

THE



SIDE

OF SAFETY



THE AKRON ZOO



- 77 acres
 - 35 currently developed
 - Adding 15 over the next 2 years
- 150 FT YR staff
 - ~200 including summer seasonals
- Over 2,000 animals
- Avg. 400,000 visitors annually





AC



EDU



EVENTS



CUST



GS

P&C
FIN
GS



VET



CP



EA



FS

COMM
GEX
MEM



CONS



MAINT



HORT

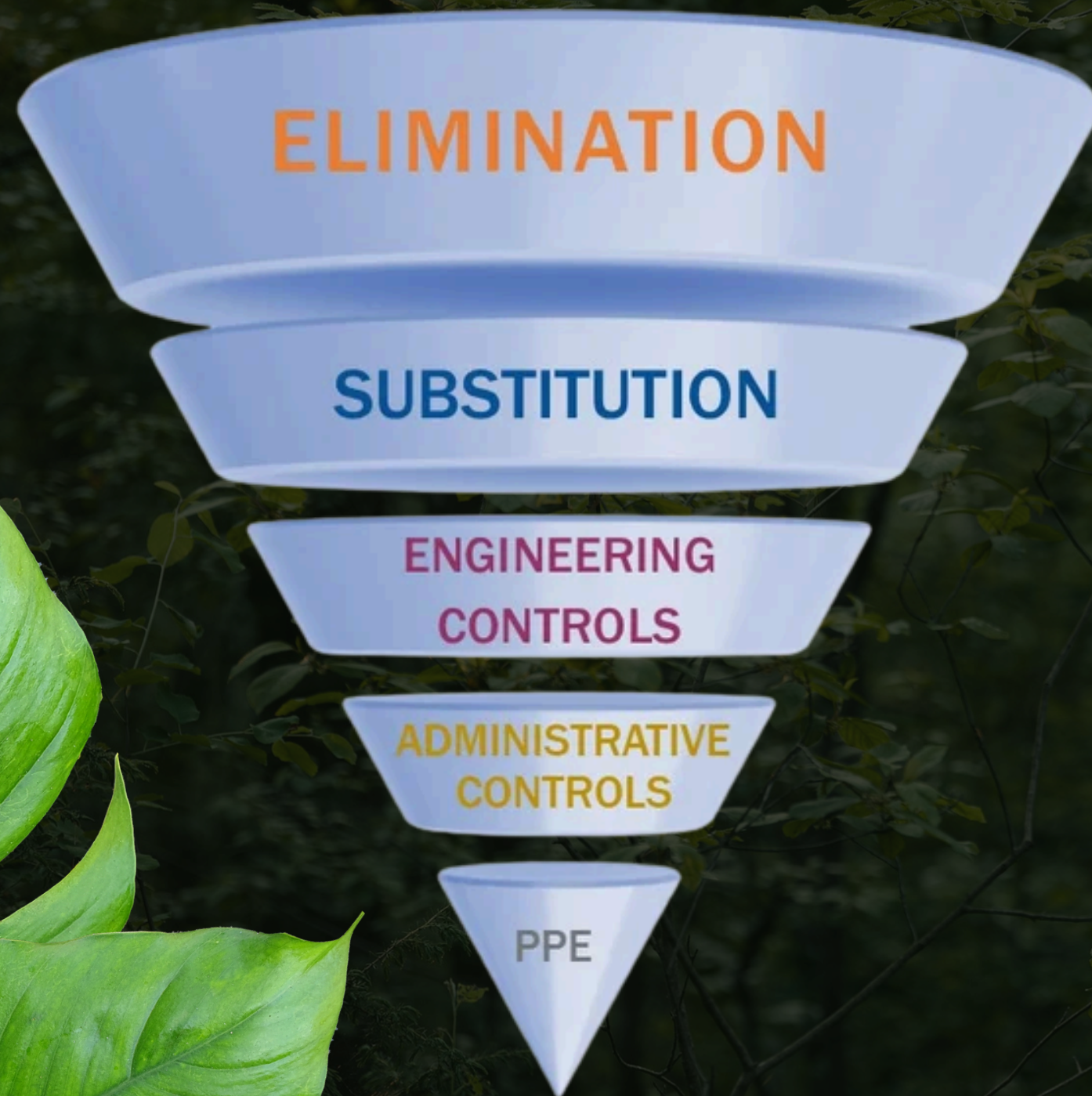


VOLN



SS

SAFETY & SECURITY



- Risk Management
 - Risk Assessments, Hazard Mitigation, Job Hazard Analyses, Animal Contact Hazard Analyses
- Prevention
 - Engineering & Administrative Controls
- Intervention & EOPs

