

Bald Eagle & Osprey Recovery in Wisconsin



Bald Eagles

Wing Span
Females 79-90"
Males 72-82"

Weight
• 10-14 lbs

Length
• 31"



Osprey

Wing Span
• 60-72"

Weight
• 2.5–4.5 lbs

Length
• 23"



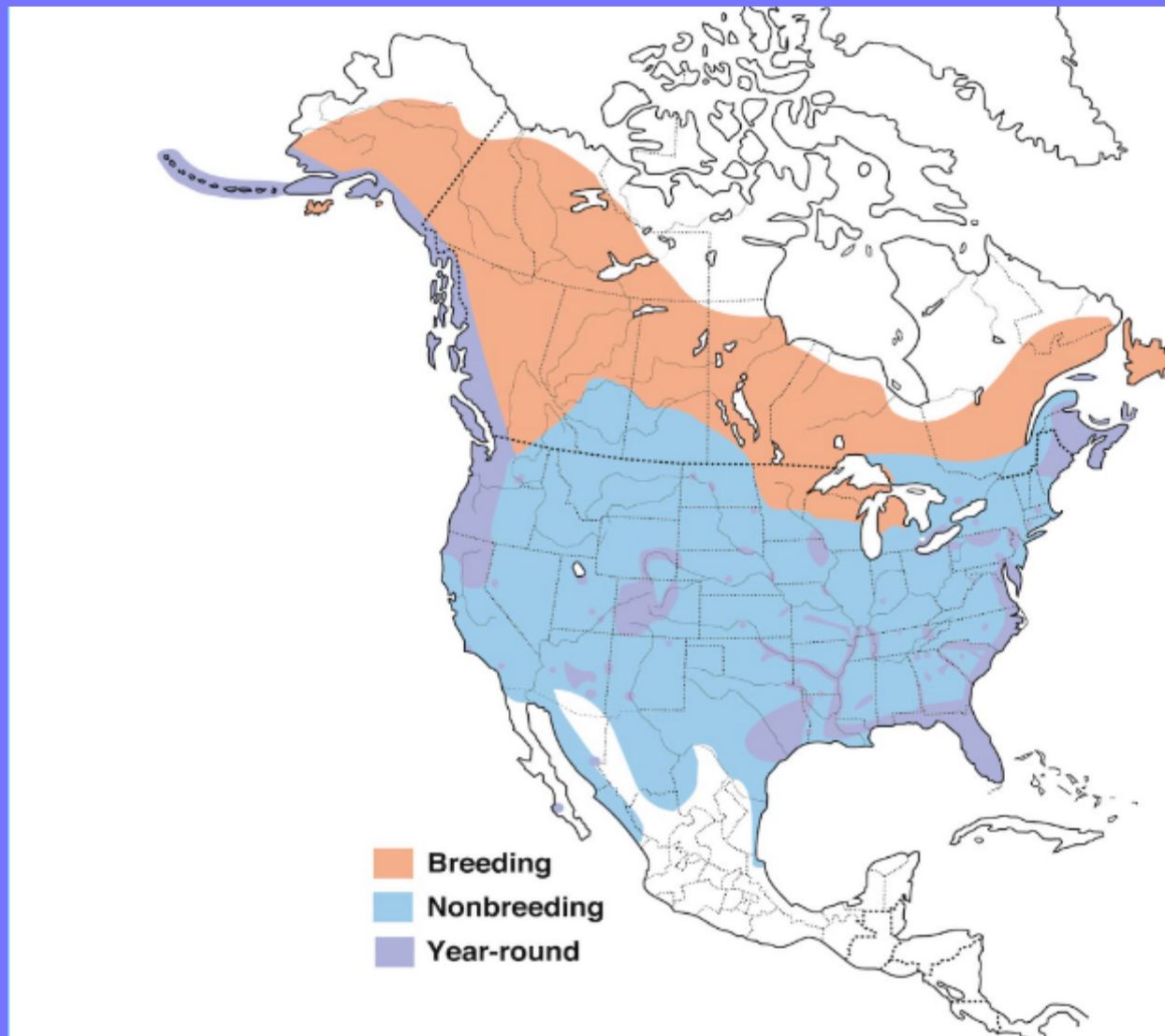
Haliaeetus leucocephalus - Bald Eagle





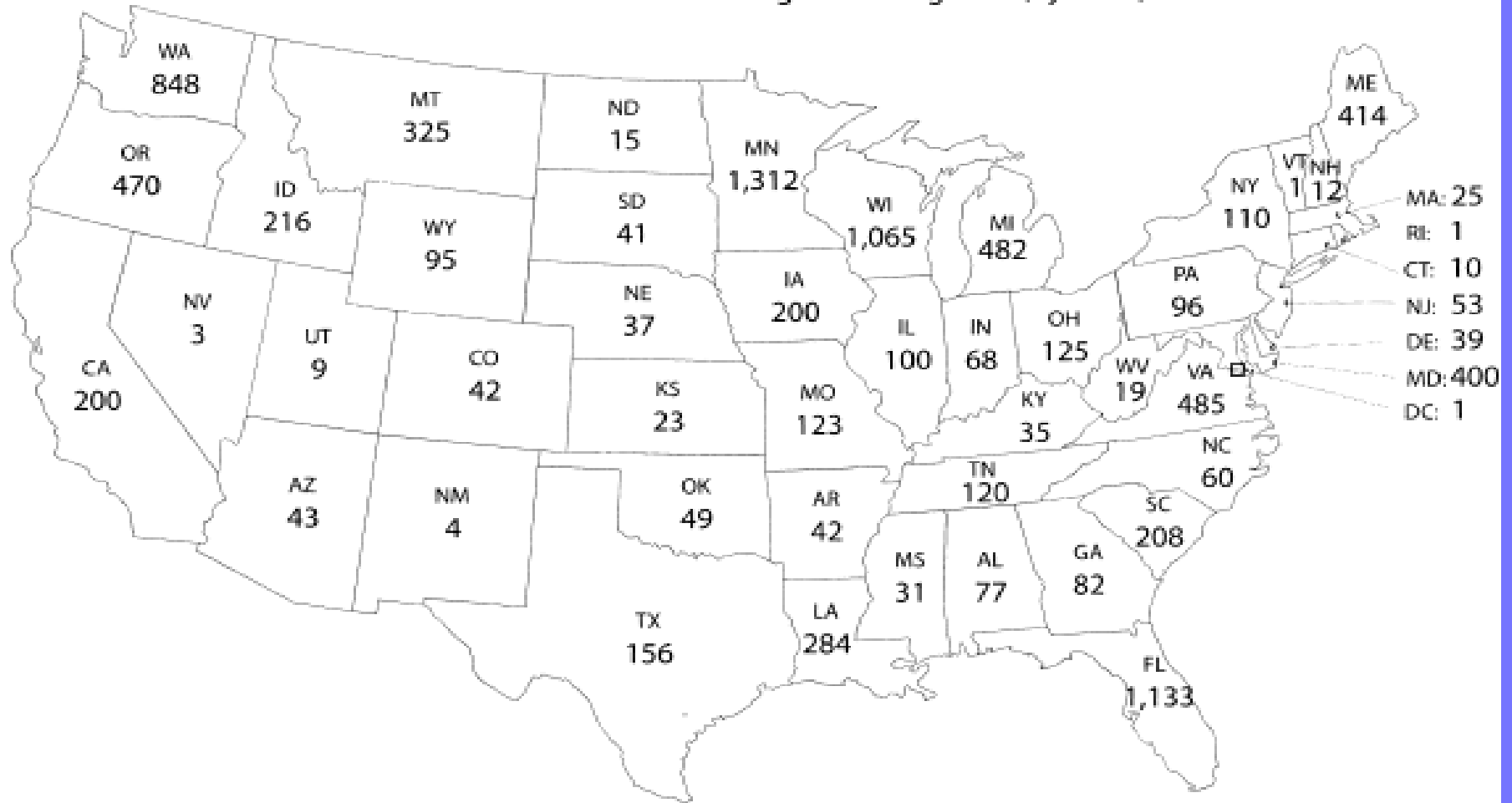
