



Cumberland County  
Commissioners

Vincent T. DiFilippo  
Jim Hertzler  
Gary Eichelberger

Sandy Moyle, Chief Clerk/COO

Vector Control Weights & Measures Office

310 Allen Road Suite 710

Carlisle PA 17013

717-240-6349

[www.ccpa.net/vector](http://www.ccpa.net/vector)



**NEW  
NAME**

For the  
West Nile  
Program



# Mosquito Disease Control



**DUMP Standing Water...  
a Breeding Ground  
for Mosquitoes.**

**Cumberland County**  
WEST NILE VIRUS PROGRAM

[www.ccpa.net/westnile](http://www.ccpa.net/westnile)

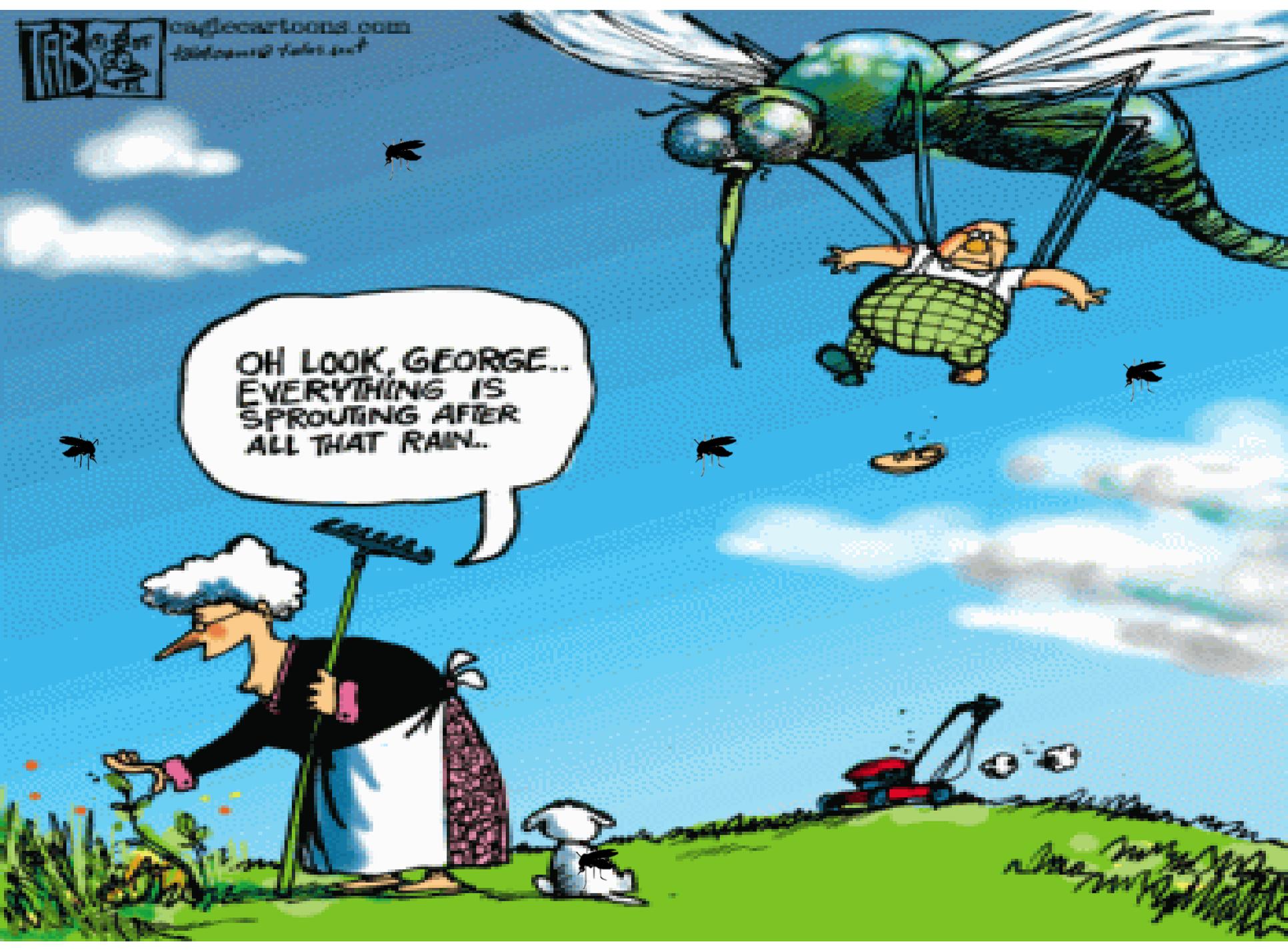


What we saw in 2018

Rain, rain, and more rain



OH LOOK, GEORGE..  
EVERYTHING IS  
SPROUTING AFTER  
ALL THAT RAIN.



