

DELAWARE COUNTY HEALTH DEPARTMENT

Environmental Health Division

Program overview

Current Environmental Health Programs

Food Safety

Public Bathing Place

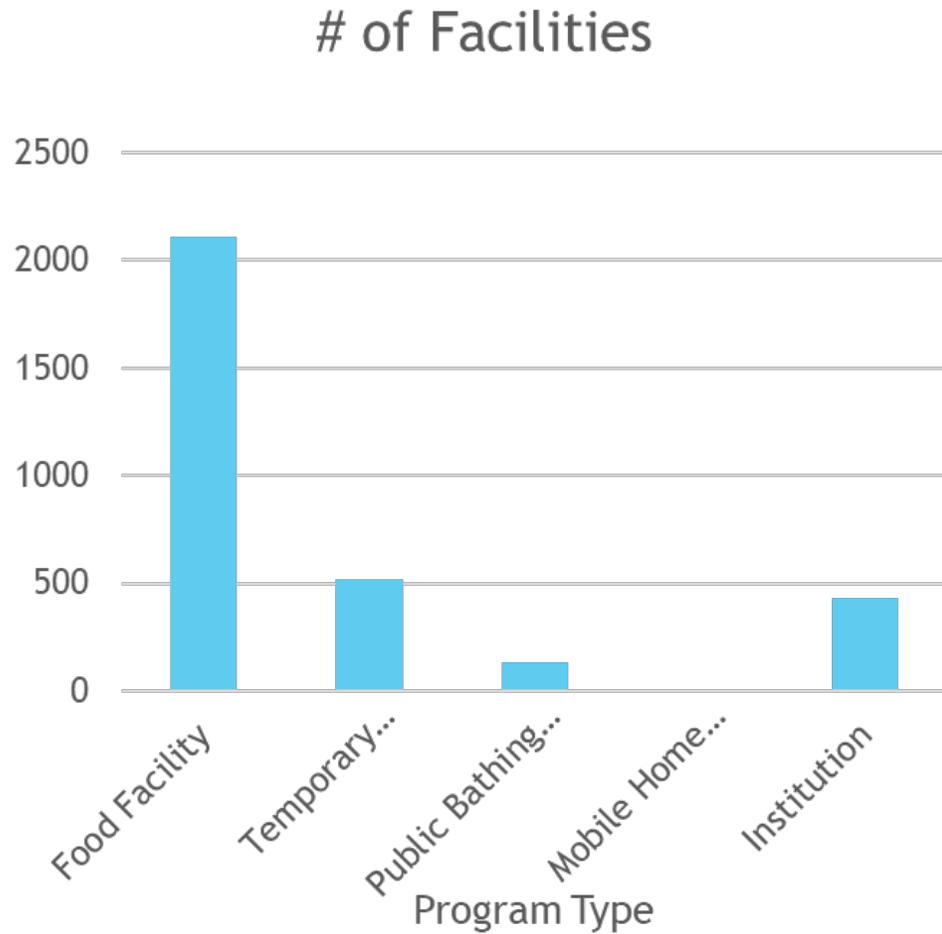
Organized Camps/Campgrounds/Mobile Home Parks

Institutions: Schools, ECLC, Hospitals, LTC facilities

Mosquito Borne Disease Control

On lot Septic

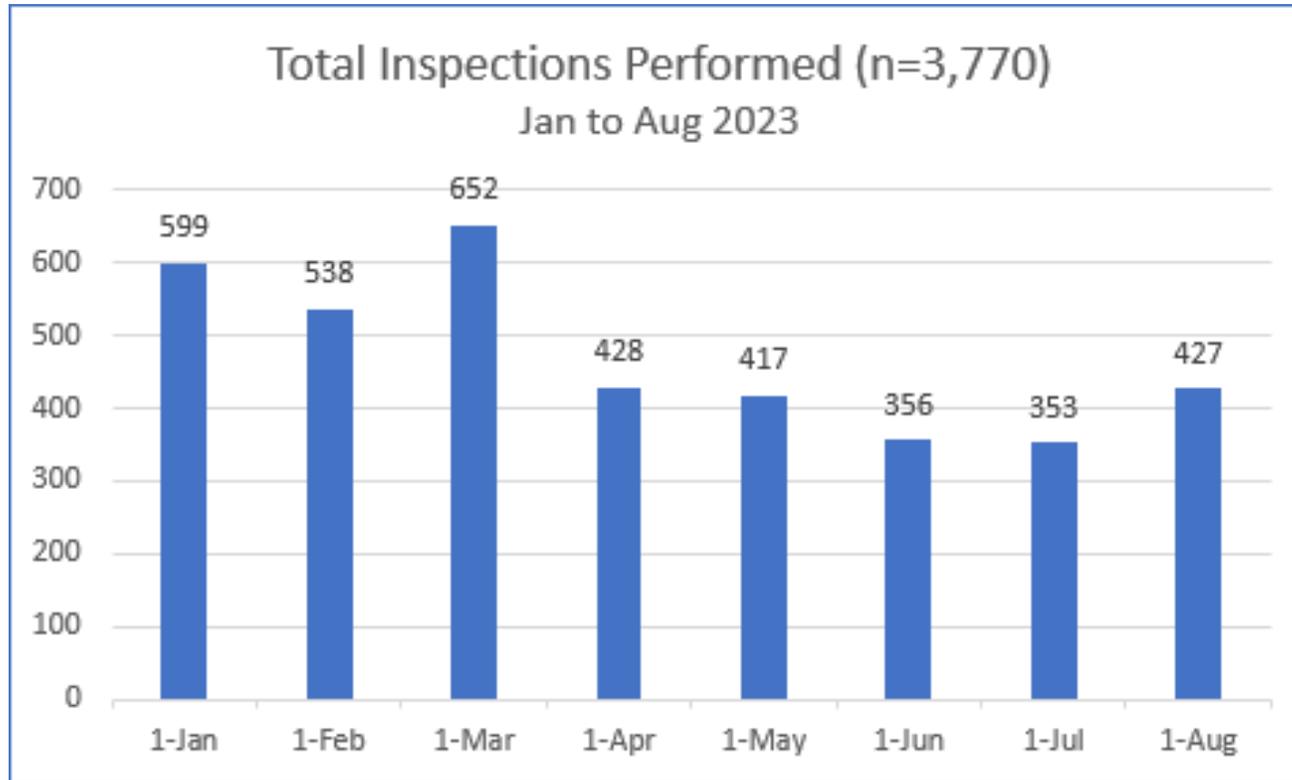
Water Well



Facilities

	# of Facilities
Food Facility	2111
Temporary Event	521
Public Bathing Place	136
Mobile Home Park	2
Institution	435
Total	3205

