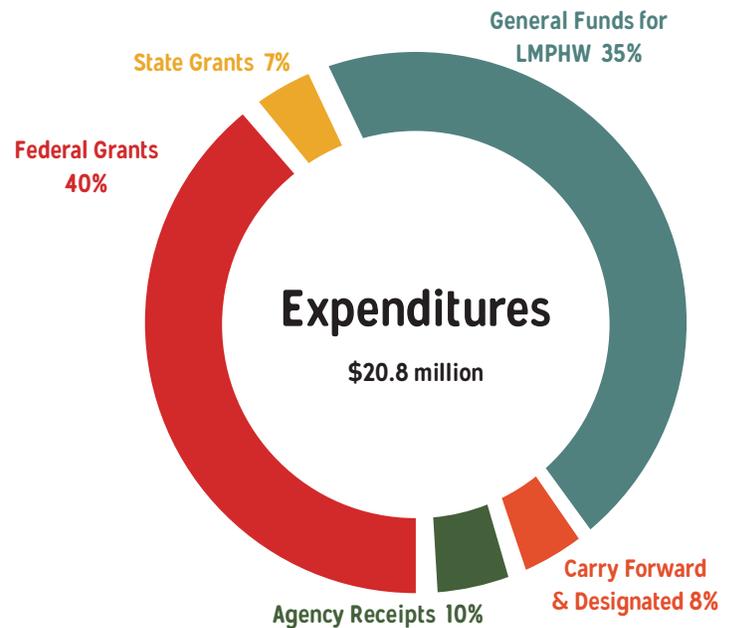
Our FY19 Budget:

Revenue

General Funds for LMPHW	\$7,313,100
Carry Forward & Designated	\$1,733,600
Agency Receipts	\$1,964,200
Federal Grants	\$8,292,400
State Grants	\$1,496,700
Total Revenue	\$20,800,000

Expenditures

Personnel Services	\$12,984,700
Contractual Services	\$4,720,500
Supplies	\$1,505,200
Equipment/Capital Outlay	\$76,900
Direct Reimbursements	\$4,200
Interdepartmental Charges	-\$90,700
Restricted & Other Project Expenses	\$1,599,600
Total Expenditures	\$20,800,400



Grants

In Fiscal Year 2019, the LMPHW grants office coordinated over 25 applications to different funding sources. LMPHW received over \$5 million in grant funding.

WHAT WE DO

Center for Health Equity Accomplishments

- **We received national attention for our Inaugural Legal Epidemiology Project: Local Incentives to Improve Access to Healthy Foods.** LMPHW participated in the 2018 Local Policy Surveillance Project, a year-long policy surveillance training and technical assistance partnership with the Center for Disease Control and Prevention's Public Health Law Program, along with ChangeLab Solutions and the Policy Surveillance Program at Temple University's Center for Public Health Law Research. The project built workforce capacity to conduct legal epidemiology projects in-house and culminated in the creation of our first **scientific legal dataset** that identifies key components of small food retail laws that stimulate healthier food retail through incentivization. This project was shared nationally through webinars and at conferences.
- **Created a food establishment mapping tool:** <https://bit.ly/2pjNX70>
- **Used mapping and data to illustrate public health issues:** Read the public health perspective on early childhood development in Louisville via our **story map**.
- **2019-2021 Advocacy Agenda:** In pursuit of goal 12 of LMPHW's strategic plan the Department developed its first advocacy agenda, a guide for our work with residents, partners, and other Metro agencies for the next three years to ensure the residents of Louisville have access to healthier food choices, complete and livable communities, high quality and accessible education, as well as affordable and high quality housing.

- A Farm Share Pilot Program Increased Vegetable Consumption in Metro Government Employees
 - Metro piloted its first **employee Community Supported Agriculture (CSA) benefit program** with 41 participants at LMPHW, Youth Detention Services (YDS) and Resilience and Community Services. The pilot project for employer supported CSA program was in partnership with UK, Organic Association of KY and KY Farm Share Coalition.

Participating employees reported:

- Increased vegetable consumption by 2 servings a day (from 4.3 to the recommended 6.2 servings a day)
- Decreased consumption of processed foods
- Gained cooking and food storage skills
- Were able to talk to coworkers more frequently about nutrition
- Had improved self-reported health
- That the \$200 voucher from their employer was critical to participation



Health Operations - Services Delivered

Women Infants and Children (WIC) Supplemental Nutrition Program

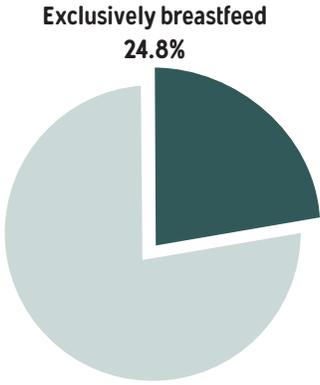
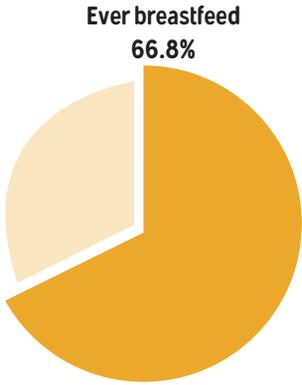
Provides supplemental foods, healthcare referrals, and nutrition education to low-income pregnant, breastfeeding and nonbreastfeeding women, and to children up to age 5 who are found to be a nutritional risk.

