



## Vector Control / Weights & Measures

### Vector Control

Vector Control is responsible for the surveillance and control programs of specific vectors to protect residents from health risks and assist them with intolerable nuisance pest problems. These pests are include:

- Black Fly (Gnat) Program
- Dead Birds Testing & Reporting
- Mosquitoes West Nile Virus
- Gypsy Moth Suppression Program
- Household Pests/Wildlife Information
- Spotted Lanternfly
- Tick Lyme Disease



### Weights & Measures

Responsible for the testing and inspection of weighing and measuring devices used to determine the purchase price of goods. These devices include:

- Gas / Fuel Pumps
- Scales
- Firewood
- Mulch / Tanbark
- Commercial Business Information
- View a [map to our location](#).

### Company Registration





**2024**

CUMBERLAND

COUNTY

WEST NILE

REPORTING

Vector Control Weights & Measures Office

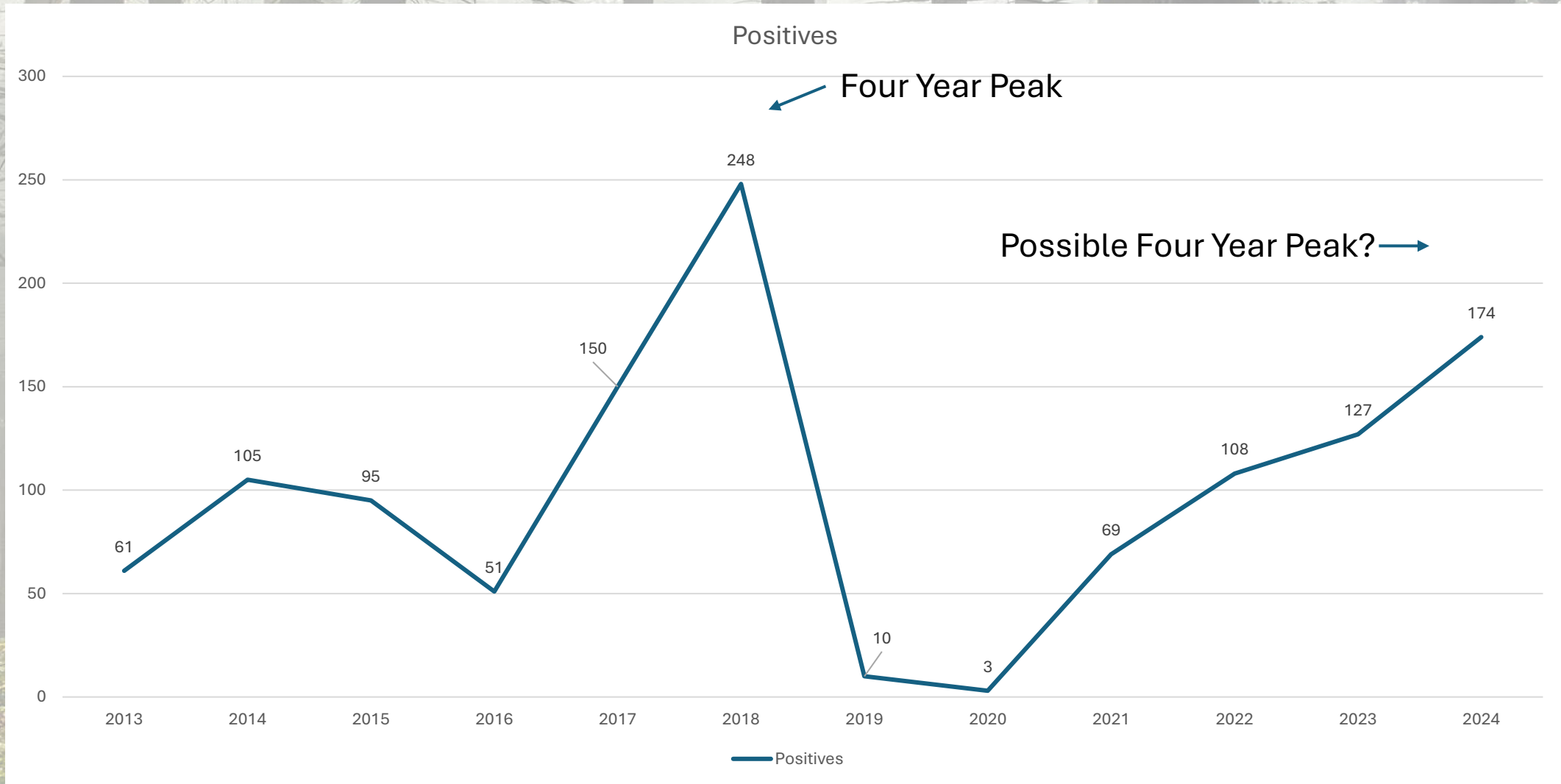
# West Nile Seasons 2020-2024

West Nile Totals 2020-2024					
Year	2020	2021	2022	2023	2024
Trap Collections	629	663	736	684	671
Larval Collections	279	293	365	474	488
Positives	3	69	108	127	174
Adult Treatments	1	10	14	5	14
Larval Treatments	69	89	91	87	171
Total Adults Collected	33936	39241	47613	58587	43273

# Key Season Take Aways

- Similar Number of Traps and Mosquitoes to Previous Seasons
- But... Higher Number of Positives

# West Nile Seasons 2013-2024



# Key Season Take Aways

- Similar Number of Traps and Mosquitoes to Previous Seasons
- But... Higher Number of Positives
- Is it Possible We Reached a Peak in This Cycle?

