



ENVIRONMENTAL HEALTH

AIR POLLUTION CONTROL

ANIMAL CARE AND CONTROL

COMMUNITY SANITATION

EMERGENCY PREPAREDNESS

FOOD AND BEVERAGE CONTROL

VECTOR CONTROL



AIR POLLUTION CONTROL



- The Air Pollution Control (APC) Environmental Health Officers (EHOs) permit, inspect, and enforce local regulations for asbestos abatement, demolition project occupancy permits, and smoke free environments.





AIR POLLUTION CONTROL



- Exemptions from the Smoke Free Air Act of 2009 expired January 2, 2016
- Environmental Health contacted exempted businesses and current smoke free businesses to provide them with new smoke-free decals
- EHOs made 182 visits to exempted businesses to educate them on the changes

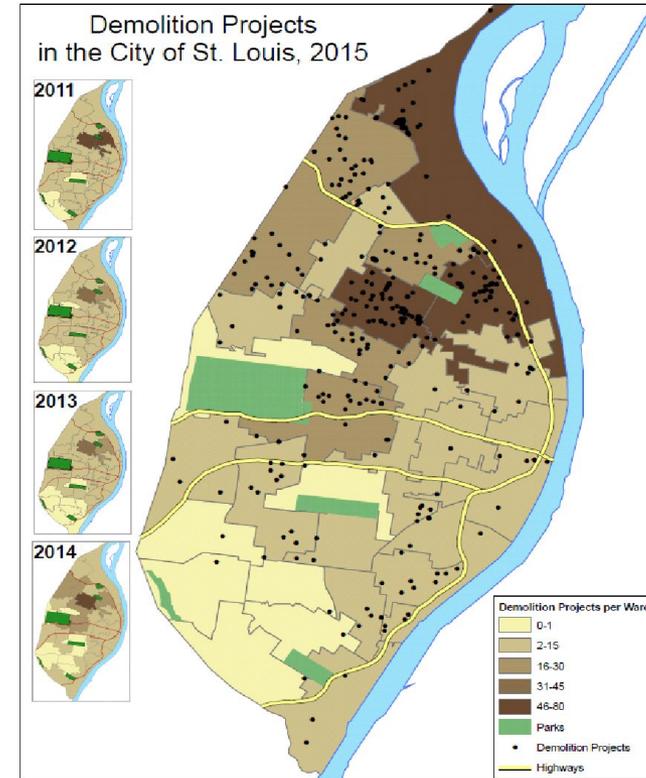




AIR POLLUTION CONTROL

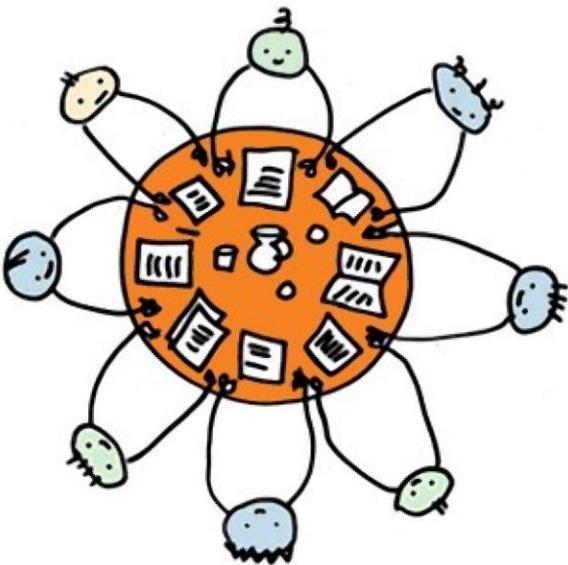


- In 2015, with 0 full time staff, 420 demolition permits were approved by Air Pollution Control (49% increase, probably due to better data management)
- This includes a review of asbestos inspections and abatement and field visits when possible





AIR POLLUTION CONTROL



In 2016, Air Pollution Control is working with elected officials, neighboring counties, the Missouri Department of Natural Resources, East-West Gateway, and other community partners to revise the City's air pollution ordinance.



