



United States Department of the Interior



FISH AND WILDLIFE SERVICE
HOPPER MOUNTAIN NATIONAL WILDLIFE REFUGE COMPLEX
CALIFORNIA CONDOR RECOVERY PROGRAM

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California Condor Recovery Program

2024 Annual Population Status

As of December 31, 2024

Total World Population **566**

(2023= 561; 2022=564)

Wild Free Flying Population **369**

(2023=344; 2022=350)

AZ /UT Wild **89**

CA Wild **214**

Southern CA 101

Central CA 113

PNW wild* **18**

Baja Wild **48**



*The Pacific Northwest population is an experimental, non-essential population that is spatially disjunct from the "CA Wild" population (comprised of the Southern and Central CA flocks) and is not included in the CA Wild Population total.

Number of Wild-fledged Chicks Observed in 2024 **16**

(2023 = 14)

- AZ/UT **3** (2023=3)
- CA **12** (CECA=9; SOCA=3) (2023=8)
- Baja **1** (2023=3)
- PNW **0** (breeding not occurred yet)

Captive Released to the Wild in 2024 **56**

(2023=27)

- AZ/UT 24 (2023=0)
- CA 23 (SOCA 11; CECA 12) (2023=17)
- Baja 2 (2023=7)
- PNW 7 (2023= 3)

Total Captive Population: **197**

(Includes breeding birds, birds on exhibit, pre-release captive chicks, long-term non-releasable birds)

Captive breeding occurs at the Peregrine Fund's World Center for Birds of Prey, Los Angeles Zoo, San Diego Zoo and Safari Park and Oregon Zoo in the U.S, and Chapultepec Zoo in Mexico City, Mexico.

Captive breeding pairs	54	(52 U.S.; 2 in Mexico.)
Eggs laid	65	(63 U.S.; 2 Mexico)
Available chicks for 2025 placement	50	(48 U.S.; 2 Mexico)

2024 Deaths in the Wild Free-flying Population 35

(2023 = 44 including 21 lost in AZ / UT HPAI outbreak)

AZ/UT 25 (2023=30)

Wild CA 8 (2023=13)

SOCA 4 (2023=5)

CECA 4 (2023=8)

Baja 2 (2023=1)

2024 Causes of Death in the Wild Free-flying Population

Lead Poisoning: 11 (2023=8)

- AZ/UT 11
- SOCA 0
- CECA 0

Shooting: 2 (2023=1; 2022=2)

Power line: 0 (2023)

Disease/Infection: 0 (2023=21 HPA)

Trauma: 3 (2023=2)

Other Poisoning: 1 (2023=1)

Predation: 0 (2023=1)

Pending final necropsy: 5

Entanglement: 1

Drowning/entrapment: 1

Undetermined: 1

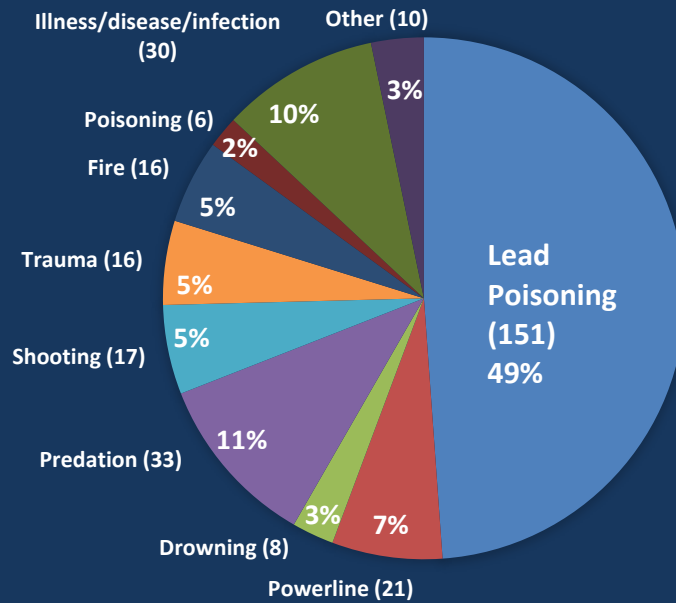
Unknown missing in the wild: 10 (2023 =7)

Total Lead Deaths Since the Start of condor Reintroduction

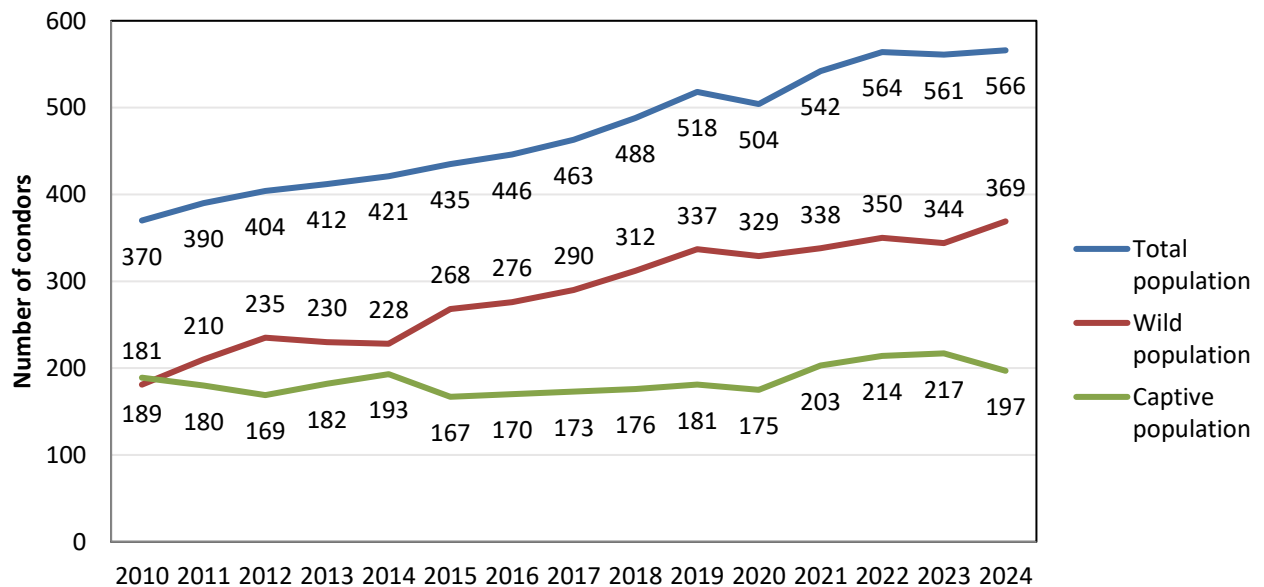
From 1992 through 2024 there have been **151** deaths from lead poisoning in the wild free-flying population.