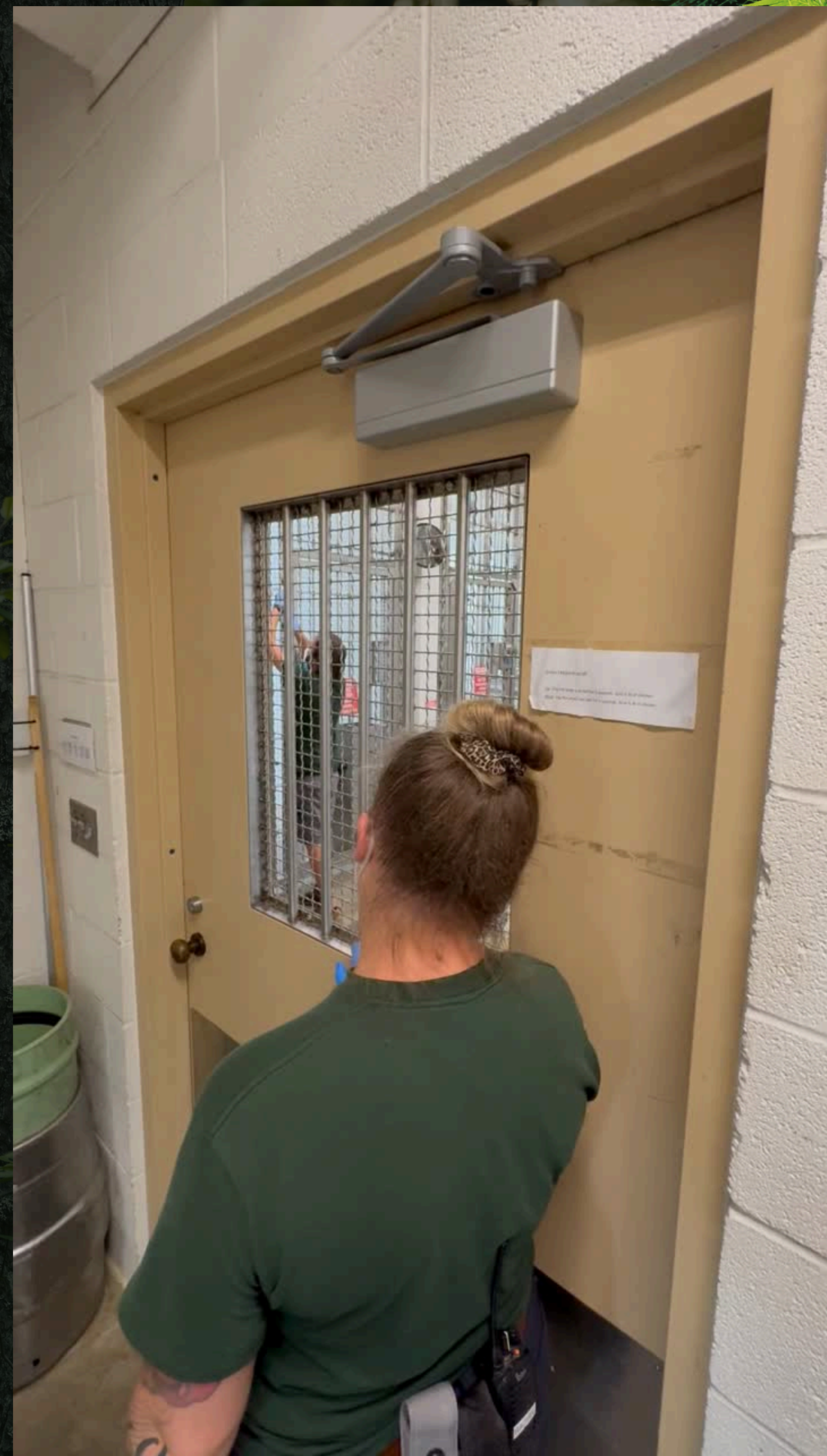
PREVENTION

- Engineering & Administrative Controls:
 - 2 Lock, 2 Key, 2 People
 - (Shifter & Spotter)
 - Door pins
 - Door signs & labels
 - Colors
 - Location Maps
- Training - annually at minimum





2 Lock,
2 Key,
2 People:
Shifter
&
Spotter



PREVENTION



- In-Person Training:

- First Aid
- CPR/AED
- Stop the Bleed
- De-Escalation
- Active Shooter
- Fire Extinguisher
- Pepper Spray
- Narcan
- Fall Protection
- Fit Testing & Respirators

- Monthly LMS (Agility)

- OSHA Trainings:

- BBP
- Ladder Safety
- Knife Safety
- HAZCOM & SDSs
- Zoonosis
- LOTO
- Fall Protection
- Respiratory Protection
- Heat/Cold Stress
- Ergonomics
- Electrical Safety

FIRST AID

- Trauma kits including tourniquets on every safety cage in every Dangerous Animal area
- Every First Aid Station (4 around the park) & Response Go-Bag (4 around the park) have:
 - Tourniquets
 - Israeli Bandages
 - Chest Seals
 - Compressed gauze
- AEDs (5 around the park)