Pandion haliaetus - Osprey

Bald Eagle Range



Number of nesting Bald Eagle pairs by state - 2007

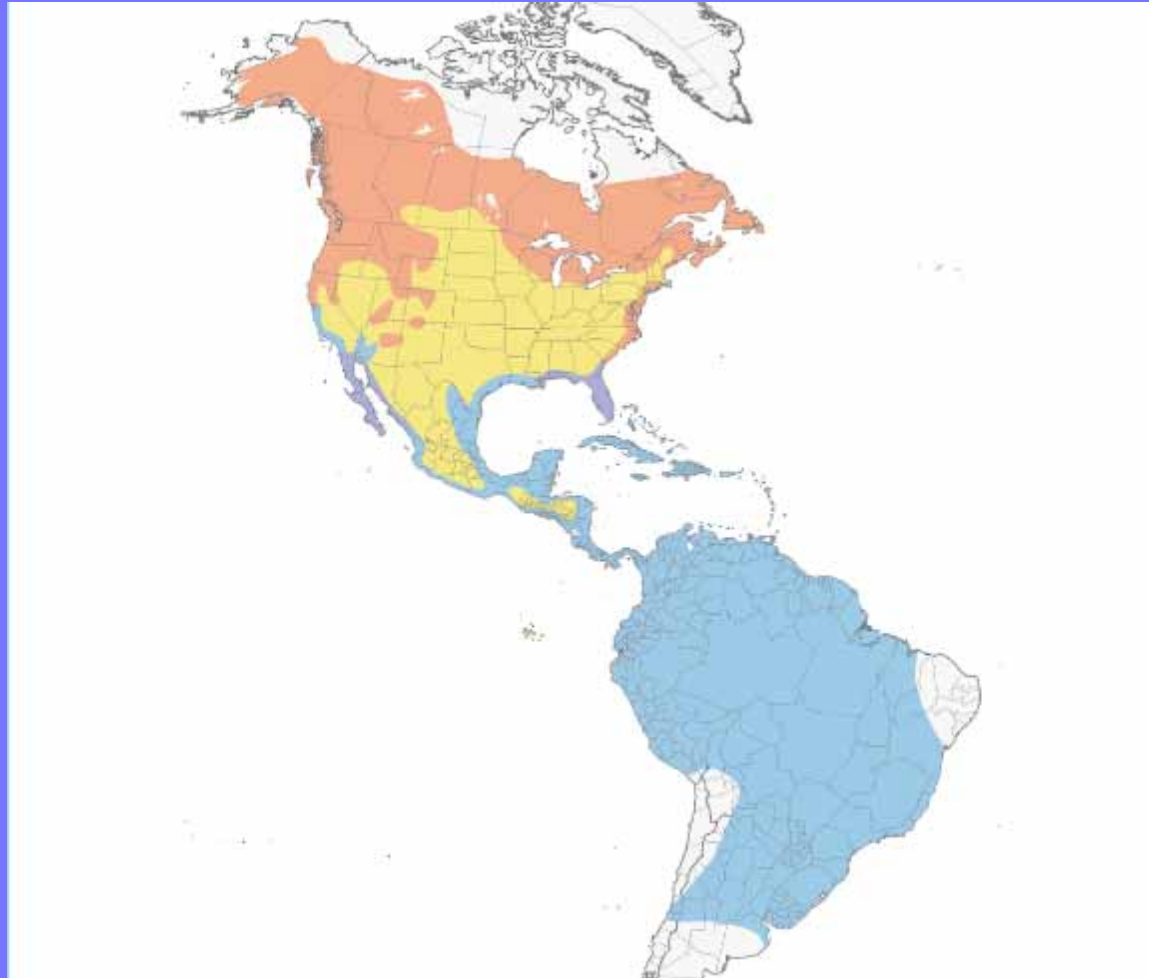
U.S. Fish & Wildlife Service
Final Rule to Delist the Bald Eagle in the Lower 48 States
Estimated Number of Bald Eagle Breeding Pairs (by State)*