Lead poisoning is responsible for **49%** percent of **308** deaths with a known cause and **28%** of **534 total deaths**.

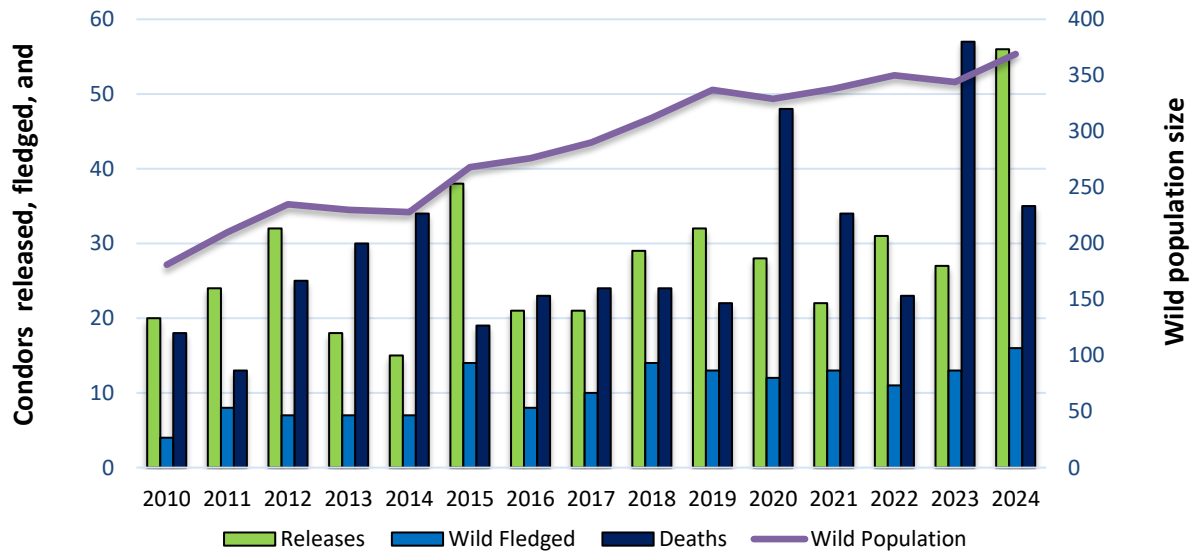
KNOWN CAUSES OF MORTALITY IN THE FREE-FLYING CONDOR POPULATION 1992-2024



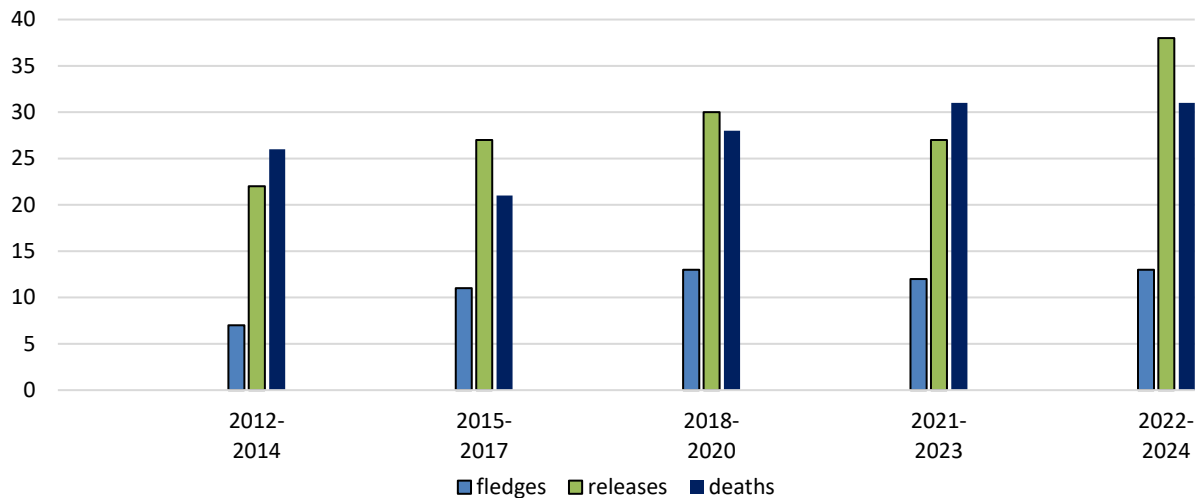
California Condor Population Trend 2010 - 2024