AKRON

ZOO

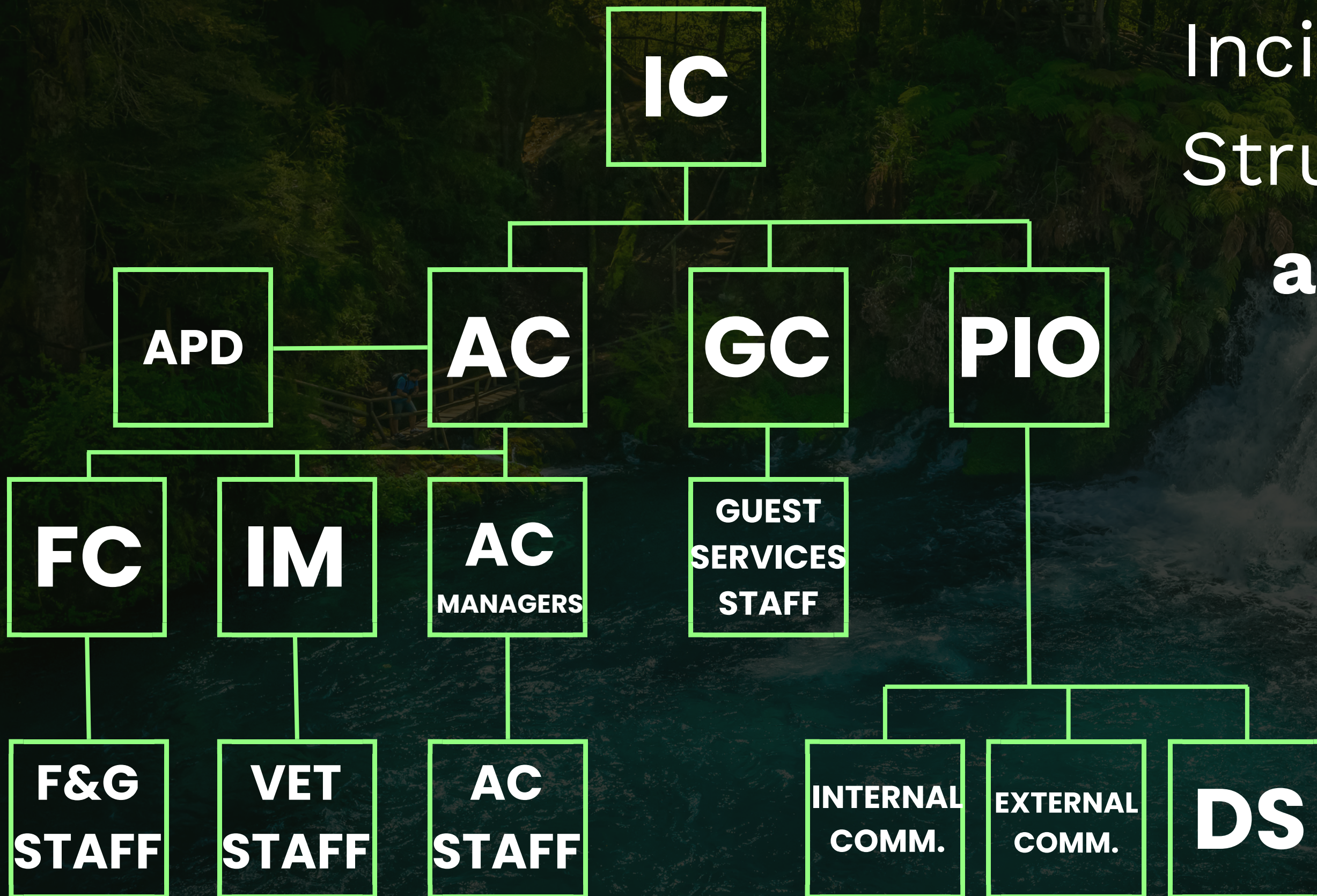
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Emergency Operation Procedures

INCIDENT COMMAND SYSTEM

Incident Command
Structure During an
**animal-related
event.**



CODE SYSTEM

CODE RED

- Dangerous Animal in a Public Area

CODE ORANGE

- Dangerous Animal out of Primary Containment, but within a Secondary Contained Area



CODE SYSTEM

CODE YELLOW

● Potentially
Dangerous Animal
out of Containment

(In a Public Area OR
another Contained
Area)



CODE SYSTEM

CODE GREEN

● Non-Dangerous Animal
out of Containment

(In a Public Area OR
another Contained Area)