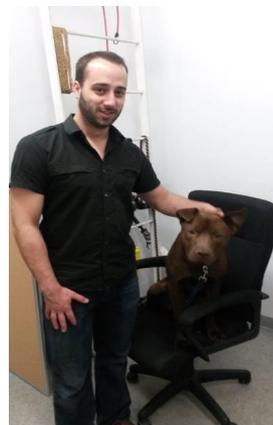
ANIMAL CARE AND CONTROL



Services provided by Animal Care and Control include:

- ordinance enforcement
- apprehension and quarantine of biting/dangerous dogs
- maintenance of rabies tags and promotion of responsible pet ownership

Koda with his new "dad" on adoption day at the shelter



An MOU with volunteer Meghan White Photography helps us market great pets.



Odyssey with his new family





ANIMAL CARE AND CONTROL



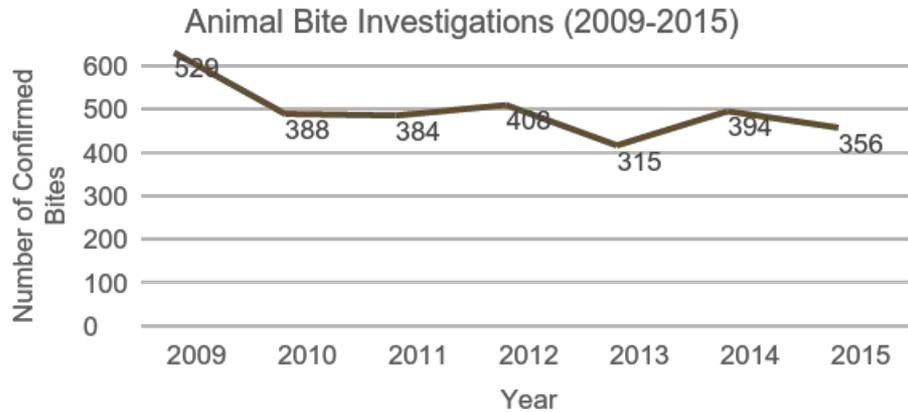
- Ordinance 69798 passed July 2014 provides for trap-neuter-return (TNR) of feral cats to the community
- A cat that has been neutered to be a community cat has an “ear tip”
- TNR is a humane way to deal with cats that are not domesticated so they are not euthanized and community cat colony sizes are controlled
- In 2015-2016 ACC has been working with a group of volunteer “TNR Task Force” members to make this happen



ANIMAL CARE AND CONTROL



In 2015, there were 356 animal bites that ACCOs investigated and confirmed, mostly dogs, but also bites from cats, bats, ferrets, raccoons, horses, and other animals.





ANIMAL CARE AND CONTROL



- 63 percent of Animal Care and Control Officers (ACCOs) are now certified by the Missouri Animal Control Association (MACA)
- The team is still working toward the goal of 100 percent certification with MACA
- With limited staff, efficiency is important, so this year the ACCOs have been equipped with tablet computers providing a quality improvement opportunity for data management this next year



COMMUNITY SANITATION



The Community Sanitation section strives to ensure citizens have a safe and sanitary environment.



The section protects public health by responding to citizen complaints and enforcing codes in the following areas:

- inspecting for general sanitation
- child care facilities
- lodging facilities
- recreational water facilities



COMMUNITY SANITATION



- There are 6 Environmental Health Officers (EHOs) in Community Sanitation
- Community Sanitation received 2,328 complaints in 2015; 2,068 came through the Citizens' Service Bureau
- EHOs performed 3,958 sanitation inspections in 2015, a 6.3 % increase over 2014
- In 2015 there were 1,968 inspections with violations (confirmed, repeat, referred to administrative citation fine, referred to court, already under notice)