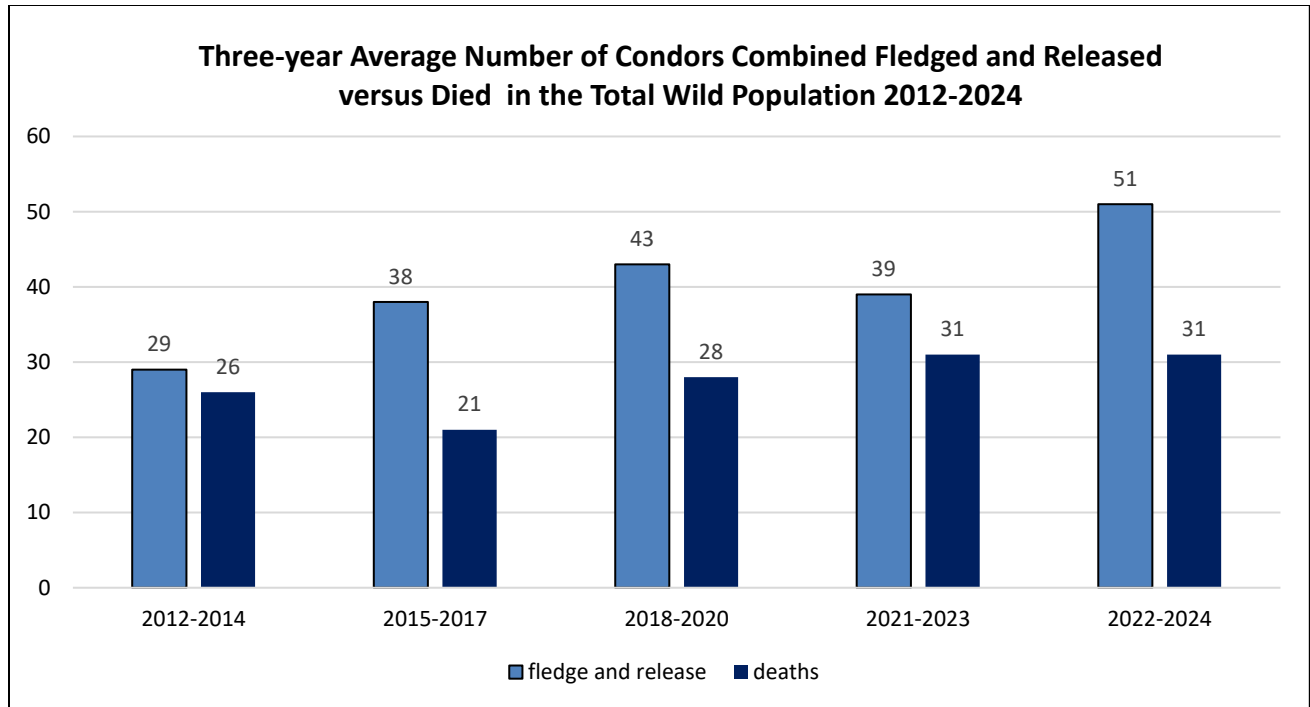
Condors Released, Fledged and Died in the Total Wild Population 2010-2024



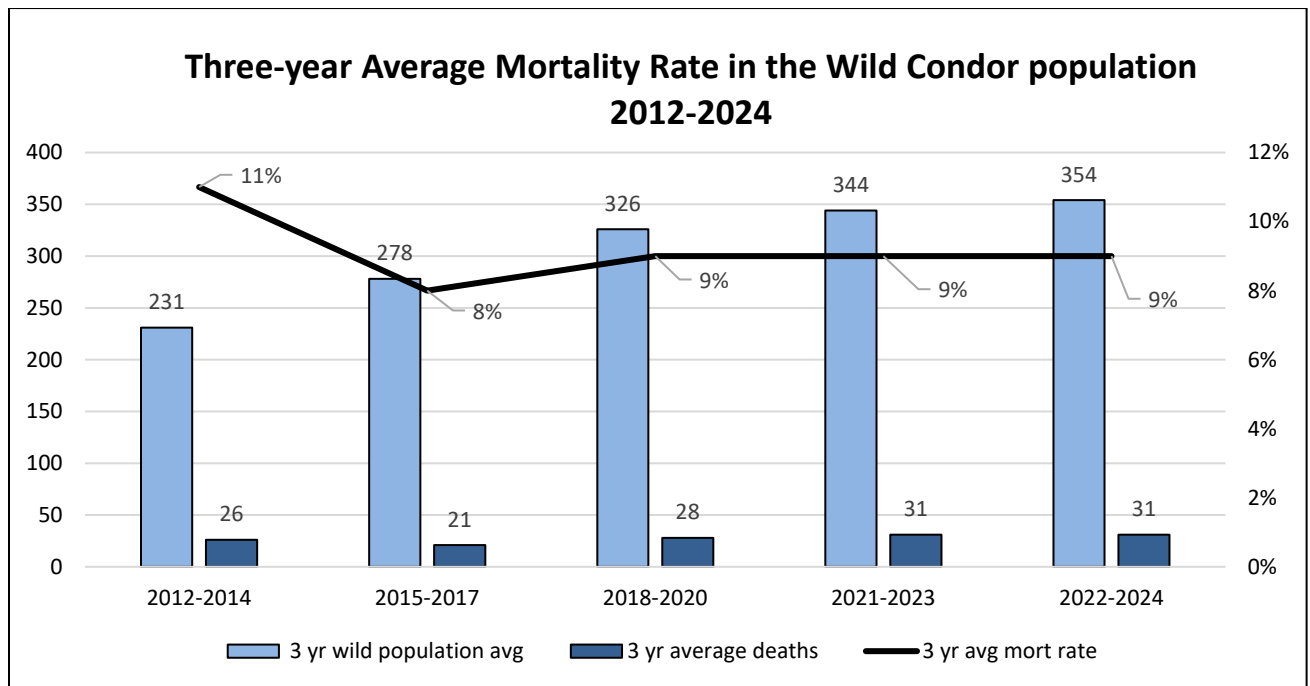
Three-year average number of condors fledged, released and died in the Total Wild population 2012-2024



