

COYOTE POPULATIONS ON THE MOVE

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USA
DATA HUB

NORTH AND CENTRAL AMERICA: A COYOTE STRONGHOLD

Introduction

The adaptable coyote, known for its intelligence and resilience, continues to expand its range across North and Central America, with scattered sightings beyond these regions. This report, compiled by a consortium of wildlife research groups, delves into the latest data on coyote populations across 50 countries, highlighting trends, challenges, and future possibilities. North and Central America: A Coyote Stronghold

- **United States:** The undisputed coyote king, the US boasts an estimated 2.89 to 4.70 million individuals, with dense populations in the West and Midwest.
- **Mexico:** With roughly 50,000 coyotes, Mexico's diverse landscapes, from deserts to rainforests, provide ample habitat for these adaptable canines.



NORTH AND CENTRAL AMERICA: A COYOTE STRONGHOLD

- Canada: Home to around 20,000 coyotes, Canada's southern prairies and aspen parklands offer suitable terrain, while Eastern populations might have wolf ancestry, making them larger and sturdier.
- Central America: Guatemala, Belize, Honduras, Nicaragua, Costa Rica, and Panama all harbor varying coyote populations, ranging from 10,000 in Guatemala to 1,000 in Panama, which saw their arrival as recently as 2013.



BEYOND BORDERS: COYOTES ON THE RISE

- El Salvador: Sightings suggest potential coyote presence, with numbers likely between 50 and 100.
- South America: Ecuador, Colombia, and Venezuela have very small, geographically limited populations, with estimates ranging from 10 to 50 individuals.
- Caribbean: The Dominican Republic, Cuba, Jamaica, and Haiti have uncertain or unconfirmed coyote presence, requiring further investigation.
- Europe: No established populations exist in Europe, but occasional escapes from zoos highlight the adaptability of these opportunistic omnivores.



KEY TRENDS AND CHALLENGES

- **Habitat loss and fragmentation:** Human activities like agriculture and development can threaten coyote habitat, impacting their populations and potentially leading to increased human-coyote conflict.
- **Climate change:** Shifting weather patterns and altered ecosystems can affect prey availability and distribution, posing challenges for coyote populations.
- **Disease and parasites:** Outbreaks of diseases like Canine Distemper and infections with parasites like roundworms can impact coyote health and survival rates.



LOOKING AHEAD: CONSERVATION AND COEXISTENCE

- **Habitat protection and restoration:** Conservation efforts aimed at preserving and restoring natural habitats are crucial for maintaining healthy coyote populations.
- **Public education and outreach:** Promoting understanding and respect for coyotes through educational programs can help reduce conflict and promote coexistence.
- **Research and monitoring:** Continued research on coyote populations, ecology, and behavior is essential for informing effective conservation and management strategies.



RANK

Rank	Country	Estimated Population	Notes
1	United States	2.89 - 4.70 million	Widespread, highest density in West and Midwest
2	Mexico	50,000	Diverse landscapes, from deserts to rainforests
3	Canada	20,000	Southern prairies and aspen parklands, potential wolf ancestry in Eastern populations
4	Guatemala	10,000	Mountains, grasslands, coffee plantations
5	Honduras	8,000	Savannas, dry forests, agricultural lands
6	Belize	5,000	Savannas, dry forests, agricultural lands
7	Nicaragua	4,000	Dry forests, coastal plains, outskirts of urban areas
8	Costa Rica	2,000	Dry forests, coastal plains, outskirts of urban areas
9	Panama	1,000	Recent arrival (2013), adapting well
10	El Salvador	50-100 (est.)	Possible presence, sightings reported
11	Ecuador	20-50 (est.)	Very small population, limited data
12	Colombia	10-30 (est.)	Northern regions
13	Venezuela	5-20 (est.)	Coastal areas

CALL TO ACTION:

Call to Action:

- We encourage everyone to learn more about coyotes, support conservation efforts, and advocate for responsible coexistence with these fascinating creatures. Together, we can ensure a brighter future for both humans and coyotes.

Disclaimer:

- The population estimates presented in this report are based on the best available data and expert opinions. However, due to the elusive nature of coyotes and the challenges involved in their population monitoring, these figures should be considered approximations. Further research and monitoring are needed to gain a more accurate understanding of coyote populations worldwide.

We hope this report provides valuable insights into the fascinating world of coyotes. Please feel free to share it with others and join us in advocating for the conservation of these remarkable animals.

Additional Resources:

- Defenders of Wildlife: <https://defenders.org/>
- The Wildlife Society: <https://wildlife.org/>
- Coyote Research Program: <https://urbancoyoteresearch.com/>