COMMUNITY SANITATION



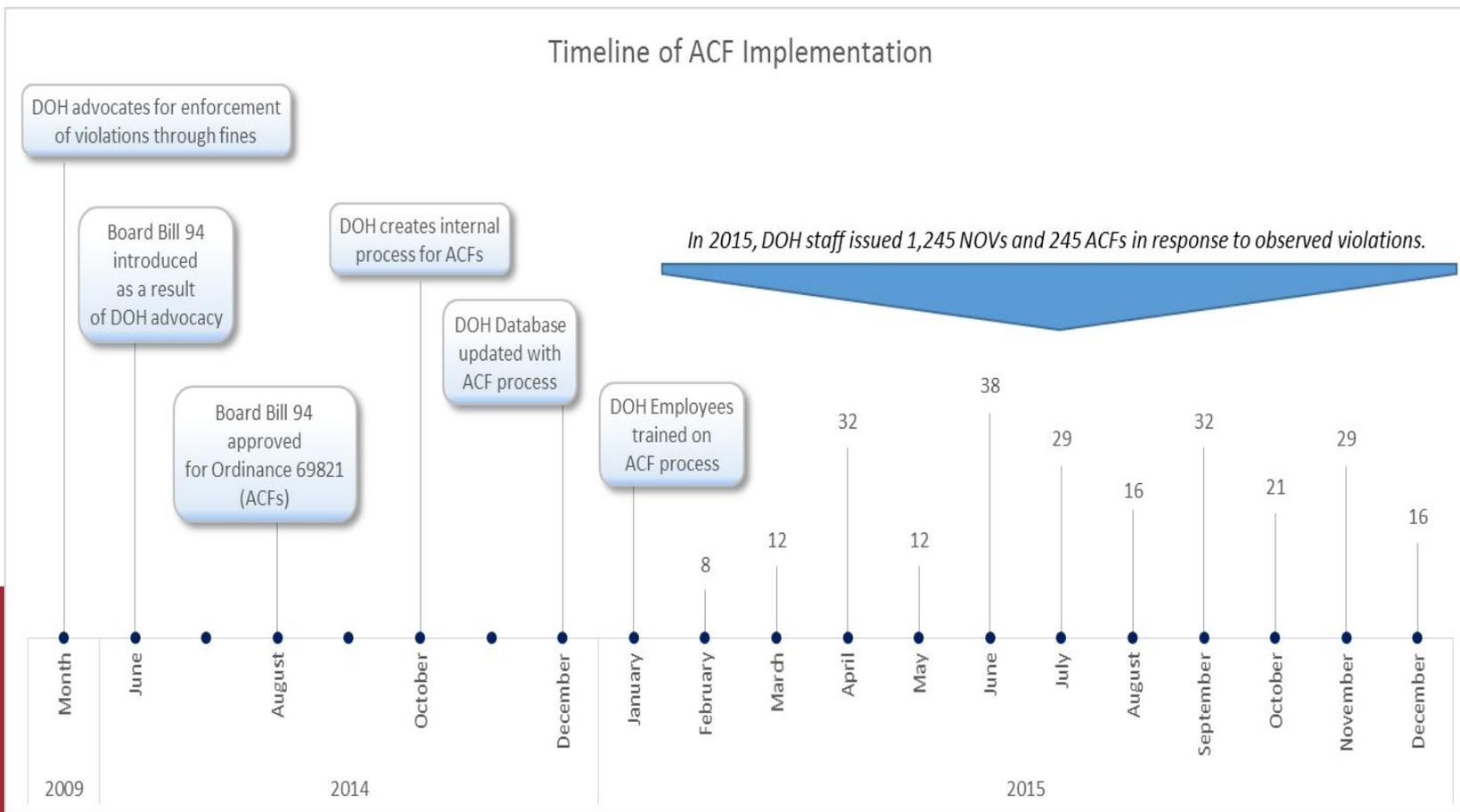
- Ordinance 69821 went into effect January 24, 2015 allowing DOH to fine citizens who don't bring violations into compliance in a timely manner
- These are known as “Administrative Citation Fines” (ACFs) and are expected to improve compliance