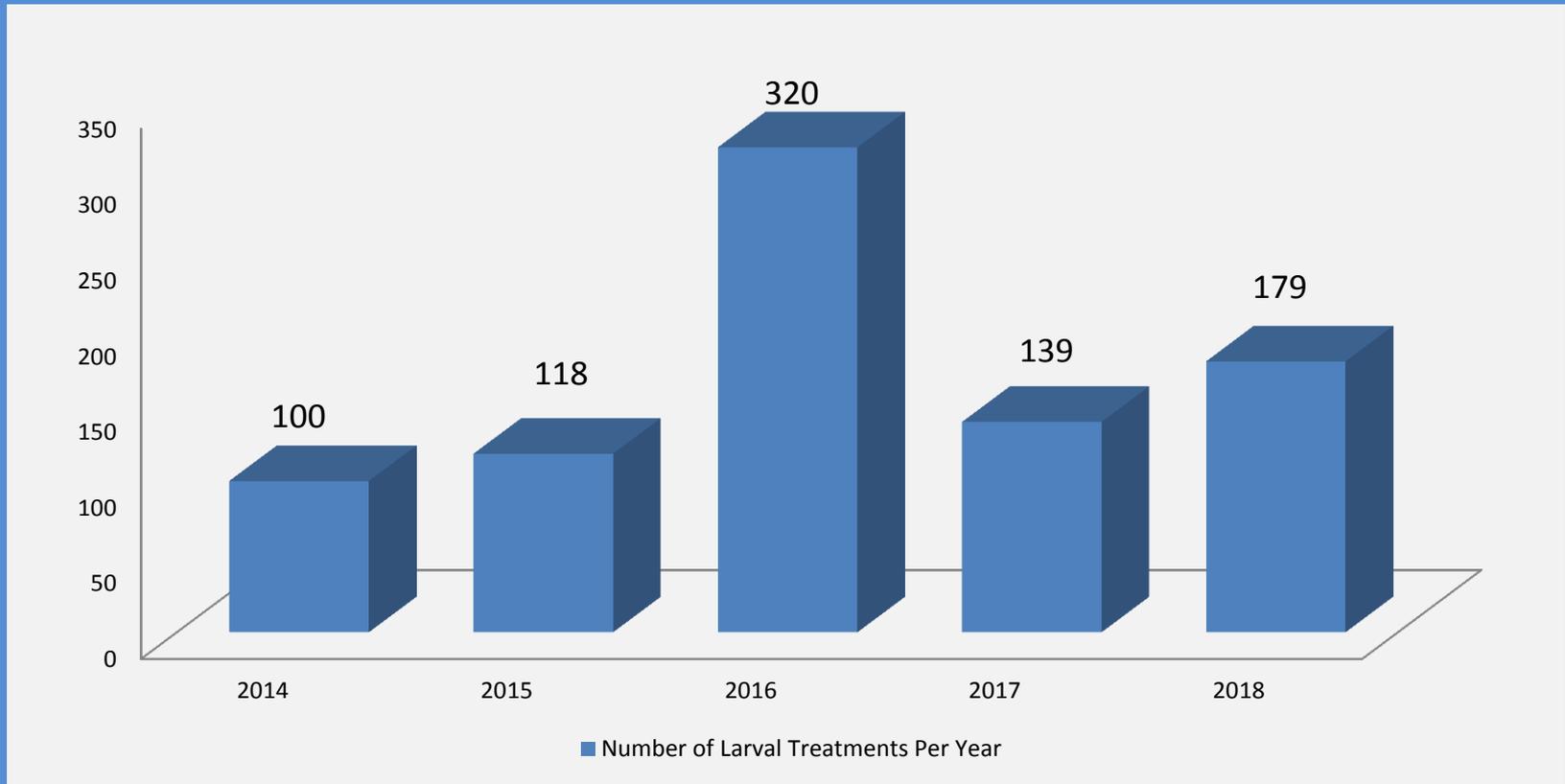
© 2004 by  
Cagle Cartoons

# Record Breaking Year



**62.79 inch of rain this year  
which is 16.9 inches over the average**

# Second Highest Number of Larval Treatments



With high volumes of water in areas that water had never been before, larval treatments were very difficult this year

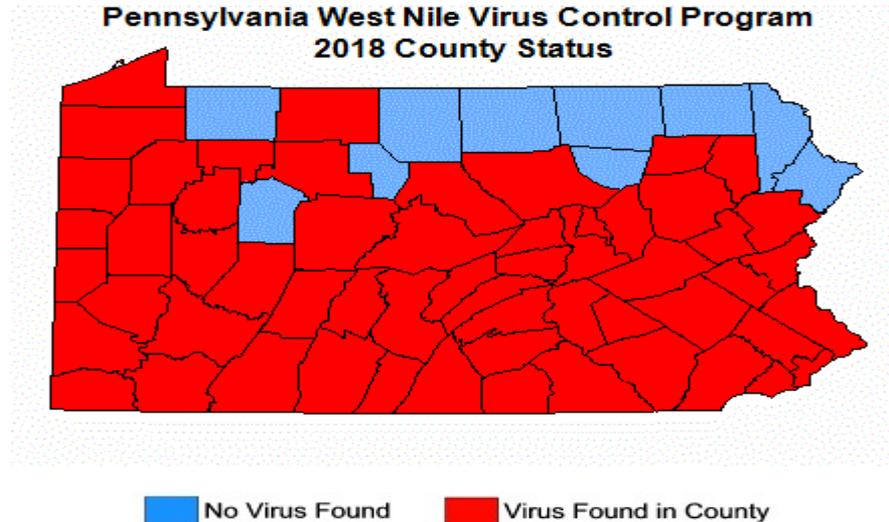


Late season treatments were less effective this year due to continuous rain washing away the granular pesticide.