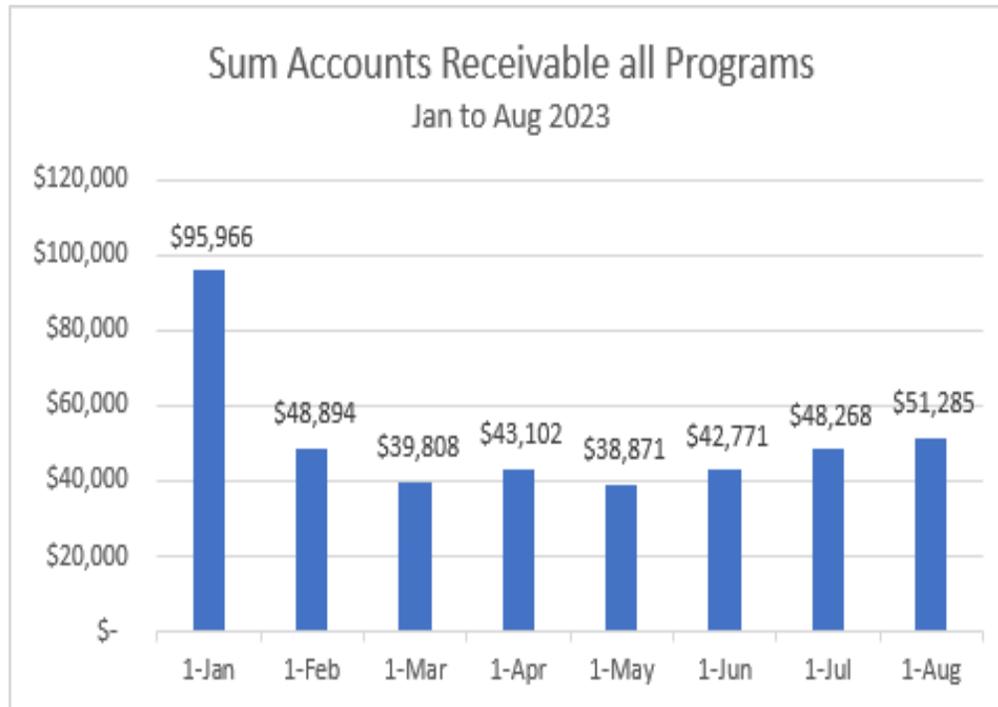
2023 Inspection Totals- All Facilities



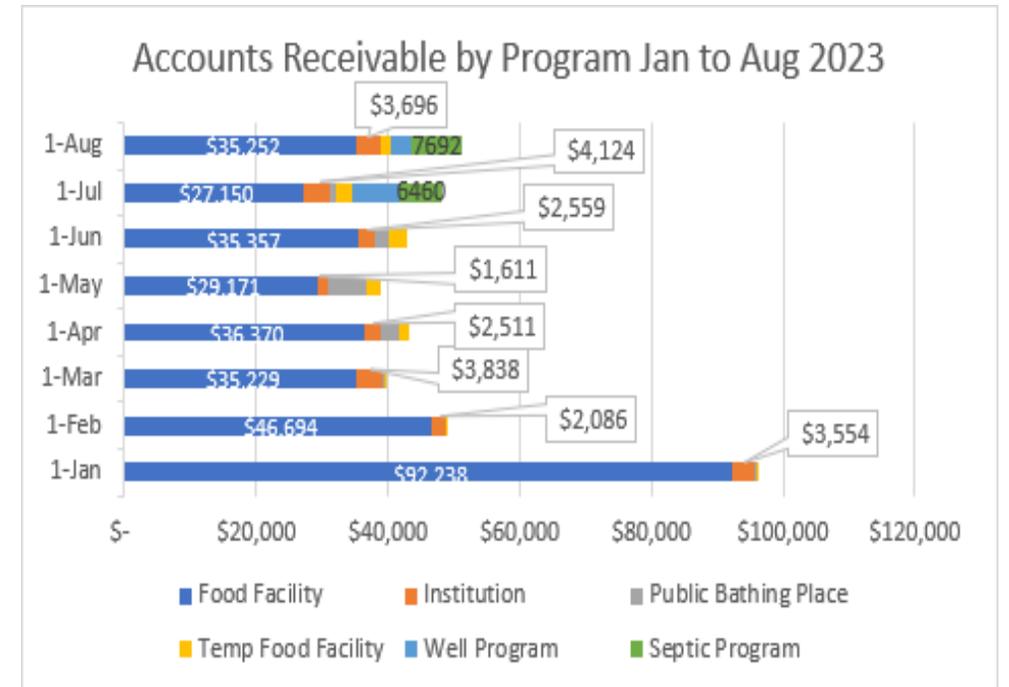
- ▶ IMS system implemented 8/2022
- ▶ 19 Full time staff
- ▶ 1 part time staff
- ▶ 13 zones
- ▶ 49 municipalities (7 injunction)

Accounts Receivable

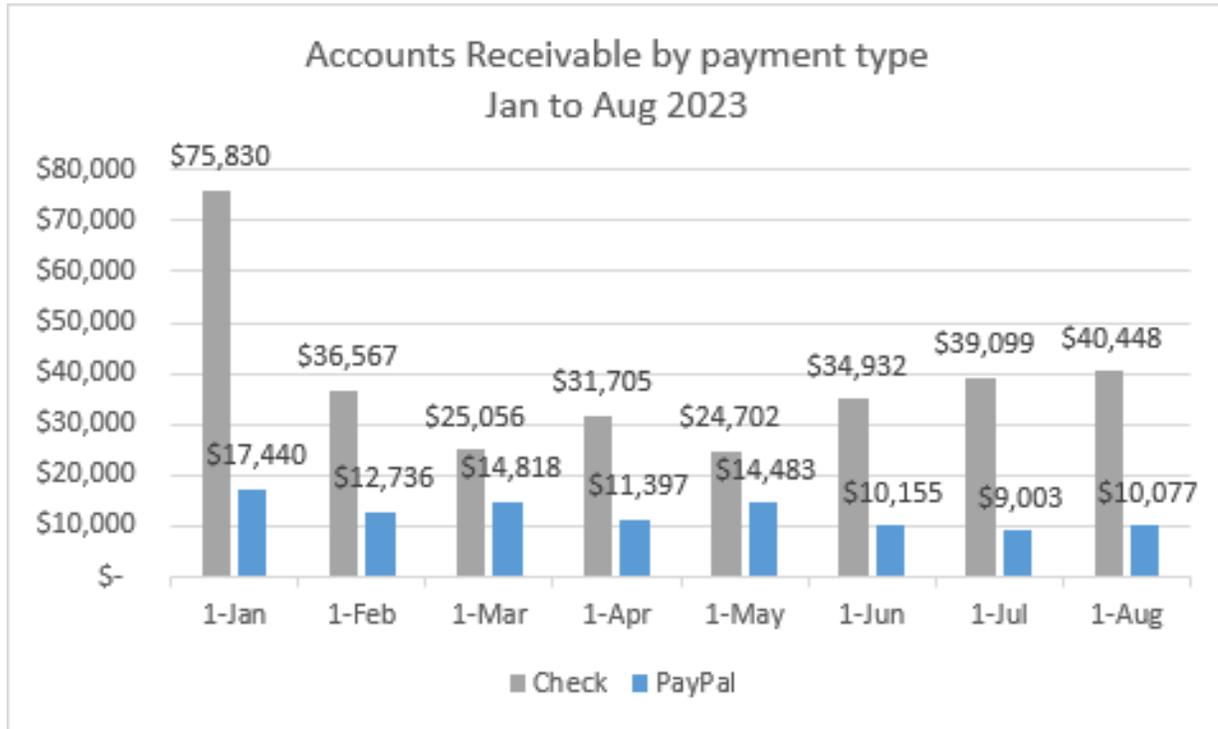
All Programs



By Program

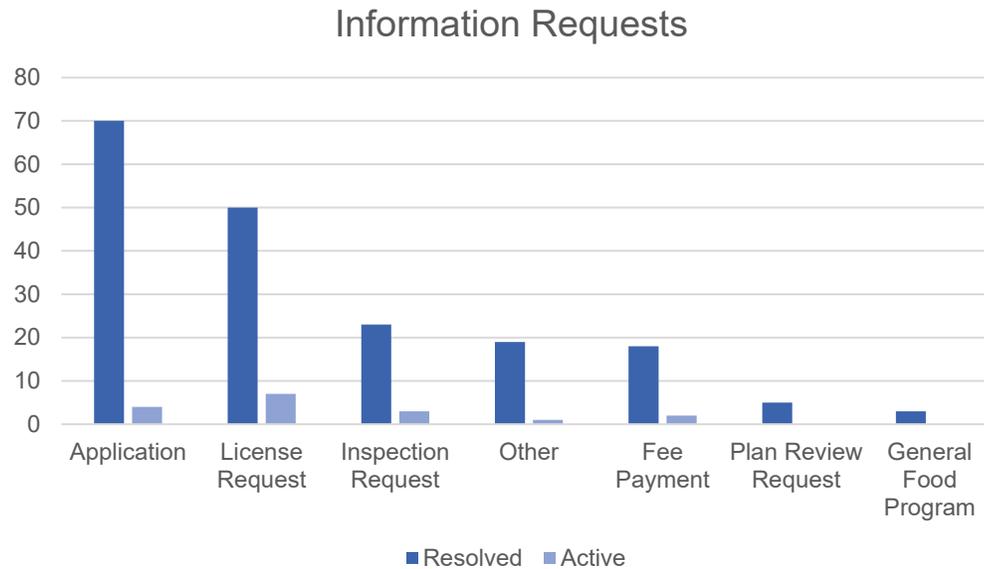


Accounts Receivable By Payment Type



- ▶ Payments accepted by check, money order, or credit card by PayPal only
- ▶ Checks arrive in person and by mail
- ▶ Moving towards Municipay (electronic payment processing), which will be integrated with IMS and County accounts, will allow for alternative credit card payments (associated fees included)

Call Volume: General Information Requests



Info Request		
Type of Complaint	Resolved	Active
Application	70	4
License Request	50	7
Inspection Request	23	3
Other	19	1
Fee Payment	18	2
Plan Review Request	5	0
General Food Program	3	0
Total	188	17



