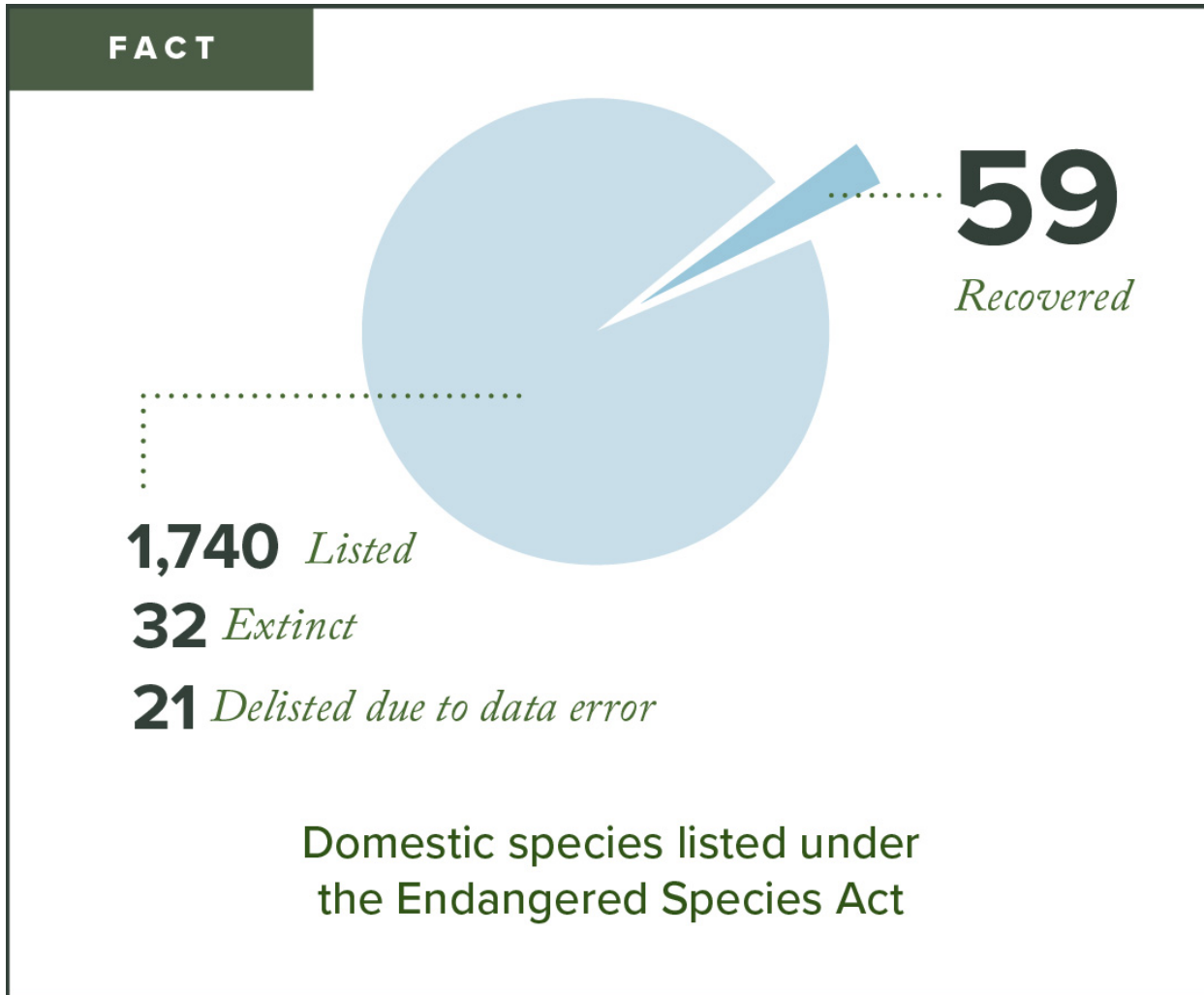


## Appendix

### Key Facts & Statistics:

- **Lack of Progress in Recovering Species**
  - There are 2388 listed species, 1690 of which are in the United States.
  - 99% of listed species persist to this day, as many as 291 extinctions may have been avoided.
  - However, only 3% of species have recovered.
  - The Service predicted 300 species to recover by now but only 11 of those species have (4%).
  - As of 2017, only 4% of listed species were even improving.
  - 80% of listed species depend on proactive conservation effort to survive.
  - 1/3 of species have no recovery plans.
  - For species listed 30 or more years, only 10% of the actions identified in their recovery plan have been completed or partially completed.
- **A Blanket 4(d) Rule Would Undermine Recovery Incentives**
  - While the prior blanket rule was in place, only 29 species improved from endangered to threatened. The percentage of endangered species upgraded to threatened is essentially the same as those that were downgraded from threatened to endangered. (2.2% v. 2.4%).
  - The National Marine Fisheries Service, which has never had a blanket rule, has achieved a recovery rate of 6.7% compared to the Fish and Wildlife Service's 2.5%.