* State information 2004, or later

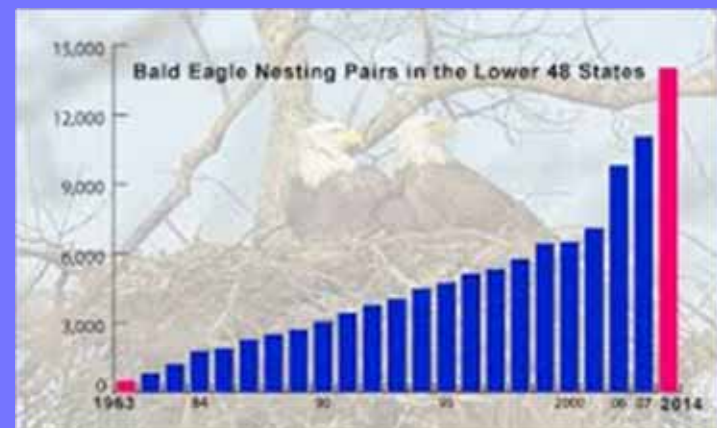
Total Pairs: 9,789

Osprey Range



A Little History...

- In 1782 when the U.S. adopted the bald eagle as our national bird, an estimated 100,000 nests were found in the lower 48
- By 1963 only 418 nesting pairs were found in the lower 48
- When they were delisted in 2007, we had almost 10,000 nesting pairs – 2014 ~ 14,000
- In 2017 Wisconsin had >1,590 nesting pairs



Status

Bald Eagles

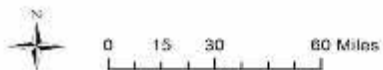
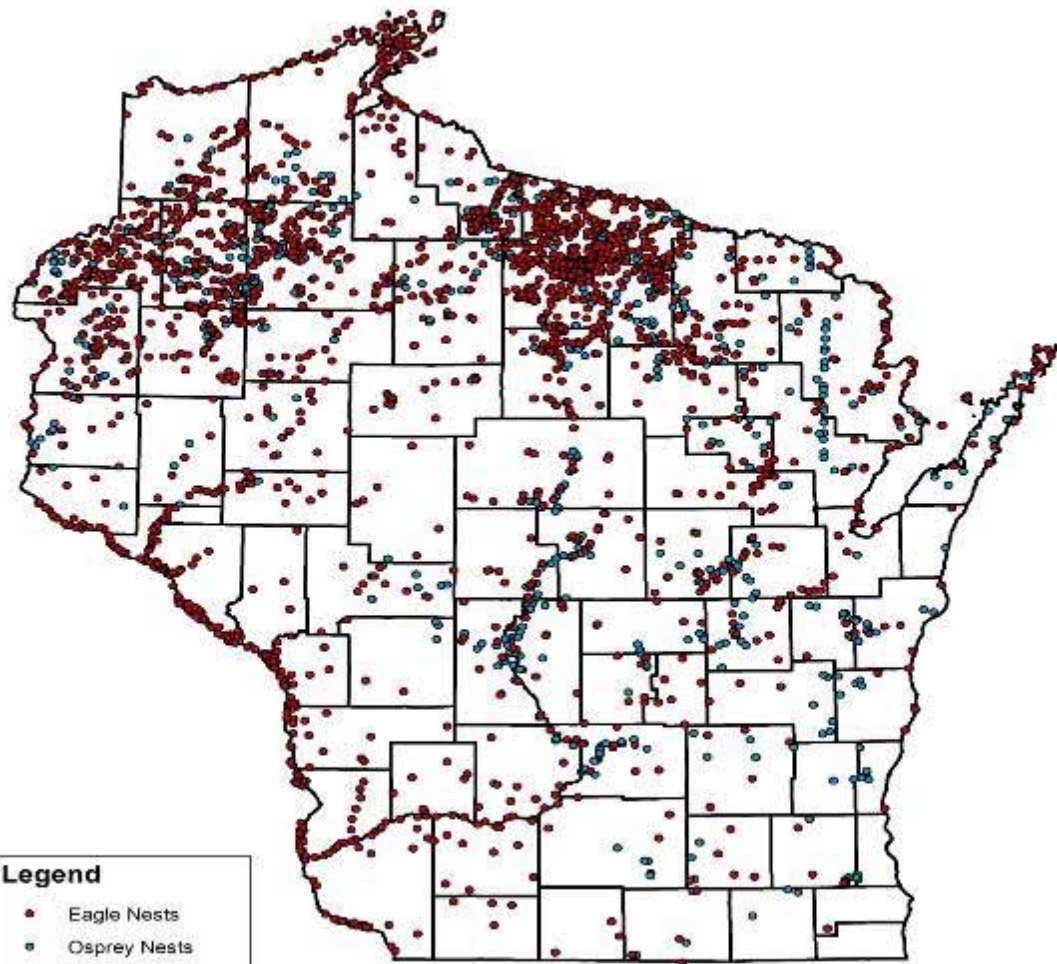
- Down-listed to threatened in 1995.
- Completely de-listed in 2007
- Still Protected by Bald & Golden Eagle Protection Act, The Lacey Act, & The Migratory bird Act.

