

		Years of Service
Administrator	Roxanne Smith, RN-BSN	13
Office Manager/Biller	Brandy Smith	7
Public Health Nurses	Leah McElhinney, RN	13
	Robin Grimm, RN-BSN	11
Home Health Aides	Patricia Wagg, HHA	8
	Mellisa Bandy, CNA	4
	Kelsey Newton, CNA	3
Board of Health:	Randy Griffin, Chair JoEllen Schantz, Vice Chair Jacinta Wangui, ARNP, Medical Director Tim Verink, Secretary Lynn Mincer	
Board of Supervisors:	Brad Quigley, Chair Chris Ball Randy Griffin	
Environmental Health:	Bruce Hudson, MPH, RUSS Director Brian Thye	

Public Health Services

Community Health Needs Assessment / Health Improvement Plan (CHNA/HIP)

In the summer of 2015, the Iowa Department of Public Health and Louisa County Public Health lead the Community Health Needs Assessment for Louisa County.

At the conclusion of the assessment, the top three health priorities were identified, areas on which to focus for the next five years. The top three priorities are:

- Elderly Wellness and Preventing Injuries from Falls
- Increased Vaccinations to Prevent the Spread of Disease
- Emergency Planning to Prepare, Respond, and Recover from Public Health Disasters

Based on information gained from the Community Health Needs Assessment process, the 5-Year Health Improvement Plan for the county was developed.

Due to the COVID-19 pandemic response by local public health departments, the CNHA-HIP that would have been completed in FY22 was again postponed by IDPH. However, LCPH partnered with the College of Public Health at the University of Iowa to utilize a PH student to assist the LCPH in creating a survey to use in gathering community data for the next CHNA-HIP cycle.

Emergency Preparedness

Louisa County Public Health is prepared to respond to public health emergencies and has detailed response plans to guide planning, operations, logistics and communications during emergencies.

Activities completed this year:

- Health Alert Network (HAN) test participation and completion of related activities.
- Continuous revision of the Public Health Emergency Plan.
- Assurance of the required staff competency in accordance with the Federal National Incident Management System (NIMS) standards.
- Provision of clear, concise, and effective education, information and consultation about the prevention, management, and control of communicable disease to the public and health care community.
- Continued planning and preparation to respond to pandemic influenza.
- Continued work in conjunction with Louisa County Emergency Manager to re-evaluate Louisa County's Open and Closed Points of Dispensing (PODs).
- Worked within a 16-county service area to plan, prepare, and coordinate the Service Area Region 5 activities and trainings.
- Planning, response, and mitigation of the COVID-19 pandemic through vaccines continued to be the focus of preparedness throughout the entirety of FY22.

Communicable Disease Surveillance

Communicable disease surveillance is in place to protect Louisa County residents from infectious diseases. Louisa County Public Health's purpose and responsibility in communicable disease investigation is to provide prompt investigation of possible outbreaks and to start control measures to contain further spread of disease to others. Communicable diseases are reported to local public health departments through a state-wide mandatory reporting system. This system of surveillance and reporting is maintained through communication channels between public health, private physicians, schools, nursing homes, and the Iowa Department of Public Health. In addition, the nursing staff at Louisa County Public Health field dozens of telephone calls over the course of the year on topics ranging from bedbugs and head lice to Influenza and Measles.

Louisa County Reportable Diseases 2021-2022

Active TB	0
Campylobacter	7
Brucellosis(**)	1
CRE Pseudomonas(*)(**)	1
Cryptosporidium	1
Salmonella*	6
Lyme Disease(*)(**)	4
Lyme Disease*	1
Giardia*	1
COVID*	2,551
Total	2,573

*Denotes disease follow up by the Iowa Department of Public Health interview team

**Denotes disease follow up, determined not to be a case

TB Infection Program

Early detection of tuberculosis infection and public education to reduce the risks of becoming active with TB infection is crucial. While most people diagnosed with Latent TB infection do not progress into active TB disease, there is a potential for this to occur. For this reason, people who have a positive TB skin test and have risk factors that increase their risk for developing active TB are provided with preventive antibiotics for 9 months. Louisa County Public Health Department works with the State of Iowa TB program, the client, and the client's physician to provide these medications free of charge. The local public health nurse provides ongoing monitoring on a monthly basis to assure the entire prescribed course of antibiotics is taken. There were zero clients case-managed through Louisa County Public Health's Latent TB program this fiscal year.

