



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

2019 Annual Population Status

Total World Population 518

(2017=463, 2016=446, 2015=435)

Wild Free Flying Population 337

AZ /UT Wild	98
CA Wild	200 – SoCa 99; VWS 63; PNP 38
Baja Wild	39

Total Captive Population: 181

(Includes pre-release captive chicks in breeding facilities and field sites)

Wild Chicks Fledged 14

AZ/UT	4 (1 pending confirmation)
CA	9 (SoCa 4, 1 pending; VWS 3 confirmed, 1 pending; PNP 2)
Baja	1 (1-2 additional nests likely)

Captives Released to Wild 32

AZ/UT	10
CA	20 (6 VWS; 1 PNP; 13 FWS)
Baja	2



Captive Breeding

Captive Breeding is conducted 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	50	(48 in the U.S.; 2 in Mex.)
Chicks produced:	34	(32 in the U.S.; 2 in Mex.)
Chicks available for release in 2019:	32	
Chicks held for future breeding:	1	(2018-1)
Captive chick deaths:	0	(2018-3)
Captive adult deaths:	1	(SB#39 aspergillosis infection)
Captive juvenile deaths:	1	(SB #917 predation pre-release)

From 1992 through 2019 there have been 93 documented deaths from lead poisoning in the free flying population.

Lead poisoning is responsible for 50 percent of the 185 condor deaths where a cause of death has been determined.

An additional 93 free-flying condors have been presumed dead after missing for more than 365 days.

2019 Deaths in the Wild Free-flying Population

17 (2017=17, 2018=20)

AZ/UT 5 (2018=7)

CA 12 (2018=11)

{SOCA 4 (2018=9)

{CECA 8 (2018=2)

Baja 0 (2018=2)

2019 Cause of Death

Lead toxicosis _____ 9

(2018=6)

{AZ/UT 3 (2018=1)

{SOCA 1 (2018=3)

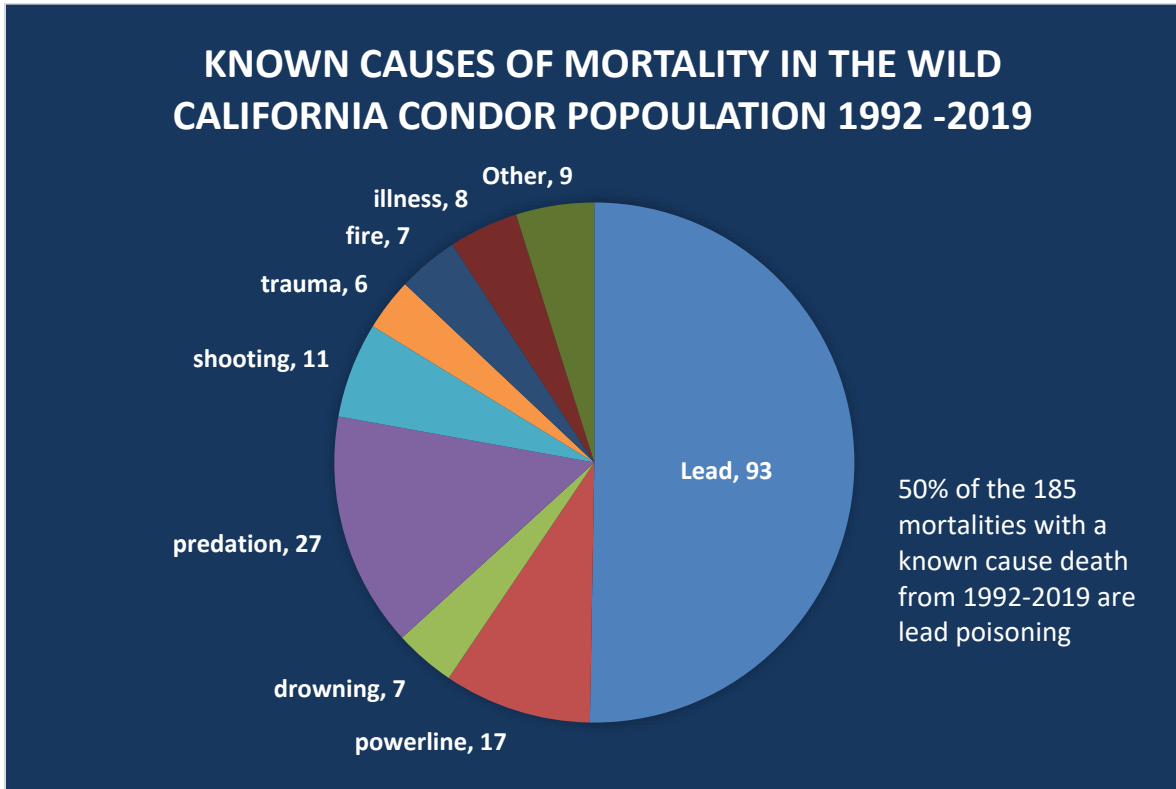
{CECA 5 (2018=2)

