



# Our Brampton Turtles

3 ways to look at the grim statistics...

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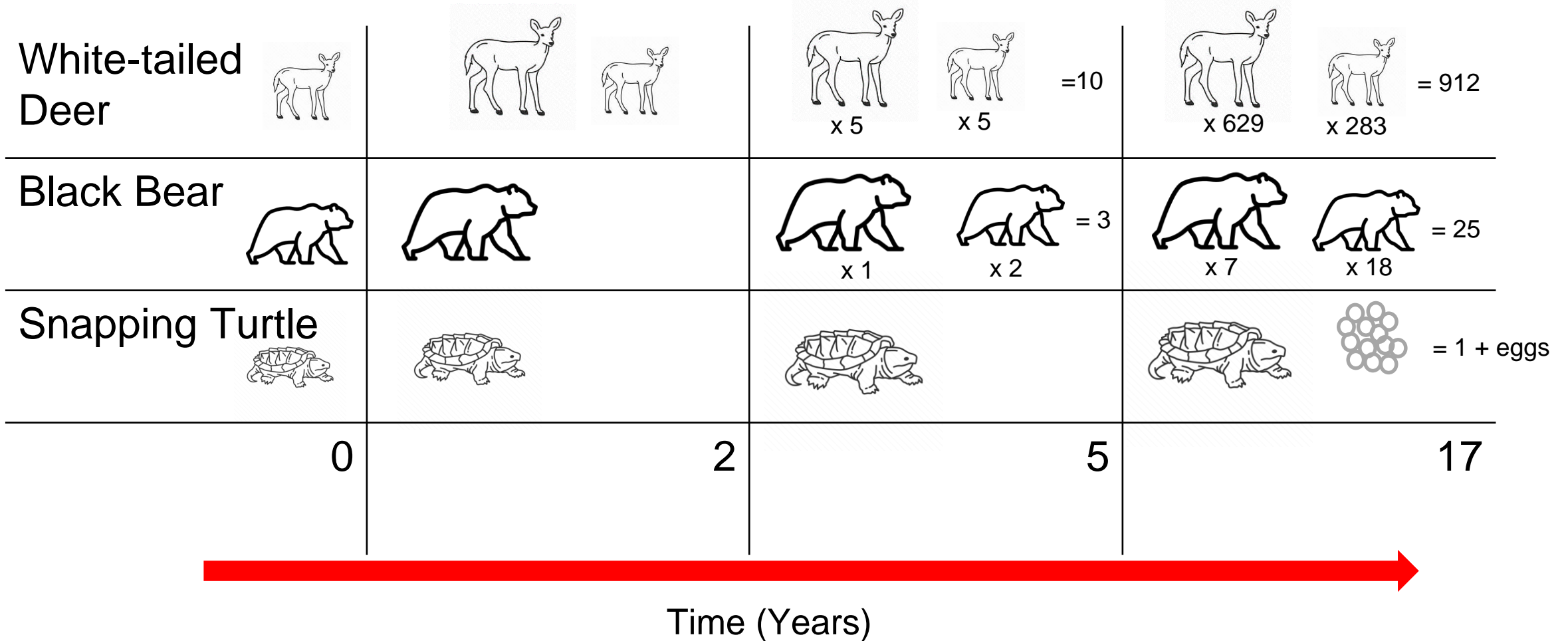
One out of 1400

Will survive to adulthood

60 years

To replace themselves

# Comparing reproduction of Ontario species



The adult  
turtle's  
biggest  
issue...

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# Why are Turtles Important?