Louisa County had no active cases of TB this year. An active case of TB requires the public health nurse to see the patient daily, in-person, to monitor and administer drug therapies until the medications have converted the patient to a non-infectious status. This observation is referred to as Direct Observation Therapy, or DOT. The public health nurse continues to monitor the patient after converting for a prescribed length of time, usually nine months, to ensure the patient does not return to active TB status. The frequency of the continued DOT after conversion is often less, in most cases.

Immunization

The Louisa County Public Health Department's immunization program provides immunizations to both children and adults. In addition, the health department provides guidance and consultation to the medical community and the community at large.

The state-sponsored Vaccines for Children Program allows Louisa County Public Health to provide immunizations free of charge for children 0-18 years of age who meet certain guidelines, including enrolled in Medicaid, uninsured, underinsured, and American Indian or Alaskan Native. In addition, the immunization program provides seasonal influenza vaccinations during public influenza clinics and influenza clinics held at county businesses and worksites.

This year, COVID-19 vaccines remained in the forefront of vaccination efforts as staff continued to offer doses for original series, as well as boosters as they became available. In FY22, LCPH staff administered 807 vaccines to our residents and partnered with local pharmacies and providers to ensure COVID-19 vaccine access across our county.

Louisa County Public Health provides services to improve vaccination compliance in Louisa County, including reminding patients of appointments, recalling children who are behind schedule with immunizations, as well as encouraging medical providers to use the Immunization Registry Information System (statewide database).

Total Doses Administered By Vaccine Type Comparison

	2020-21	2021-22		2020-21	2021-22
DTap	7	6	Hep B, adult	11	0
Tdap	37	36	Hep A, adult	0	0
Tdap (Adult)	36	11	Hep A, child	15	12
DTap-Hep B-IPV	22	26	HPV	34	19
DTap-IPV	9	13	Varicella	18	24
Td (total doses)	0	0	Meningitis (MCV4)	125	76
IPV (Polio)	10	1	Meningitis B	15	4
MMR	18	20	Seasonal Influenza	519	379
PCV13	21	30	Seasonal Influenza, VFC	80	31
Hib	20	22	Pneumonia	3	1
Hep B, Child	0	1	Shingles	6	3
Rotavirus	10	15	COVID-19	2,294	807
			Total	3,300	1,537

School Immunization Audit comparison data

	2020-21	2021-22
Number of schools /childcare centers audited	8	6
Records reviewed	2,266	2,276
Medical exemptions	2	2
Religious waivers	35	41
Non-valid records	7	9
Provisional certificates	31	41

Each year, Louisa County Public Health staff audits the immunization records of all students enrolled in the school system and all registered day cares and pre-schools in the county. School immunization audits ensure compliance with Iowa Immunization Law and assure protection for all children from communicable diseases. A total of 2,276 records were reviewed this year, including schools, preschools, and childcare centers. Two medical exemptions and 41 religious exemptions were

documented during the audit. A total of nine children did not have a valid immunization certificate at the time of the audit. Provisional certificates were provided to students who were behind schedule on receiving immunizations, allowing families a specifically allotted amount of time to get their child immunized. A total of 41 provisional certificates were provided this last school year. School nurses, preschool teachers, and the local public health nurses all worked with the families to assure that the required immunizations were received and on file at the school.

Environmental Health

This program is overseen by Regional Utility Service Systems (RUSS) and is instrumental in preventing the spread of disease through the environment. RUSS utilizes the Grants to Counties (GTC) offered through IDPH to extend services to residents at little to no charge.