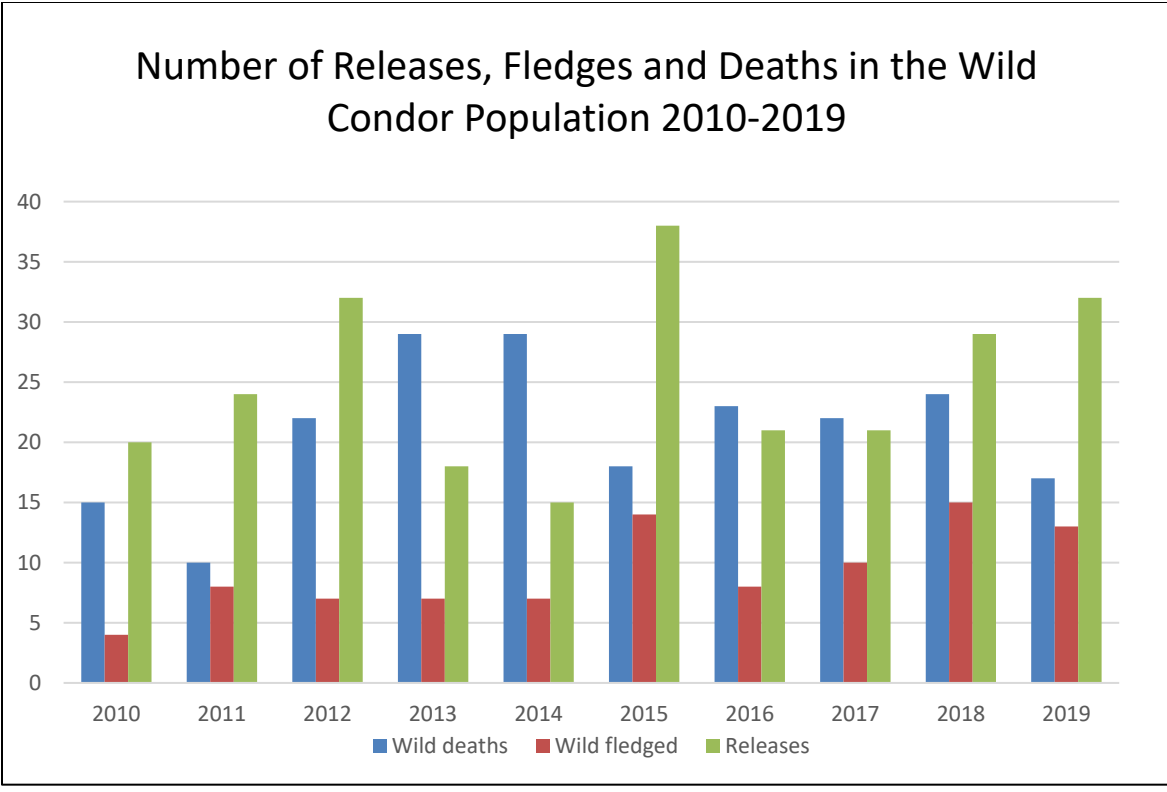
Power line 1

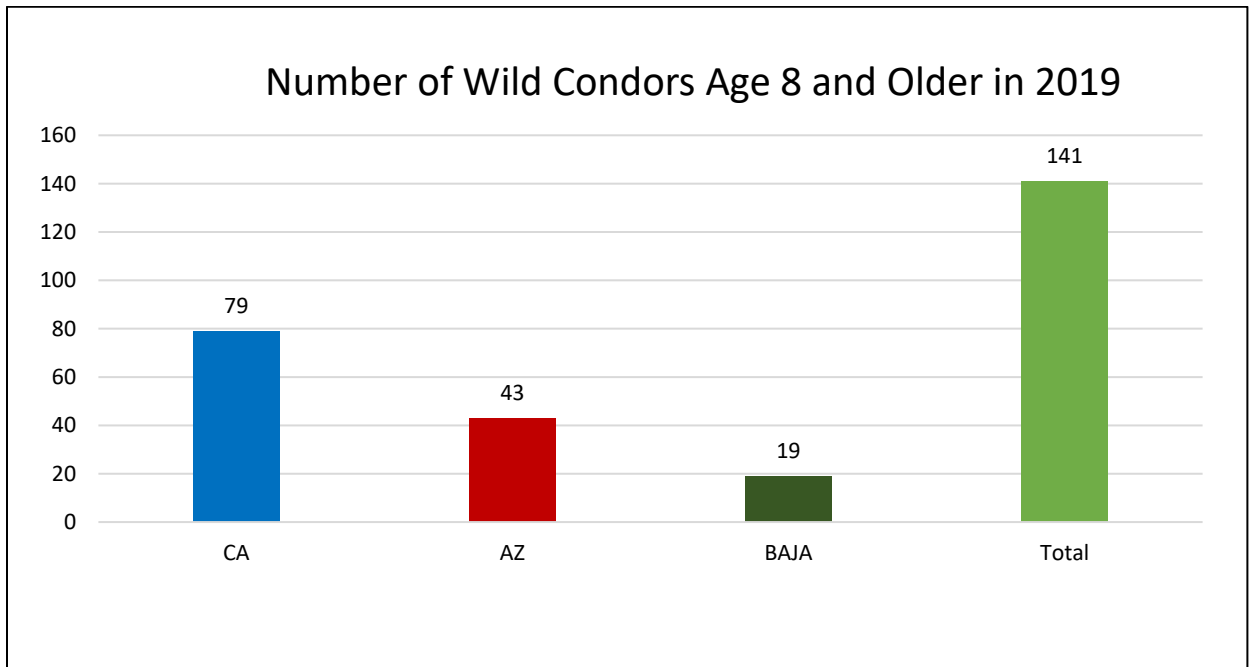
