



Doing Things!

**Mosquito Control & Vegetation
Management**



Pinellas County's Strategic Plan: *Doing Things to Serve the Public*

Mission: Pinellas County Government is committed to progressive public policy, superior public service, courteous public contact, judicious exercise of authority, and responsible management of public resources to meet the needs and concerns of our citizens today and tomorrow.



Deliver First Class Services to the Public and Our Customers

- 5.1 Maximize partner relationships and public outreach
- 5.2 Be responsible stewards of the public's resources
- 5.3 Ensure effective and efficient delivery of county services and support
- 5.4 Strive to exceed customer expectations



Ensure Public Health, Safety, and Welfare

- 2.1 Provide planning, coordination, prevention, and protective services to ensure a safe and secure community
- 2.2 Be a facilitator, convener, and purchaser of services for those in need
- 2.3 Provide comprehensive services to connect our veterans and dependents to the benefits they have earned
- 2.4 Support programs that seek to prevent and remedy the causes of homelessness and move individuals and families from homelessness to permanent housing
- 2.5 Enhance pedestrian and bicycle safety



Practice Superior Environmental Stewardship

- 3.1 Implement green technologies and practices where practical
- 3.2 Preserve and manage environmental lands, beaches, parks, and historical assets
- 3.3 Protect and improve the quality of our water, air, and other natural resources
- 3.4 Reduce/reuse/recycle resources including energy, water, and solid waste



Foster Continual Economic Growth and Vitality

- 4.1 Proactively attract and retain businesses with targeted jobs to the county and the region
- 4.2 Invest in communities that need the most
- 4.3 Catalyze redevelopment through planning and regulatory programs
- 4.4 Invest in infrastructure to meet current and future needs
- 4.5 Provide safe and effective transportation systems to support the efficient flow of motorists, commerce, and regional connectivity
- 4.6 Support a vibrant community with recreation, arts, and culture to attract residents and visitors



Create a Quality Workforce in a Positive, Supportive Organization

- 1.1 Recruit, select, and retain the most diverse and talented workforce
- 1.2 Leverage, promote, and expand opportunities for workforce growth and development
- 1.3 Make workforce safety and wellness a priority
- 1.4 Maintain a fair and competitive compensation package

Our Vision: To Be the Standard for Public Service in America



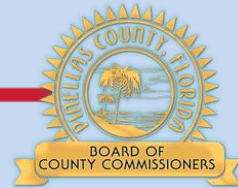
Mosquito Control Mission

- To ensure the public health and safety of all Pinellas County citizens and visitors through a focused proactive and responsive approach to mosquito vectored disease control.



Doing Things & Leading The Way

- Recognized by Florida Medical Entomology Labs for West Nile and St Louis Encephalitis Response Plan
- Innovative Treatment Plans
- Testing safer products
 - Presenting at AMCA and FMCA
- 2016 Dodd Committee Chair – Jason Stuck
 - Teaching state-wide mosquito control professionals at Dodd Short Courses and over 15 years of training experience



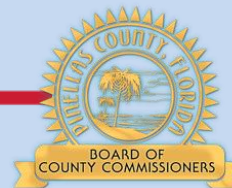
Doing Things & Leading The Way

- Performance Measure – 94% of our service requests are answered within a 24 Hour Response Time
- Performance Measure – 85% satisfaction from survey in 2015
- Performance Measure – reduction in problem mosquitoes (8 year baseline)
 - 1st quarter of FY16: 41%
 - 2nd quarter of FY16: 38%

