



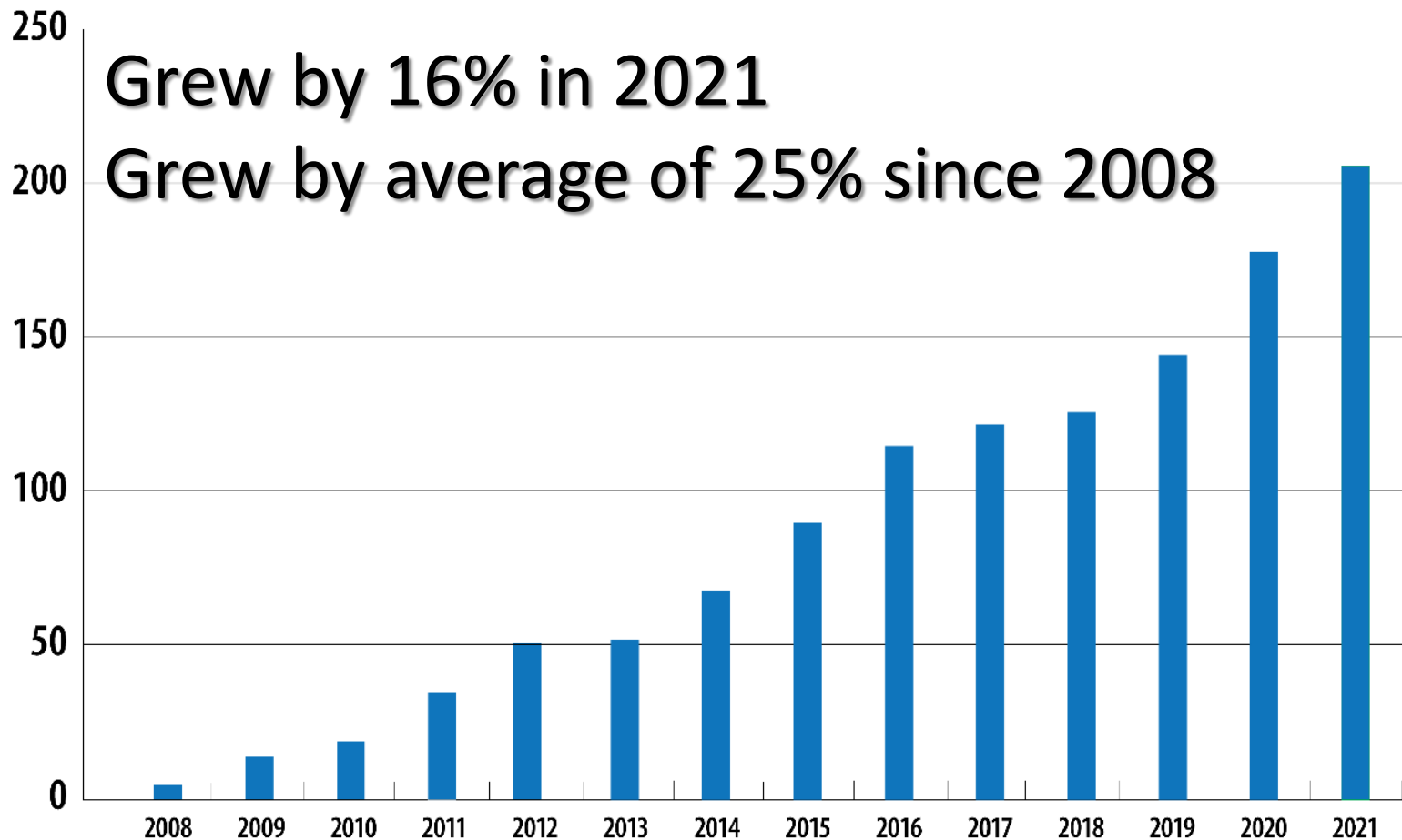
# Wolf-livestock conflict in Washington

Julia B. Smith  
Wolf Policy Lead, Wildlife Program