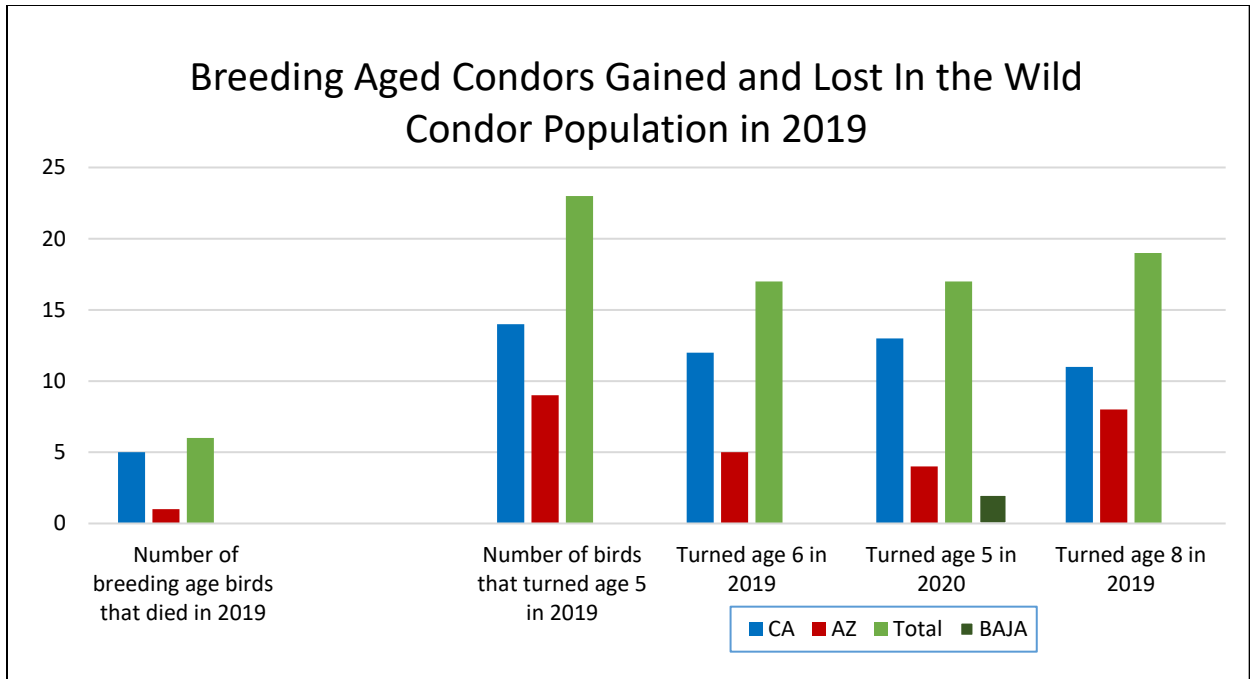
Pending final necropsy / COD: 3