Surveillance

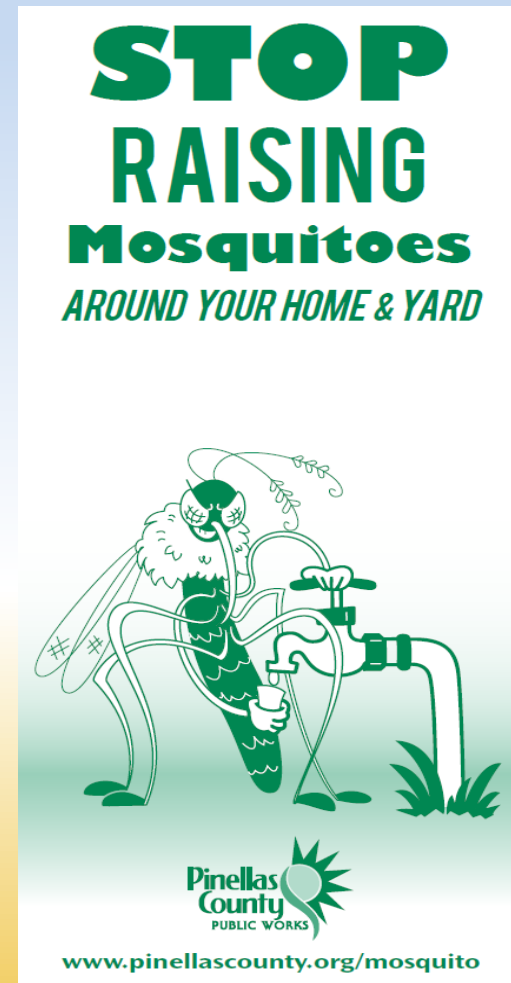
- For Mosquito Transmitted Diseases
- For Mosquito Populations





Education and Outreach

- Citizens at service requests
- Schools
- Homeowners associations
- Civic associations and clubs
- Media Days



Source Reduction

- Aquatic Vegetation
- Blocked Ditches
- Small Containers
- Tire piles
- Rain Barrels
- Bird Baths
- Garbage can lids
- Gutters



Treatments

- Biological Control
- Ground Larvaciding
- Aerial Larvaciding
- Adulticiding
 - Truck Fogging
 - Hand Fogging