Food Safety

Environmental Health's Role in Food Safety

Determine sources of foodborne illnesses

Annual changes in the number of illnesses

Investigate foodborne disease outbreaks

Implement systems to better prevent illnesses and detect and stop outbreaks

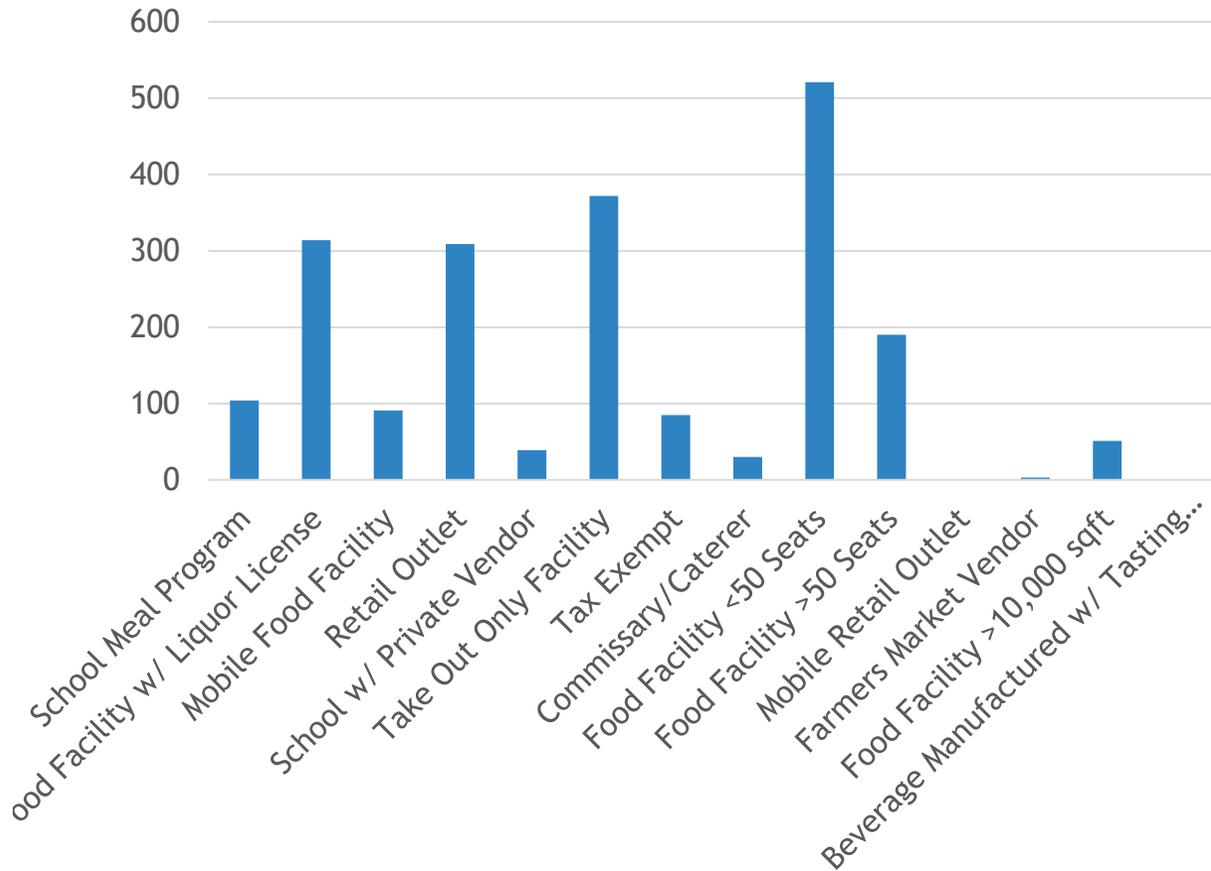
Begin to use data to determine whether our prevention measures are working and where we can focus our future efforts

- ▶ Conduct food safety inspections
- ▶ License retail food facilities
- ▶ Document, respond and investigate food safety complaints, food borne illness and outbreaks reported to DCHD
- ▶ Respond to food safety complaints
- ▶ Review plan review applications within regulated timeframes
- ▶ Provide public access to food safety inspection reports
- ▶ Provide an educated approach to compliance of PA Food Code and DCHD Health Codes
- ▶ Conduct at least one annual inspection at all retail food establishment
- ▶ Review plans for construction, remodeling, or alteration of retail food facilities