Washington Department of  
**FISH & WILDLIFE**

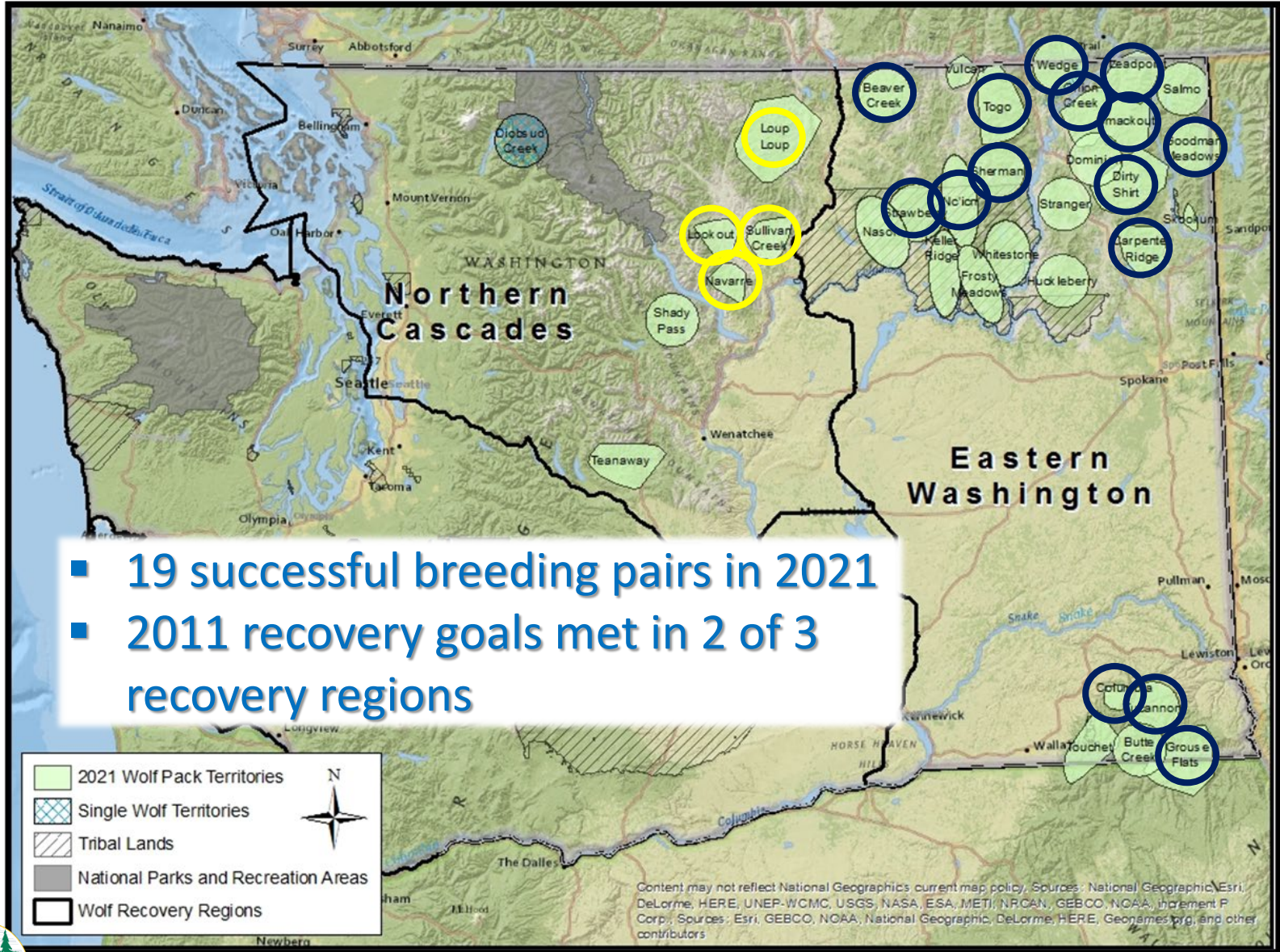
## Wolf Survey Counts 2008-2021