Osprey

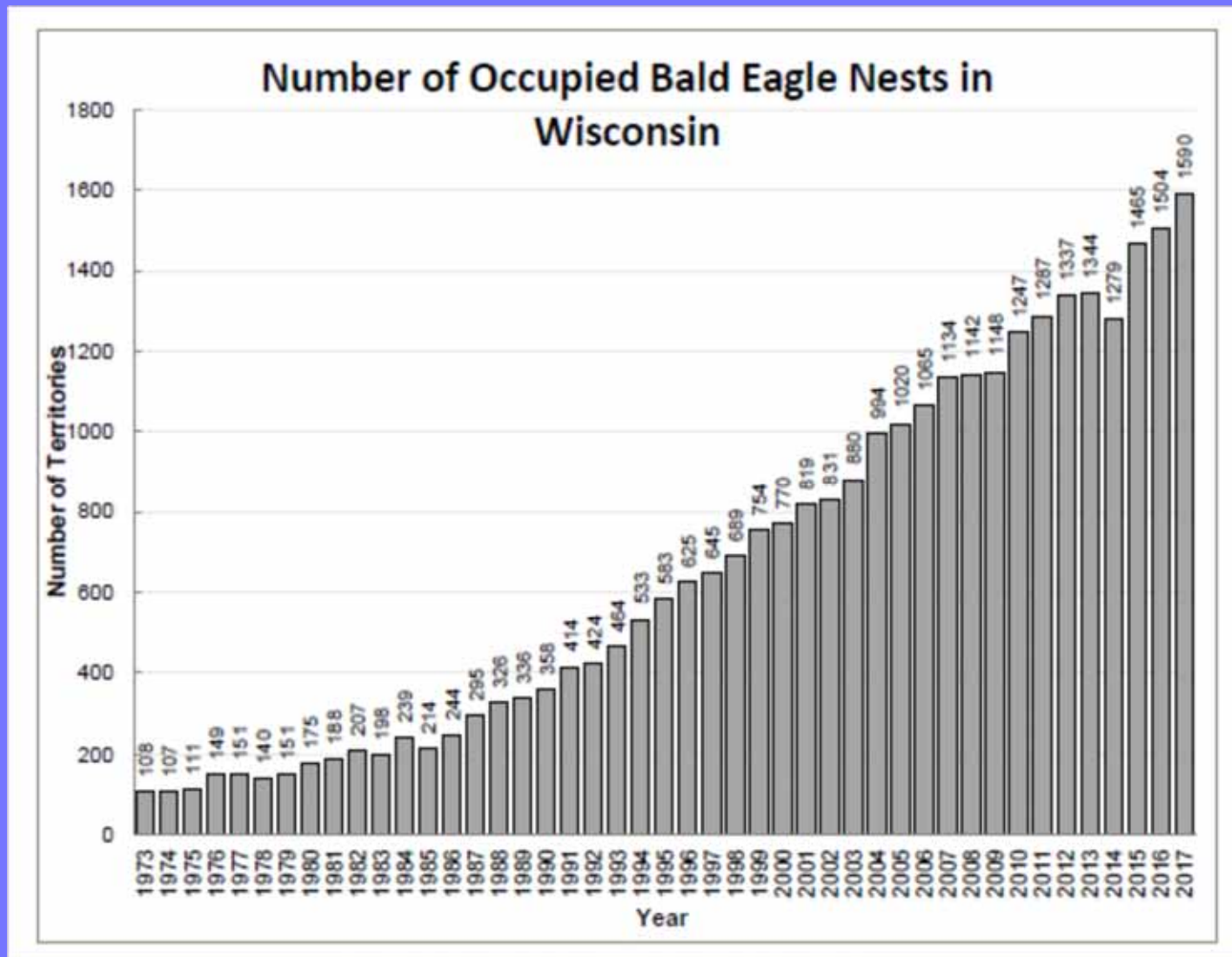
- Down-listed to threatened in 1989.
- Completely delisted in 2009.
- Still protected by Migratory Bird Act.
- WI DNR still manages both species in 2018.