# West Nile Virus Mosquito Control Program 2018 Review

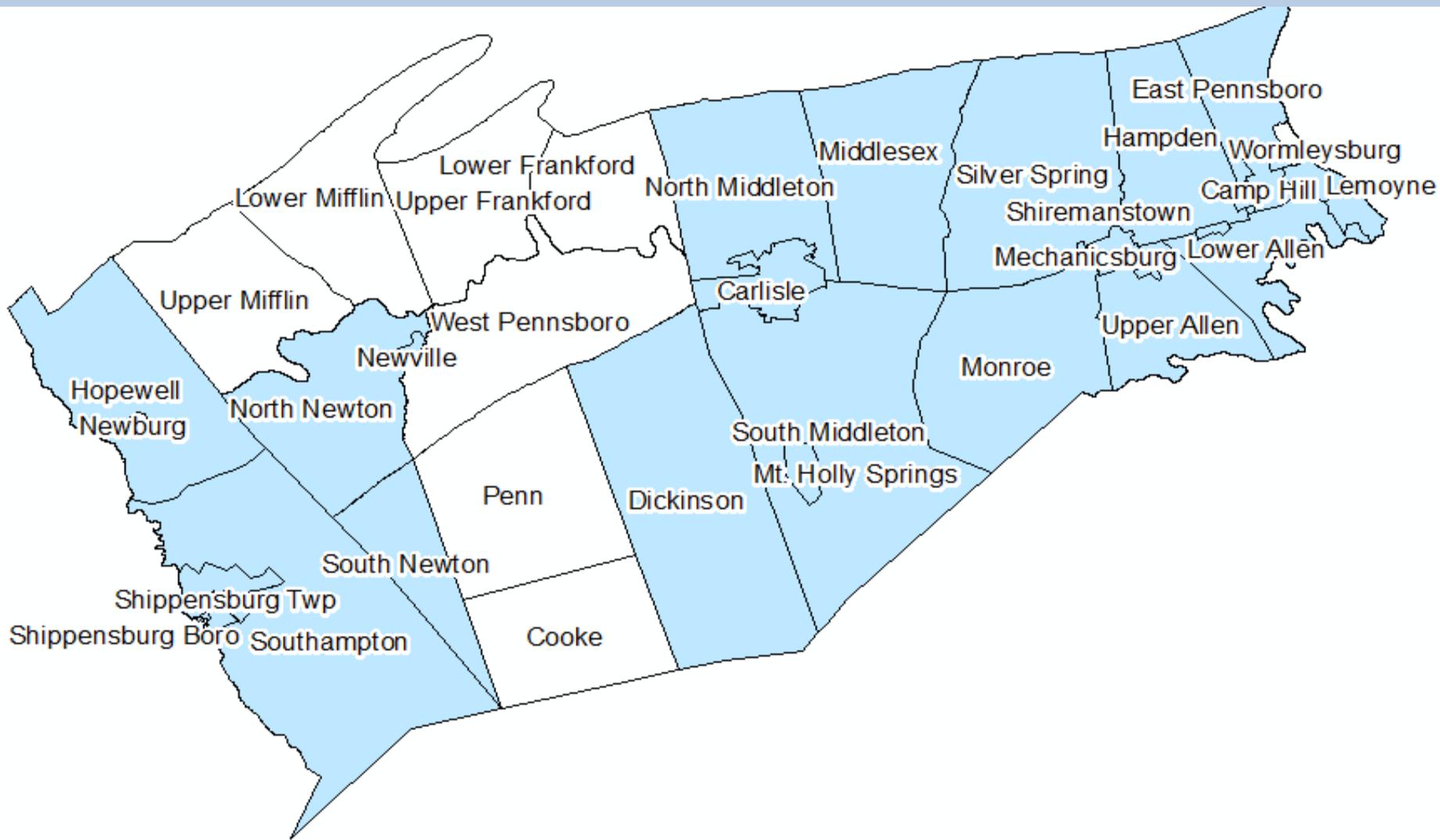
## West Nile Statewide Data

*A Multi-Agency Cooperative Effort Between:*



**2016.....41 Counties Statewide West Nile Virus Detected**  
**2017.....49 Counties Statewide West Nile Virus Detected**  
**2018.....57 Counties Statewide West Nile Virus Detected**





24 out of 33 municipalities had at least one mosquito sample return positive

# West Nile Virus Mosquito Control Program 2018 Review

## West Nile Data



Statewide Rank	Area Rank	2018 Reports of West Nile Virus					
		County	Total Positives	Human	Mosquito	Avian	Veternary
1	1	York	440	5	433	2	0
2	2	Lancaster	332	9	306	5	12
9	3	<b>Cumberland</b>	<b>227</b>	<b>0</b>	<b>219</b>	<b>5</b>	<b>3</b>
10	4	Dauphin	191	2	186	1	2
12	5	Franklin	157	8	148	0	1
15	6	Lebanon	99	6	91	1	1
22	7	Adams	81	1	78	0	2
45	8	Perry	5	0	3	2	0
		<b>TOTAL</b>	<b>1532</b>	<b>31</b>	<b>1464</b>	<b>16</b>	<b>21</b>





# Human Cases

## Cases of West Nile virus skyrocket in Pa. after wet summer

Updated Oct 12, 2018; Posted Oct 12, 2018



A wet summer means more mosquitoes, leading to the highest number of Pennsylvanians diagnosed with West Nile Virus in a decade.