Current Food Safety Services

Food Program

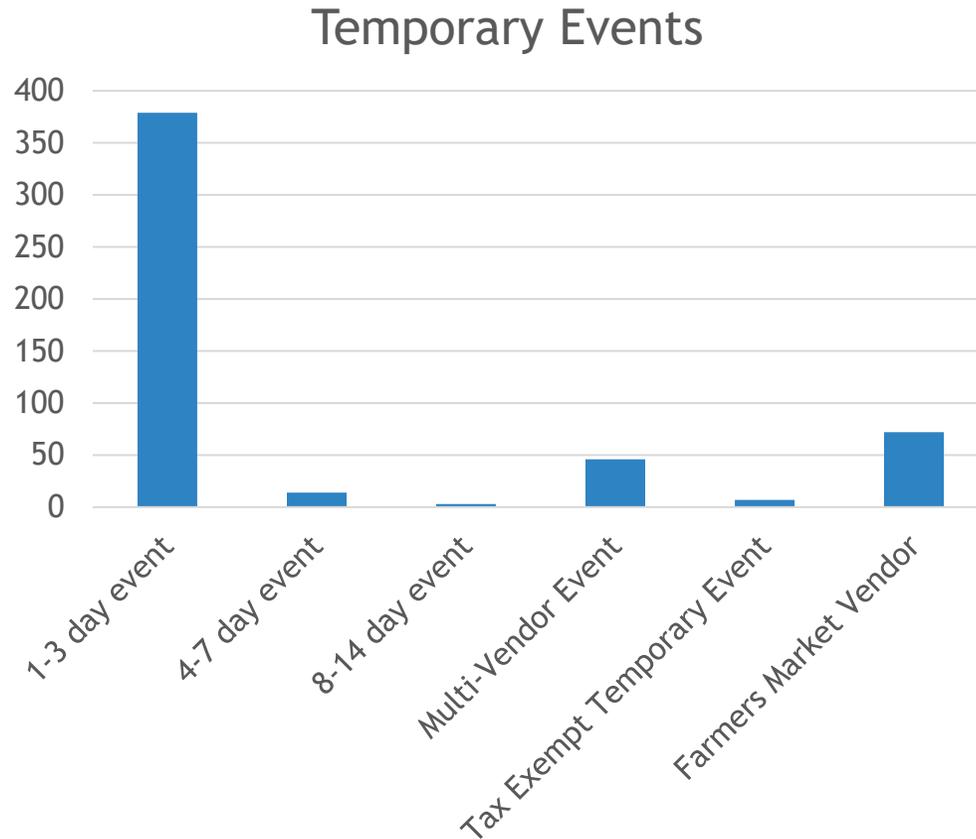
Number of Facilities- Food Program



of Facilities- Food Program

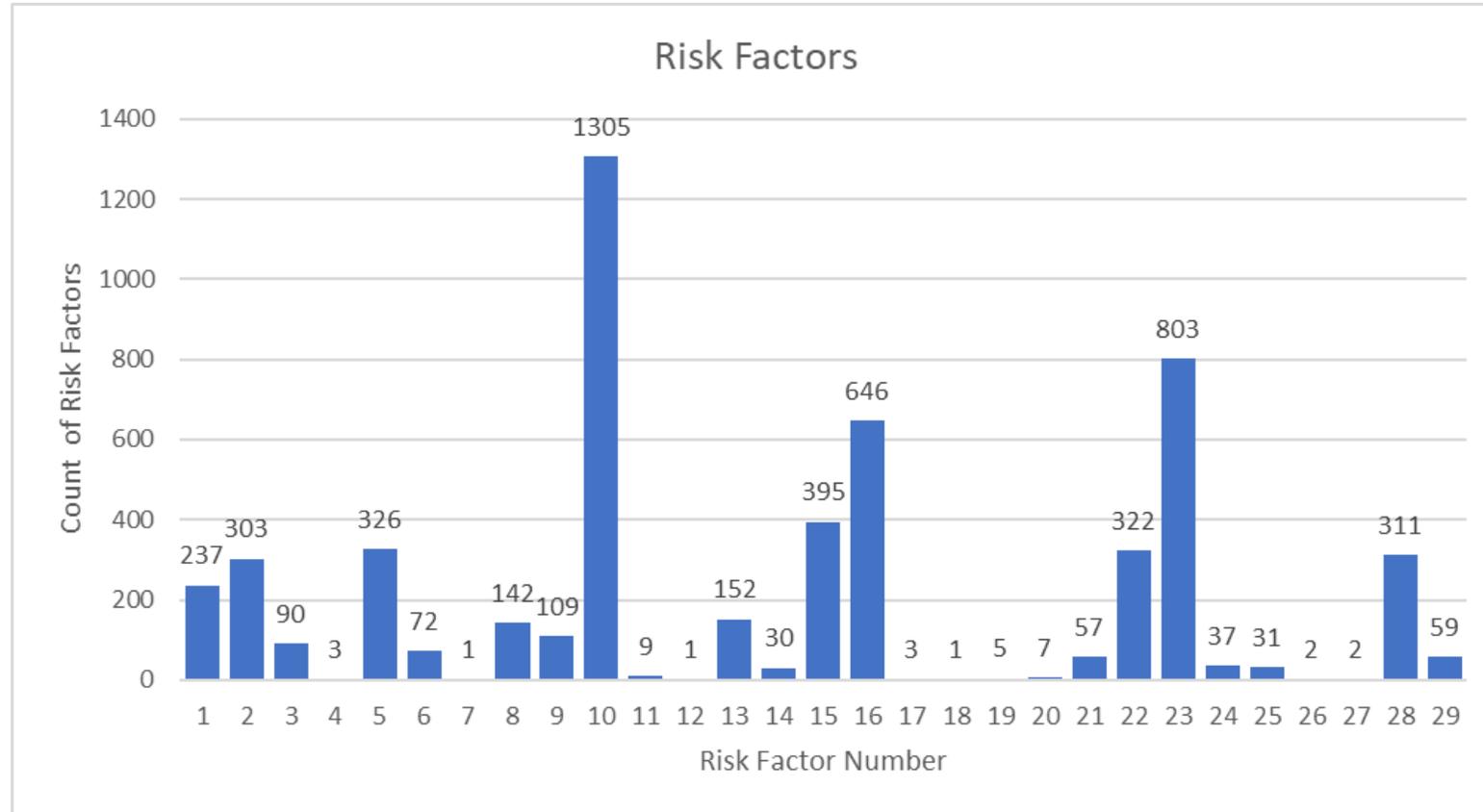
School Meal Program	104
Food Facility w/ Liquor License	314
Mobile Food Facility	91
Retail Outlet	309
School w/ Private Vendor	39
Take Out Only Facility	372
Tax Exempt	85
Commissary/Caterer	30
Food Facility <50 Seats	521
Food Facility >50 Seats	190
Mobile Retail Outlet	1
Farmers Market Vendor	3
Food Facility >10,000 sqft	51
Beverage Manufactured w/ Tasting Room	1
Total	2111

Temporary Events



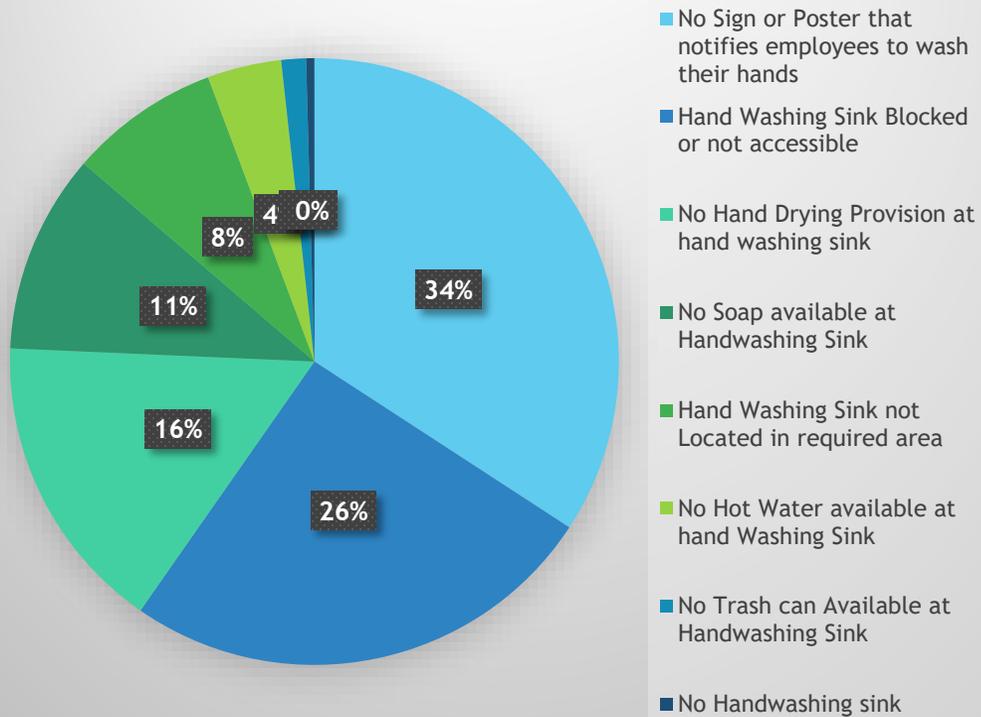
Temporary Events	
1-3 day event	379
4-7 day event	14
8-14 day event	3
Multi-Vendor Event	46
Tax Exempt Temporary Event	7
Farmers Market Vendor	72
Total	521