# Tire Collection



About 1,239 collected 2 days in May

➤ = 16.56 tons to be recycled



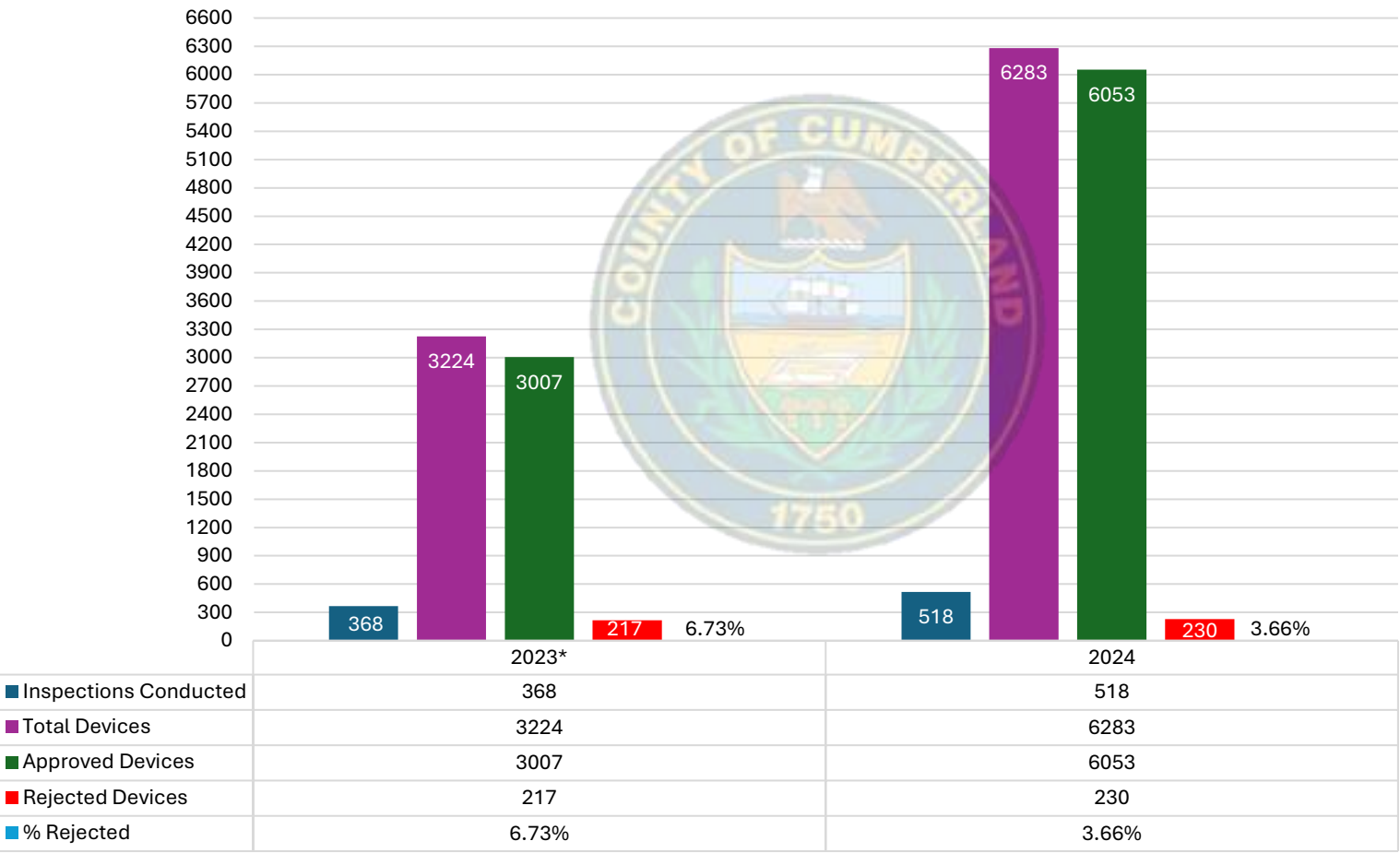
# Outreach

- FFA Career Showcase
- Oak Flat, Mount Rock, Newville Elementary Career Days
- Silver Spring Township Open House
- Public Safety Summer Fair
- Camp Hill Stormfest
- Night Out Middlesex Township
- Fox 43, Smart Talk interviews



# WM 2024

## Weights/Measures Inspection Summary 2023-2024



\* 2023 - 1 Staff position vacant 4 months