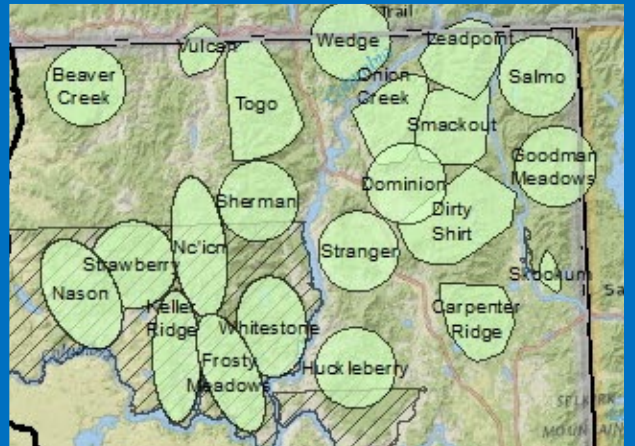
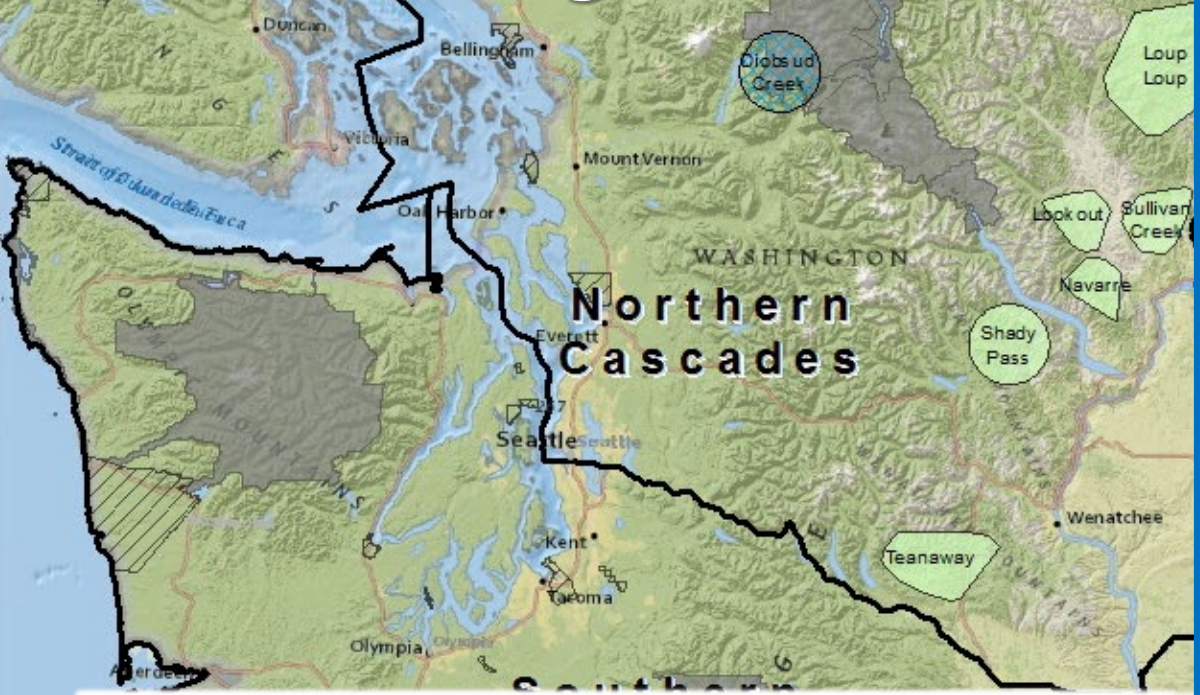
Counts were derived by surveys conducted by WDFW and Tribal partners.