SERVED

19,876 clients

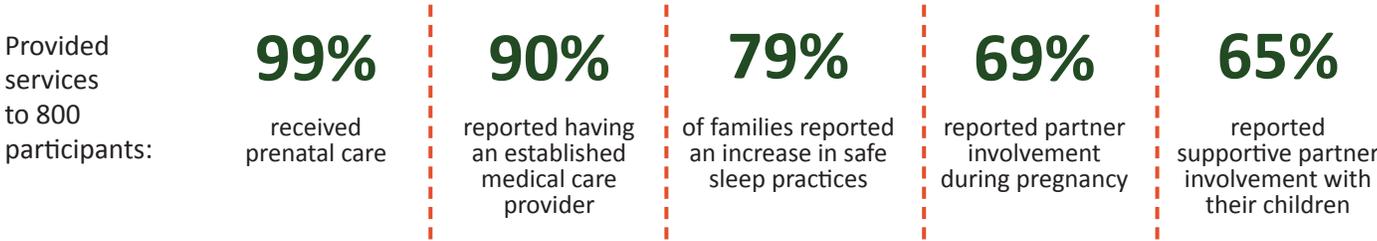
TOTAL

50,971 visits



Healthy Start

This program focuses on improving infant and maternal mortality, birth outcomes, and family-well-being in five West Louisville zip codes. This grant funding will allow the program to continue for at least five more years.



Specialty Clinic

Provides testing, treatment and education for sexually transmitted diseases.

SERVED 3,023 clients | **TOTAL** 4,196 visits | **PROVIDED** 42,267 services

TB Clinic

Provides tuberculosis diagnostic and treatment services for Jefferson, Bullitt, Henry, Oldham, Shelby, Spencer and Trimble counties.

SERVED 2,559 clients | **TOTAL** 9,102 visits | **PROVIDED** 16,631 services

Communicable Disease

Prevents, detects, manages and controls infectious diseases.

SERVED 2,559 patients | **CONDUCTED** 4,888 disease investigations | **PROVIDED** 10,017 immunizations

HIV Prevention

Provides free, confidential, anonymous testing and counseling, and links people to medical care and other resources.

ATTENDED 175 events | **COMPLETED** 1,055 HIV tests | **RESEARCHED** 900 clients for HIV linkage

MORE Center

Our Medication Oriented Recovery and Enhancement (MORE) Center provides medically monitored drug treatment (methadone) and counseling to patients addicted to opioids.

SERVED 151 patients | **SERVED** 14 pregnant patients at Louisville Metro Corrections | **REFERRED** 54 patients for Hep C follow up care

Syringe Exchange

An evidence-based harm reduction practice to reduce the spread of HIV and bloodborne diseases and connect people with substance use disorder treatment.

6,868 unique participants

32,834
visits

1,248,531
syringes collected

1,756,576
syringes distributed

1,680
Hep C tests

95
referred to Hepatitis
C treatment

1,568
HIV tests

50
referred to primary care
physician or hospital

90
referred to drug
treatment

Cancer Screenings

Works with several partner agencies to provide cancer screening and follow up care for breast and cervical cancer to income eligible persons.

723 women screened for breast and cervical cancers

372 Mammograms provided

160 Pap tests approved

249 women provided follow-up care for an abnormal clinical breast exam, Pap test, or mammogram