Species Monitoring & Management

Known Eagle and Osprey Nests in Wisconsin



Species Monitoring - eagles



Species Monitoring - eagles



Statewide Eagle Survey (2017)

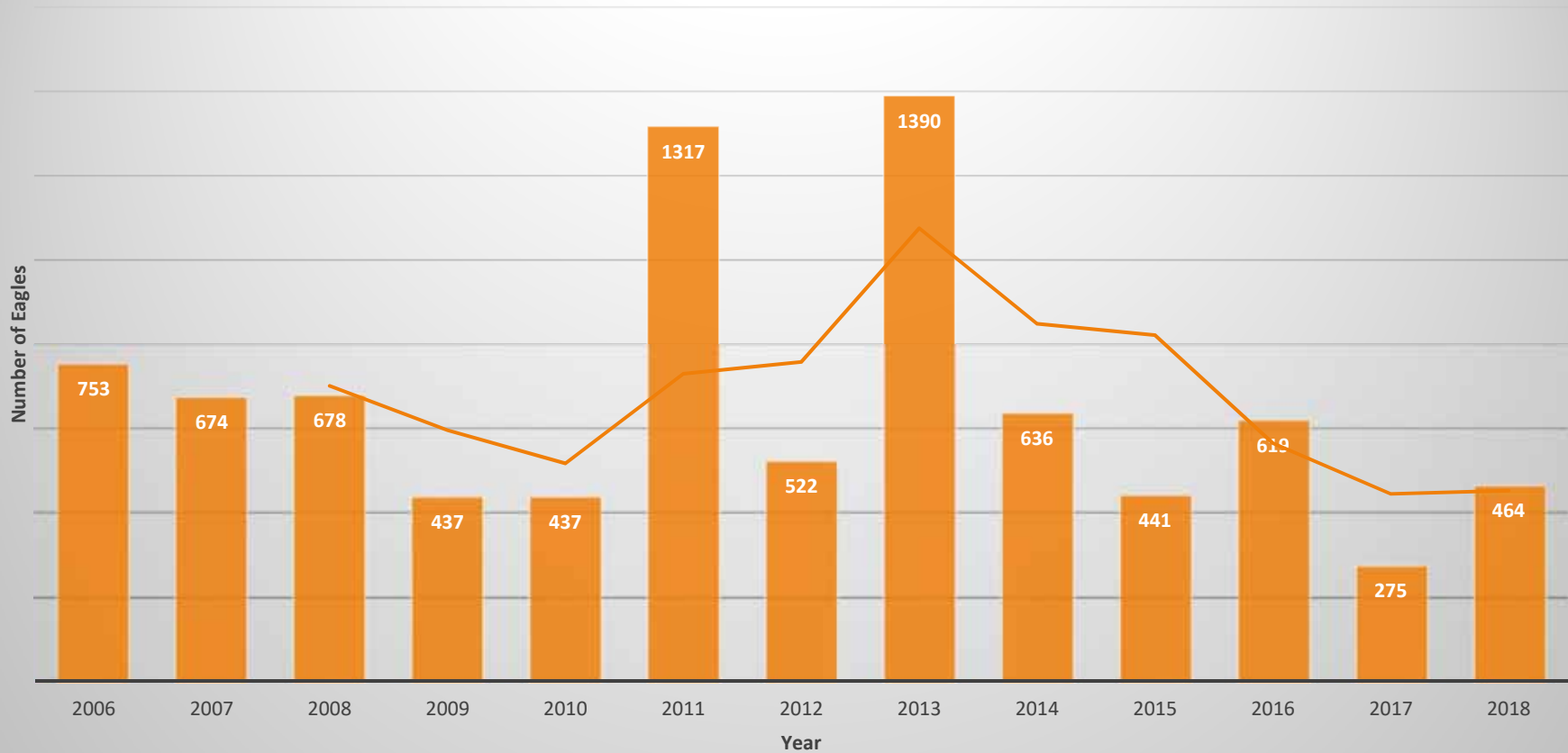
- 1,590 Occupied territories

- 69 of 72 Counties

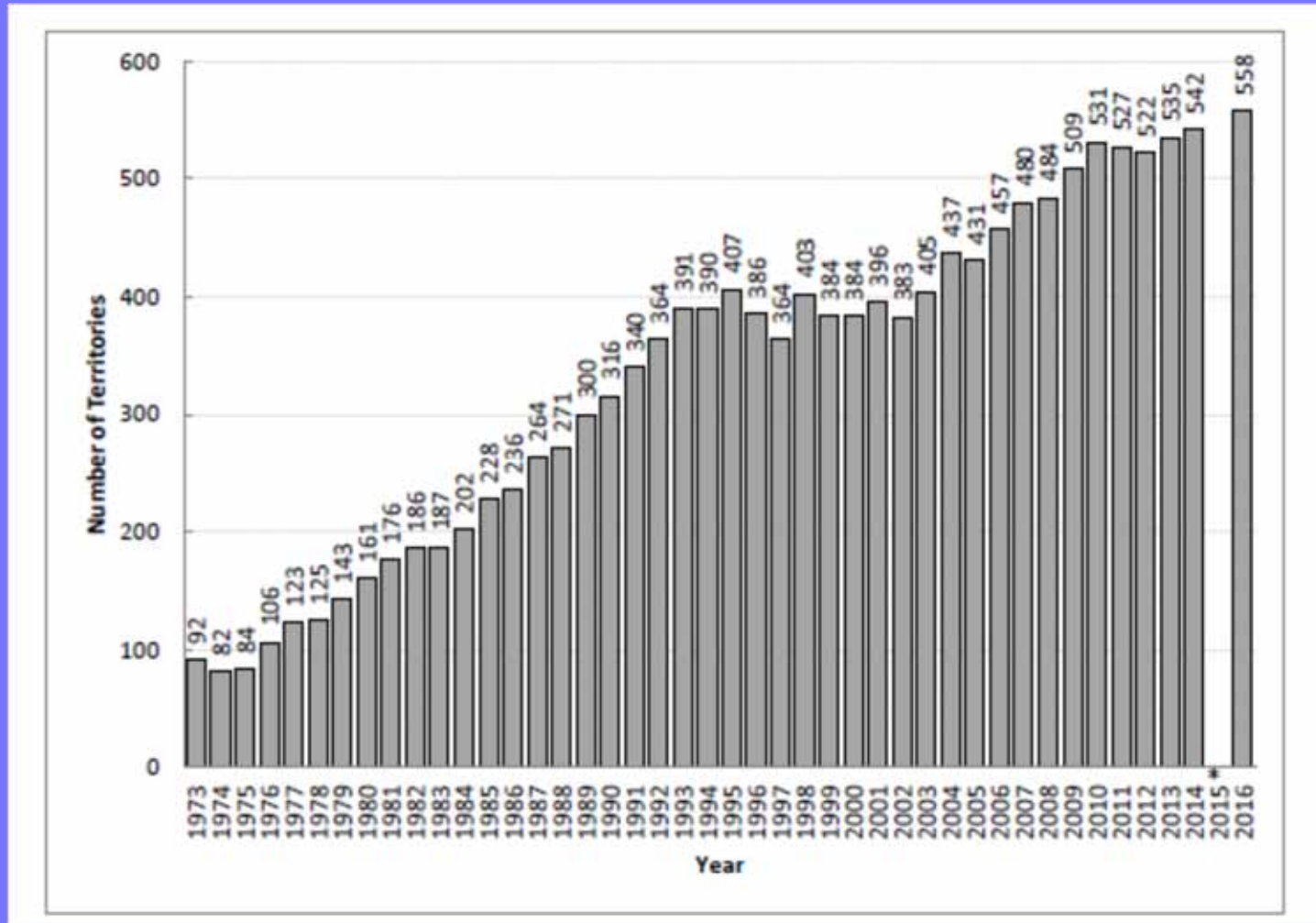