COMMUNITY SANITATION



- Community Sanitation issued 1,245 Notices of Violation and 245 ACFs in 2015



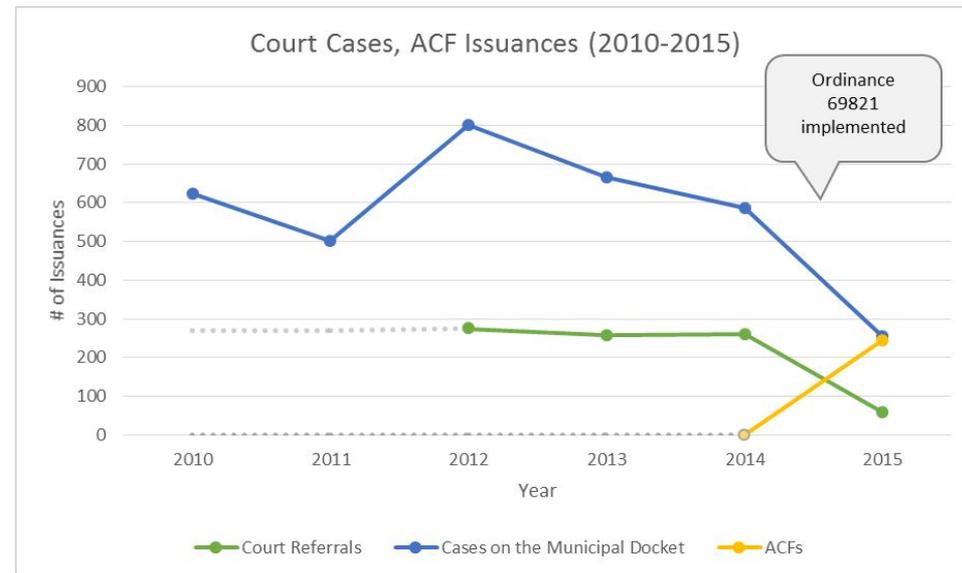


COMMUNITY SANITATION



- EHS now has the option to send non-compliant citizens an ACF or refer them to court
- Com San has trained on uniform code citation to improve enforcement outcomes
- A non-compliant citizen may be referred to municipal court, where a judge determines fines

- A municipal judgment can be appealed to the civil court





COMMUNITY SANITATION



- Local recreational water ordinance inspections have been standardized with all Environmental Health Officers (EHOs)
- Preliminary inspections conducted for all outdoor pools allowed for additional education of pool managers



Marquette Park's beautiful pools.



COMMUNITY SANITATION



- Contracting with the Consumer Product Safety Commission for Virginia Graeme Baker Act compliance for safety of drains and pumps
- Renewing collaboration with the Building Division for approval of new non-residential recreational water construction to improve compliance
- Recreational water inspections incorporated into the Healthspace database to improve tracking and allow for administrative citation fines for noncompliant facilities



EMERGENCY PREPAREDNESS/SEVERE WEATHER



- Program goal : Build Resiliency
- Build the capacity for our community to withstand or adapt to ongoing and emerging challenges to individuals, families, and neighborhoods through continual concentration on public health, sustainable practices and preparedness



EMERGENCY PREPAREDNESS/SEVERE WEATHER



- Awarded two grants to help train for-profit, urgent care clinics to be prepared for communicable disease outbreaks, such as Ebola and Zika
- Formed a Zika Team to address emerging disease threat early in 2016, involving close and successful collaboration among DOH departments integrating lessons learned from Ebola
- Launched a media campaign addressing prevention of Zika virus transmission
- Implemented “Call ‘Em All” system for alerting staff of emergency response situations (replaced previous system)





EMERGENCY PREPAREDNESS/SEVERE WEATHER



Provide information and understanding of severe weather

- Health Fairs and other outreach events
- Public speaking engagements

Provide links to resources that will help citizens withstand severe weather events



EMERGENCY PREPAREDNESS/SEVERE WEATHER



Monitor emerging threats; Research solutions to local impacts

- Rockefeller Foundation-DOH Representation
- Energy Efficiency for Affordable Multifamily Housing
- City of St. Louis Office of Sustainability- Green Team

Provide Affordable Care Act information to small business owners via Neighborhood Improvement Specialists and Food Establishment Inspectors; reached 448 small businesses representing 34 types of establishments



EMERGENCY PREPAREDNESS/SEVERE WEATHER



Manage contract funds from utility tax and Affordable Housing Commission for utility assistance through a continued successful partnership with Heat up STL