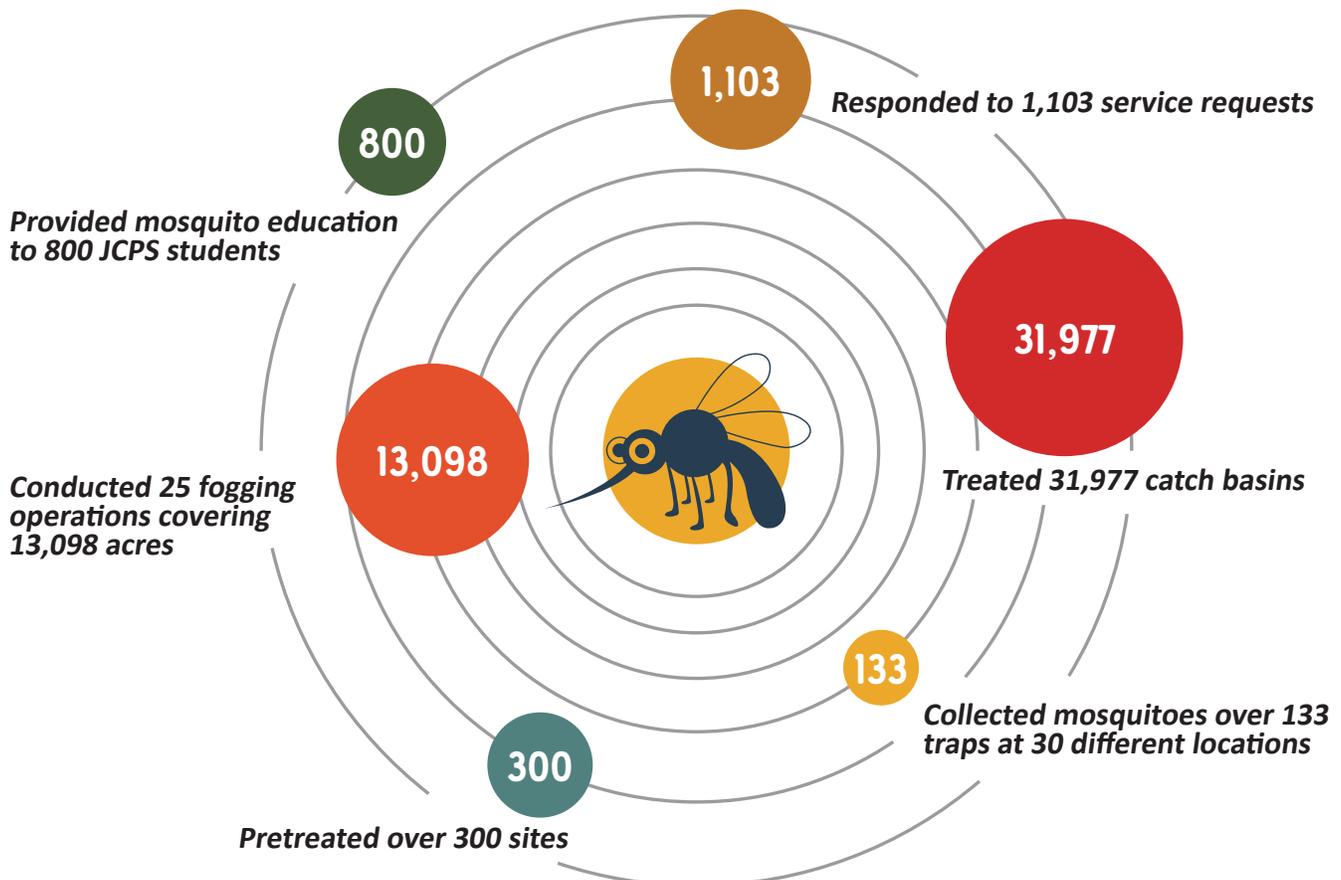
14 women referred to treatment for breast or cervical cancers or pre-cancers

Childhood Lead Poisoning Prevention

Strives to prevent lead poisoning in all children and pregnant women through training and education for parents, medical providers, school officials and property owners.

- Established the Louisville Lead and Healthy Homes Collaborative with over 20 cross-sector partners to reduce and eliminate the burden of lead exposure in Louisville through high-impact, collaborative efforts.
- Closed referral gaps by collaborating with the United Community initiative that uses technology to connect people with social services.
- Invited by NACCHO to conduct a webinar featuring our health-in-all-policies approach to childhood lead poisoning prevention.
- Case Management:
 - 363 children's cases managed
 - 186 new cases of children with elevated blood lead level (>5 µg/dL)

Mosquito Control



Hazardous Materials Response

Responds to hazardous material (chemical, biological or radiation) releases 24 hours a day 7 days a week to assess health impacts, assist first responders in mitigating effects, and advise responsible parties to ensure proper clean up.