Species Monitoring - eagles

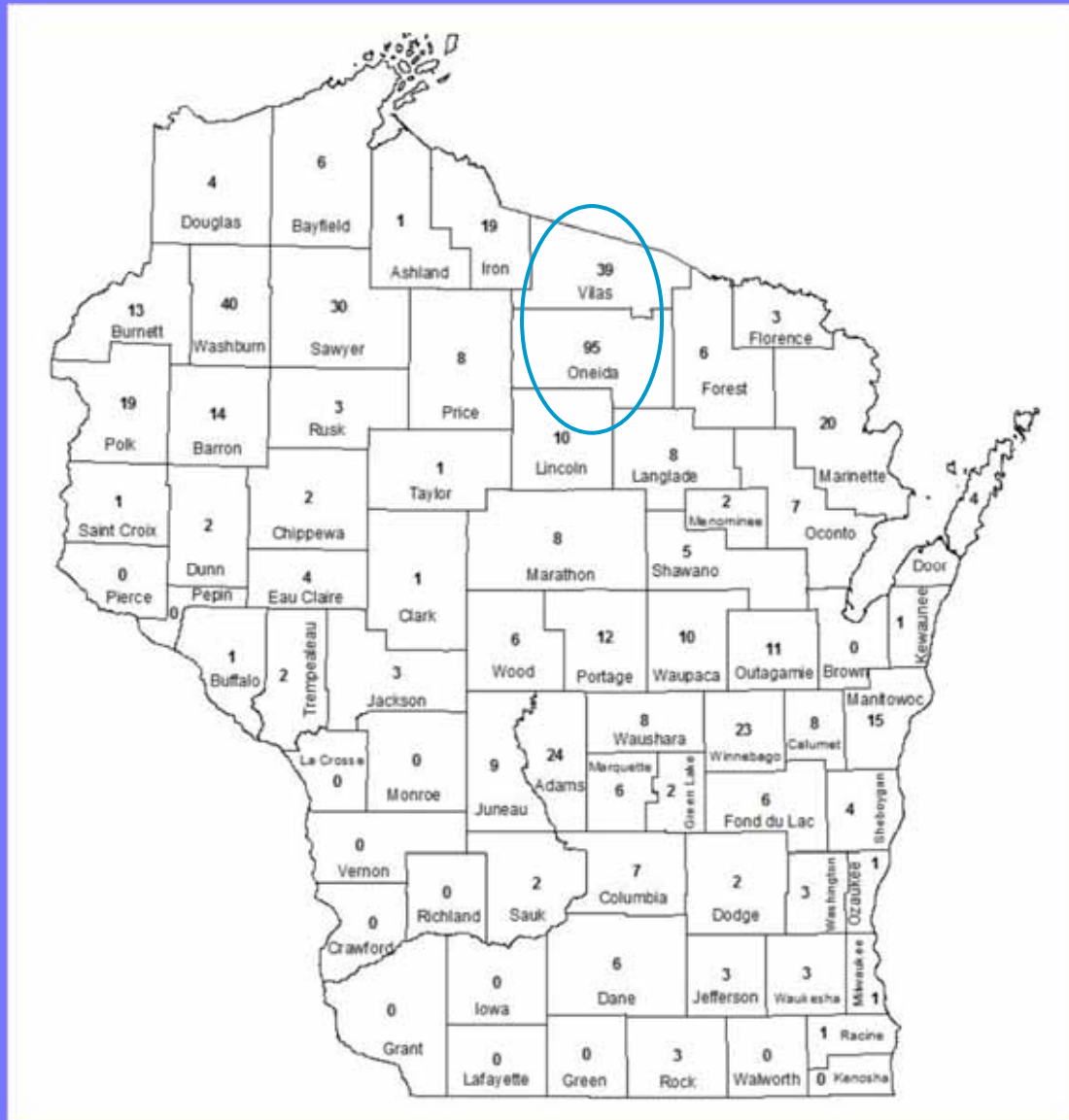
Mid-Winter Eagle Survey Numbers by Year



Species Monitoring - ospreys



Species Monitoring - ospreys



Statewide Osprey Survey (2016)

-535 Occupied territories

-57 of 72 Counties