2024  
CUMBERLAND  
COUNTY  
WEIGHTS  
MEASURES  
REPORTING

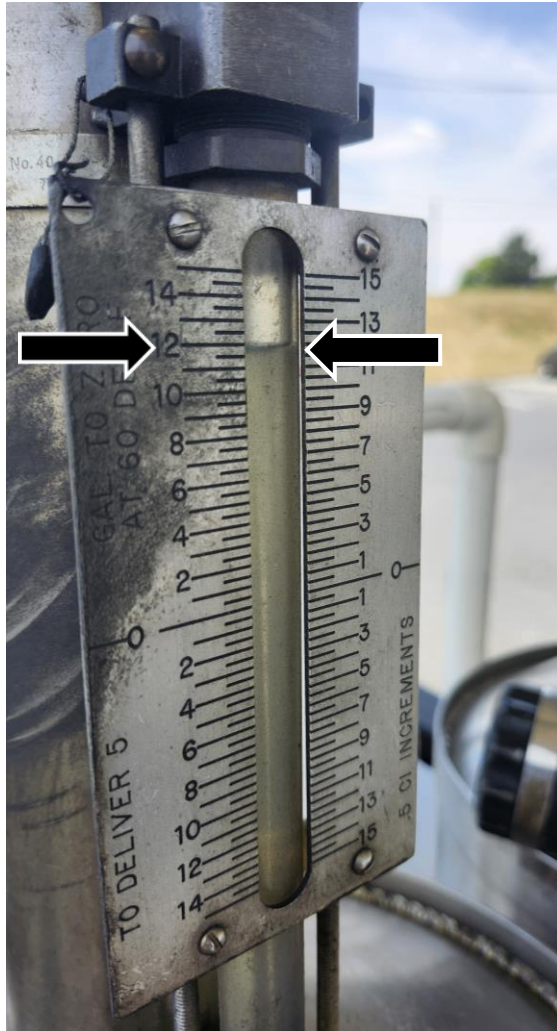
# Fuel 2024

- In 2024, our team conducted **4,671** fuel tests at 212 businesses in Cumberland County.
- The current failure rate for fuel pumps is approximately 3.5 %.
- Common reasons for pump failures:
  - Out of tolerance
  - Missing security seals
  - Display readability
  - Leaky hose
  - Missing fire extinguisher