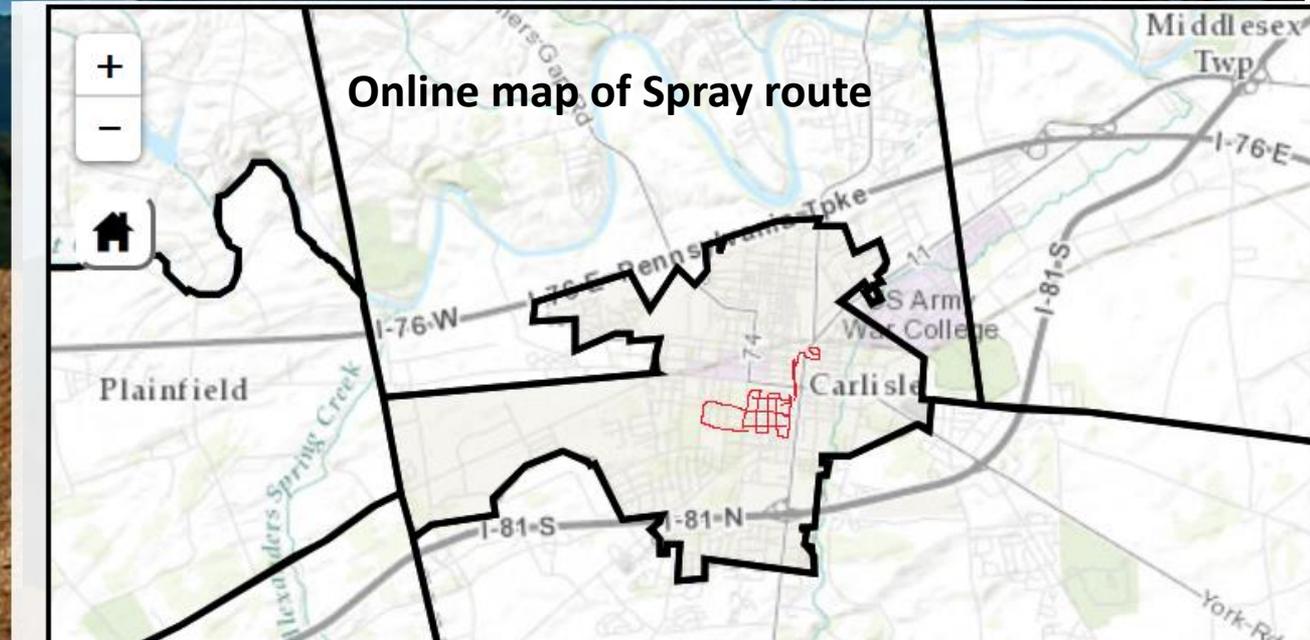
# Human Cases

Human Cases of West Nile Virus	
County	Number of Cases
Adams	1
Alleghany	5
Beaver	1
Berks	7
Bucks	9
Cambria	2
Carbon	1
Centre	2
Chester	2
Clinton	1
Dauphin	2
Delaware	5
Fayette	1
Franklin	8
Lancaster	9
Lebanon	6
Lehigh	4
Monroe	2
Montgomery	12
Montour	12
Northumberland	1
Philadelphia	14
Schuylkill	1
Tioga	1
Venango	1
Washington	1
York	5 + (1 Case of St. Louis Encephalitis)