  - When the blanket rule was in place, the Service reflexively stuck with its approach for 75% of species. Now that it is considering what approach is best for each species, that has plummeted to 0% for threatened animals.
  - NMFS, which has never had a blanket rule, has found it appropriate to impose endangered-level regulation for threatened species only 3% of the time.
- **Incentives for Habitat Restoration**
  - Habitat loss is the leading threat to listed species.
  - Private land provides habitat for 2/3rds of listed species.
  - Private land provides 80%+ of the habitat for half of listed species.
  - Critical habitat designations have lowered the value of designated land by as much as 78%.

Charts:



Source: PERC, [A Field Guide for Wildlife Recovery: The Endangered Species Act's Elusive Search to Recover Species—and What to Do About It](#) 4 (2023) (updated through Oct. 20, 2023).

# Endangered Species Act Recovery Progress is Slower than Expected

Total number of species the U.S. Fish and Wildlife Service expected to recover vs. actual recoveries.

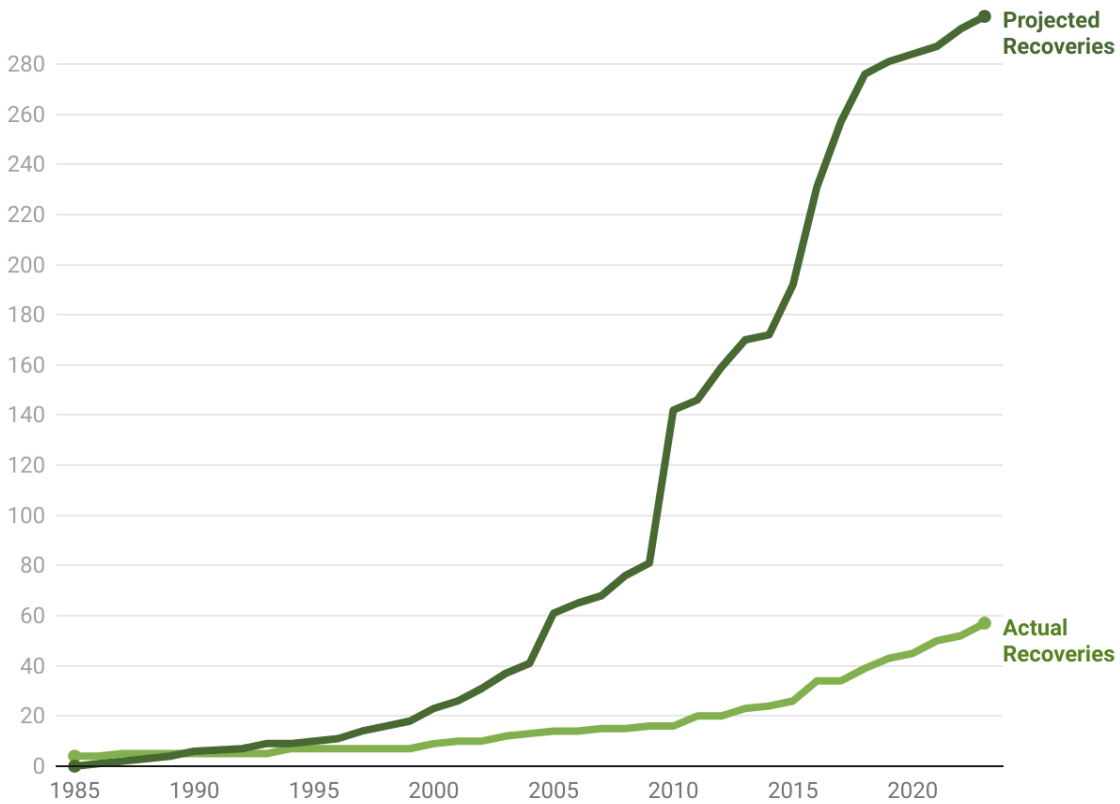


Chart: Katherine Wright • Source: PERC, ECOS, Katherine Wright • Created with Datawrapper

Source: Katherine Wright & Shawn Regan, [Missing the Mark: How the Endangered Species Act Falls Short of Its Own Recovery Goals](#), PERC (2023).