CODE SYSTEM

Code Human Injury

Code Security

Code Lost Child

Code Active Shooter

Code Smoke/Fire

Code Severe Weather



APD/SWAT & AFD/EMS

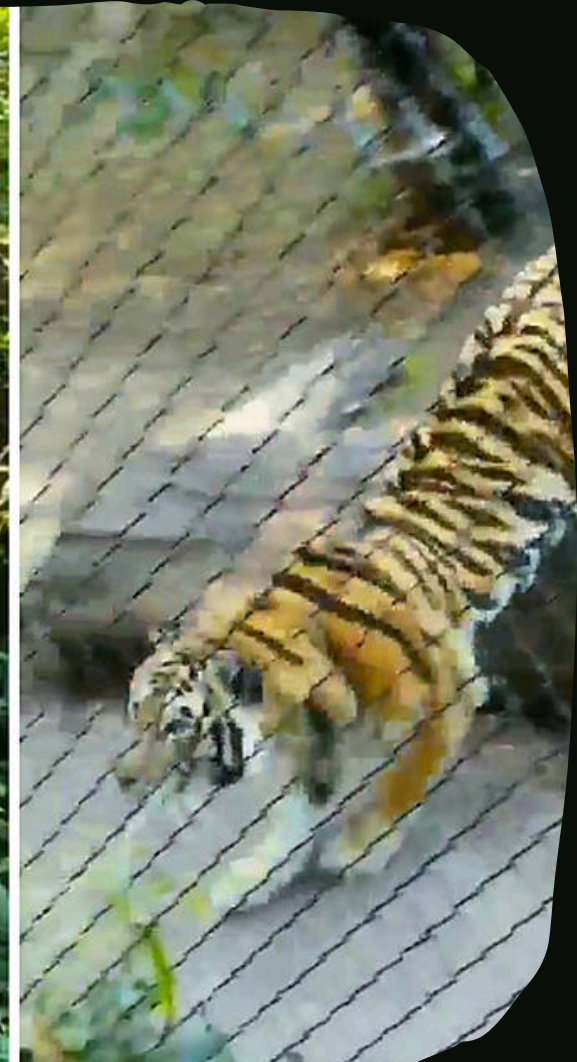
Firearms Team

- Training:
 - Live Exercises/Drills & Range Training 2x per year with APD/SWAT
 - Unified Drill - Nov. APD/AFD/EMS
- APD & AFD provide multiple trainings for us throughout the year