32 Adult Treatments  
20 Municipalities

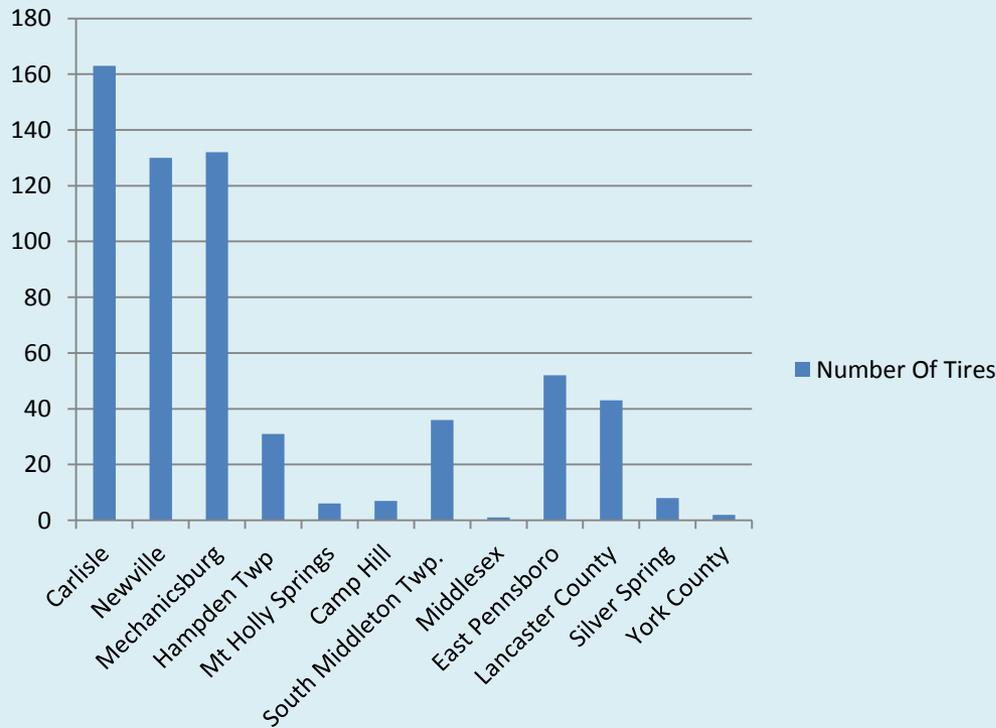
# Full transparency with the public





## 2018 Tire Collection

- Set up Collection with the help of Keep PA Beautiful and East Pennsboro Township
- Collected a total of 611 tires from across the county



### Got Old Tires?

Drop them off at East Pennsboro  
Township Public Works.