Number of deaths in 2020 and 2023 exclude catastrophic losses from Dolan Fire and HPAI outbreak

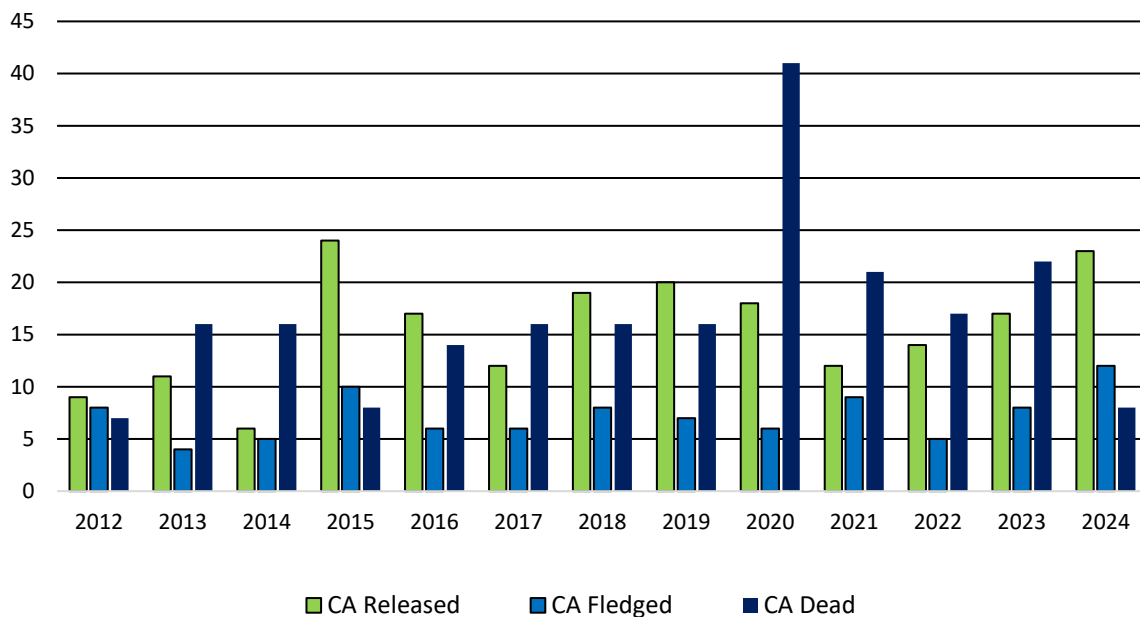


Number of deaths in 2020 and 2023 exclude catastrophic losses from Dolan Fire and HPAI outbreak