- Table-top drills with APD



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WHY?





WEIGHT: 250 LBS.
JUMP: 12 FEET
RUN: 30-40 MPH
HIDE: LOW IN TALL PLANTS
LIKELY AGGRESSIVE

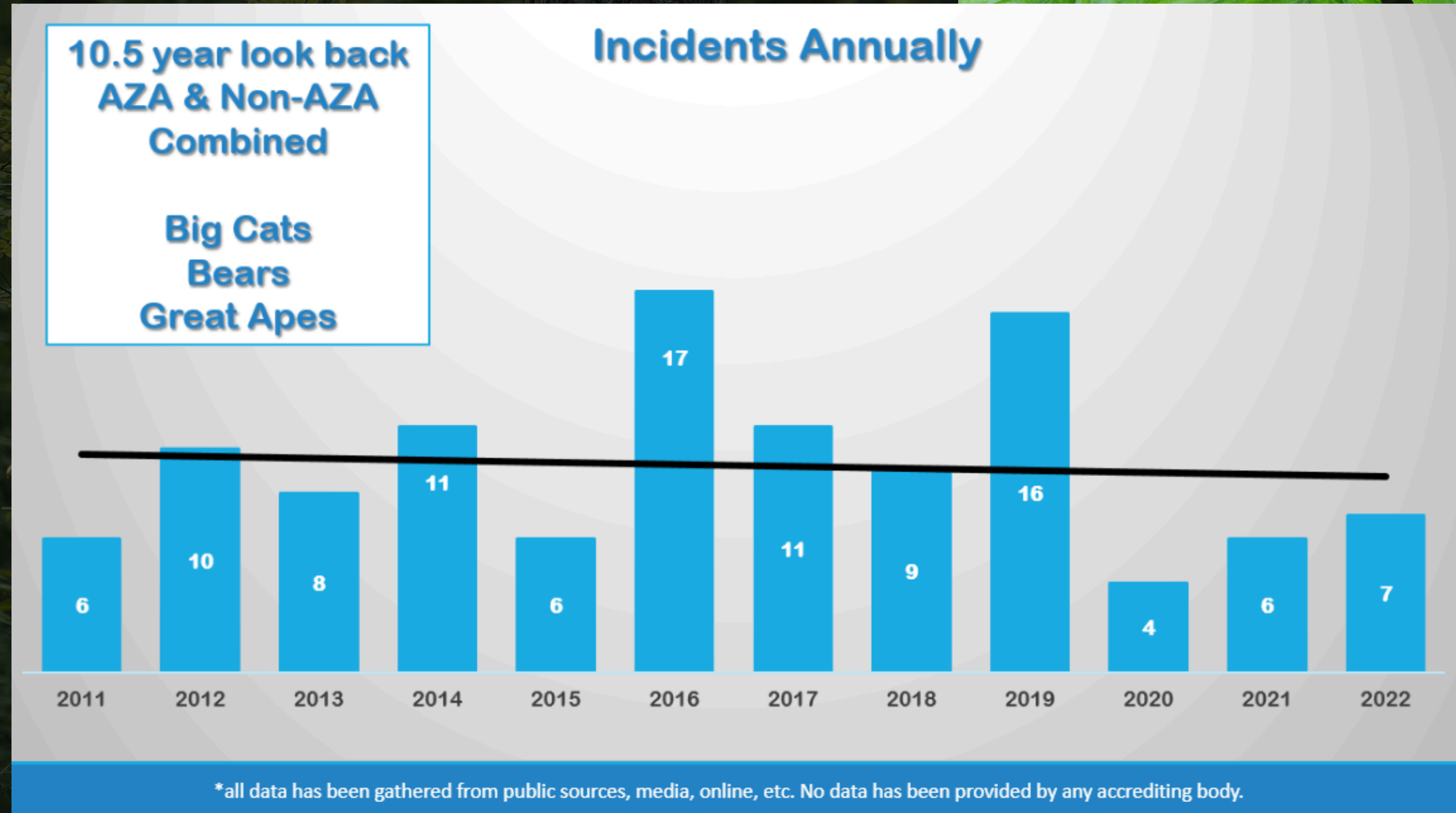
WEIGHT: 100 LBS.
JUMP: 16 FEET
RUN: 35-40 MPH
HIDE: LOW IN TALL PLANTS, OR
HIGH IN A TREE
LESS AGGRESSIVE, MORE
SOCIAL, MAY BE LESS STRESSED
& MORE CURIOUS

