NEVADA DEPARTMENT OF WILDLIFE URBAN WILDLIFE PROGRAM

Jessica Heitt, Urban Wildlife Coordinator

History of the Program

- 2 positions created in fall of 2015
  - Southern Region- Joshua Cerda
  - Western Region- Jessica Heitt
- Originally 30 hours per week intended to respond to a large volume of calls
- March of 2018 positions became full time positions

Current Program Activities

- Responding to incoming urban wildlife calls
- Outreach & Education
  - In school visits & public presentations
  - Media interviews
  - Magazine articles
- Field Responses
  - Waterfowl Diseases
  - Coyote Monitoring
  - Bats in UNR Lawlor Stadium
- Data Collection & Mapping

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FLYING FANS

AT

LAWLOR EVENT CENTER

WHO KNEW ?

UNR's biggest fans are a group of migrating free-tailed **bats!**

This group of free-tailed bats were on their long migration journey and decided to take a break in the "bat cave" at Lawlor Event Center. The Department of Wildlife and UNR have been working together to capture and remove bats. The Department of Agriculture tested 32 of the flying fans for rabies and all tests were negative. A few die-hard flying fans want to see more basketball games and have stuck around longer than expected.

NEVADA DEPARTMENT OF WILDLIFE

PLEASE BE ON THE LOOKOUT FOR THESE FAST FLYING, BASKETBALL DODGING MAMMALS.

NEVADA

What should you do if a flying fan comes near you?

- Flying fans are like the referees - they do not like to be harrassed!!
- Please do not throw things at them, and do not try to touch them.
- If you come in contact with one, please alert UNR staff immediately.

BATS AMAZING!!

These flying fans are Mexican free-tailed bats

- Speedsters of the bat world – they can fly 60 miles per hour
- High flyers – capable of flying at 10,000 feet
- Super social – some colonies number more than a million bats
- Nature's natural pest control – consuming huge numbers of pest species such as moths, flying ants and beetles
- Free-tail bats are long distance commuters – flying up to 100 miles round trip in search of food each night
- All mammals can contract rabies – It's estimated that less than 1% of bats carry rabies

BATS HILARIOUS!!