The services available to our residents include:

- Wells: Water testing, permits, and reimbursement for plugging
- Septic permits for new installation and alterations
- Nuisance complaints
- Pool, tattoo, and tanning inspections

Home Health Services

Skilled Nursing

Our agency continues to provide care through a Medicare certified home health program and serves the county residents regardless of their ability to pay. Home Health nurses work to provide care using the team approach. They complete evaluations in homes to determine which services would benefit our patients and collaborate with doctors and other providers to bring services to the patient. Our goal is to allow our seniors to live out their final years safely in the comfort of their own homes.

The Agency receives reimbursement for services through private insurance, Medicaid, and Medicare. The Local Public Health Services grant through IDPH and a Milestones grant through AAA allow our staff to provide services that may not be covered by insurance. Eligibility is determined through financial criteria when a patient has no insurance or other means to pay.

Skilled Nurses provide in home care for many medical problems. Registered Nurses may perform evaluation and teaching for many chronic diseases such as heart failure, diabetes, and chronic respiratory problems. They may also perform complicated wound care, assist patients in administration of intravenous antibiotics, coordinate with other providers, and assist the patient in making connections with other services throughout the community. Our home health team meets regularly to review changes being made to the program at federal and clinical levels and determine process changes necessary to assure that these requirements are placed into daily processes.

2021 - 2022 skilled nursing visits = 855

- Nursing assessment & evaluation
- Care of and management of chronic diseases such as Diabetes & Congestive Heart Failure
- Medication set-up & teaching
- IV infusion therapy
- Wound care (simple & complicated)

Home Health Aide/Homemaker

This program provides personal care and light housekeeping tasks to the residents of Louisa County enabling them to remain safely in their homes.

There is a wide variety of services that are available to our clients, such as:

- Showers & bed baths
- Hair shampoo & skin care
- Assistance with dressing & undressing
- Light housekeeping & laundry
- Errands & meal prep

Home Health Aides completed 1,425 visits over the past fiscal year and Homemakers completed 1,518 visits over the past fiscal year.

Newborn Home Visiting

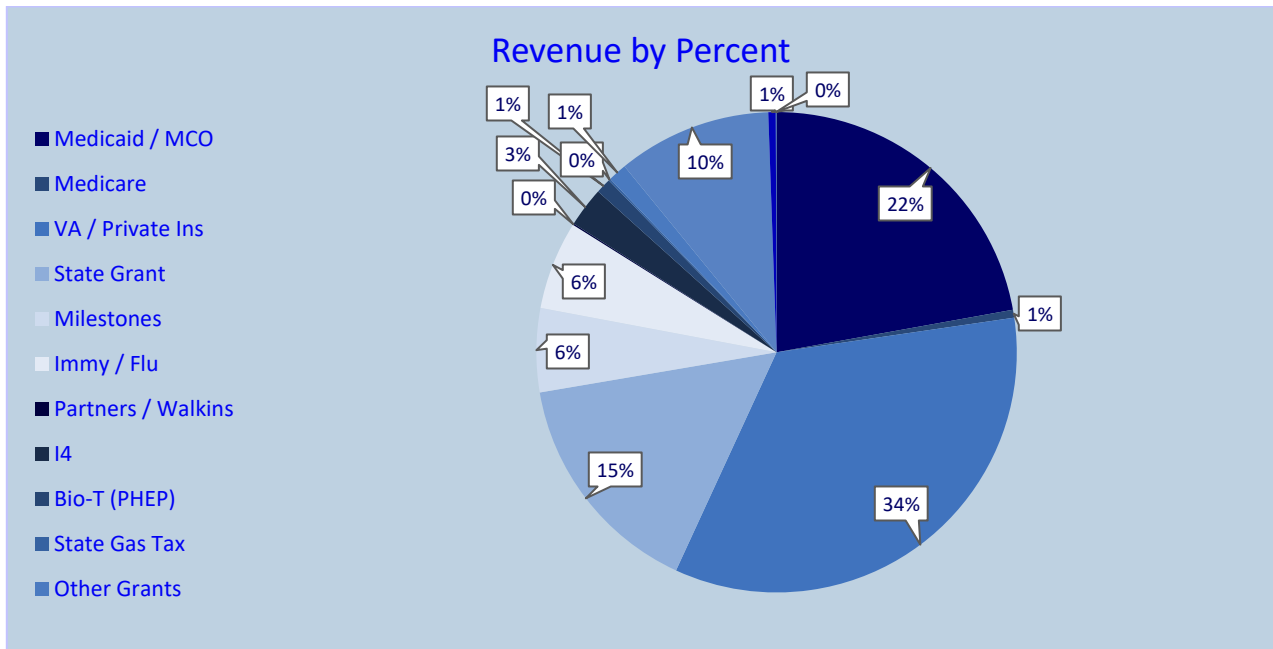
The Newborn Home Visiting program offers a home visit to any infant residing in Louisa County regardless of socioeconomic status. The visits are a free service paid for through the Louisa Local Public Health Services Grant. A referral for the program may come from a hospital OB discharge, family physician, or be self-referred.