- \$450,000 in contracted funds support vulnerable families in need
- 527 families served

Support Heat up STL annual winterizing utility forum

Support Heat up STL annual Rise and Shine event



EMERGENCY PREPAREDNESS/SEVERE WEATHER



Active in response during weather related emergencies

- Report weather advisories and potential health impacts
- Development of messaging to the community re: extreme weather events (July 2015-Present)
- Advisories issued for excessive heat, storms, flooding, extreme cold, winter weather



EMERGENCY PREPAREDNESS/SEVERE WEATHER



Active in response during weather related emergencies

- Partner with Department of Human Services (DHS) to maintain Functional Needs Registry (FNR); report outcomes
- 10,538 Client records, 6,759 receive calls during severe weather events
- Maintained MOU with MO State Registrars Office and DHS to assure accuracy of registry.
- Monitor/document DOH emergency response



EMERGENCY PREPAREDNESS/SEVERE WEATHER



New Collaborations with other City agencies and community partners:

- Provided electronic and paper form of weather related promotional materials to Neighborhood Improvement for distribution to NSO and community at large.
- Completed pilot project in partnership with Better Family life to identify/collect data from 500 surveys regarding vulnerable populations.



EMERGENCY PREPAREDNESS/SEVERE WEATHER



- Active in the planning, coordination, and hosting 4 City sponsored community health fairs in conjunction with the Mayor's Office and other city agencies under the City of St. Louis 15 neighborhood's PIER - Crime Prevention Plan

THE CITY OF ST. LOUIS IS COMING TO

O'Fallon Recreation Center

Come help improve your health and your neighborhood!

Health IS ON ITS WAY!

FREE! Activities and services for the whole family!

Free Refreshment! *While supplies last

HEALTH SPRINGS

Free Testing: HIV, Lead, Asthma, Blood Pressure

we can help

Report issues on your block!

- Street lights
- Illegal dumping/derelict cars
- Broken sidewalk
- Stray dogs
- Tall grass/Weeds

Drawings for great prizes

- Car seat
- Emergency Backpack
- Pack N Play
- Calendars (Club)
- Vessels
- Baby bed
- First Aid Kit

PIER Prevention-Intervention-Enforcement-Re-Entry

Come Make a Difference!

O'Fallon Recreation Center Date: **May 14, 2016**
4343 W Florissant Ave, St. Louis, MO 63115 Time: **10AM-2PM**



EMERGENCY PREPAREDNESS/SEVERE WEATHER



2016 Earth Day STL

- Identify and maintain internal and external partnerships
- Agent of collaboration with internal partners to support public health as related to overall resiliency (healthy homes, eating, habits)





EMERGENCY PREPAREDNESS/SEVERE WEATHER



Development of information provided to the community through social media, other city agencies, and community-wide networks

Other Resources and Information

Food stamps and replacements 1-800-392-1243
 WIC supplemental feeding 1-800-832-5445
 Household water watch 632-2919
 Housing Resources Center 802-5414
 Functional Needs Registry 637-1676
 Citizen's Service Bureau 622-8800
 (City services or complaints, etc.)
 Cool Down St. Louis 243-7668
 St. Louis United Way Referral Hotline 24-1
 Free a cell phone, 1-800-627-6626
 (Carling phones and other lost/ripped problems)
 Operation Weather Survival
<http://www.weather.gov/stl/2news>
 Severe Weather Public Health Protection
<https://www.stlouis-mo.gov/Departments/Health/SevereWeather>

Provided by the City of St. Louis Department of Health
 Honorable Francis G. Slay, Mayor
 Melba H. Moore, MS, CPA, Acting Director/Commissioner of Health

WANTED: We are looking for individuals to participate in a research project.

REAL TALK ABOUT REAL LIFE

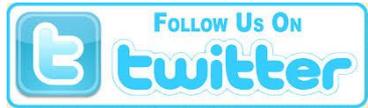
St. Louis City
Teen Focus Group
 St. Louis County

Because your voice MATTERS...