Vector Control Weights & Measures Office

# Common Reasons for pump rejection, fail test



## Out of Tolerance Range

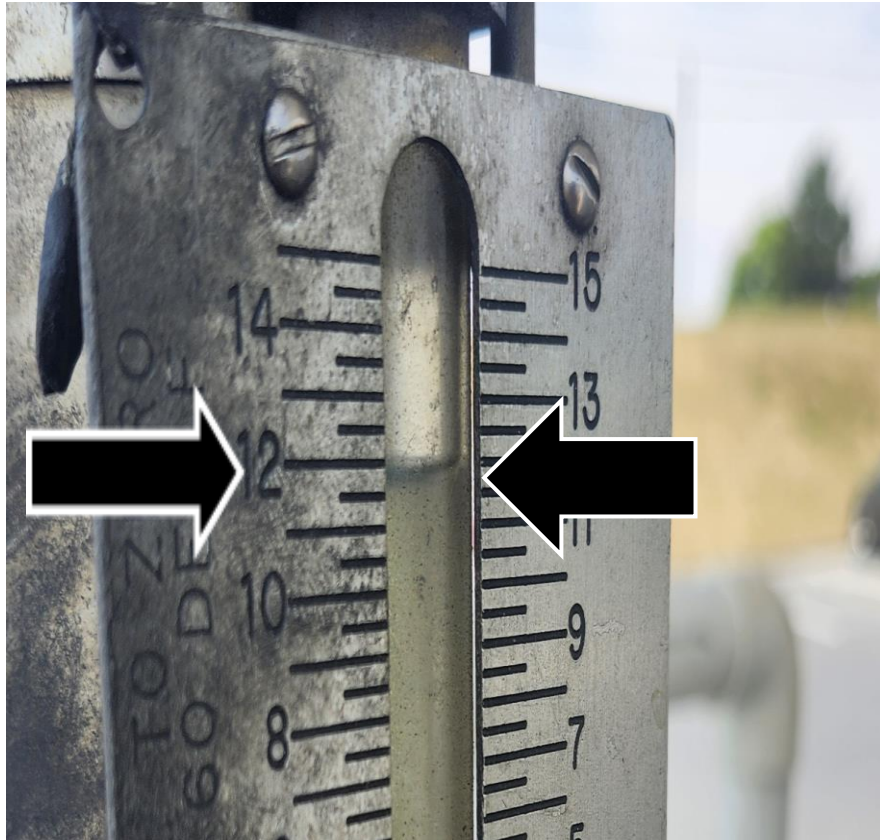
Per regulations, a fuel pump must be accurate to within 6 cubic inches per 5 gallons (3 ounces).

This pump was delivering 12 cubic inches of extra fuel per 5 gallons (6 ounces).

This affects the customer (extra gas) and the store (lost income).