1. What is a bat's favorite sport?
2. What foul did the migratory bat get called for?
3. How do bats get the rebound?

1. Bats-ketball. 2. Travelling. 3. Off the bat-board

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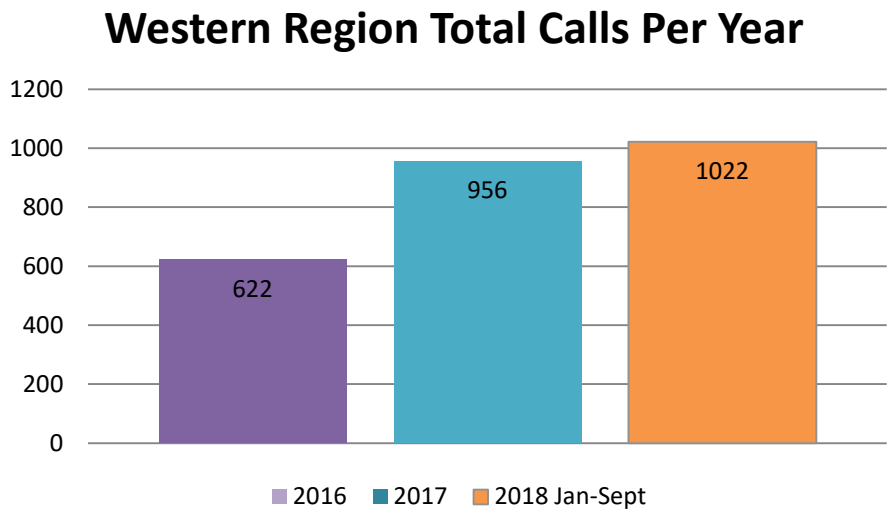
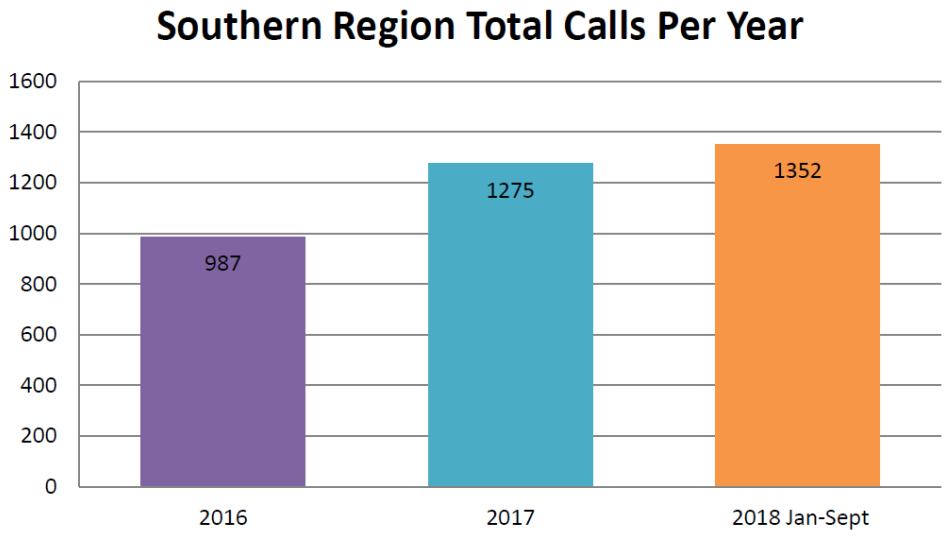
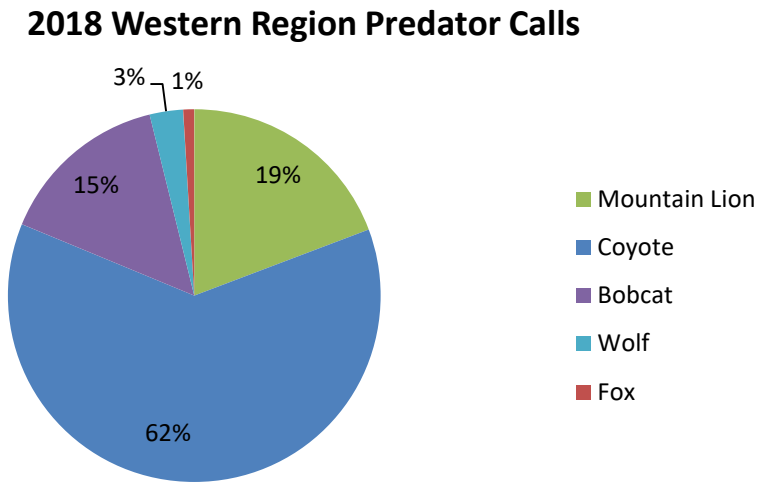
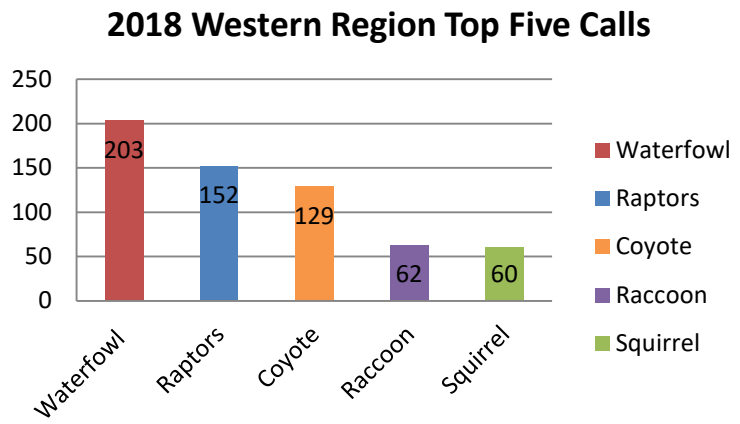
Program Growth