# Washington's wolf recovery goals



# 2021 Washington Wolf Packs



22/33 (67%) in NE Washington



- 2021 Wolf Pack Territories
- Single Wolf Territories
- Tribal Lands
- National Parks and Recreation Areas
- Recovery Regions

Department of Fish and Wildlife

Content may not reflect National Geographic's current map policy. Sources: National Geographic, Esri, DeLorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, iNaturalist, P...



Most wolf packs are not implicated in livestock depredation.

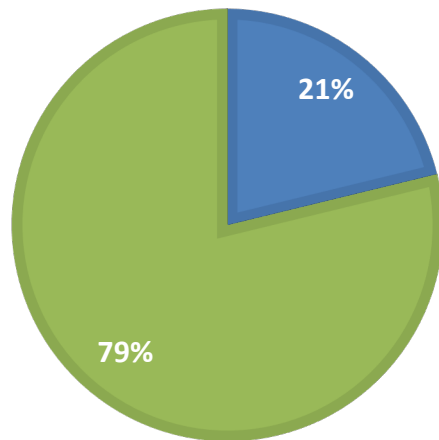
However, direct loss is only part of the story.

- Time, effort, and funds invested in preventing/mitigating depredation and/or seeking compensation
- Interactions with wolves stressing/harassing livestock
- Indirect losses such as lower market rates and open cows
- Undocumented/unreported depredation

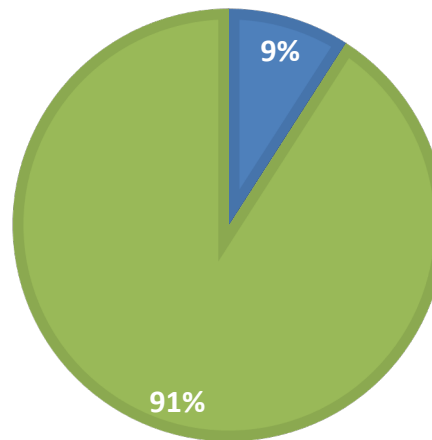
# 2022 livestock depredations by wolves

- 26 confirmed/probable depredation incidents involving 29 individual livestock
- 18 dead, 11 injured
  - 1 adult cow + 15 calves killed, 1 adult cow + 10 calves injured, 2 sheep killed
- 23/26 incidents on private land, 3 incidents on USFS land
- Most documented depredation attributed to 3 NE WA packs (Leadpoint, Smackout, Togo)
- 6 wolves (~3% of wolf pop) removed from these pack areas

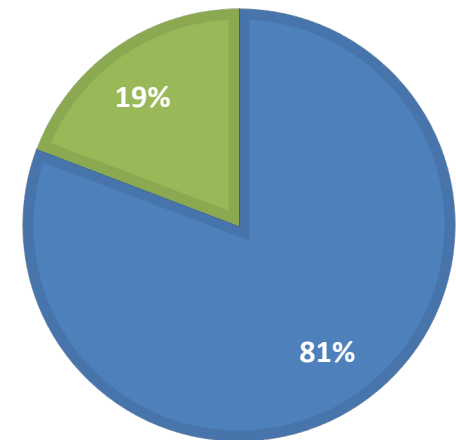
■ Packs with at least 1 depredation  
■ Packs with no depredations