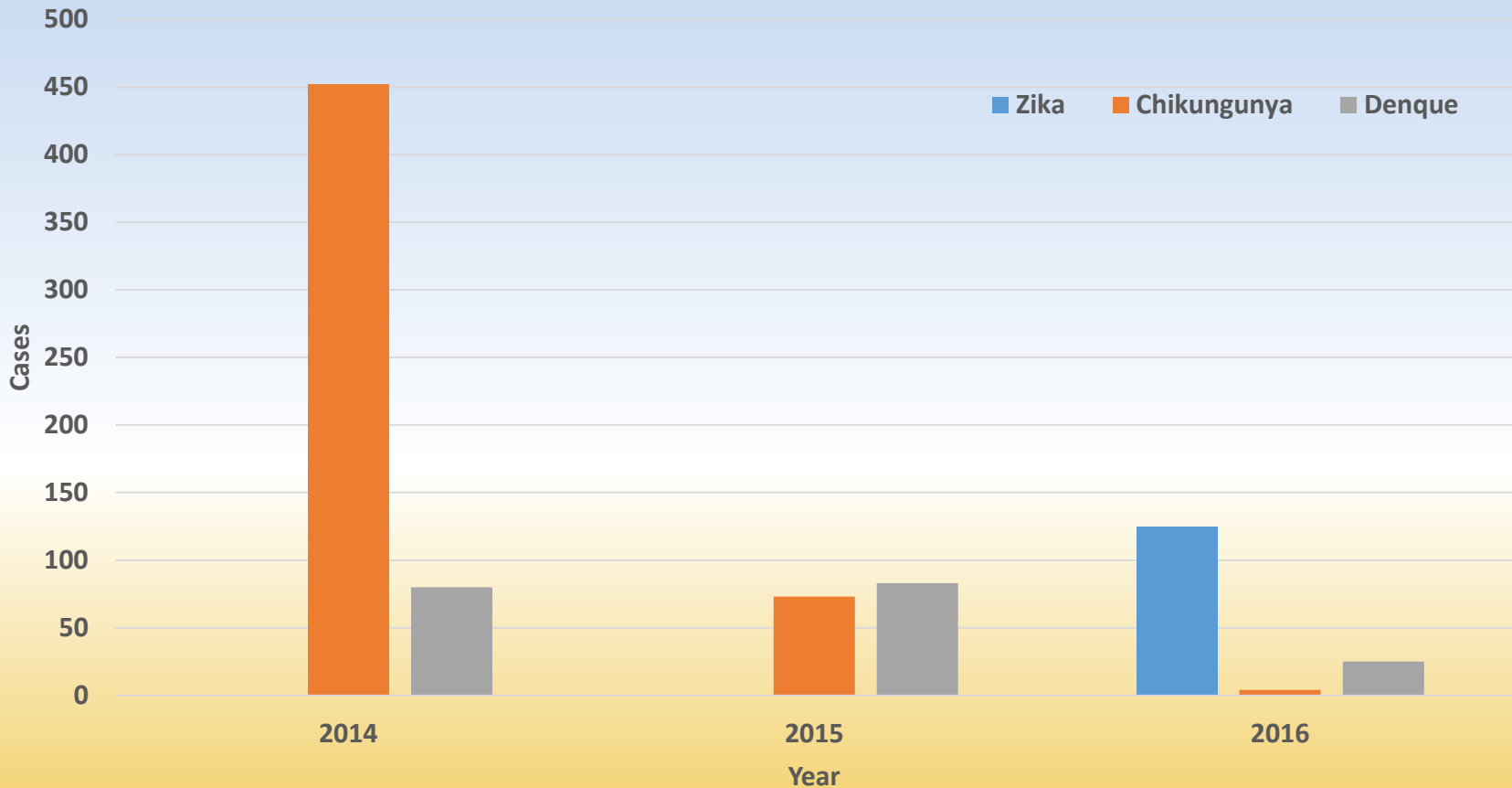
New Mosquito Vectored Diseases

- Chikungunya Virus 2014
- Zika Virus 2016



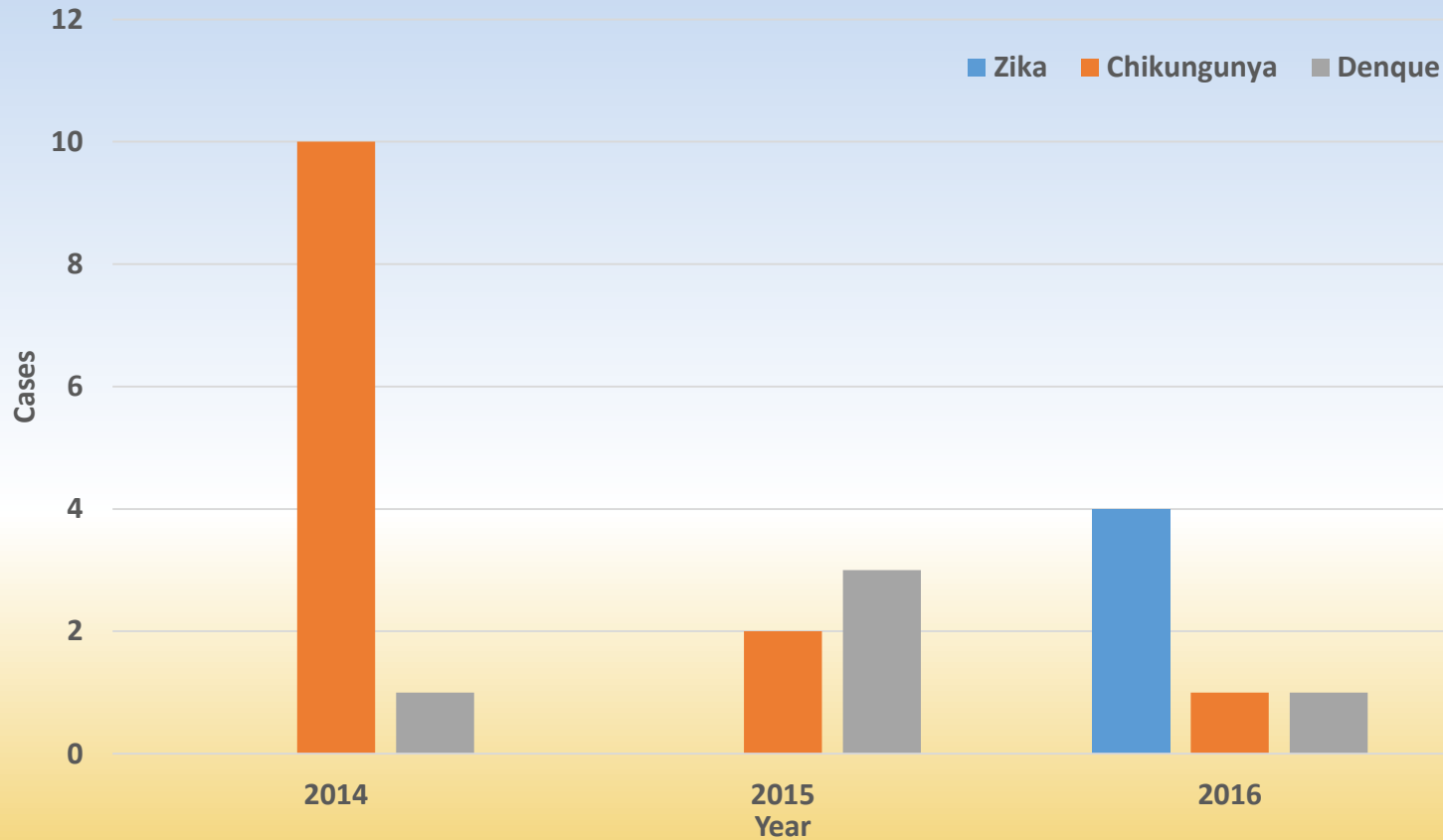


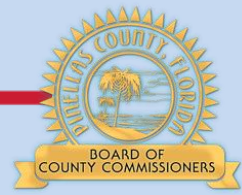
Confirmed Import Cases in Florida



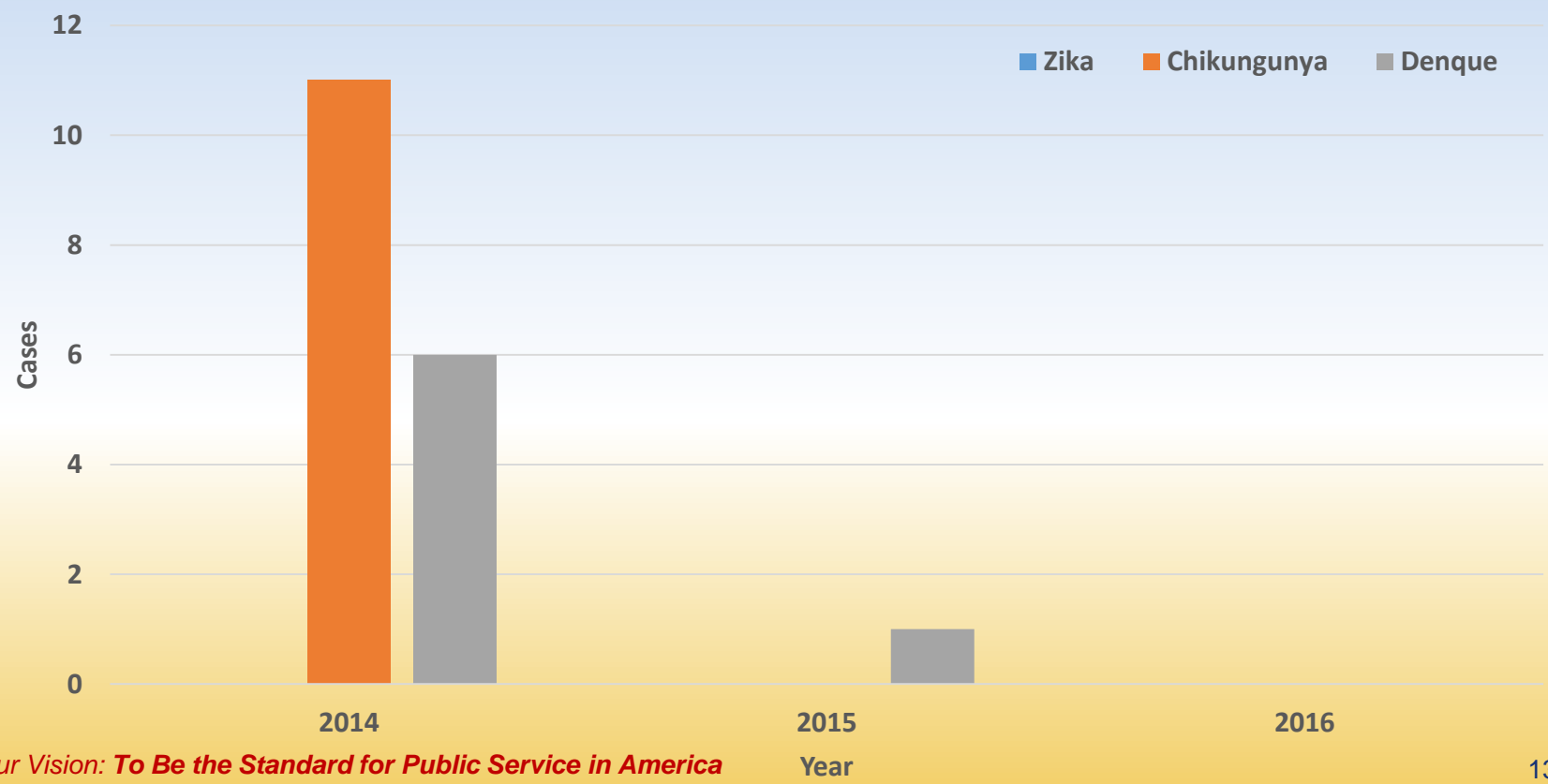


Confirmed Import Cases in Pinellas County





Confirmed Locally Acquired Cases in Florida



Surveillance of these Viruses

- Dept. of Health
- Trapping and Testing
 - Aedes Aegypti
 - Aedes Albopictus



Surveillance of these Viruses

- Breeding Habitats - Domestic
 - Tires
 - Containers
 - Bird Baths
 - Rain Barrels
 - Pools
 - Drainage Structures



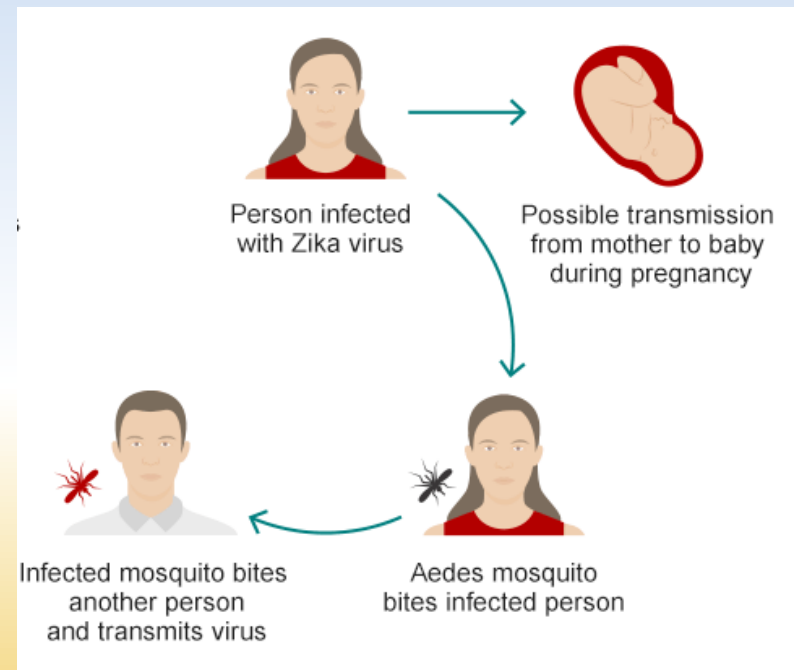