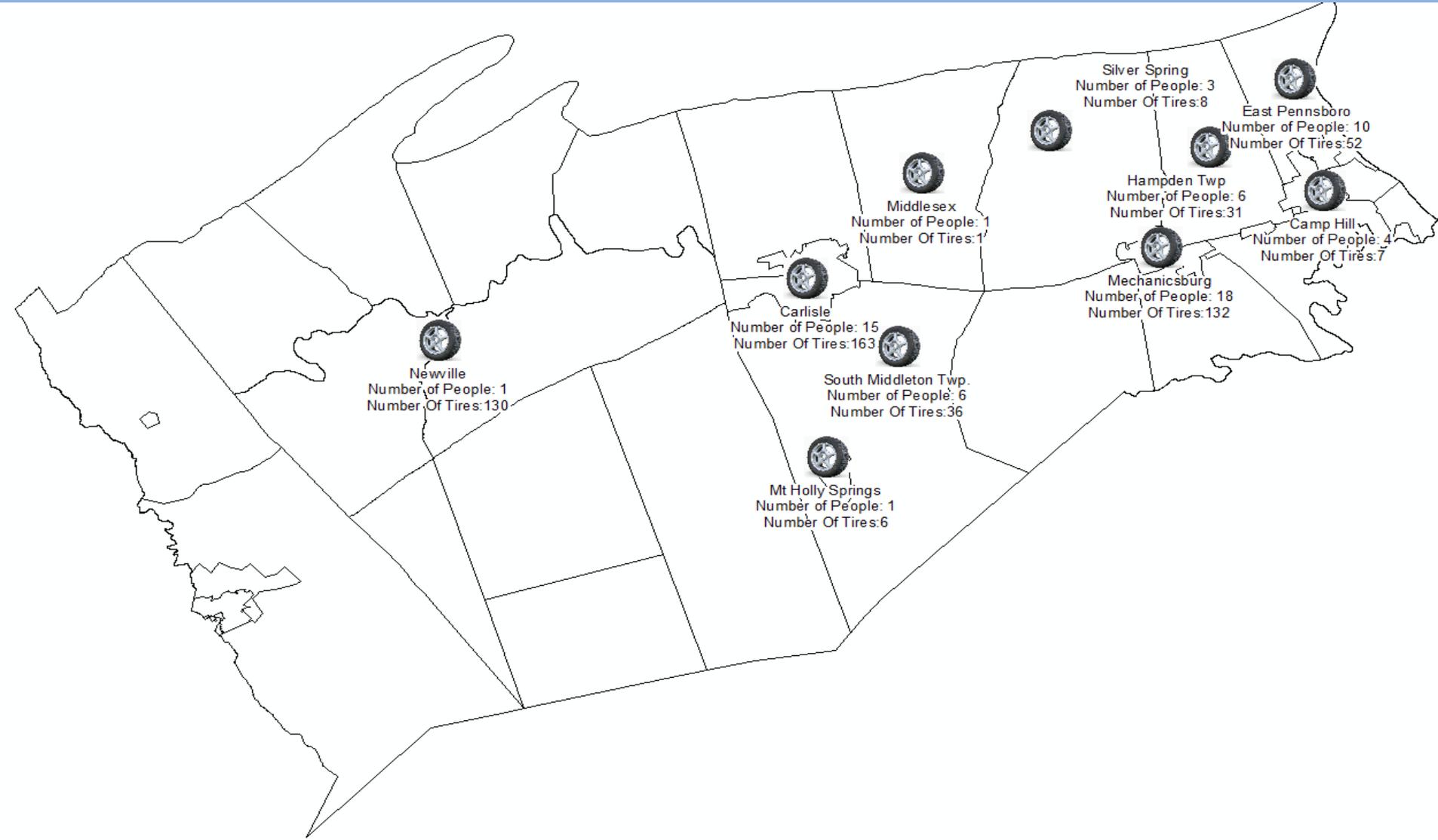
645 Tower Road, East Pennsboro Township

**September 29** . 9:00am - 1:00pm

Must Register by Sept. 26 . Call 724.836.4121 ext.104

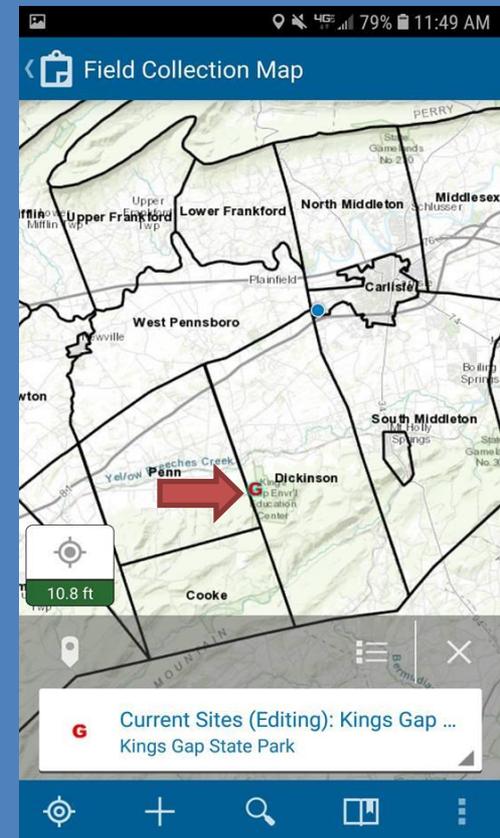
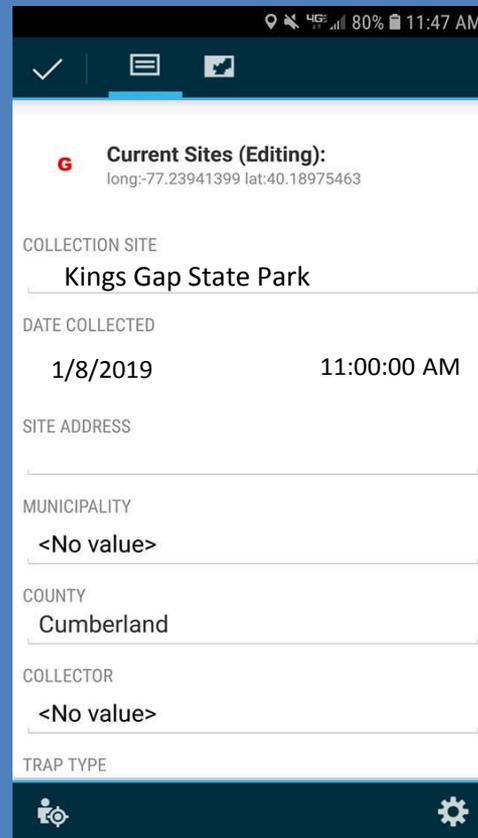
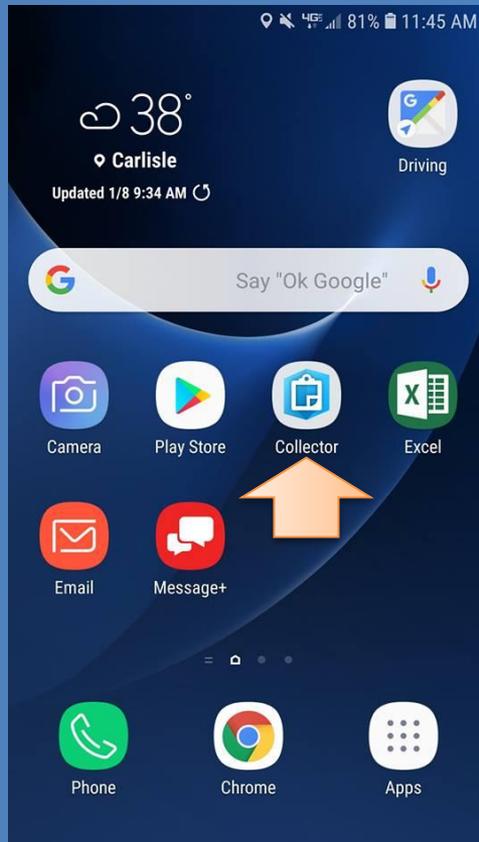
Hosted by Cumberland County Vector Control & PA CleanWays.

# 2018 Tire Collection



# West Nile Virus Mosquito Control Program

## Advancements in Collection Technology



We use the collector app from the field to track and archive where traps have been placed

# Everything logged in the field on Collector can be seen from the desktop

The screenshot displays a desktop GIS application interface. On the left, a sidebar titled 'Add Features' lists various site types: Trapping (with sub-categories B, G, L, WNF), Dipping, and Treatment. The main map area shows a geographical view of Pennsylvania with county boundaries and labels such as 'Lower Frankford', 'Upper Frankford', 'North Middleton', 'Middlesex', 'Silver Spring', 'Hopewell', 'North Newton', 'Southampton', and 'Cooke'. A blue arrow points from a specific location on the map to a 'Trapping' data entry window. This window contains the following information:

Trapping	
Collection Site	Kings Gap State park
Date Collected	1/8/2019
	8:45:00 AM
Site Address	Kings Gap
Municipality	Dickinson
County	Cumberland
Collector	M. Snyder
Trap Type	Gravid
NOTE	
Date Picked Up	1/9/2019
	11:00:00 AM
Trap Malfunction #	
Trap #	22
USI	471