# Common Reasons for pump rejection, fail test



## Out of Tolerance Range

@ \$3.20 gallon, 1 ounce fuel = 2.5 cents

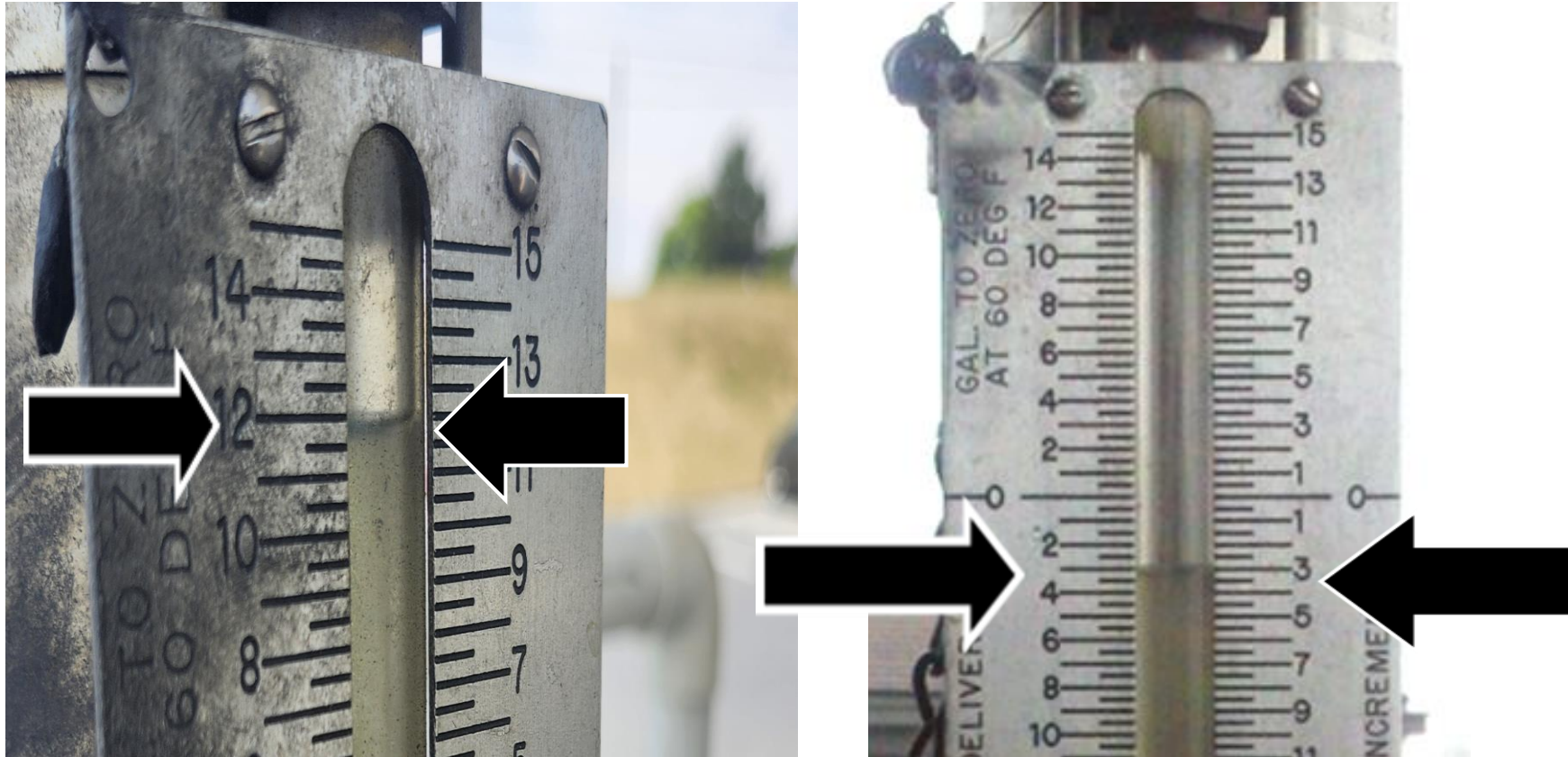
2.5 cents times 6 ounces = 15 cents

15 cents times 300 fills per /day = \$45 per day

\$45 per day times 365 =

**\$16,425 year**

# Tolerance Plus vs Tolerance Minus

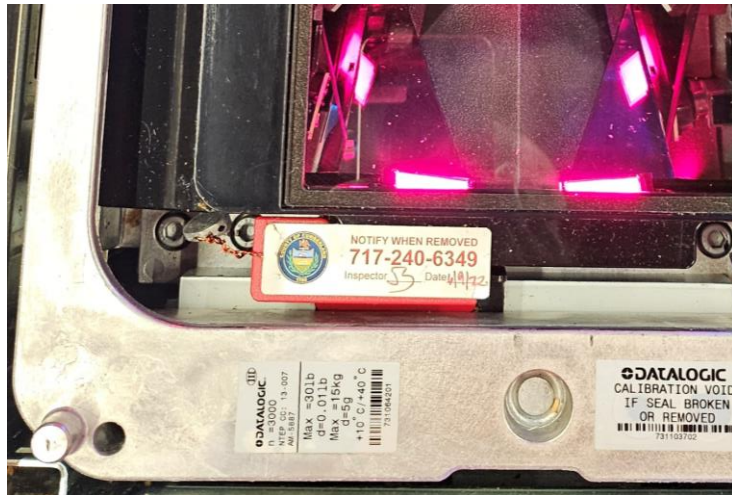


# Scale 2024

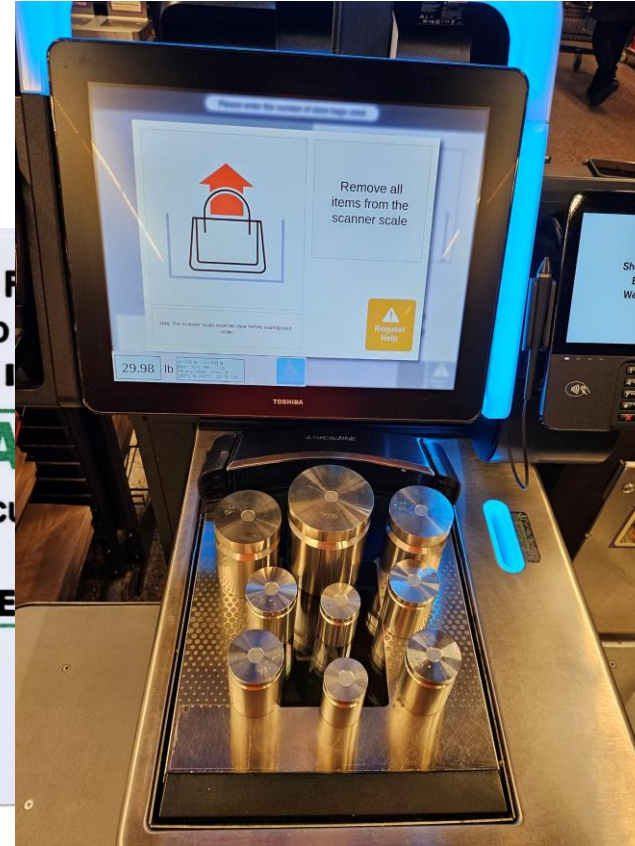
- Many varieties of scales are inspected and tested:
  - grocery store, deli, produce, self-weight, jewelry, shipping, propane, livestock, etc.
- At right is an example of a scale inspection conducted at a Pharmacy.
  - Notice the “old fan style” scale still used to weigh candy.
- Like fuel inspections, scales must fall within a specific tolerance to pass testing and to be useable.
- In 2024, we inspected **350** businesses including **1,610** scales.
- Of those, **63** devices failed (3.9%).

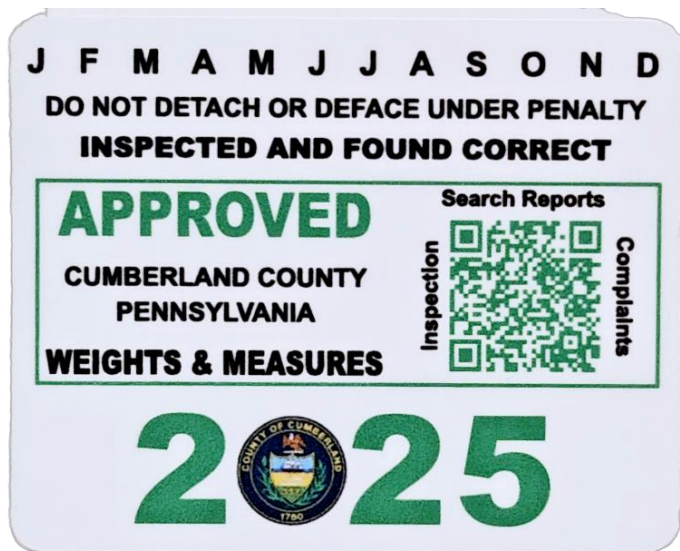