RESPONDED

to 76 requests from local fire and police

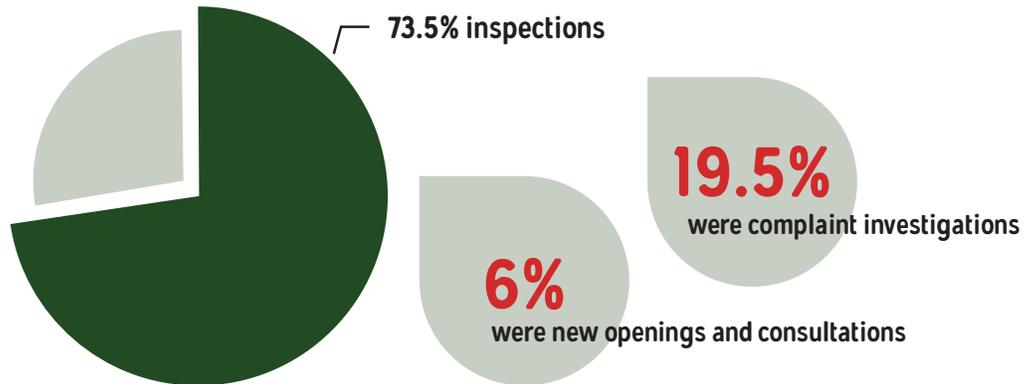
INVESTIGATED

402 indoor air quality/ mold complaints

Food Safety Program

Enforces state and local food safety and sanitation laws to prevent foodborne illnesses.

Provided
12,702
services (enforcement action, administrative activities, quarantine of food, facility closures, providing training and education, food manager compliance)



Environmental Health Plan Review

Reviews and approves construction plans to ensure adherence to all public health and safety laws.



*Fees introduced this year.

Public Facilities/Onsite Sewage Program

Enforces state and local public health and safety laws for tattoo and body art studios, hotels, motels, public swimming pools and spas, mobile home parks, and connections to septic or sewer systems.

Staff reviewed and provided revisions to ten (10) KY enforcement codes

Conducted 9,426 services:



Public Facilities/Onsite Sewage Program

...continued.



Collected **7,424** pool water samples for laboratory analysis

 = 1,000

INSPECTED

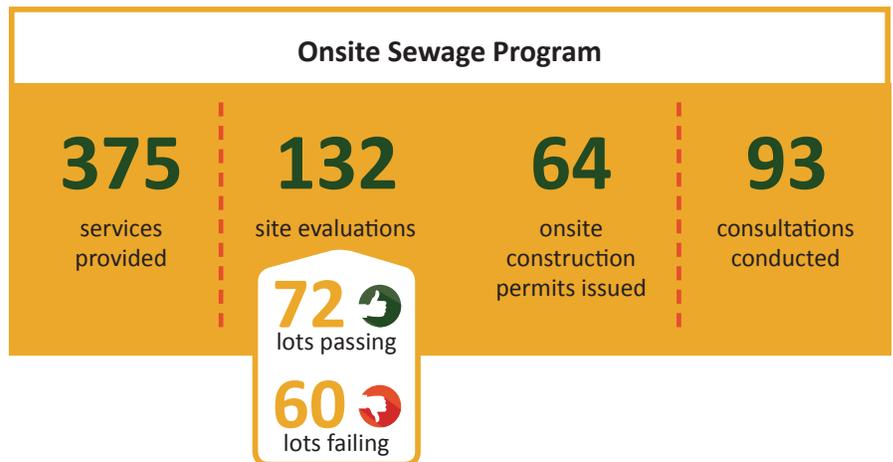
103 temporary
tattoo booths

&

CERTIFIED

235 tattoo artists

for Kentucky Exposition
Center tattoo convention.



Environmental Health Education



Public Health Preparedness

Plans and prepares for; coordinates the response to; and recovery from public health threats or emergencies in coordination with local, state, and federal agencies.

Enhanced disaster supplies inventory stored in Louisville Underground.

12,000 items valued at **\$600,000**

MAINTAINED

fleet of **10** fully stocked trailers to support a bioterrorism response

STOCKED

equipment and medical supplies to support up to a **50** bed Medical Needs Shelter

INVESTED

350 hours in reviewing and revising LMPHW Emergency Operations Plans to address emergency incidents

Public Health Laboratory

Our public health laboratory is focused on disease control and prevention. We provide timely and accurate test results for LMPHW and numerous partner organizations.

Our testing capabilities include:

- Sexually Transmitted Diseases (STD) (Chlamydia, Gonorrhea, Trichomoniasis, Herpes, Syphilis)
- Blood Lead
- Urine Drug Screens (UDS)
- Mycobacterium Tuberculosis Complex (MTB)
- Water (spas, hot tubs, recreational water)
- Mosquito (West Nile, LaCrosse Encephalitis, Eastern Equine Encephalitis and St. Louis Encephalitis viruses)

Test	Total Performed
Lead	4,390
CHLAM/GC	35,372
SYPHILIS RPR	7,792
SYPHILIS TP-PA	173
FTA	180
URINE – DRUGS OF ABUSE	34,731
MTB/RIF Nested PCR	112
Swimming Pools	6,894
PSEUDOMONAS	474
ST. LOUIS ENCEPHALITIS	424
EASTERN EQUINE ENCEPHALITIS	342
WEST NILE VIRUS	424
ZIKA VIRUS	424
HERPES/HSV 1+2	142
TB – QFT	486
HEPATITIS A RNA	13
HCV Quant RNA	13
Total Tests Performed	92,386



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