Priority Violations



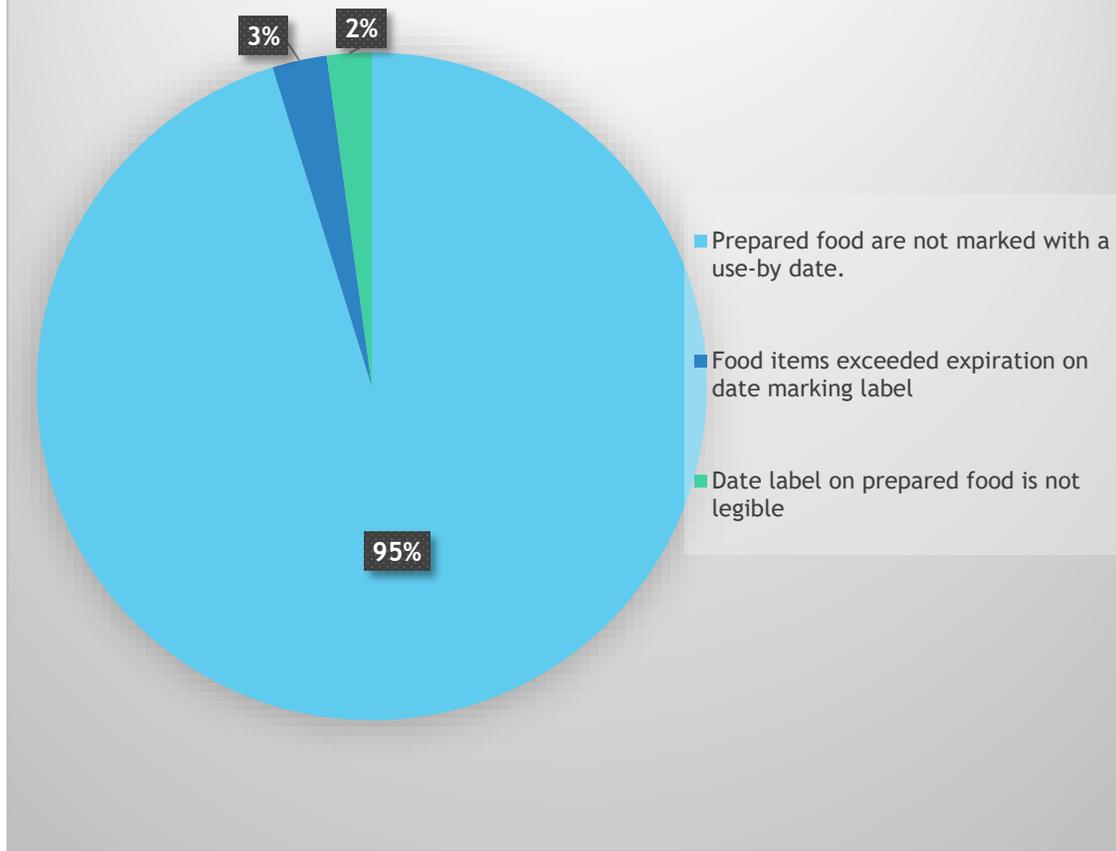
August 1, 2022 To August 28, 2023

Handwashing Sink Violations

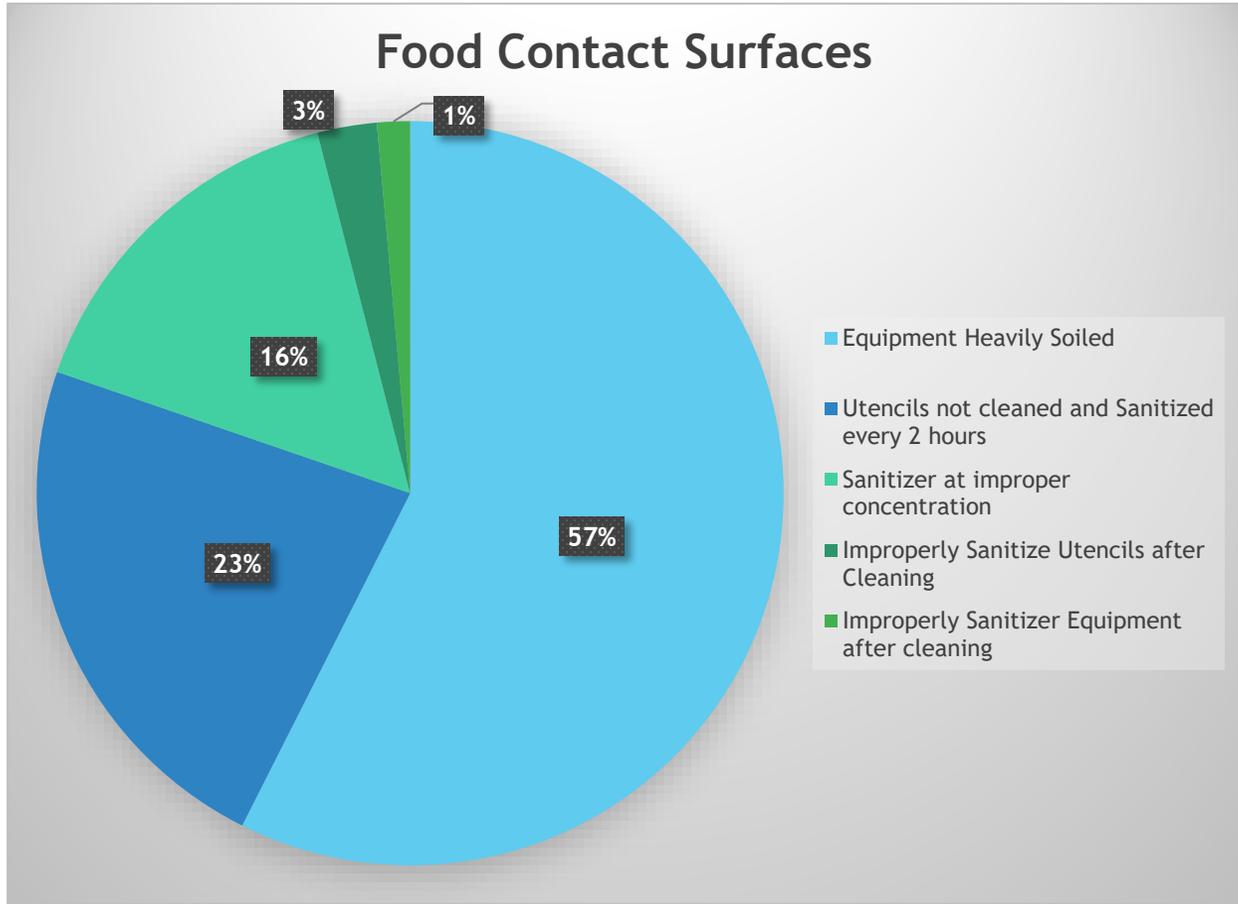


#10 Adequate Handwashing Sinks Properly Supplied and Accessible

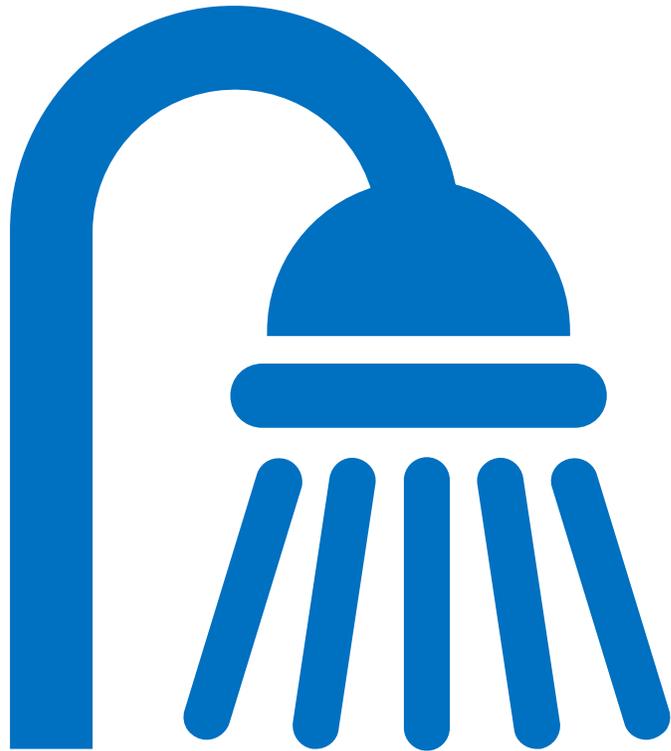
Date Labeling Violations



#23 Proper Date Labeling of Prepared Food



#16 Food-Contact Surfaces, Cleaned and Sanitized



Public Bathing Place

Environmental Health's Role in Public Bathing Places

1

Identify hazards through permitting and inspecting public swimming pools

2

Implement systems to better prevent illnesses, detect and stop outbreaks

3

Begin to use data to determine whether our prevention measures are working and where we can focus our future efforts

DCHD's Current Bathing Place Services



Conduct Public Bathing Place (Pools) Inspections and permit all facilities within Delaware County



Document and investigate all public bathing place complaints reported to DCHD

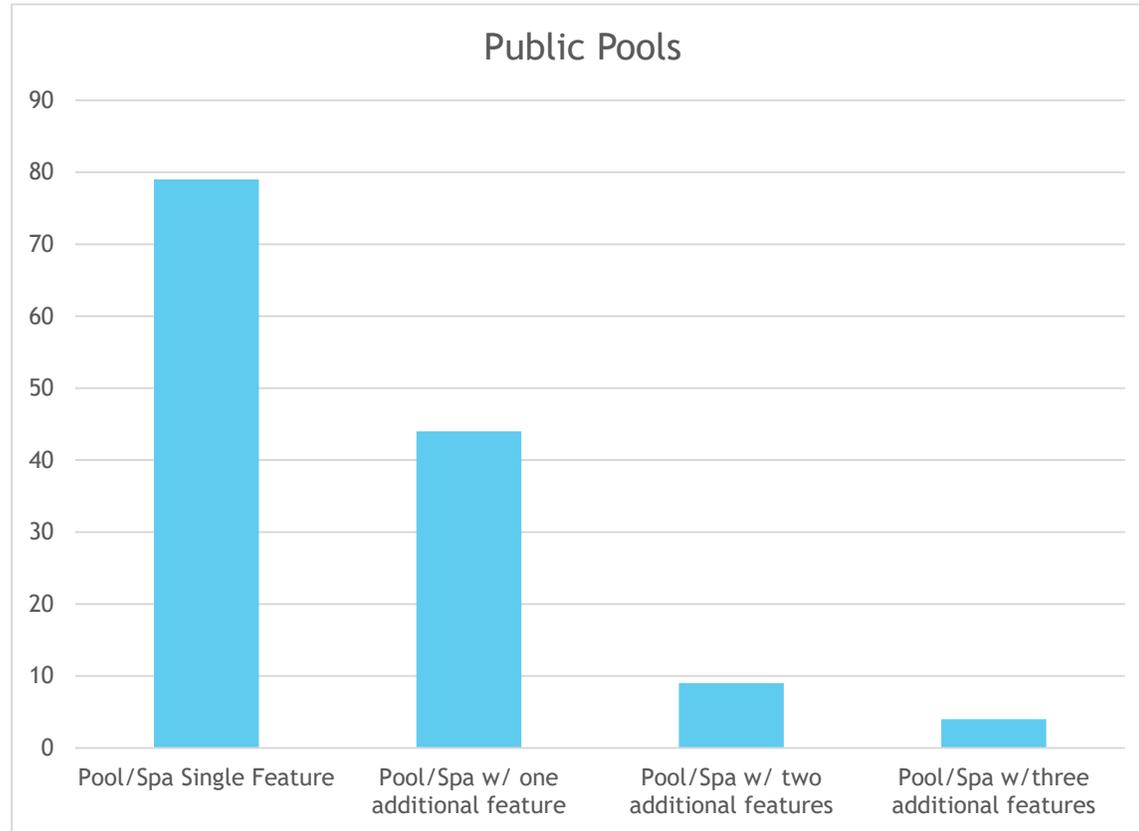


Monitor and Report abnormal lab results to facility owner or manager within 24 hours