Koran Bolden the national award winning youth motivational speaker & behavioral life coach who advocates for students to graduate on time by making healthy life choices. Koran is mostly known for his speeches in areas of entrepreneurship, character education, and the arts and the author of "Book, Paper, School"

DATE/TIME	LOCATION	CONTACT
Wednesday May 13 12:00pm-1:00pm	Washington University School of Medicine Coffey Auditorium	CRAND 314-927-0234 BROENTZ 314-927-1428 Deadline May 13, 2016

EVENT MADE POSSIBLE WITH SUPPORT FROM THE MISSOURI FOUNDATION FOR HEALTH MFFH



Fight the Bite

Pregnant Women

Provided by the City of St. Louis Department of Health
 Honorable Francis G. Slay, Mayor
 Melba H. Moore, MS, CPA, Acting Director/Commissioner of Health

Source: Centers For Disease Control and Prevention

The best way to avoid Zika virus and other mosquito-borne illnesses is to protect yourself from mosquito bites.

Practice the 4 D's -

- DRAIN**-Mosquitoes breed in water! Drain any standing water in your yard each week.
- DRESS**-Wear lightweight, long-sleeved shirts and long pants while outdoors. Spray clothing with insect repellent, since mosquitoes can bite through clothing.
- DEET**-All day, every day. Whenever you are outside, use insect repellent that contains DEET, picaridin or oil of lemon eucalyptus. Apply insect repellent sparingly to exposed skin. Use an approved repellent according to its label.
- DAWN/DUSK**-Limit time spent outdoors at dawn or dusk, when mosquitoes are most active and feeding.

Keep mosquitoes outside: Use air conditioning or make sure you repair and use window/door screens.

Limit sexual transmission of Zika virus

- Pregnant women and their male partners should discuss the potential exposures with their care provider (<http://www.cdc.gov/zika/symptoms/>).
- Men with a pregnant partner should use latex condoms the right way every time during sex or abstain from sexual activity for the duration of the pregnancy.

Breastfeeding At this time there is not evidence Zika virus is transmitted through breastmilk. The CDC believes the benefits of breastfeeding outweigh possible risks of transmitting Zika virus to an infant.

For more information contact
 Environmental Health Services - 612-6300

Coming to a Hardee's on February 12, 2016

RISE SHINE
 HEAT HAVE A HEART HEAT A HOME

HEAT UP ST. LOUIS

www.heatupstlouis.org

STLOUIS-MO.GOV Mayor Francis G. Slay Services Government News Search

Government Departments and Agencies Health

Severe Weather Public Health Protection

Providing the most up to date information regarding current weather conditions, helpful safety tips and links to resources available in the community.

Flood Safety

Helpful information to keep you and your family safe during flood conditions

[Health Risk #1 Around Your Home #1](#)
[Flood Your Home #1](#)
[CDC Key Facts about Flood Readiness](#) (emergency.cdc.gov)

BE READY! FLOODS

DURING - Turn off gas, electricity, and water. Move to higher ground. If you are in a flooded area, call for help. Do not walk through floodwaters. If you are in a flooded area, call for help. Do not walk through floodwaters.

BEFORE - Clean up your yard. Remove debris. Seal roof leaks. Check for leaks in your home. Check for leaks in your home. Check for leaks in your home.

Current Forecast for St. Louis

[National Weather Service - St. Louis #1](#)
[Twitter - National Weather Service - St. Louis #1](#)

Be Ready for the Next Storm

[Video: What is a Watch?](#)

Are you Storm Aware?

stormaware.mo.gov

Flood Safety Around Your Home

Provided by the City of St. Louis Department of Health
 Honorable Francis G. Slay, Mayor
 Melba H. Moore, MS, CPA, Acting Director/Commissioner of Health

Source: Centers for Disease Control and Prevention

- Keep children and pets out of flooded area until cleanup is complete.
- Wear rubber boots, rubber gloves, and goggles during cleanup of flooded areas.
- Remove and discard items that cannot be washed or disinfected including mattresses, carpeting/padding, rugs, upholstered furniture, cosmetics, stuffed animals, baby toys, pillows, foam-rubber items, books, wall coverings, and most paper products.
- Remove and discard drywall and insulation that have been contaminated with sewage/flood waters.
- First thoroughly clean all hard surfaces with hot water and laundry or dish detergent. Follow with sanitize solution.
- For household surfaces: 1 cup of household liquid bleach in 5 gallons of water. Use bleach that does not have an added scent (like lemon). Do not rinse. Air dry.
- For food preparation surfaces and dishes: 1 teaspoon of household liquid bleach in 1 gallon of water. Use bleach that does not have an added scent (like lemon). Do not rinse. Air dry.
- Help the drying process by using fans, air conditioning units, and dehumidifiers.