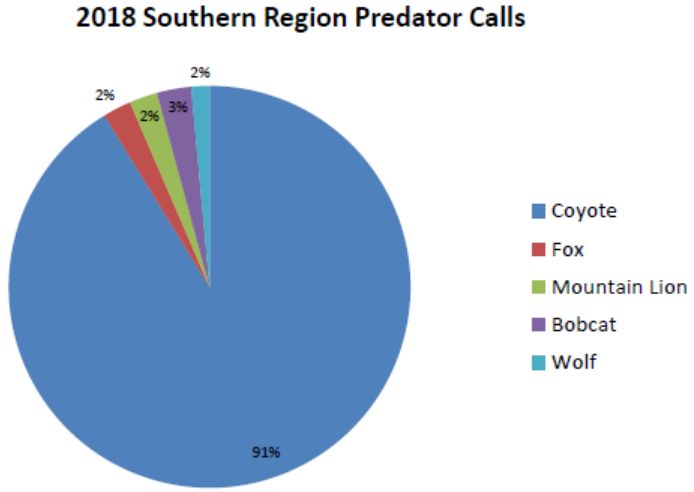


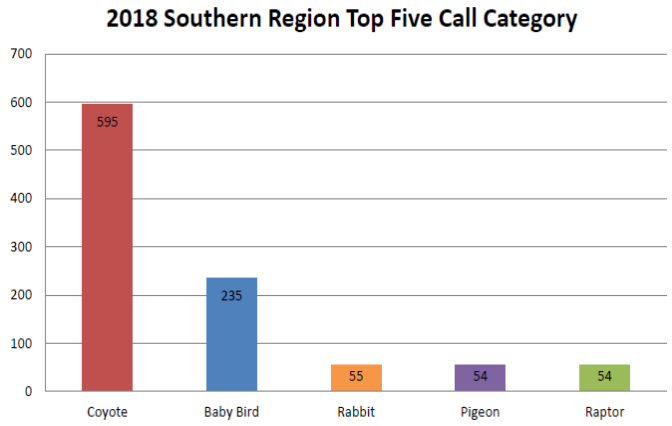


ArcGIS Data

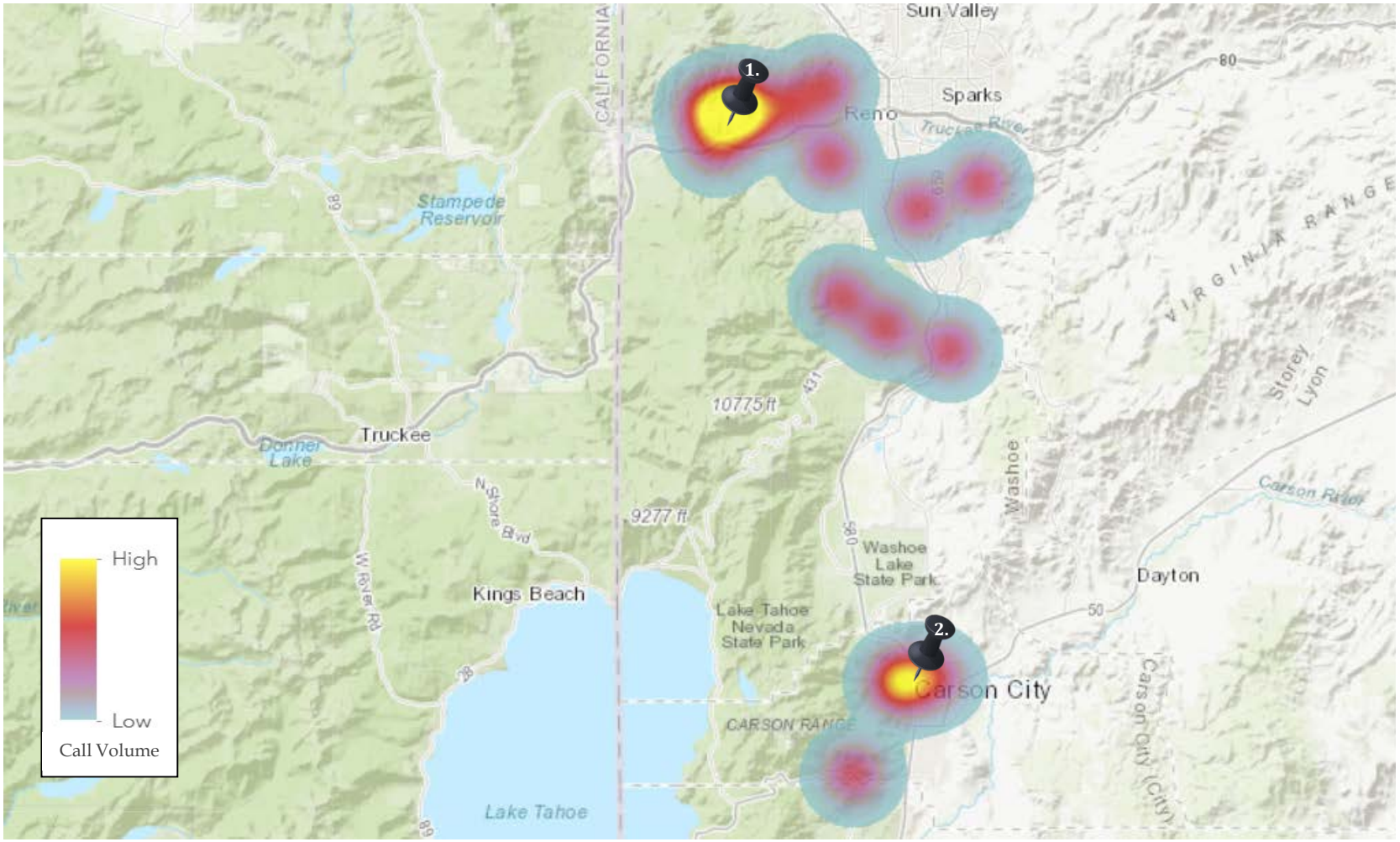

2018 Western Region Predator Calls
3%
1%
19%
15%
62%
Mountain Lion
Coyote
Bobcat
Wolf
Fox


2018 Western Region Top Five Calls
250
200
150
100
50
0
203
152
129
62
60
Waterfowl
Raptors
Coyote
Raccoon
Squirrel
Waterfowl
Raptors
Coyote
Raccoon
Squirrel