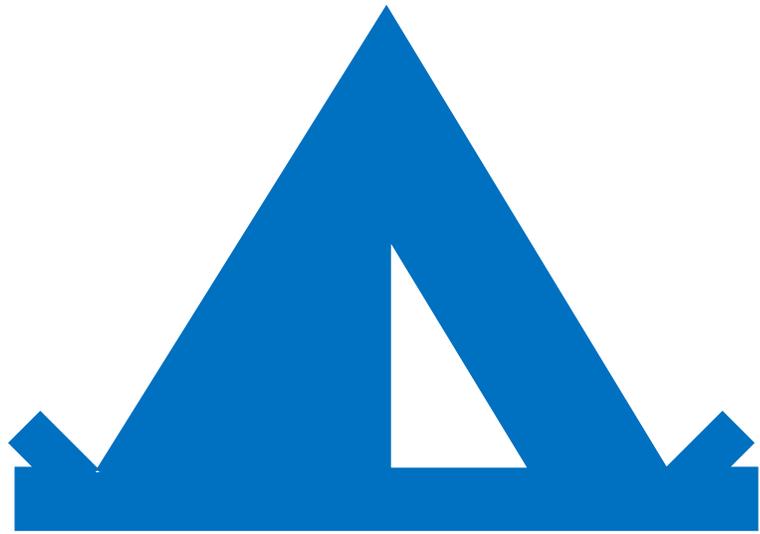


Provide an educated approach towards compliance of the Pa Bathing Code and DCHD Health Codes

Public Bathing Place



	# of Pools
Pool/Spa Single Feature	79
Pool/Spa w/ one additional feature	44
Pool/Spa w/ two additional features	9
Pool/Spa w/three additional features	4
Total	136



Organized Camps,
Campgrounds, Mobile
Home Parks

Environmental Health's Role

Promote and enhance the health and well being of all people in Delaware County

Review data and implement public health interventions to prevent illness, outbreak and disease

Current Organized Camps, Campgrounds, Mobile Home Park Services

1

Conduct inspections and issue certification in regulation with the Delaware County Health Codes

2

Respond to all complaints reported to DCHD

3

Document and investigate all communicable disease outbreaks reported to DCHD



Institutions

Environmental Health's Role in Institutions

- ▶ Early Childhood Learning Centers (ECLCs)
- ▶ Long Term Care Facilities
- ▶ Hospitals
- ▶ Schools

Promote and enhance the health and well being of all people in Delaware County

Review data and implement public health interventions to prevent illness, outbreak and disease

DCHD's Current Institution Services

1

Conduct inspections and issue certification in regulation with the Delaware County Health Codes

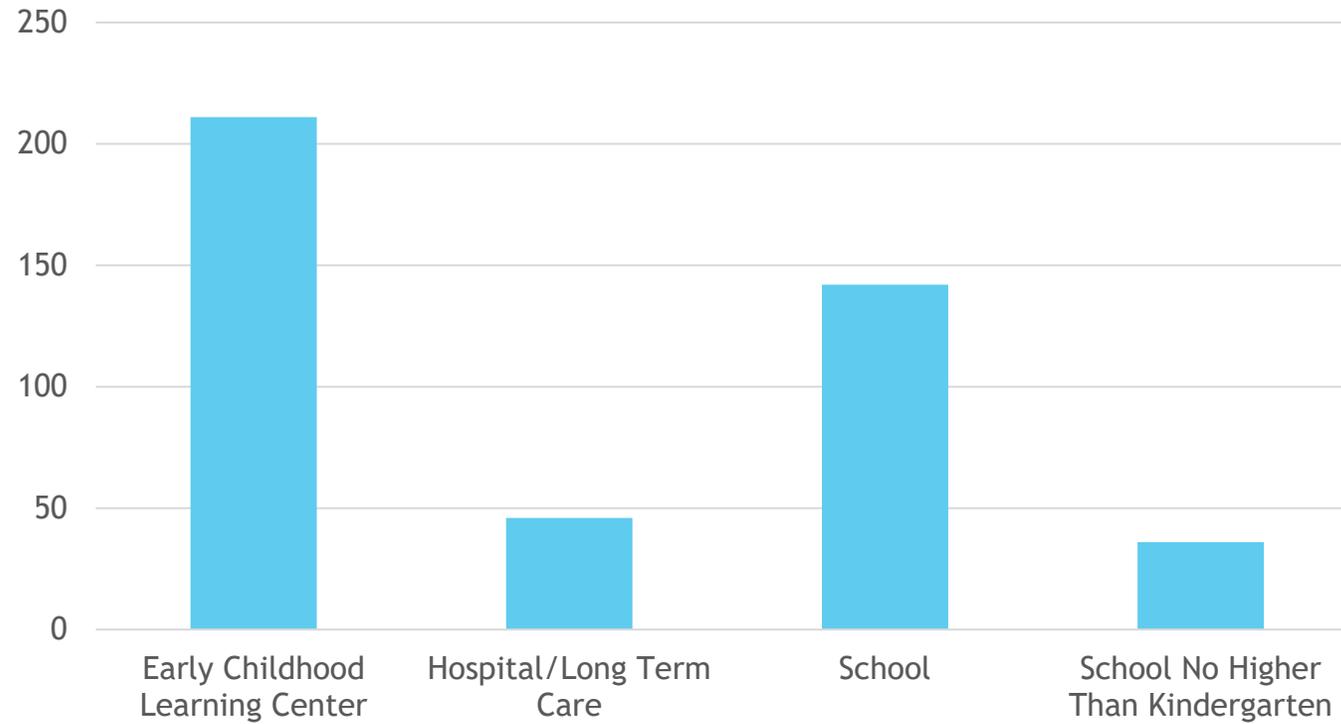
2

Respond to all complaints reported to DCHD

3

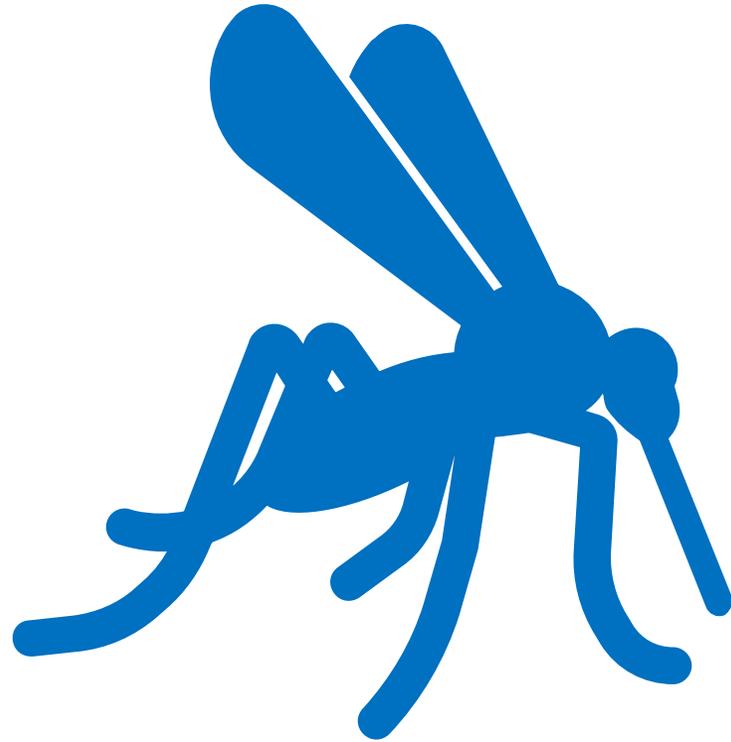
Document and investigate all communicable disease outbreaks reported to DCHD

Institutions



Institutions

Early Childhood Learning Center	211
Hospital/Long Term Care	46
School	142
School No Higher Than Kindergarten	36
Total	435



Mosquito Borne Disease Control Program (MDC)

Environmental Health's Role in Mosquito-Borne Disease Control:

WNV is transmitted by mosquitos, early detection and control are key

To help detect, track and control West Nile Virus

The Pa DOH, DEP and PDA developed a comprehensive surveillance program

The DOH conducts lab testing to confirm WNV mosquito pools and monitors for human cases

The program uses principles of Integrated Pest Management and focuses on education, habitat reduction, surveillance and control