# Scale Types



# Scale Types





Weights & Measures   Business Search   About   Contact		
Business Search		
<input type="text"/>	<input type="button" value="Search"/>	
Business Name	Owner	Address
-		, PA
4 H Cumberland County		310 Allen Road Carlisle, PA 17013
4 Herbs & 7 spices Ago	Rene & Christina Sanabria	180 Airport Road Shippensburg, PA 17257
7 Eleven Carlisle		1003 S. Hanover Street Carlisle, PA 17013
7 Eleven Inc #40069H	7-Eleven Inc.	200 Walnut Bottom Shippensburg, PA 17257
7 Eleven Inc #40165A	7 - Eleven Inc.	3180 Market St. Camp Hill, PA 17011
7 Eleven Inc #40186H	7-Eleven Inc.	5520 Carlisle Pike Mechanicsburg, PA 17055
7 Eleven Inc #40277H	7-Eleven Inc.	Blue Mtn Turnpike Plaza Newburg, PA 17240
7 Eleven Inc #40278H	7 - Eleven Inc.	Plainfield Turnpike Plaza Plainfield, PA 17081
7 Eleven Inc #40448H	7-Eleven Inc.	459 N Enola Rd Enola, PA 17025
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<https://www.cumberlandcountypa.gov/1043/Weights-Measures>