WEIGHT: FEMALE 250 LBS.
MALE 450 LBS.
JUMP: 12 FEET
RUN: 50 MPH
HIDE: LOW IN TALL PLANTS
LIKELY AGGRESSIVE

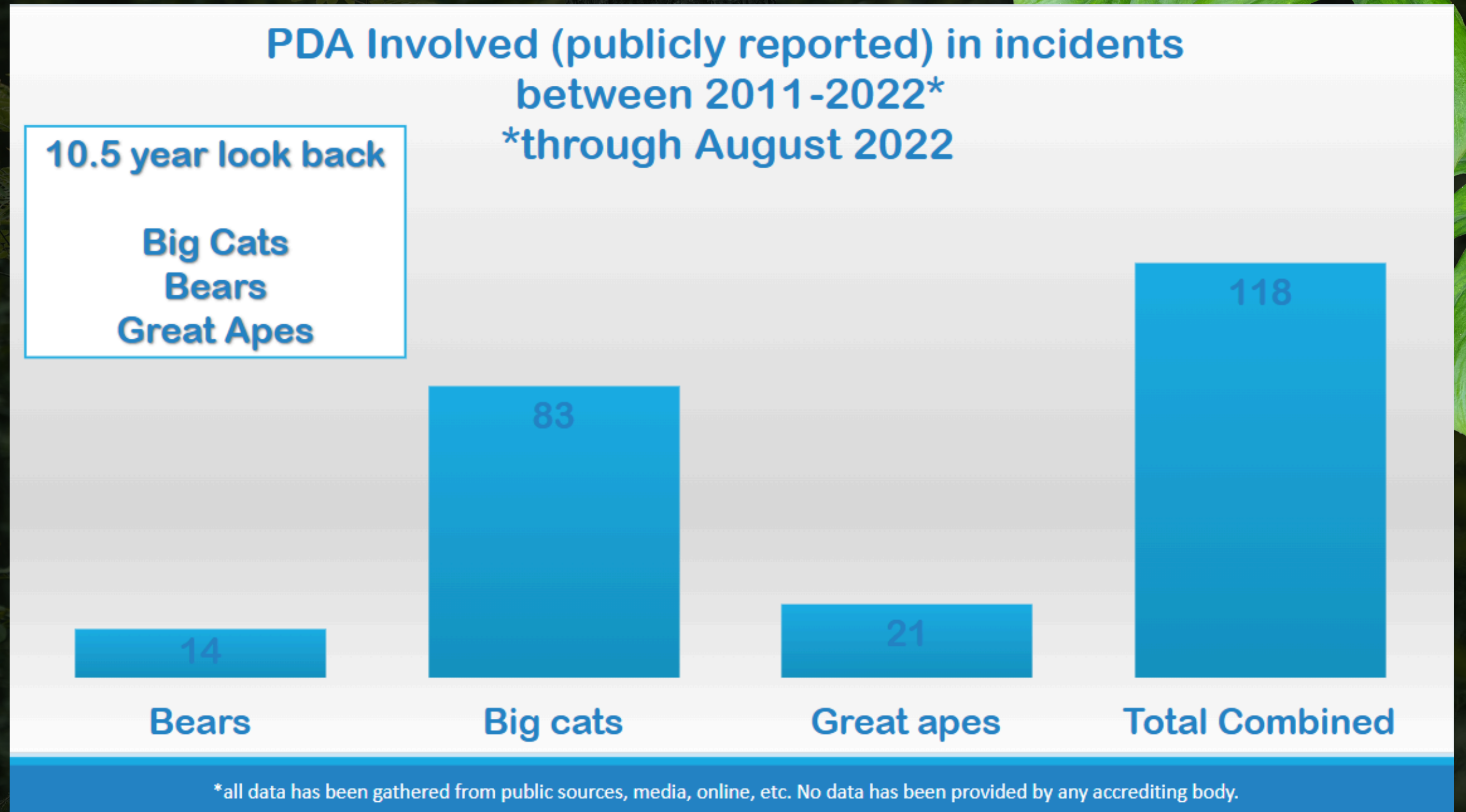
WEIGHT: 450 LBS.
JUMP: UNLIKELY, MAY CLIMB
RUN: 35 MPH
HIDE: LOW IN TALL PLANTS
LIKELY CURIOUS & LESS
AGGRESSIVE

WEIGHT: FEMALE 110 LBS.
MALE 160 LBS.
JUMP: 18 FEET VERTICAL
45 FEET HORIZONTAL
RUN: 40-50 MPH
HIDE: LOW IN TALL PLANTS, OR
HIGH IN A TREE
LIKELY AGGRESSIVE