Seek immediate medical attention if you become injured or ill.

For more information contact
 Environmental Health Services - 612-6300



FOOD AND BEVERAGE CONTROL



In 2015, Food & Beverage Control:

- Conducted 7,414 inspections (11% decrease)
- Issued 370 permits for new establishments (27% increase)
- Renewed 2,050 permits for existing establishments (2% increase)
- Performed 1,370 temporary permit inspections (4% decrease)





FOOD AND BEVERAGE CONTROL



- In 2015, out of 7,414 inspections that were conducted, 62 inspections resulted in a lower grade (about 0.8% of inspections)
- Compared with previous years, 2015 saw the highest ratio of these particular inspections



FOOD AND BEVERAGE CONTROL



Year	# Total Inspections	# Inspections resulting in a lowered grade	% Inspections resulting in a lowered grade
2009	12,585	61	0.5%
2010	10,532	24	0.2%
2011	9,819	37	0.4%
2012	9,860	27	0.3%
2013	8,163	33	0.4%
2014	8,371	57	0.7%
2015	7,414	62	0.8%



FOOD AND BEVERAGE CONTROL



Food Establishment Inspectors recently completed extensive training on emerging special food processes or procedures:

- Often use unusual technologies or equipment, that are not fully addressed in the Food Code
- Use specialized food processing operations that are typically seen at the commercial manufacturing level, but are conducted at retail instead
- Present a significant health risk if not conducted under strict operational procedures

Kombucha tea is an example of a special food process, fermented using SCOBY (symbiotic culture of bacteri





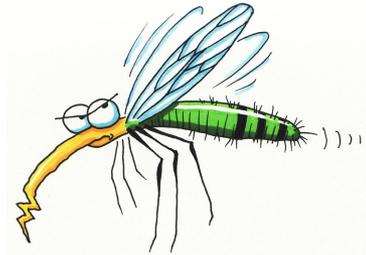
FOOD SAFETY STL



- DOH is a partner in a project aimed at detecting and responding to suspected cases of foodborne illness in the community through the use of Twitter
- Collaborators include researchers, computer programmers, successful users, other health departments, and governing entities
- There were 37 complaints of foodborne illness from food establishments in 2015, none of which was confirmed upon inspection



VECTOR CONTROL



- In 2015 there were 6 Confirmed/Probable cases of West Nile Virus in St. Louis with 3 unconfirmed cases
- There was one death attributed to West Nile Virus in 2015
- In 2015, Vector Control addressed 1437 requests and complaints for mosquito fogging treatments, mosquito breeding sites, and exterior rat infestations (12% increase)





VECTOR CONTROL



- Zika virus concerns stimulated EHS collaboration with regional vector control programs to explore alternatives to adult mosquito fogging, such as more community education, more larvacide treatment, and trapping and surveillance of mosquito populations
- Mosquito surveillance will aid in development of a data-driven approach to mosquito treatment
- Vector Control works with the DOH and regional departments to develop messaging and community efforts to reduce mosquito exposure