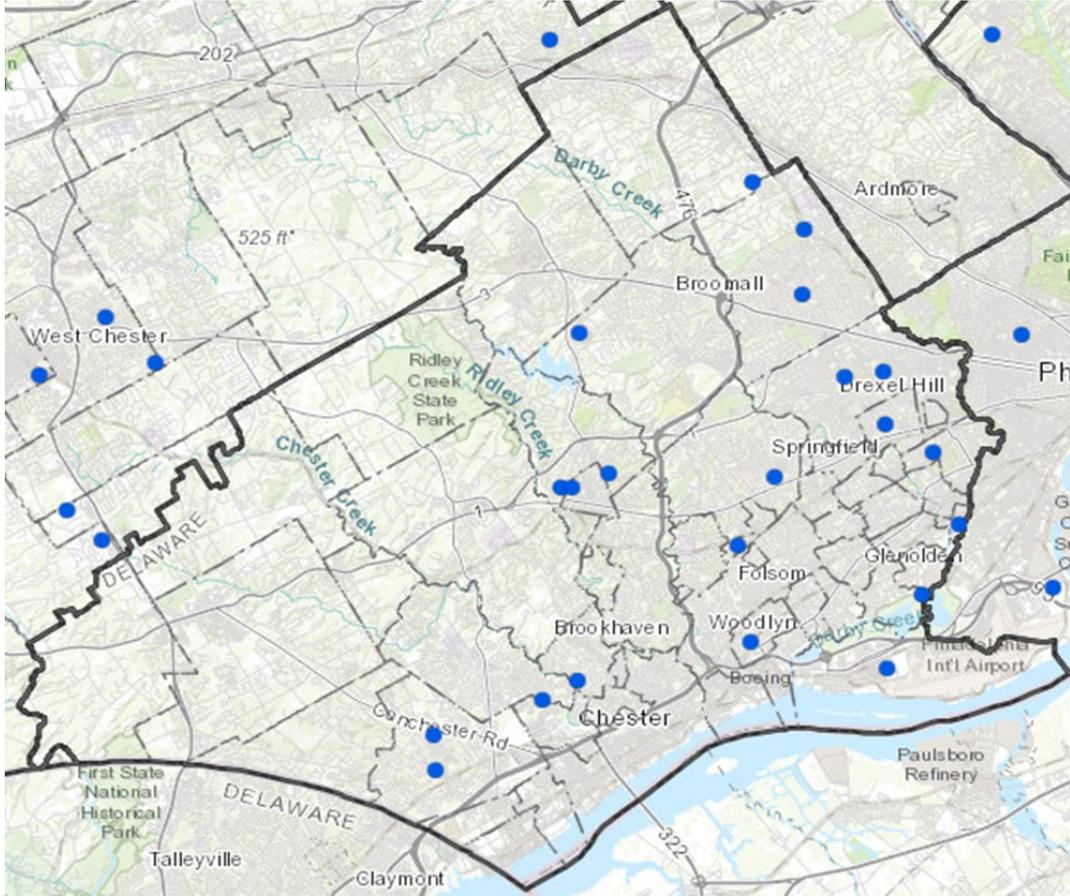
- ▶ Conduct adult mosquito surveillance in Delaware County
- ▶ Conduct larval sampling in identified locations within Delaware County
- ▶ Conduct tick drags for classification
- ▶ Report data in state software system
- ▶ Perform adulticide treatments when indicated by a vector index greater than 300
- ▶ Communicate results and treatment plans to local governments and through media channels
- ▶ Provide education material and teaching in areas of noncompliance and/or high risk identified areas
- ▶ Create and distribute educational materials in the community on preventing vector born disease and eliminating mosquito harborage
- ▶ Document and investigate all communicable disease outbreaks and complaints reported to DCHD

Current Services

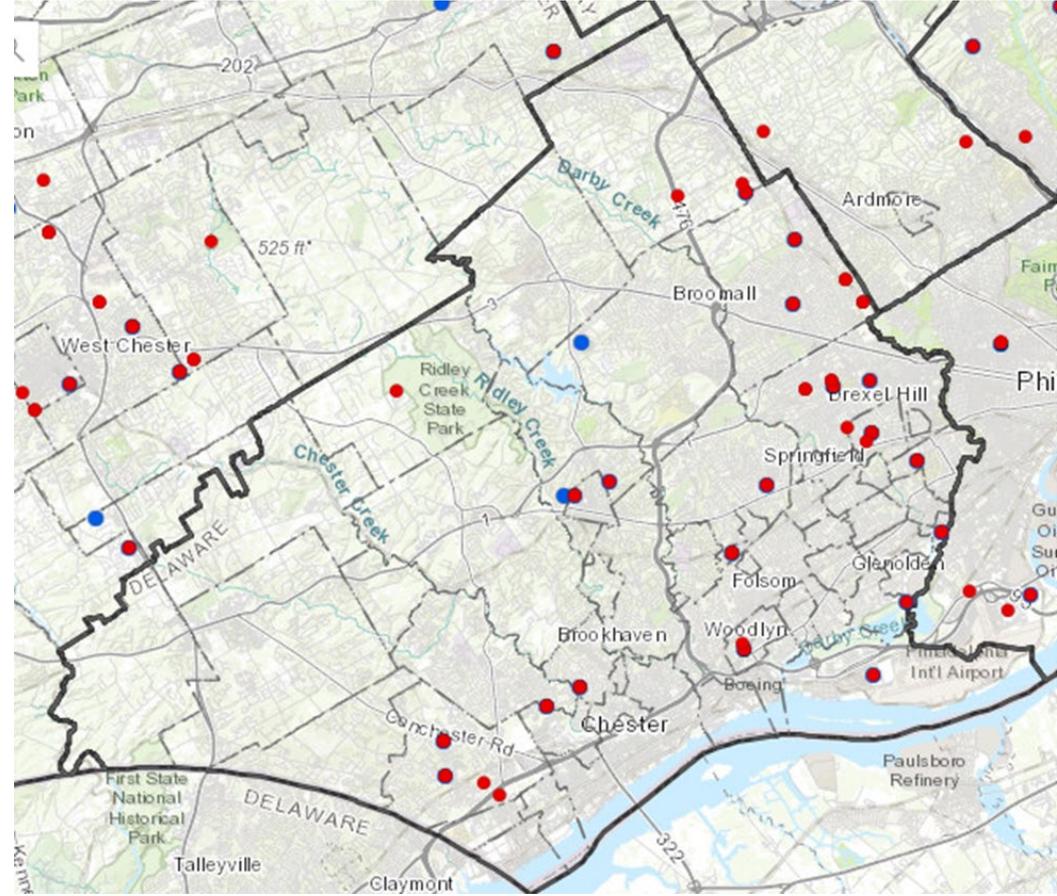
Arbovirus	Local Vectorborne Transmission Documented***	Important Pennsylvania Vectors	Primary Reservoir/Host
West Nile virus (WNV)	Yes	<i>Culex pipiens</i> <i>Culex restuans</i>	Birds
Eastern Equine encephalitis virus (EEEV)	Yes	<i>Coquillettidia perturbans</i> <i>Culiseta melanura</i>	Birds
Jamestown Canyon virus (JCV)	Yes	<i>Culiseta inornata</i> (possibly other <i>Aedes</i> spp., <i>Anopheles</i> spp.)	Deer/Elk
La Crosse encephalitis virus (LACV)	Unknown, but multiple human cases reported in Ohio border counties in recent years	<i>Aedes triseriatus</i>	Small mammals/rodents
Powassan virus (POWV)	Yes	<i>Ixodes scapularis</i> <i>Ixodes cookei</i>	Small and medium-sized mammals
St. Louis encephalitis virus (SLEV)	Yes	<i>Culex pipiens</i>	Birds
Dengue virus (DENV)	No (travel-associated)	<i>Aedes albopictus</i>	Humans, non-human primates
Chikungunya virus (CHIKV)	No (travel-associated)	<i>Aedes albopictus</i>	Humans, non-human primates
Zika virus (ZIKV)	No (travel-associated; however, other modes of transmission [e.g., sexual, etc.] have resulted in locally-acquired infections)	<i>Aedes albopictus</i>	Humans, non-human primates