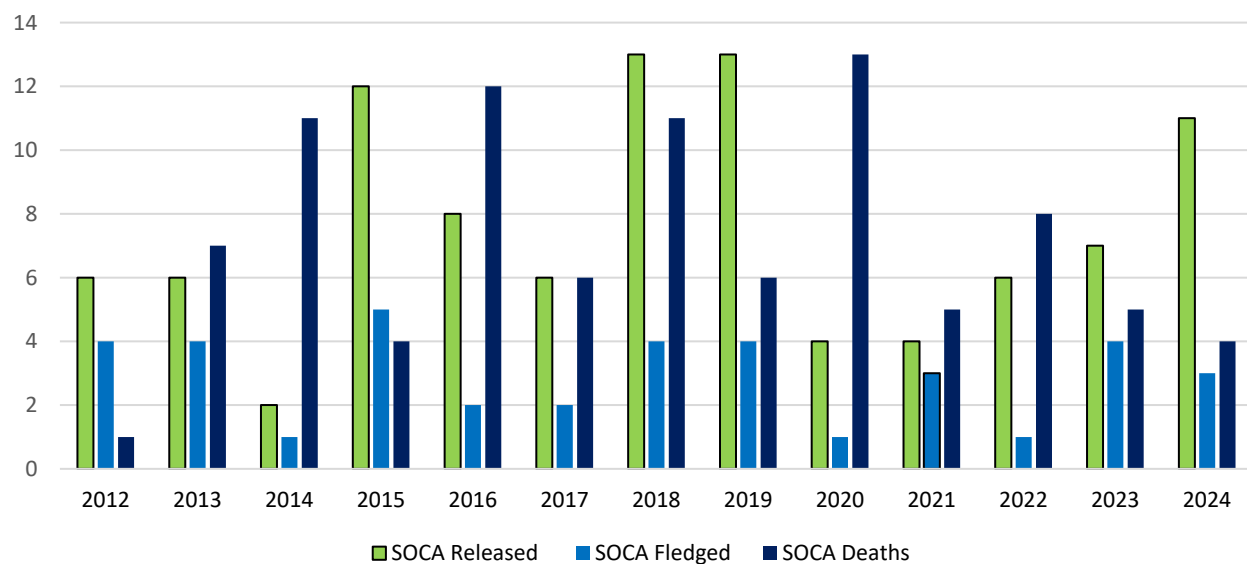


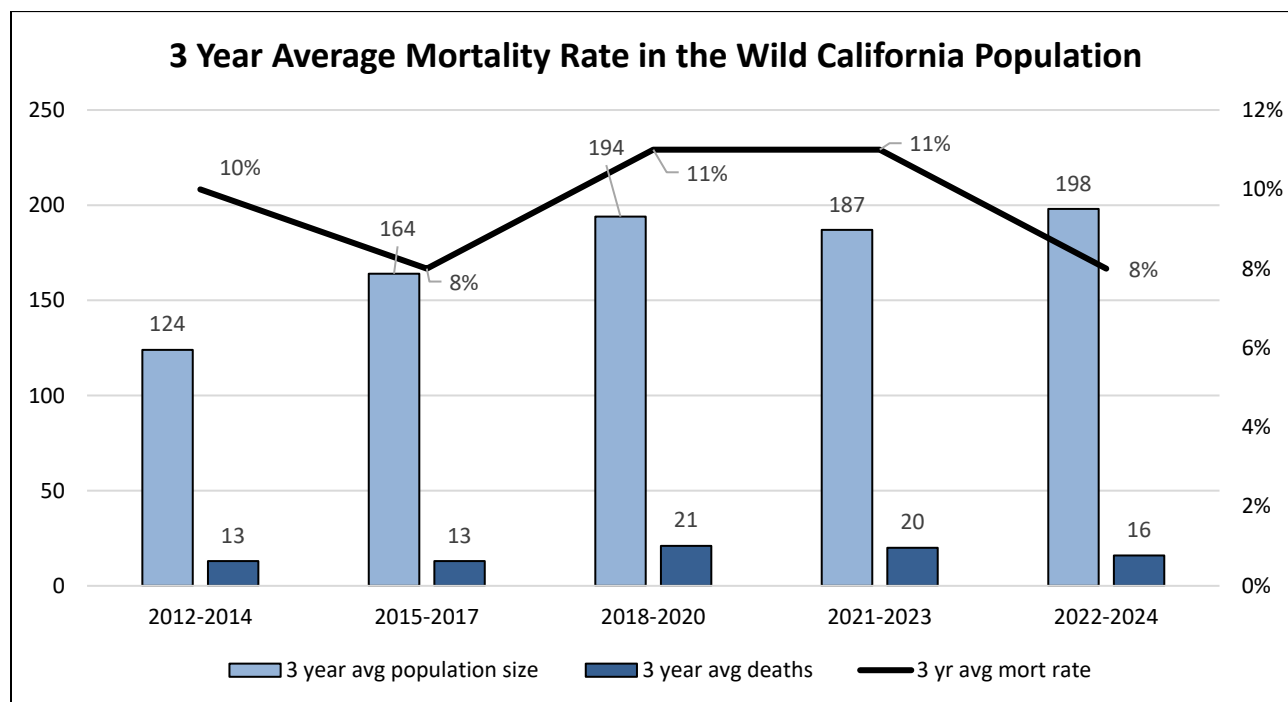
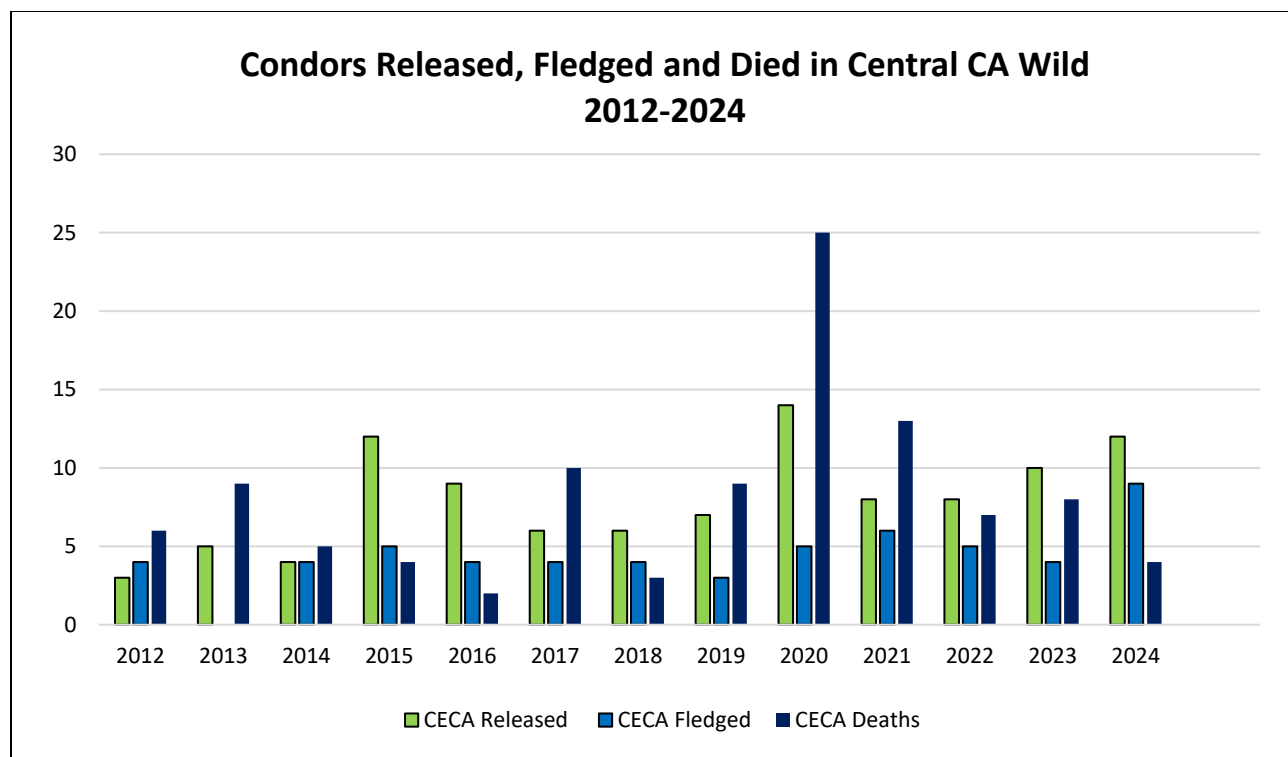
Number of deaths in 2020 and 2023 exclude catastrophic losses from Dolan Fire and HPAI outbreak