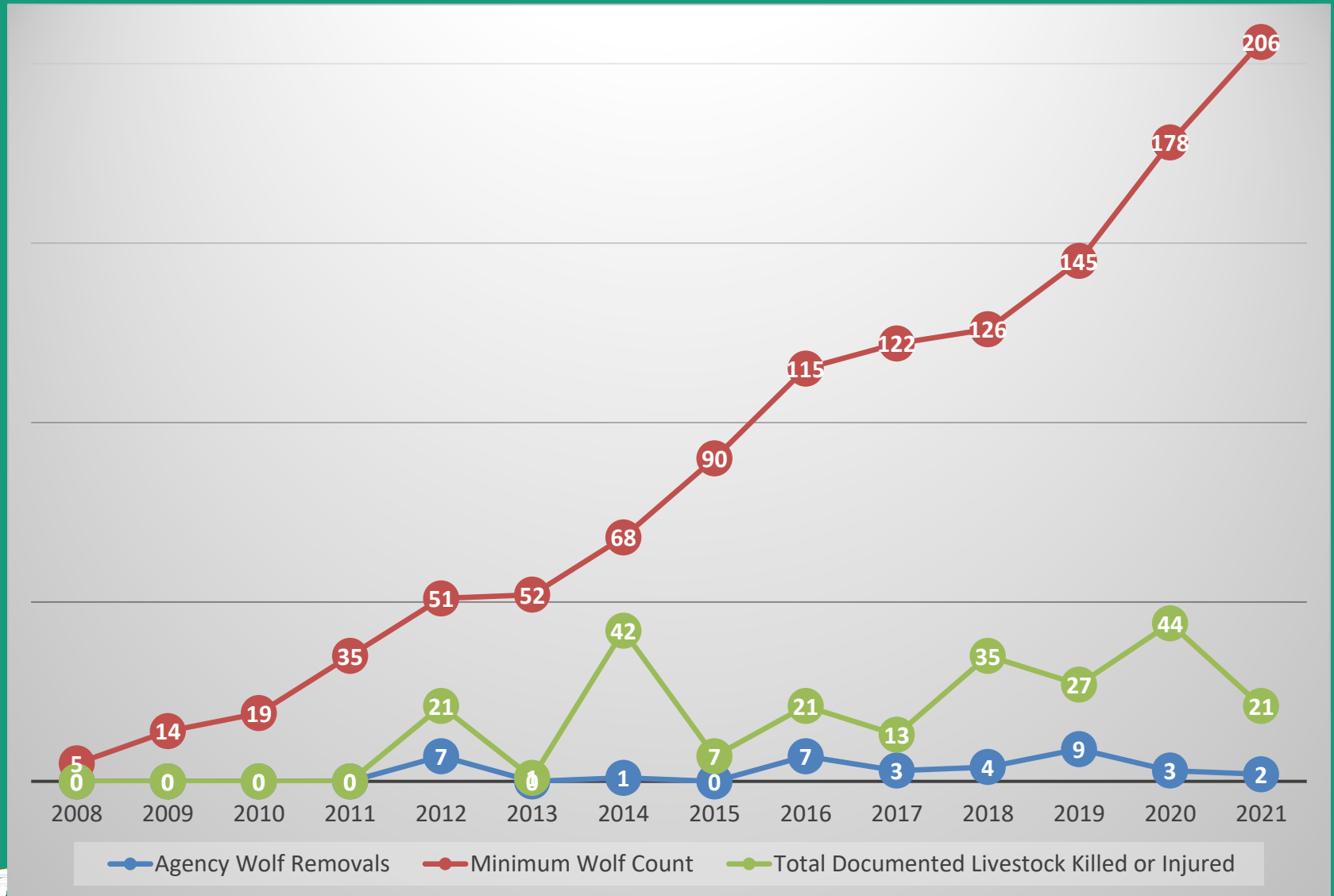
■ Packs with >2 depredations  
■ Packs with 0-2 depredations



■ Leadpoint, Smackout, and Togo depredations  
■ Depredations attributed to all other packs