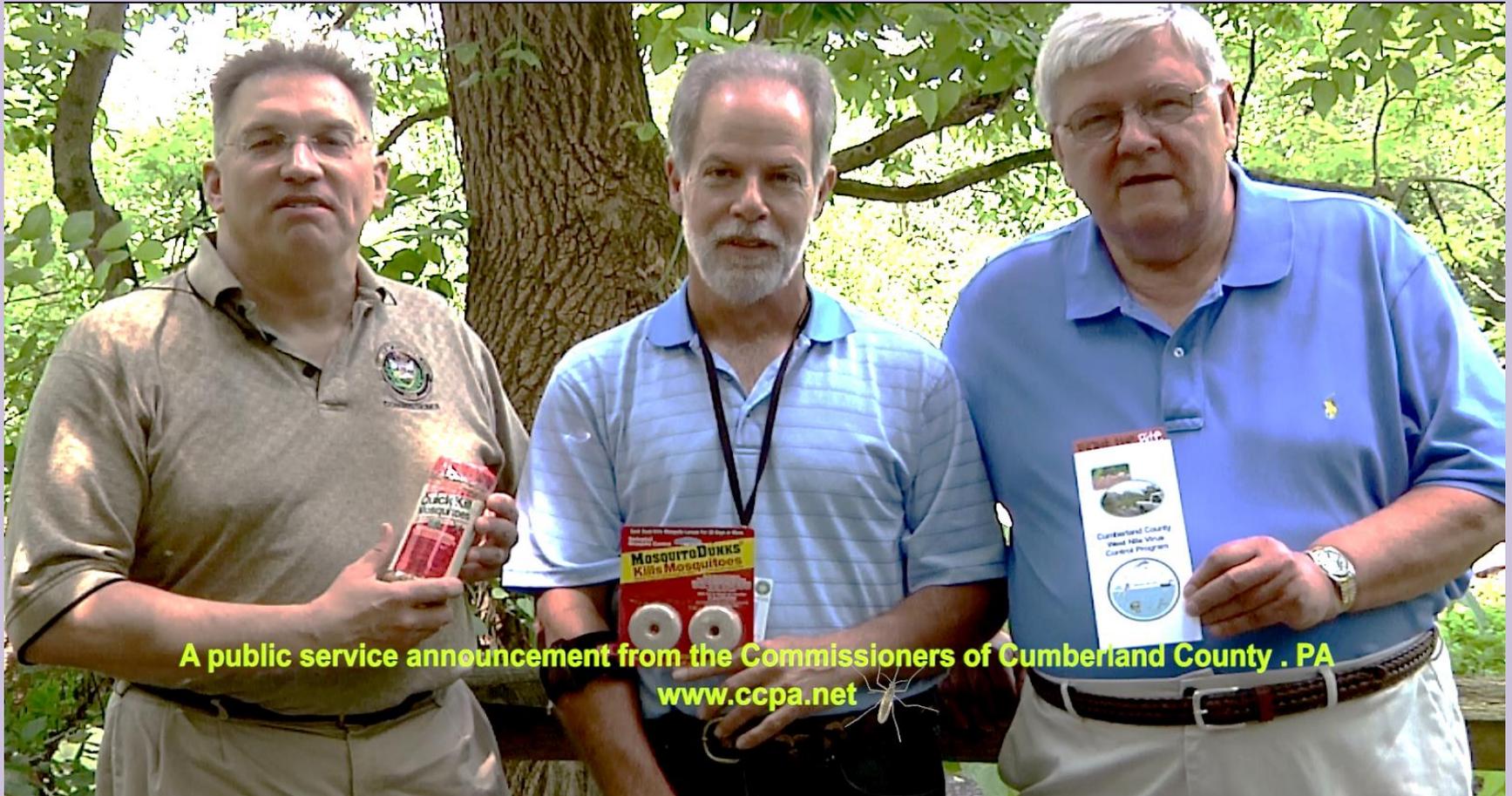
The desktop environment at the bottom shows the Windows taskbar with various application icons and the Windows Start button.

# Tick Surveillance

-  We collected 56 black legged ticks at 6 different public locations across the county.
-  16 locations were sampled
-  These locations consisted of community parks, state parks, and state game lands
-  They will be tested by the DEP for Lyme Disease



# Commissioner Informational Video



A public service announcement from the Commissioners of Cumberland County . PA  
[www.ccpa.net](http://www.ccpa.net)



**NEW  
NAME**

For the  
West Nile  
Program



# Mosquito Disease Control



**DUMP Standing Water...  
a Breeding Ground  
for Mosquitoes.**

**Cumberland County**  
WEST NILE VIRUS PROGRAM

[www.ccpa.net/westnile](http://www.ccpa.net/westnile)