Historical Incidents of AZA & Non-AZA Institutions Combined



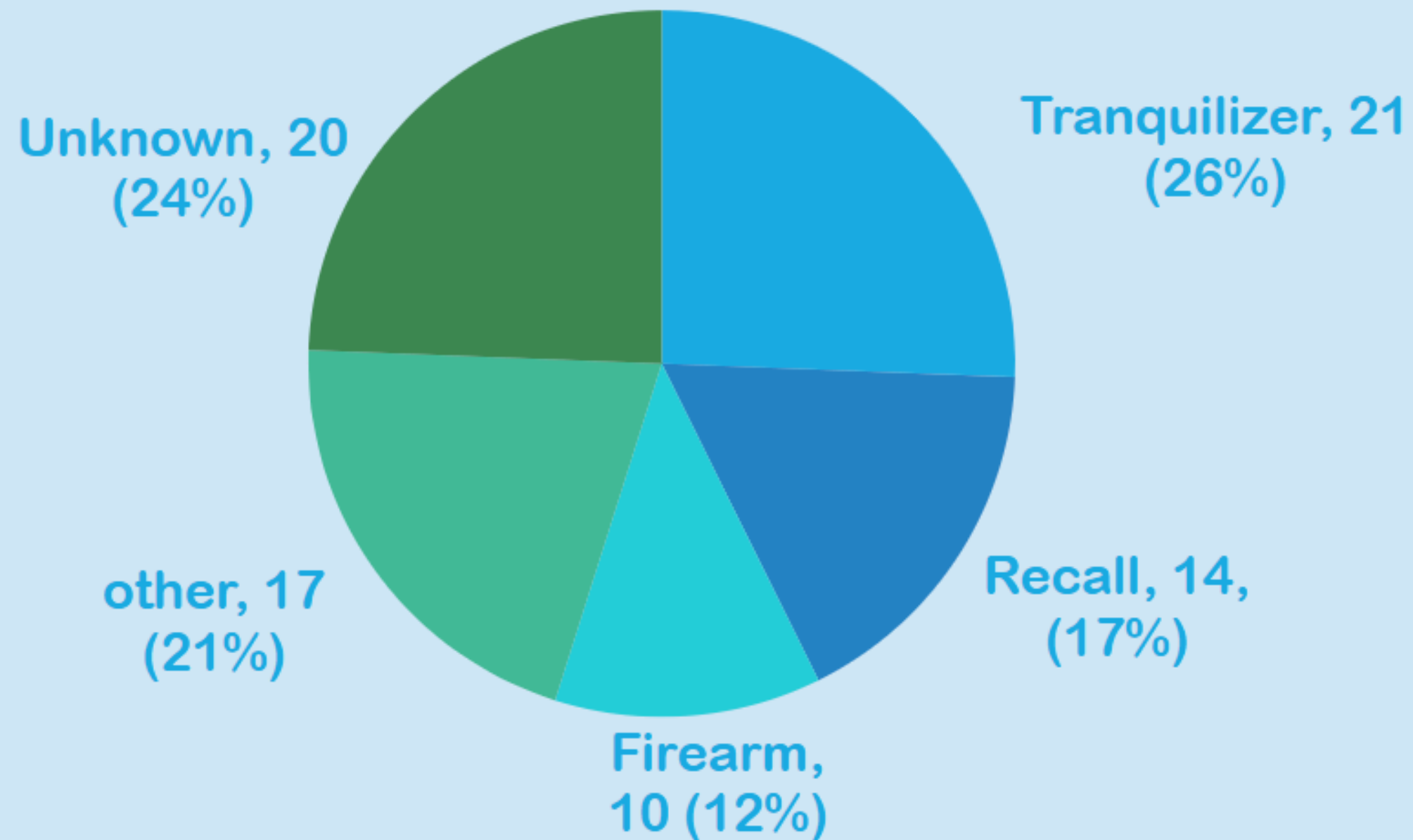
Types of Animals Involved in These Incidents



INCIDENT RESOLUTIONS

Incident Resolution 2011 – 2022* (for incidents needing human intervention)

*through August 2022



10.5 year look back
AZA & Non-AZA
Combined

Big Cats
Bears
Great Apes

*all data has been gathered from public sources, media, online, etc. No data has been provided by any accrediting body.



RESOLUTIONS

- Recall
 - pairing a unique sound with a high-value reinforcer
- PPE:
 - Pepper spray, bear spray
 - recapture equipment:
 - nets, gloves, push boards, nooses, etc.
- Deterrents:
 - co2, hose, loud noises (air horn, sirens), other tools
 - non-lethal options:
 - blunt darts
 - rubber projectiles
 - darts



APD/SWAT & AFD/EMS

Drills

- SWAT Drills
 - 2 Days in April
 - 2 Range Days
- Unified Drill
 - Close the zoo for 1 day in November
 - APD, AFD/EMS, Cleveland Clinic – Akron General, Children's, Summa, City of Akron EMA, Summit County EMA
 - Observers from all over the county & other AZA facilities



WHY?

“You do not rise to the level of your expectations, you fall to the level of your training.”



QUESTIONS?



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THANK
YOU!