Condors Released, Fledged and Died in the Wild California 2012-2024

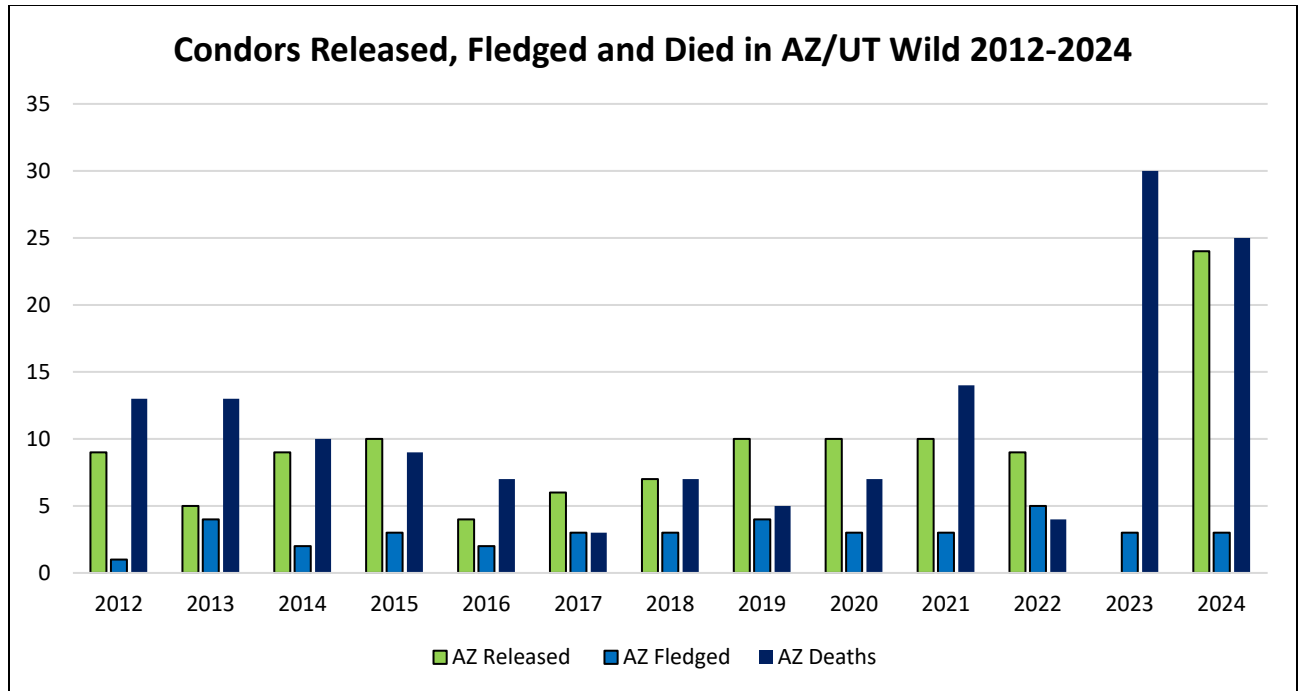


Condors Released, Fledged and Died Southern CA Wild 2012-2024