This program continues to struggle getting referrals, in large part due to the lack of an in-county hospital to make the OB discharge referral. No newborn home visits were provided this year.

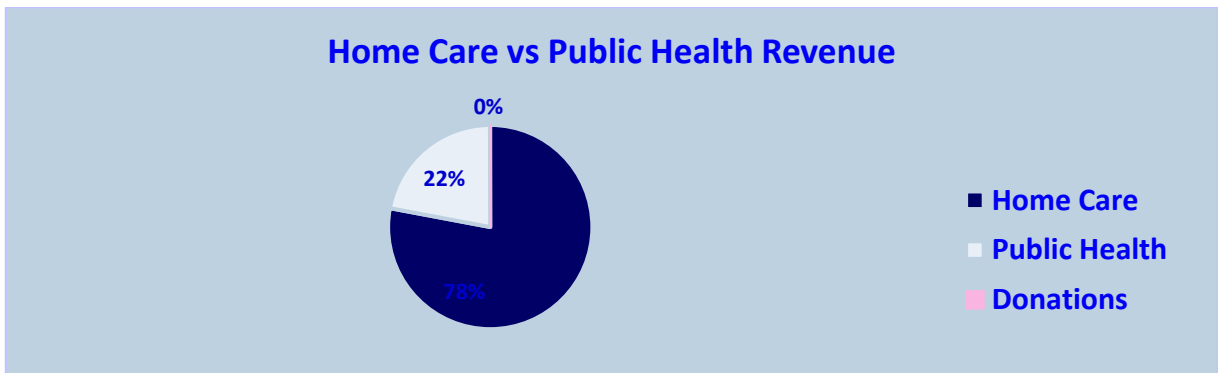
Services provided include:

- Maternal postpartum and newborn assessments
- Breastfeeding support
- Answer questions or help the family find answers to questions
- Inform of resources or refer if needed
- Educational information about infant growth/development, safety, immunizations, shaken baby syndrome, and baby blues.
- Free infant safety equipment such as cabinet locks, outlet covers, doorknob locks, car mirrors, and grooming kits.