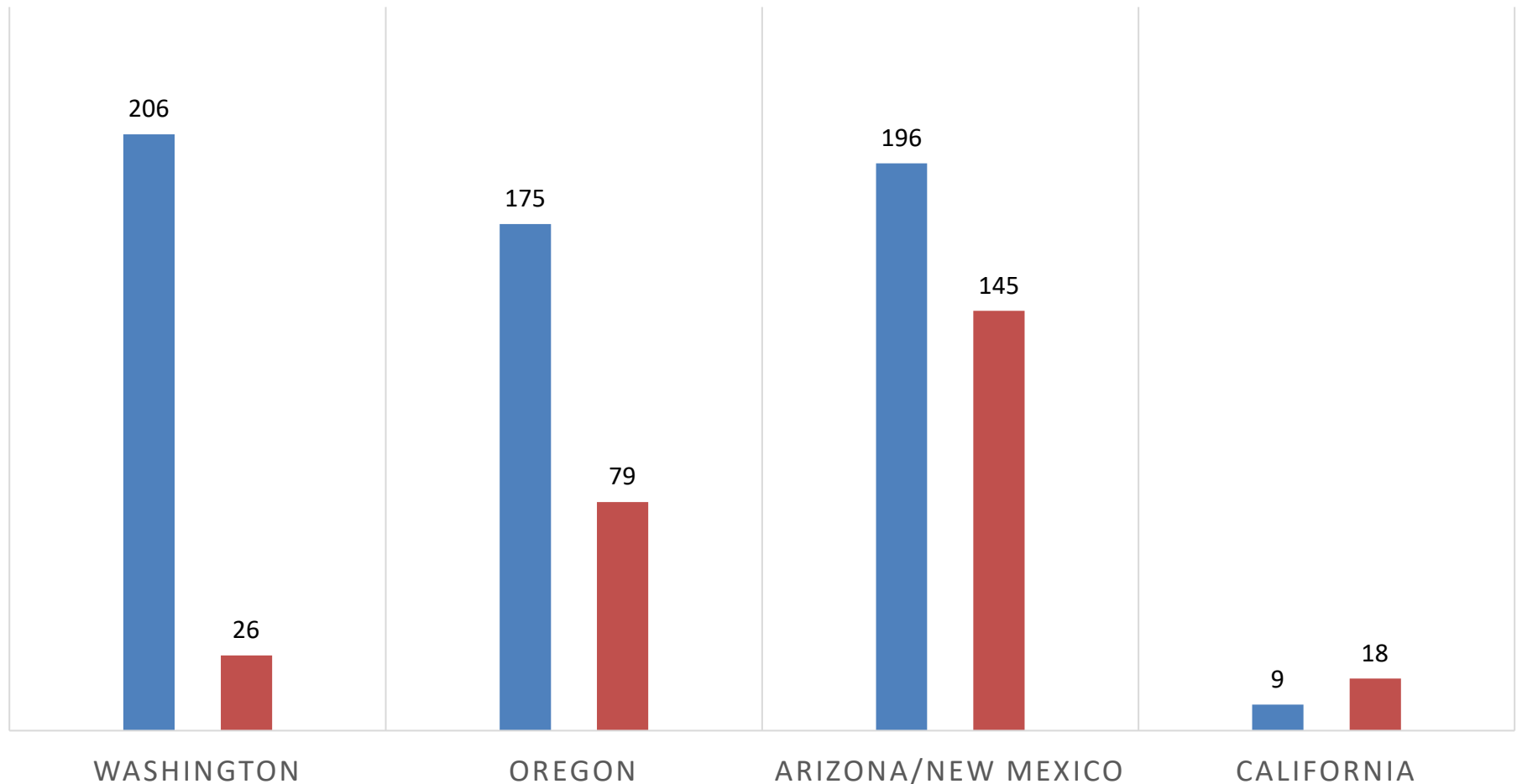


# Wolf-livestock conflict, 2008 - 2021



# How does Washington compare with other states recovering wolves?

■ Wolf population size (as of 2021) ■ Documented livestock depredation incidents in 2022







# Carcass management challenges and opportunities

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# Questions?



# Wolf Management Expenditures

(Jan 1, 2021 – Dec 31, 2021)

Allocation	Use	Cost
Damage Prevention Cooperative Agreements – Livestock (DPCA-Ls)	30 Livestock Producers	\$111,649
Contracted Range Riders	16 Range Riders	\$205,969
Compensation for Livestock Losses (Indirect and Direct)	4 Livestock Producers	\$20,866
Lethal Removal Operations	Reducing Depredations on Livestock	\$19,957
Wolf Management	Management and Research Activities	\$1,062,952
<b>Total</b>		<b>\$1,421,393</b>