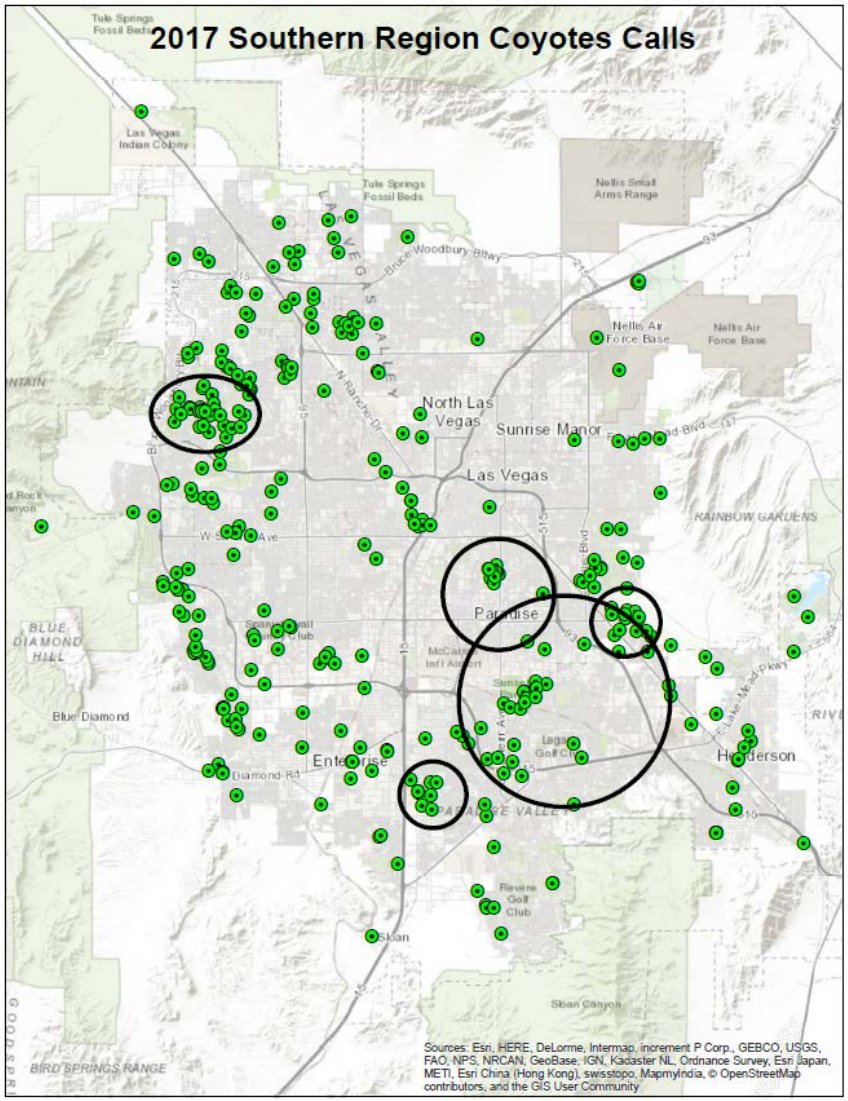

2018 Southern Region Predator Calls
2%
2%
2%
3%
91%
Coyote
Fox
Mountain Lion
Bobcat
Wolf


2018 Southern Region Top Five Call Category
700
600
500
400
300
200
100
0
595
235
55
54
54
Coyote
Baby Bird
Rabbit
Pigeon
Raptor

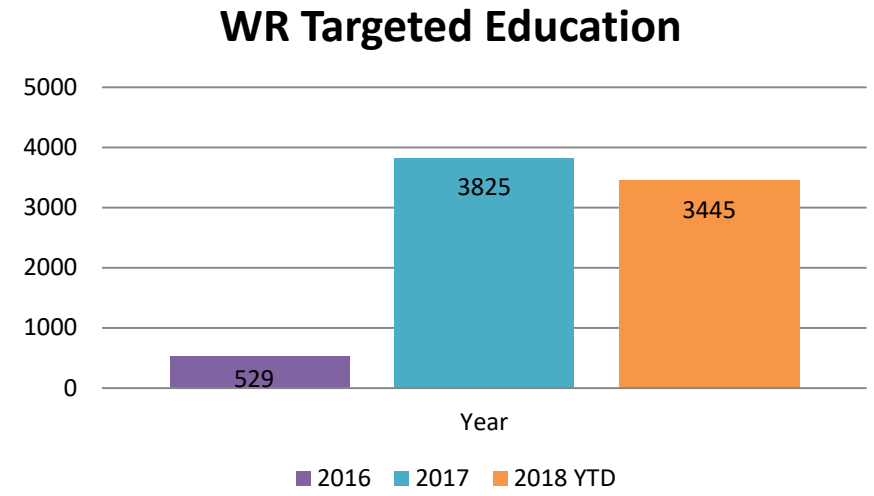
ArcGIS Data

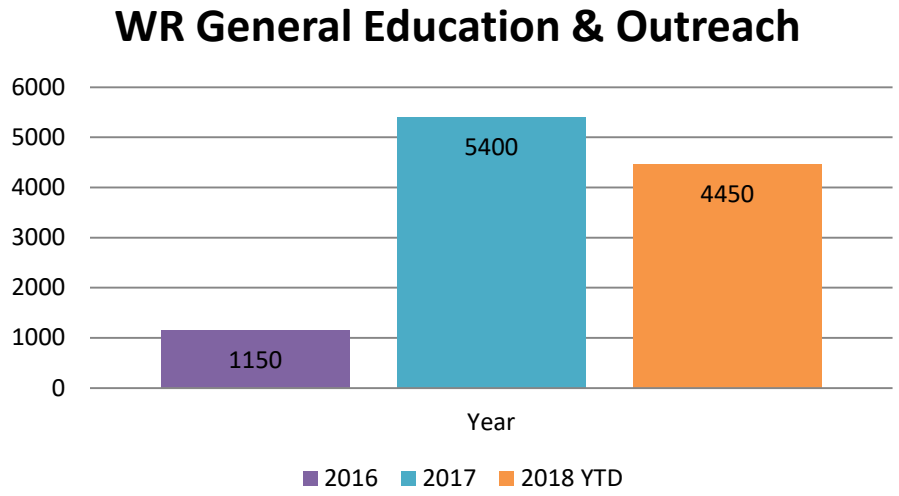

1.
2.
Sun Valley
Sparks
Reno
Truckee River
Stampede Reservoir
CALIFORNIA
VIRGINIA RANGE
Storey
Lyon
Truckee
Donner Lake
10775 ft
9277 ft
N Shore Blvd
W River Rd
Kings Beach
Lake Tahoe
Lake Tahoe Nevada State Park
Washoe Lake State Park
Washoe
Carson River
Dayton
Carson City
CARSON RANGE
Carson City (City)
80
89
267
431
28
50
High
Low
Call Volume