Arbovirus Testing

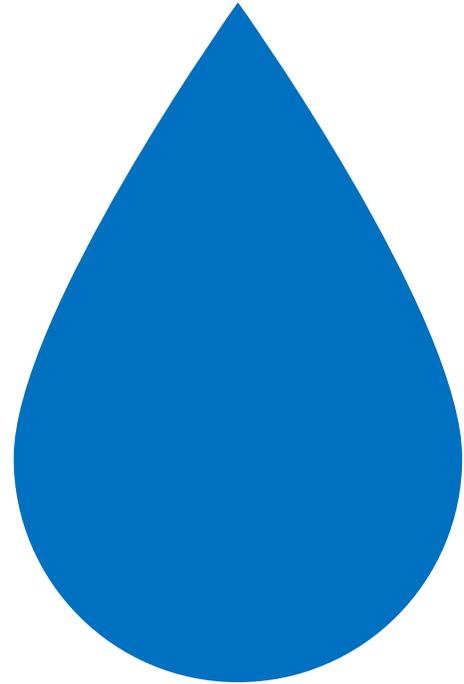
*WNV and SLE tested in southeastern PA, species prevalent to this area



MDC Gravid Trap Locations



WNV 2023 Positive Pools



Sewage Program

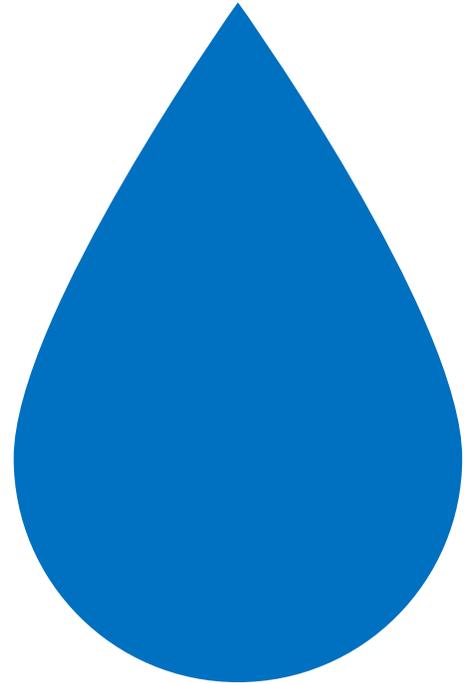
Environmental Health's Role in Private Sewage

Implement the PA Sewage Facilities Act 537, to help address existing sewage disposal needs and prevent future problems through the proper planning, permitting and design

Prevent contamination of the environment and drinking water supply that may result in an increased risk for disease

DCHD's Current Sewage Program Services:

- ▶ Implement on lot septic permit program as of 6/1/23
- ▶ Conduct inspections and permit all individual and small community onlot sewage disposal systems, address repairs, malfunctions and new installations.
- ▶ Review architectural plans for on lot septic systems
- ▶ Hire primary Sewage Enforcement Officer (1/2023)
- ▶ Hire secondary Sewage Enforcement Officer (10/2023)
- ▶ Report permits issued, inspections and maintain records of all onlot private septic systems to DEP monthly
- ▶ Respond to all on lot sewage complaints reported to DCHD
- ▶ Document and investigate all communicable disease outbreaks reported to DCHD



Well Water Program

Environmental Health's Role in Private Well Water

Ensure safe, private well drinking water and prevent disease associated with contaminants in well water

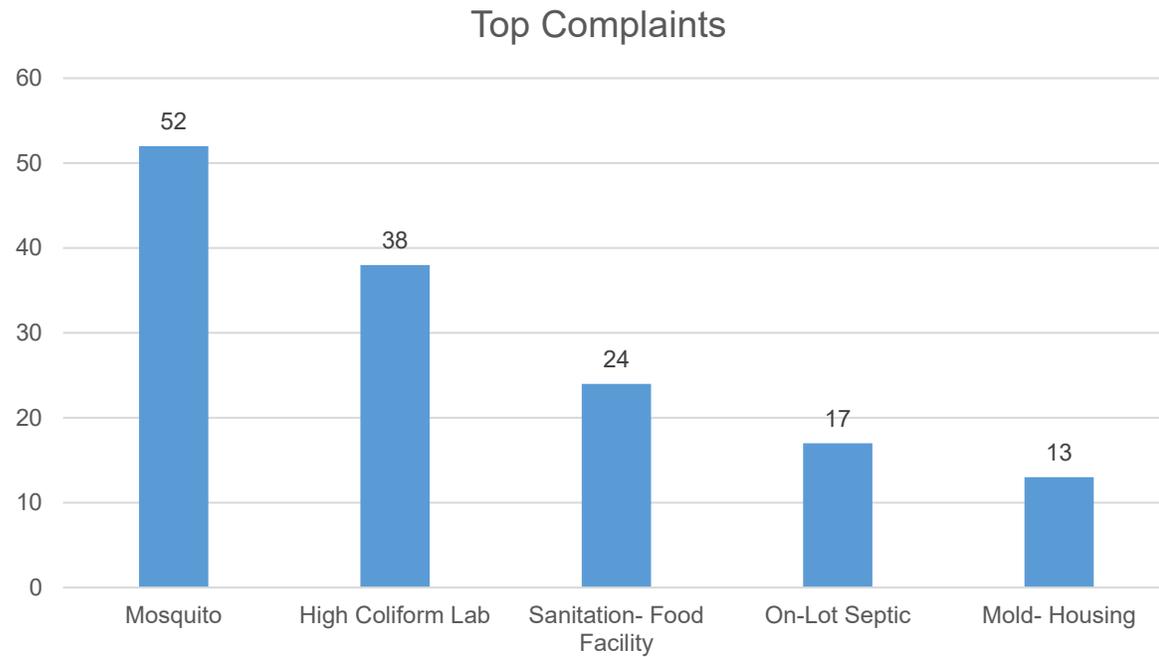
Prevent contamination of the environment and drinking water supply that may result in an increased risk for disease

DCHD's Current Services:

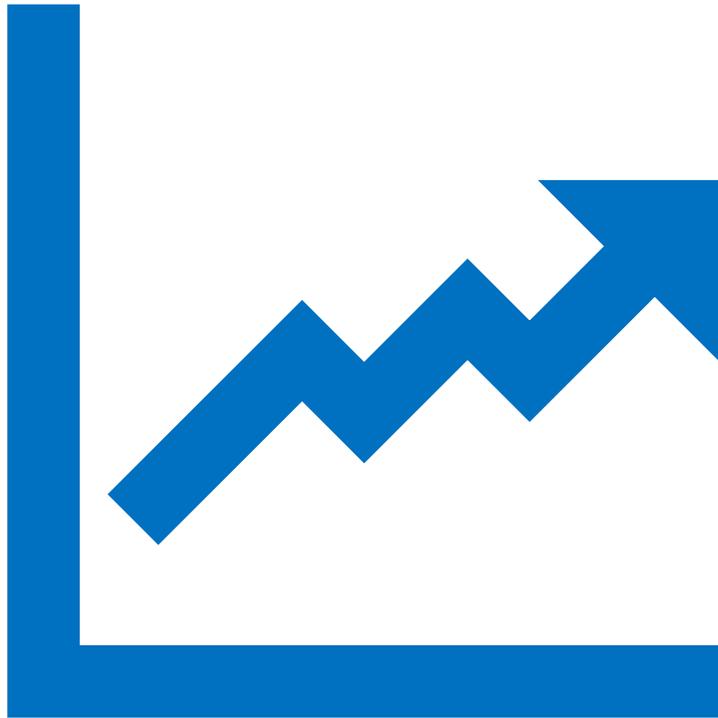
- ▶ Implement water well program (8/1/23)
- ▶ Conduct inspections and permit wells, geothermal wells, borehole installations, repairs, and malfunctions
- ▶ Monitor wells used at sites of known or suspected groundwater contamination
- ▶ License well driller contractors, pump installation contractors and well, pump and geothermal installation contractors (23 licensed at DCHD as of 8/30/23)
- ▶ Respond to all complaints reported to DCHD
- ▶ Document and investigate all communicable disease outbreaks reported to DCHD

Complaints

Public Health Complaints: Division Overall



Complaints		
Type of Complaint	Resolved	Active
Vector	87	4
Food Facility	63	7
Public Bathing Place	62	4
Housing	38	3
On-Lot Septic/Sewage	10	1
Total	260	19



Program Expansion

Looking Ahead:

- ▶ Develop standard education packet to promote compliance and prevent illness or injury to be distributed at 100% of routine inspections
- ▶ Provide access to all inspection reports through public portal
- ▶ Create and implement Liquid Waste Hauler Program
- ▶ Explore Lead Inspection Program
- ▶ Explore Environmental Injustice Issues
- ▶ Establish a Habitat Reduction Program
- ▶ Establish Certified Food Manager Program, low to no cost, potentially grant funded
- ▶ Staff Standardization through Pa. Department of Agriculture