# Weights



**WEIGHTS & MEASURES**  
 Cumberland County Pennsylvania  
 www.ccpa.net/wm 717-240-6349

**APPROVED 2018**

**INSPECTED AND FOUND CORRECT**

DO NOT DETACH OR DEFACE UNDER PENALTY

J F M A M J J A S O N D



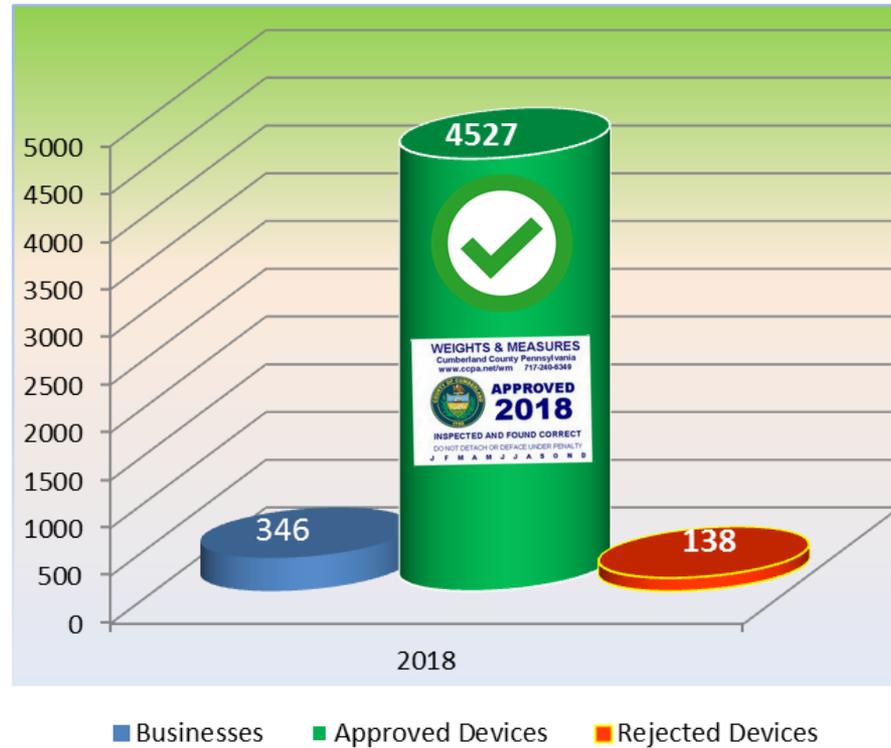
Scale Type:	Shipping		
Mfr:	Fairbanks		
Serial #:	180300500054		
Capacity	150	Division	0.05
Test Load "d"	Test Load lbs	Error in "d"	
0	0	0	
500	25	0	
Shift Cap 1/3	50	-1	0
		-1	-1
2000	100	-1	
4000	200	0	
Capacity	150	-2	
Dec Load1	100	-1	
Dec Load2	25	0	
Dec Load3	0	0	
<input checked="" type="checkbox"/> Approved		<input type="checkbox"/> Rejected	



# Review 2018



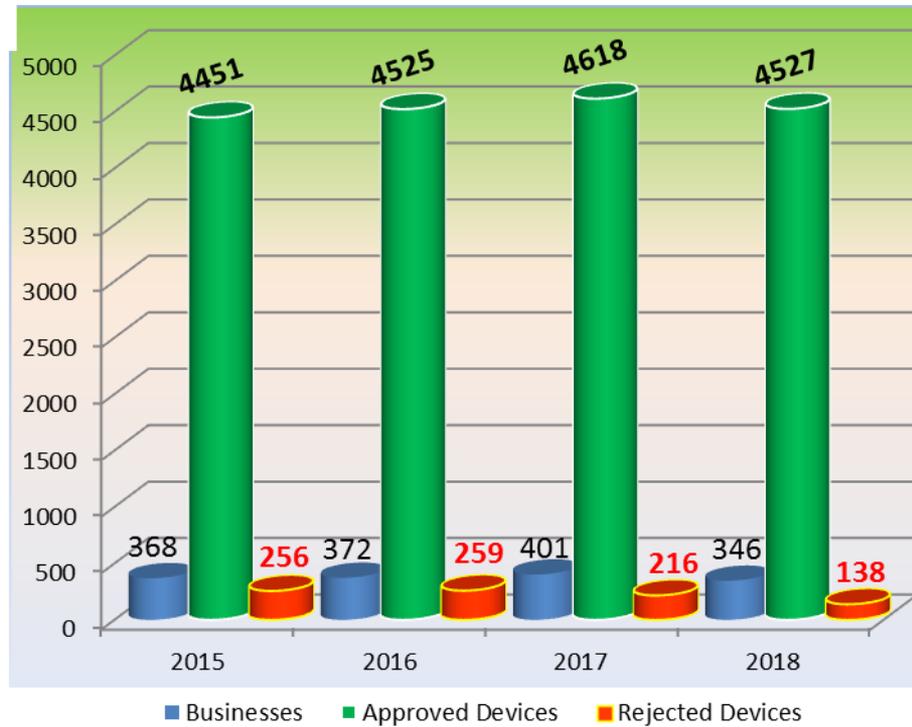
## Weights & Measures Inspection Summary 2018



# Review 2015-2018



Weights & Measures  
Inspection Summary 2015-2018



# Staff Information

Marcus Snyder  
717-240-7808  
mtsnyder@ccpa.net



Joseph Gangai  
717-240-6349  
jgangai@ccpa.net



John Bitner  
717-240-6349  
jbitner@ccpa.net



[www.ccpa.net/vector](http://www.ccpa.net/vector)

Email: vector @ccpa.net

Facebook- [Cumberland County, PA - Vector Control/Weights & Measures](#)