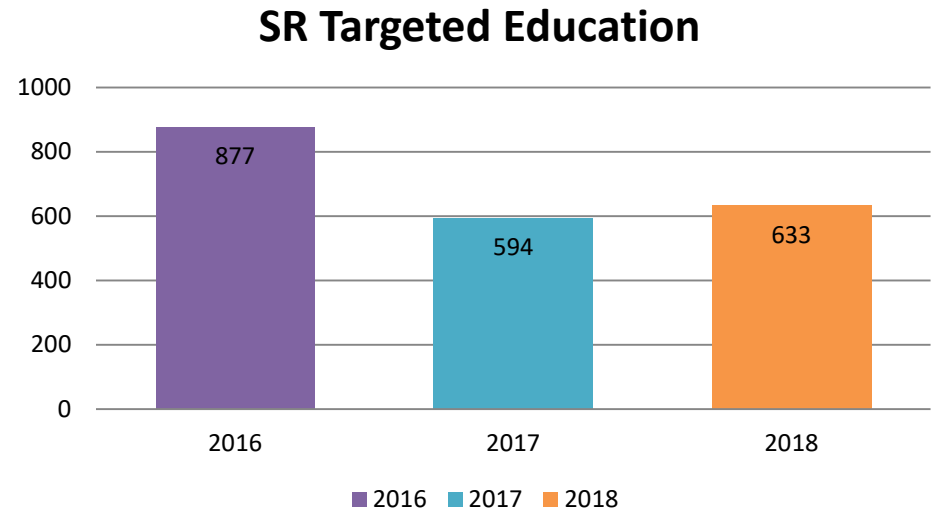
ArcGIS Data

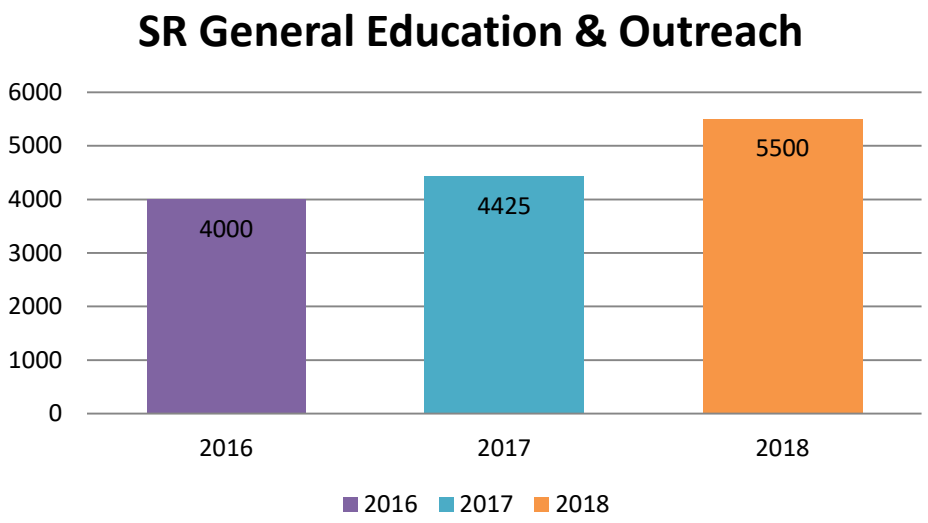

2017 Southern Region Coyotes Calls
Tule Springs Fossil Beds
Las Vegas Indian Colony
Nellis Small Arms Range
Nellis Air Force Base
North Las Vegas
Sunrise Manor
Las Vegas
Paradise
RAINBOW GARDENS
BLUE DIAMOND HILL
Blue Diamond
Enterprise
Henderson
Sloan
Sloan Canyon
BIRD SPRINGS RANGE
Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Education Contacts









Future of the Program

- Urban Wildlife Website
- Volunteer Program
  - Educators
  - Field Responders
- Urban Wildlife School Program
  - Aligned to NGSS standards
- Continue Targeted Proactive Education

Thank you!

Questions?