# Species Struggle to Meet Recovery Plan Objectives

Number of species sorted by the percent of recovery actions that have been completed or partially completed



Chart: Katherine Wright • Source: Katherine Wright ECOS, and PERC • Created with Datawrapper

Source: Katherine Wright & Shawn Regan, [\*Missing the Mark: How the Endangered Species Act Falls Short of Its Own Recovery Goals\*](#), PERC (2023).

# Recovered Species Also Lack Recovery Plan Progress

Percent of recovery actions complete or partially complete

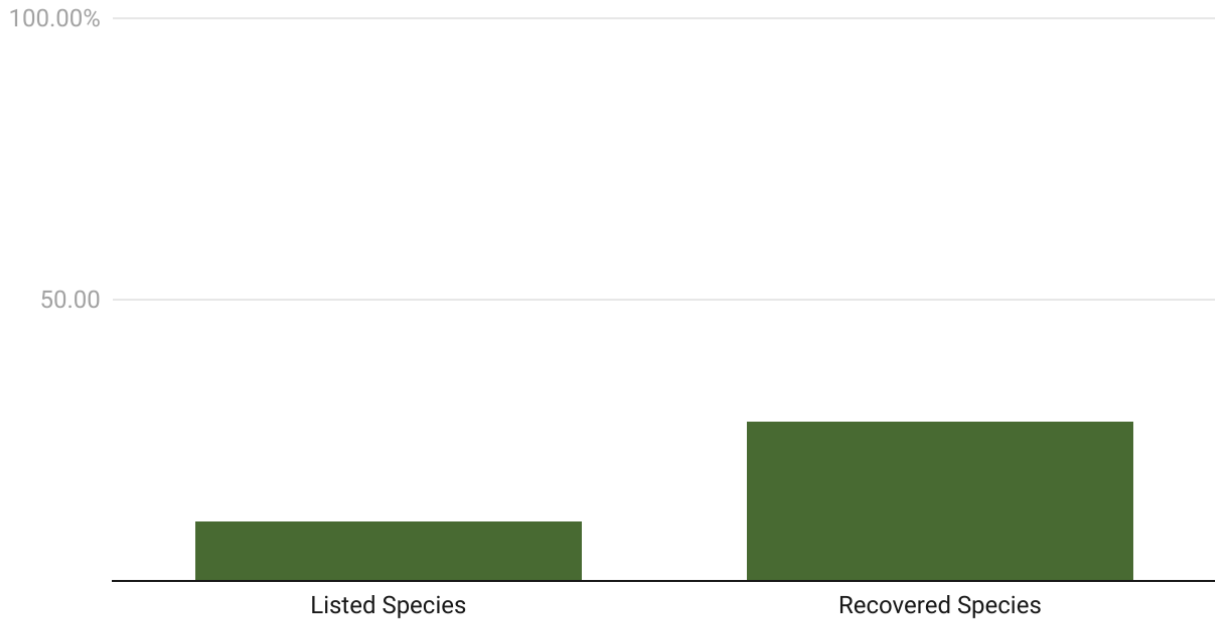
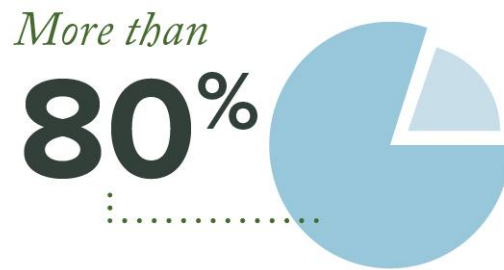


Chart: Katherine Wright • Source: Katherine Wright, ECOS, and PERC • Created with Datawrapper

Source: Katherine Wright & Shawn Regan, [Missing the Mark: How the Endangered Species Act Falls Short of Its Own Recovery Goals](#), PERC (2023).

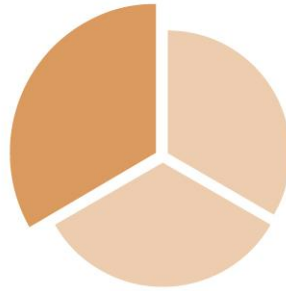
**FACT**



**More than 80 percent of listed species rely on proactive conservation efforts for survival.**

Source: PERC, [\*A Field Guide for Wildlife Recovery: The Endangered Species Act's Elusive Search to Recover Species—and What to Do About It\*](#)<sup>11</sup> (2023).