Essential to biodiversity



Keystone species



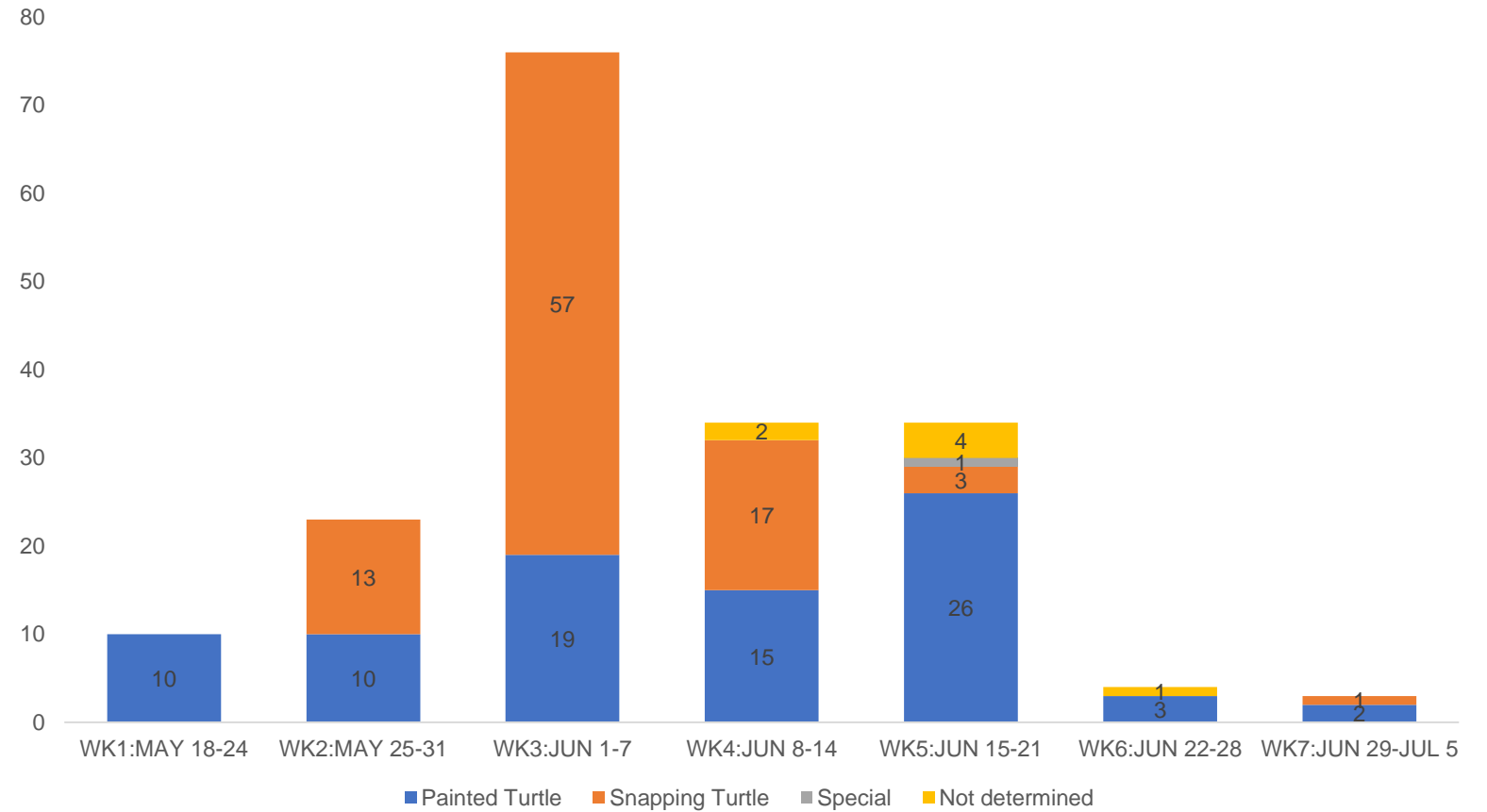
Janitors

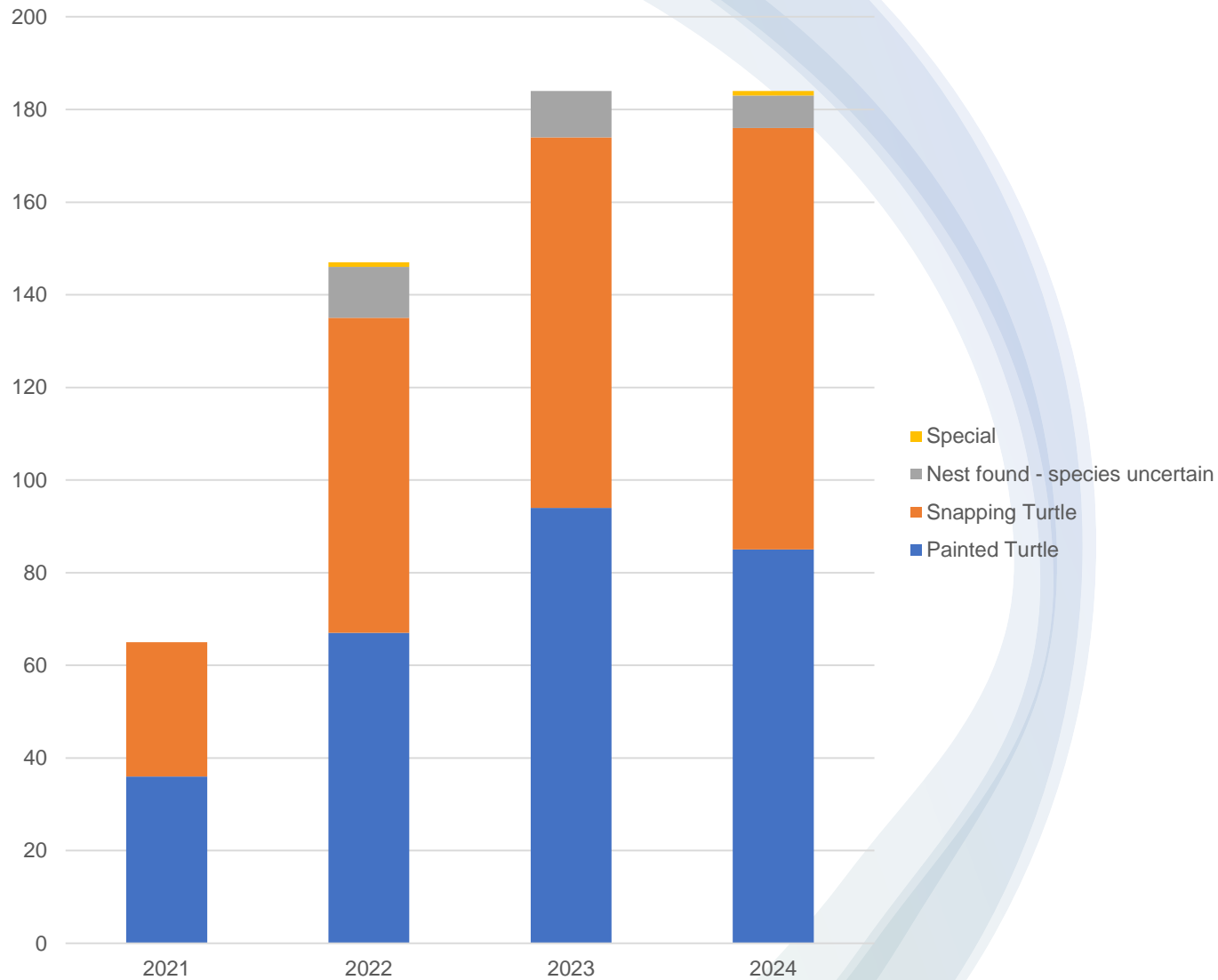


Gardeners



# 2024 Year Highlights: Nest Protection





## Nest Protection from 2021 to 2024



# Increasing their Chances

- Almost 1900 eggs sent for incubation
- 1697 turtles returned to their ancestral wetland





# 2025 Plans



Continued nest protection

Continued protection of adult turtles

Continued nest excavation under permits via Scales Nature Park

Research via University of Toronto

Increase volunteer participation, engagement and training



# The Urban Heat Islands Project

- Urban areas can become “islands” of higher temperatures
- “Heat Islands” can impact nest temperature of freshwater turtles (sex of turtle is determined by temperature in nest)
- Need a better understanding of nesting within cities
- Need to understand how to address altered nesting conditions and provide suitable habitat
- Increase environmental stewardship in the area with research and community science



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**Saving the World, One Turtle at a Time**