FY22 Revenue by Source



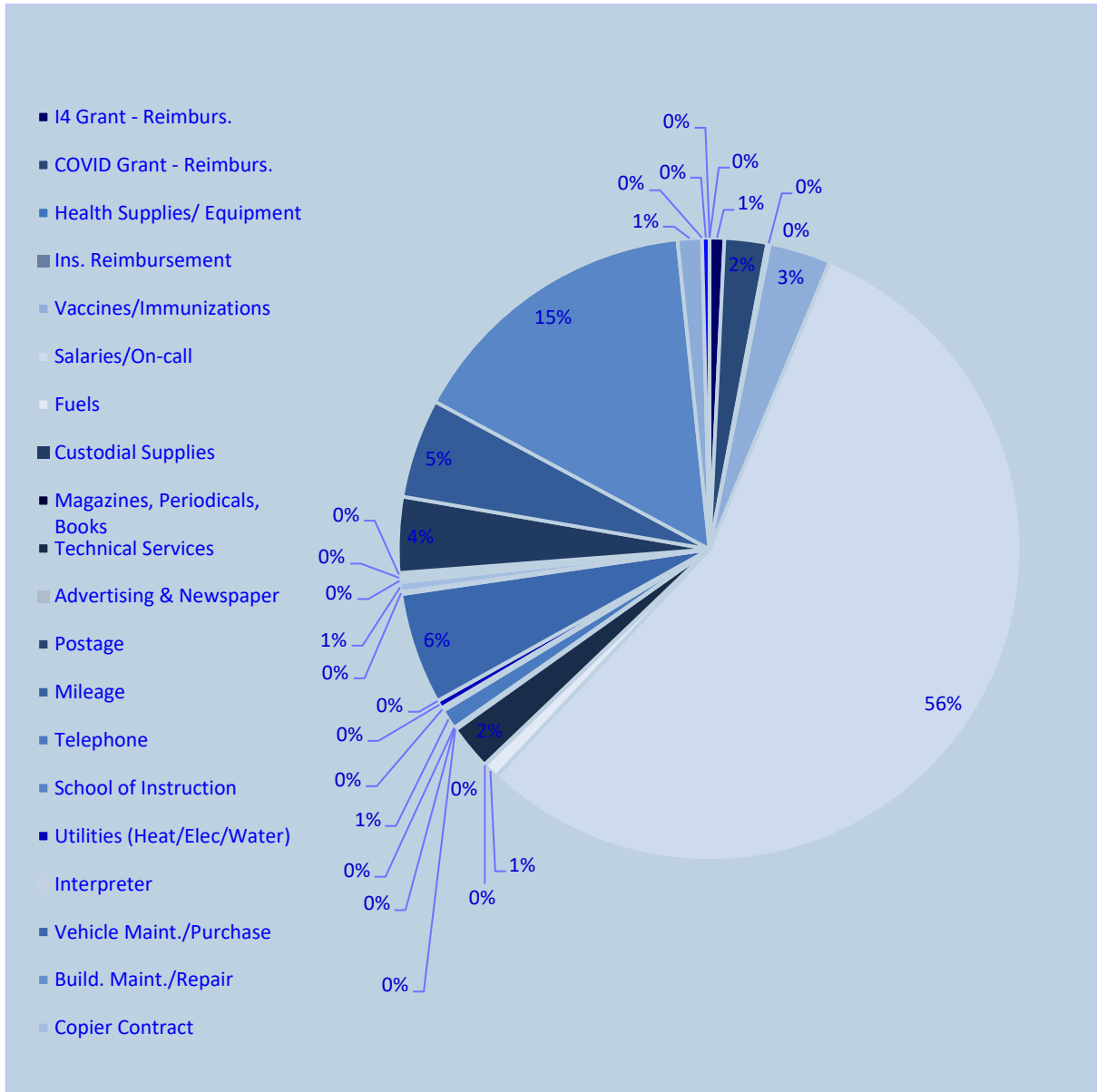
FY22 Home Care vs. Public Health Revenue



FY22 Financial Overview

Total Agency Generated Revenue	\$364,528.33
Actual Expense	\$608,686.76
Actual Revenue	\$364,528.33
Actual County Funded	\$244,158.43
County Planned to Fund	\$299,761.00
Overage	(\$55,602.57)

FY22 Expenditure by Source



Report Submitted by: _____
Agency Administrator

Date: _____

Reviewed by: _____
Board of Health Chair

Date: _____

Reviewed by: _____
Board of Supervisors Chair

Date: _____