What did we do bring Eagles & Ospreys back?

- We banned pesticide DDT
- We prohibited killing of eagles
- We improved water quality in many of our lakes and rivers
- We protected nest sites

Species Management

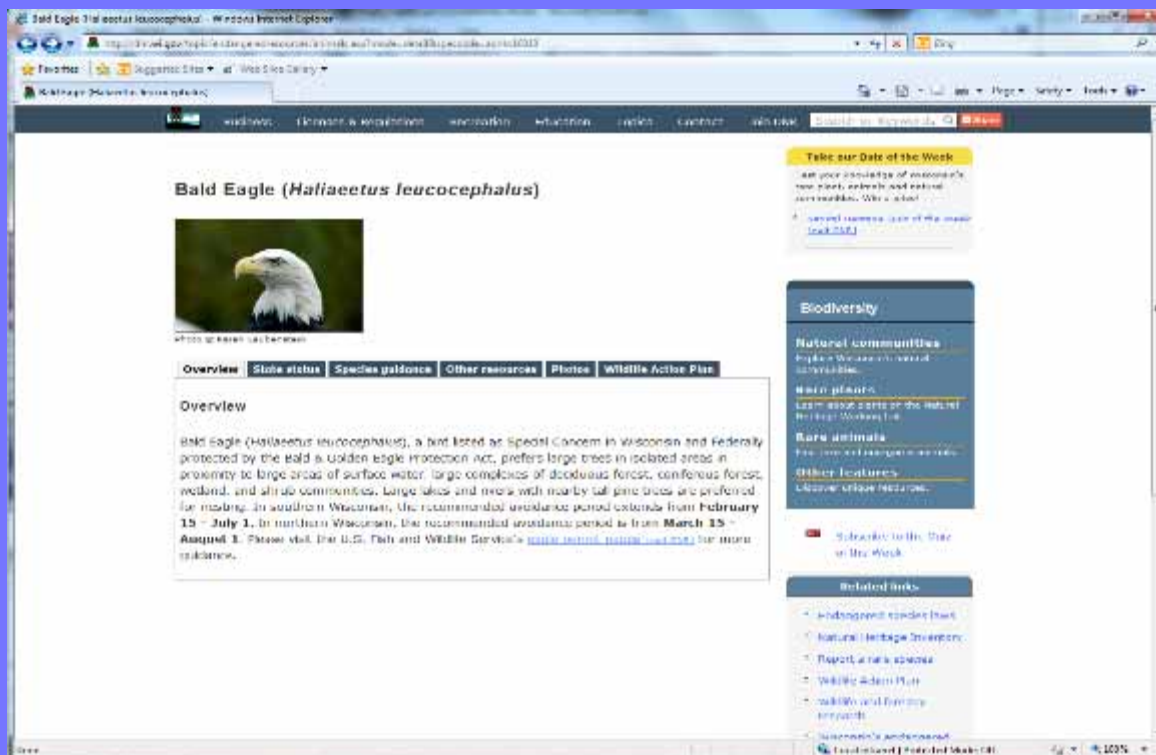
The Bald and Golden Eagle Protection Act - 1943