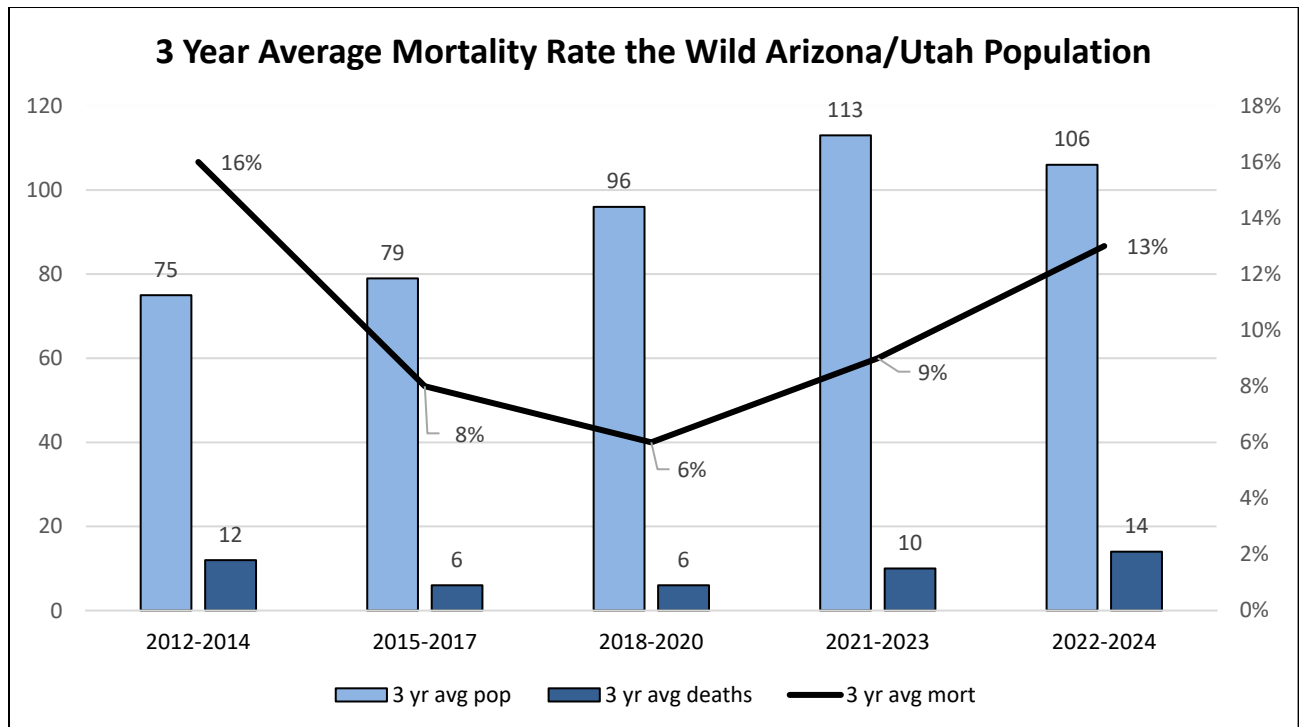




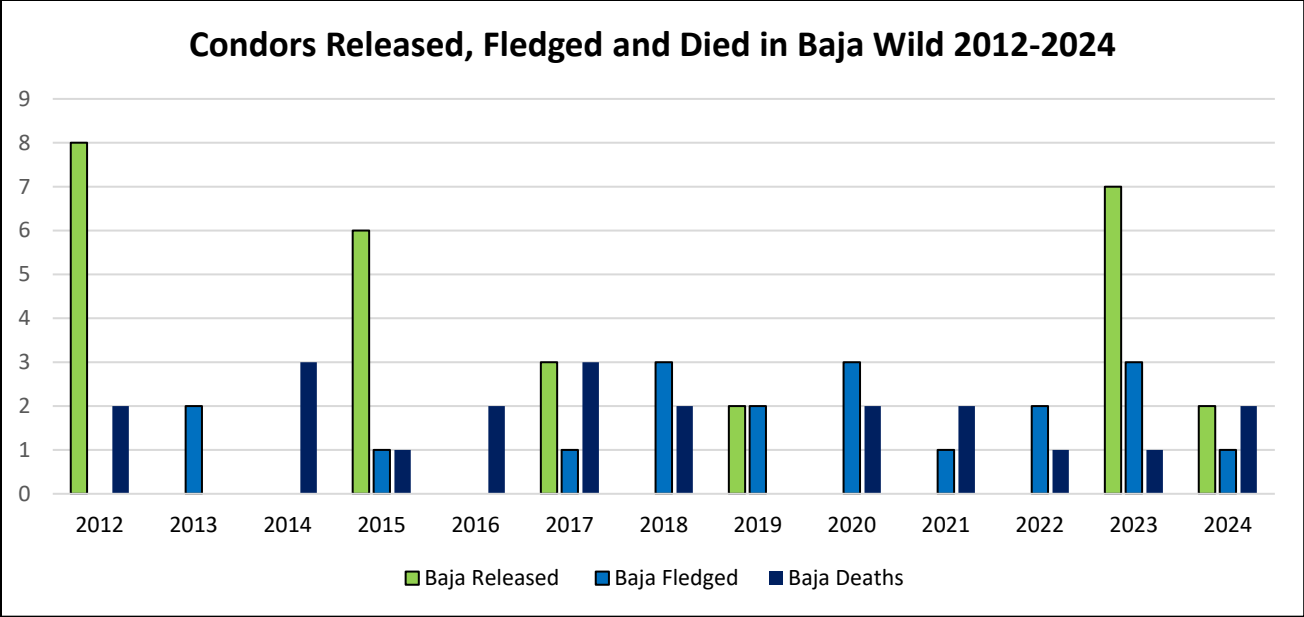
Number of deaths in 2020 excludes 9 birds lost in the Dolan Fire (considered a catastrophic mortality event).