Response to Zika Virus

- Coordination with DOH
- Task Force Canvas Areas at Risk
- Larvaciding and Adulticiding as needed
- Set Target Specific Traps to Monitor Mosquito Populations
- Test Mosquitoes for Virus Activity
- **Public education and partnerships**



Program Challenges

- Swamp, Ponds & Floodwaters
 - West Nile virus
 - Eastern equine encephalitis
 - St. Louis encephalitis
 - Highlands J virus
- Domestic Mosquitos
 - Chikungunya
 - Zika
 - Dengue





Thank you!

Report an Issue:

Pinellas County *Doing Things For You Application*

Phone: (727) 464-7503

Email:

pwopsmsqweb@co.pinellas.fl.us

A screenshot of the Pinellas County 'Report an Issue' web application. The interface shows a 'REPORT' tab selected, with 'ISSUES' and 'Search' options. A 'Category*' dropdown menu is open, displaying a list of issue categories under 'Pinellas County'. The 'Mosquito Control' option is highlighted in blue. Other categories include Ditch Obstruction, Code Enforcement, Environmental, Flooding/Erosion, Graffiti, Pothole, Road Issue, Sidewalk Repair, Traffic Sign or Signal Issue, Animal Related, PSTA - Bus Stops, and PSTA - Arrival times/schedules. A 'Choose File' button shows 'No file chosen'. At the bottom, there are 'Go Back' and 'Submit' buttons. A map is visible on the right side of the interface.