Migratory Bird Treaty Act - 1918

Lacey Act - 1900

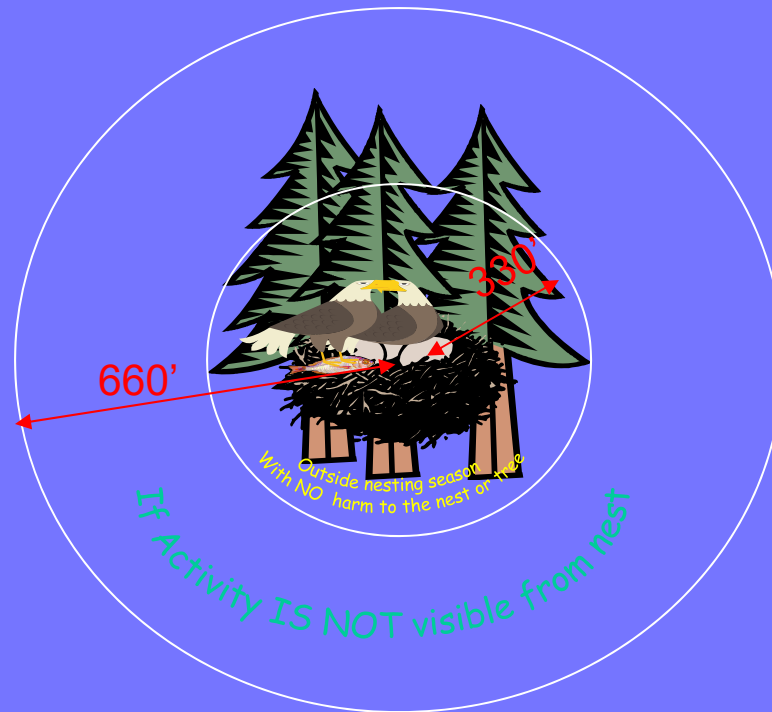
Species Management

Wisconsin Department of Natural Resources
http://dnr.wi.gov/org/land/er/publications/eagle_management.htm



The screenshot shows a web browser window displaying the Wisconsin Department of Natural Resources page for the Bald Eagle (*Haliaeetus leucocephalus*). The page features a navigation menu at the top with options like 'wildlife', 'fisheries & waterways', 'wildlife', 'education', 'links', 'contact', and 'about'. The main content area is titled 'Bald Eagle (*Haliaeetus leucocephalus*)' and includes a photograph of a bald eagle. Below the photo are tabs for 'Overview', 'Status', 'Species guidance', 'Other resources', 'Photos', and 'Wildlife Action Plan'. The 'Overview' section provides a brief description of the species, noting its status as a Special Concern in Wisconsin and its preference for large trees in isolated areas. It also mentions the recommended observation period from February 15 to July 1. On the right side of the page, there are several informational boxes: 'Take our Quiz of the Week', 'Biodiversity' (with sub-sections for Natural communities, Rare plants, Rare animals, and Other features), and 'Related links' (including Endangered species lists, Natural Heritage Inventory, Report a rare species, Wildlife Action Plan, and Wisconsin's Endangered Species List).

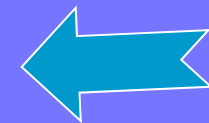
Species Management



Considerations for potential disturbances within buffer zones for Eagle nest

- Distance to nest
- Time of year
- Similar Activity

Species Management

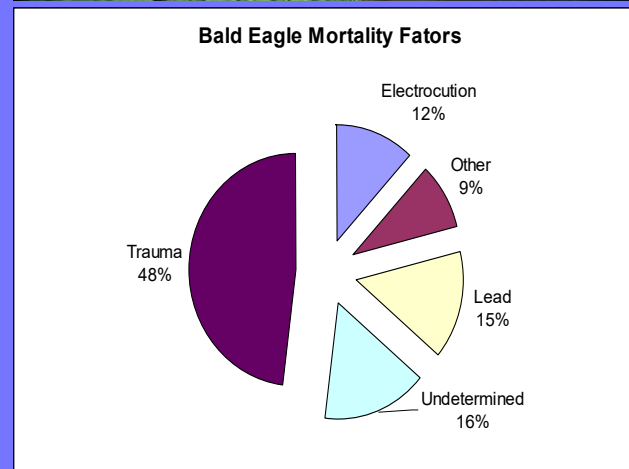


Threats

1. Loss of habitat



2. Direct mortalities



3. Less prey



Conservation Actions

Threats

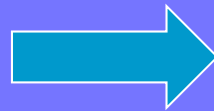
Actions

- Loss of habitat



-Follow conservation guidance within season(s) and buffer area(s); retain large pine trees in suitable habitats

- Direct mortalities



-give eagles room along roadsides; consider non-lead ammunition

- Less prey



-follow fishing rules and regs. Keep our lakes, streams, and rivers clean

How can you help?

- Report potential new territories
- Protect all nest trees, nesting and roosting areas
- Slow down (safely) when you see an eagle by the roadside
- Consider using all non-lead ammunition
- Direct support for management of these species – Adopt an eagle nest, purchase an eagle plate, or a donation to ER fund (google: “*adopt Wisconsin bald eagle nest*”)

Questions???