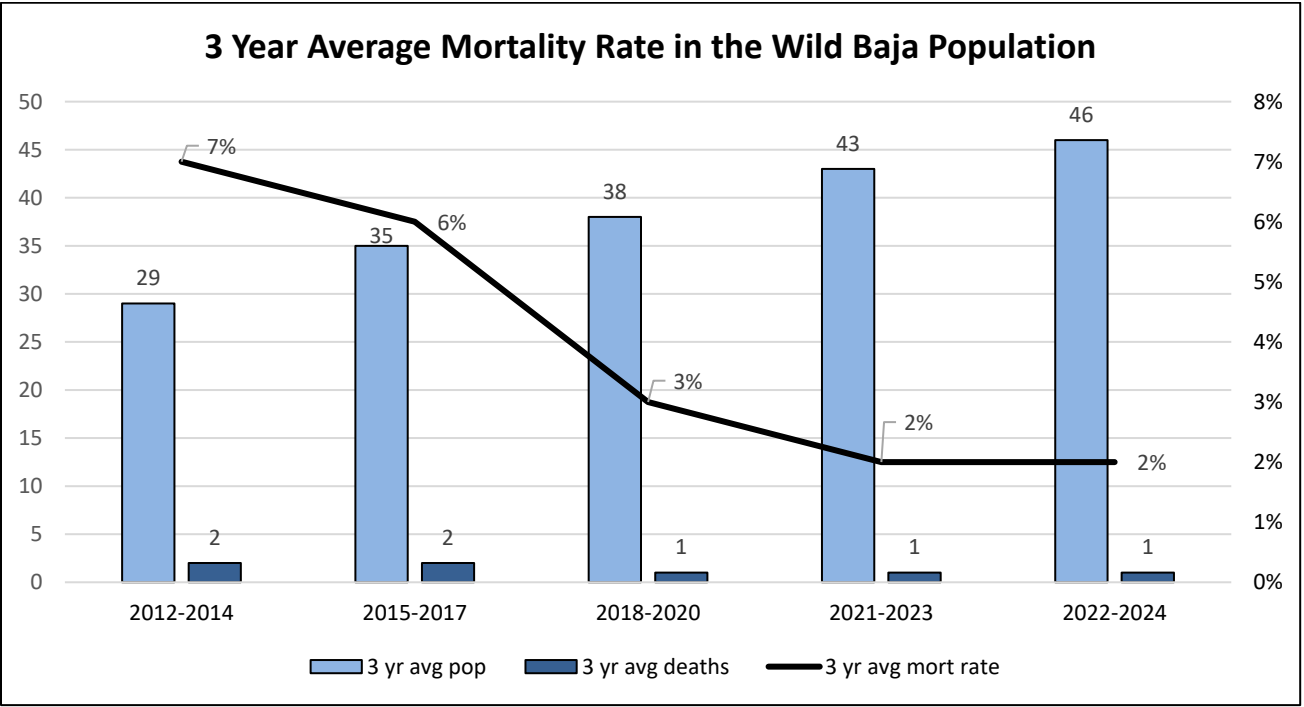
No birds released in 2023 due to HPAI outbreak. 12 birds from 2023 and 12 from 2024 released in 2024.

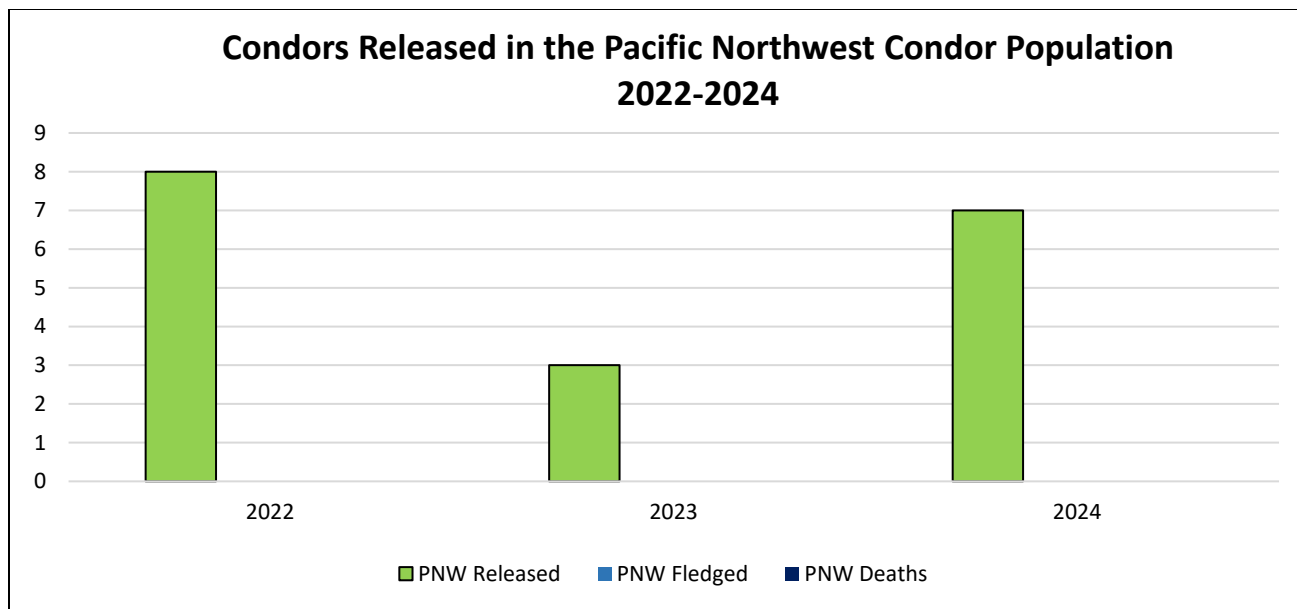


Number of deaths in 2023 excludes 21 birds lost to the HPAI outbreak (considered a catastrophic mortality event).



In 2021, 3 released in Baja and returned to captivity for habituation to human activity





No condors have fledged or died in the PNW population since releases started in 2022

All data used in the preparation of this report was provided by the following California Condor Recovery Program partners: U.S. Fish and Wildlife Service Hopper Mountain National Wildlife Refuge Complex, National Fish and Wildlife Forensics Lab, Ventana Wildlife Society, Pinnacles National Park, Peregrine Fund, Los Angeles Zoo, San Diego Zoo Wildlife Alliance, Oregon Zoo, Comisión Nacional de Áreas Naturales Protegidas, Zoológico de Chapultepec, Parque Nacional Sierra de San Pedro Mártir, Santa Barbara Zoo and the Yurok Tribe.