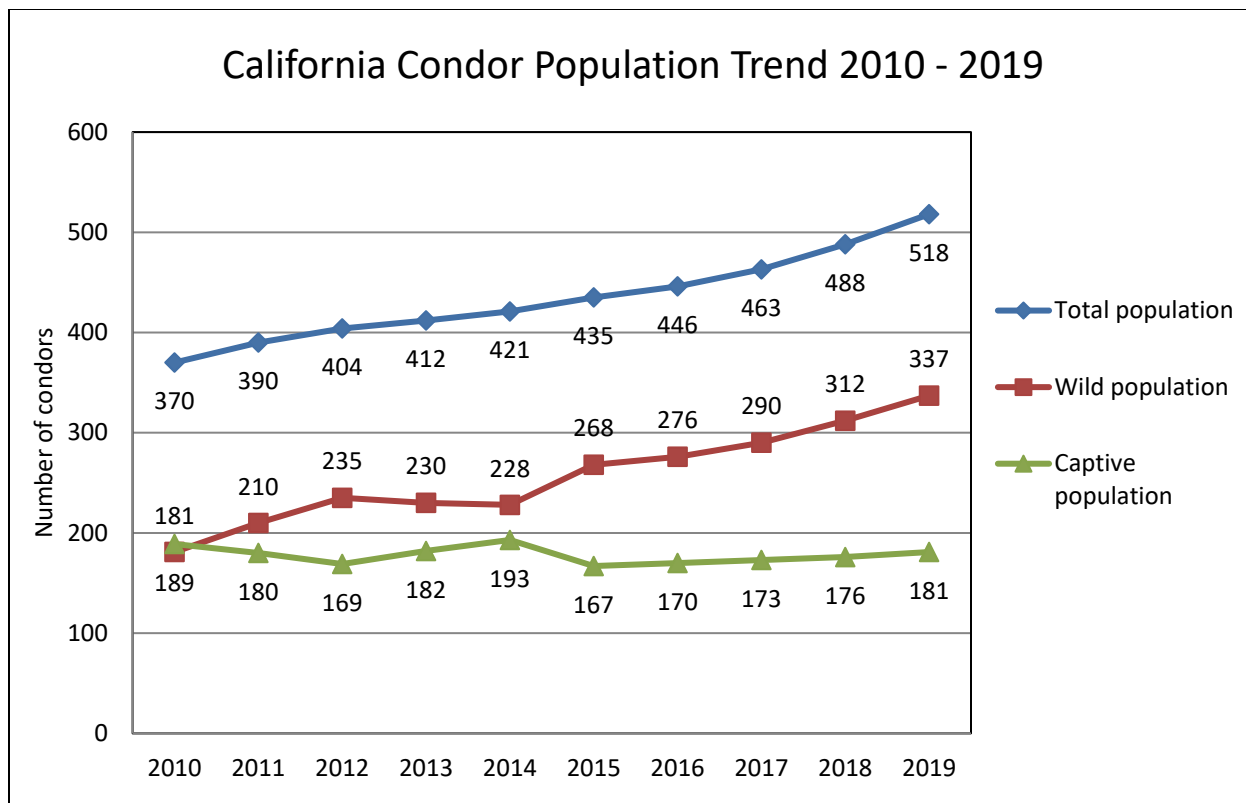
Unknown missing in the wild: 3

Undetermined: 1









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 and Safari Park / San Diego Zoo Global, Oregon Zoo, La Comisión Nacional de Áreas Naturales Protegidas - National Commission of Natural Protected Areas Mexico (CONANP), Zoológico de Chapultepec - Chapultepec Zoo, and Santa Barbara Zoo.