**FACT**



One-third of listed species have  
no recovery plan.

Source: PERC, [\*A Field Guide for Wildlife Recovery: The Endangered Species Act's Elusive Search to Recover Species—and What to Do About It\*](#)<sup>12</sup> (2023).

**FACT**

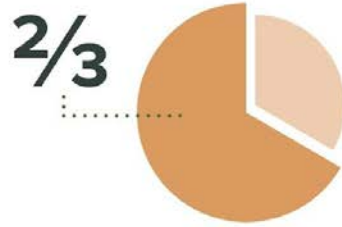


**Percentage of threatened animals for which the Biden administration has rejected endangered level regulation as worse for the species.**

Source: PERC, [A Field Guide for Wildlife Recovery: The Endangered Species Act's Elusive Search to Recover Species—and What to Do About It](#) 8 (2023).



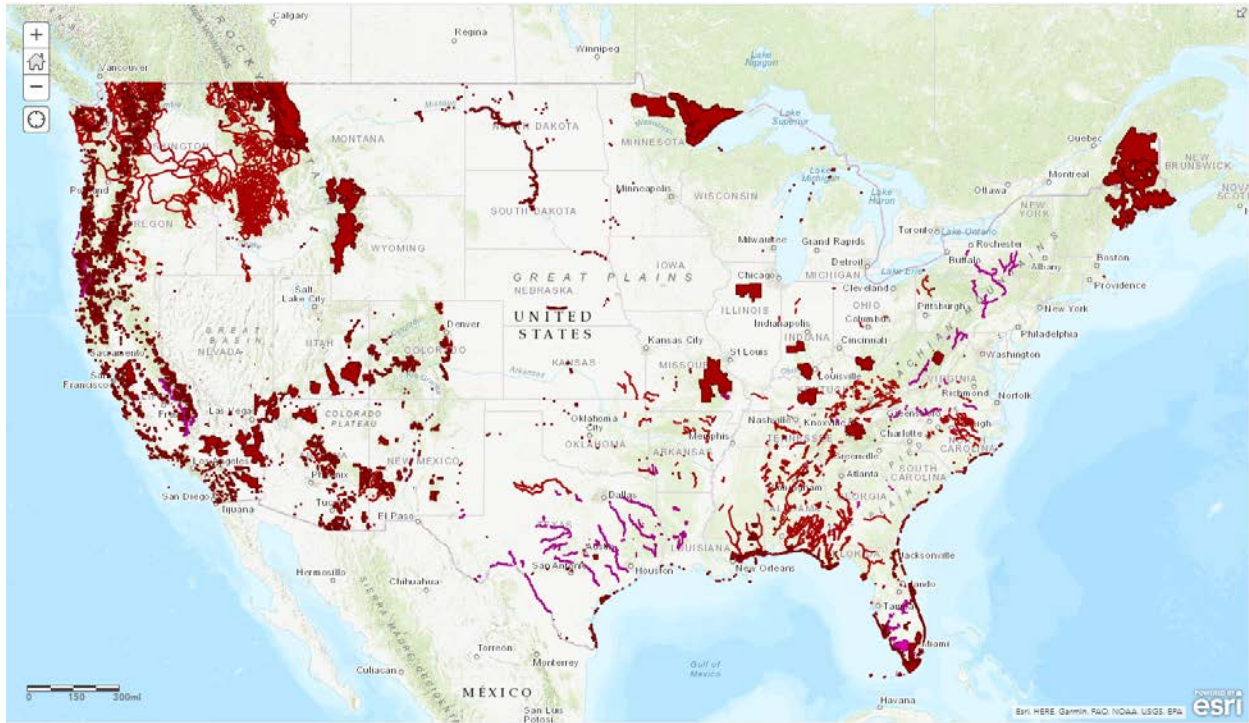
FACT



Two-thirds of listed species rely on private land.

Source: PERC, [A Field Guide for Wildlife Recovery: The Endangered Species Act's Elusive Search to Recover Species—and What to Do About It](#) 24 (2023).

## Designated Critical Habitat



Source: U.S. Fish and Wildlife Serv., [ECOS: Threatened & Endangered Species Active Critical Habitat Report](#) (last visited Oct. 20, 2023).