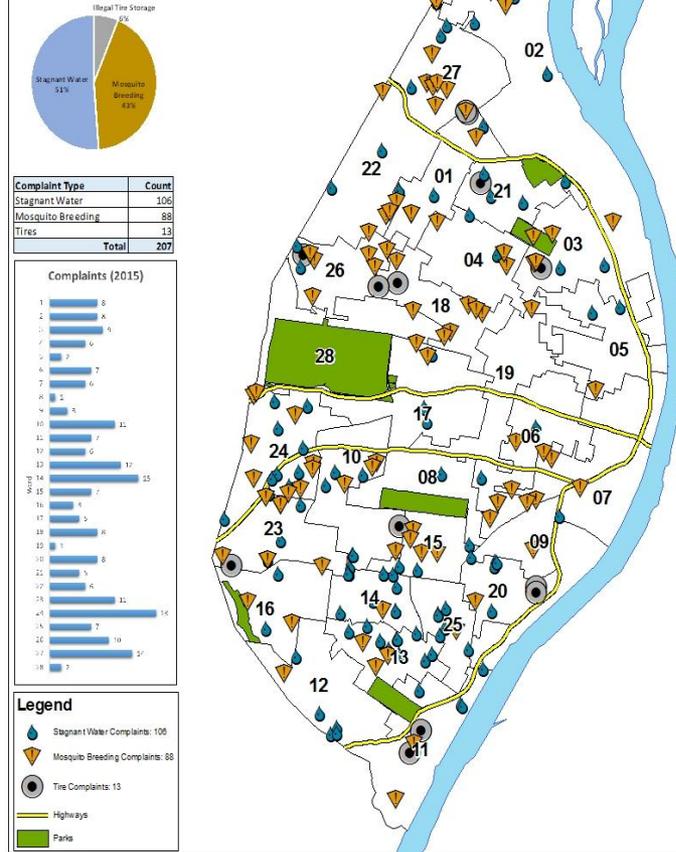


VECTOR CONTROL

- Prevention of mosquito breeding sites is the most effective approach to reduce populations
- Vector Control is coordinating with the State and regional local health departments to re-establish a trapping and surveillance program to monitor for mosquito varieties known to carry disease



Complaints of Potential Mosquito Breeding Sites in the City of St. Louis, 2015





Jeanine Arrighi	Diedra Weaver	Patricia Mahoney	Jill Speicher	Heather Gasama	Vacant	Patricia Curtis
Diedra Weaver, Program Manager I	Jill Speicher, Animal Regulation Center Supervisor	Jim Cunningham, Food Establishment Inspector	Anthony Arnowitz, Animal Care and Control Officer	Ophelia Anderson, Environmental Health Officer	Charlesetta Cunningham, Veterinary Technician	Nila Garba, Epidemiologist
Patricia Mahoney, Environmental Health Supervisor	Heather Gasama, Environmental Health Supervisor	Candace Da Silva, Food Establishment Inspector	Frank DeManuele, Animal Care and Control Officer	Maria Cuciureanu, Environmental Health Officer	Sparkle Douthit, Veterinary Technician	Shontae Fluelen-Hays, Program Manager I
Patricia Curtis, Public Health Nursing Supervisor	Angela Ballard, Clerk Typist II	Rich Eskew, Food Establishment Inspector	Ronald Fischer, Animal Care and Control Officer	Anthony Elliott, Environmental Health Officer	Elena Ortman, Veterinary Technician	
Vacant, DVM, Veterinarian	Cathy Ivy, Clerk Typist II	Alecia Foster, Food Establishment Inspector	Abel Lopez, Animal Care and Control Officer	Zachary Krug, Environmental Health Officer	Lysandra Strotheide, Veterinary Technician	
Connie Giunta, Secretary I	Dawn Watts, Clerk II	Monique Hudspeth, Food Establishment Inspector	Matthew Payne, Animal Care and Control Officer	Jackie Trotman, Environmental Health Officer	Vacant, Veterinary Technician	
	Jennifer Hopson, Clerk I I	Chris Miller, Food Establishment Inspector	Edward Ratliff, Animal Care and Control Officer	John Ward, Environmental Health Officer	Vacant, Veterinary Technician	
	Elise Krueger, Clerk I	Kathe Schade, Food Establishment Inspector	Anne Vincent, Animal Care and Control Officer	Vacant, Environmental Health Officer	Vacant, Veterinary Technician	
		Jim Womack, Food Establishment Inspector	Danielle Eichholz, Animal Care and Control Officer			
			Steve Hummel, Pest Control Worker			
			Greg Morgenthaler, Pest Control Worker			

ENVIRONMENTAL HEALTH STAFF

