



NATIONAL FLYWAY COUNCIL

Pacific est. 1952 - Central est. 1948 - Mississippi est. 1952 - Atlantic est. 1952



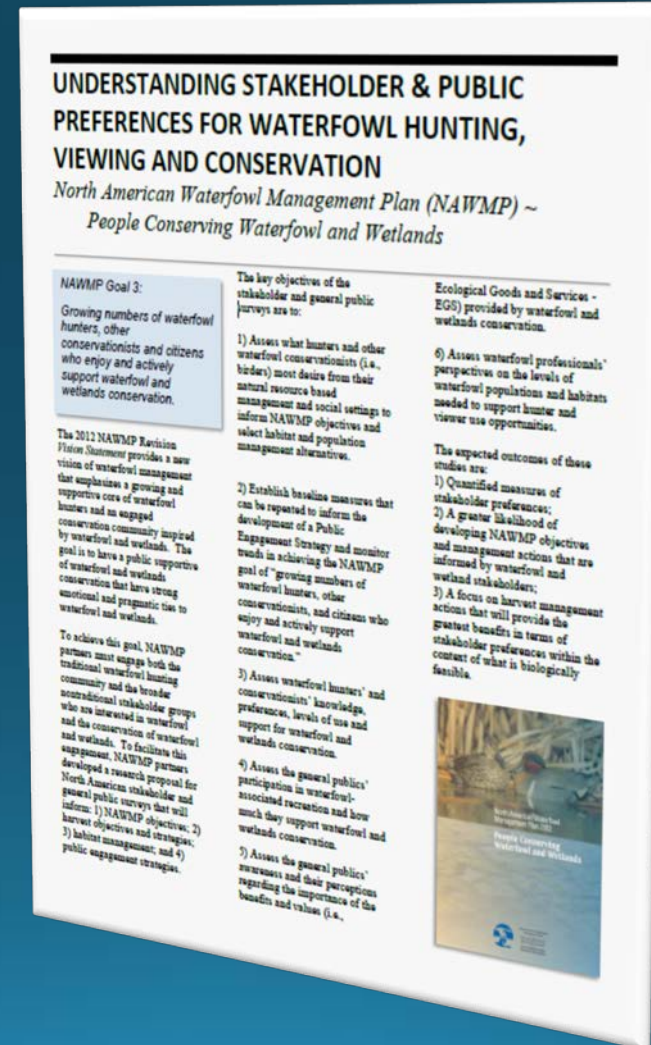
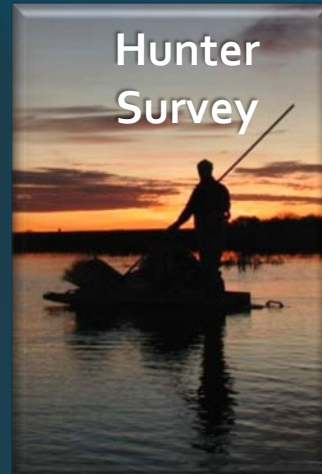
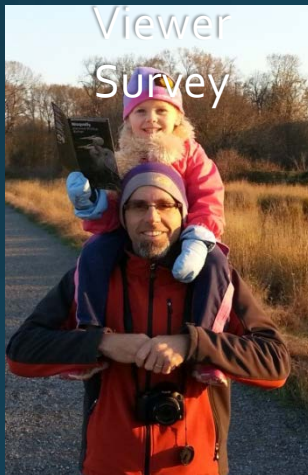
Future of Waterfowl Workshop 2
Highlights of Results September 26, 2017

NAWMP Survey of Waterfowl Hunters

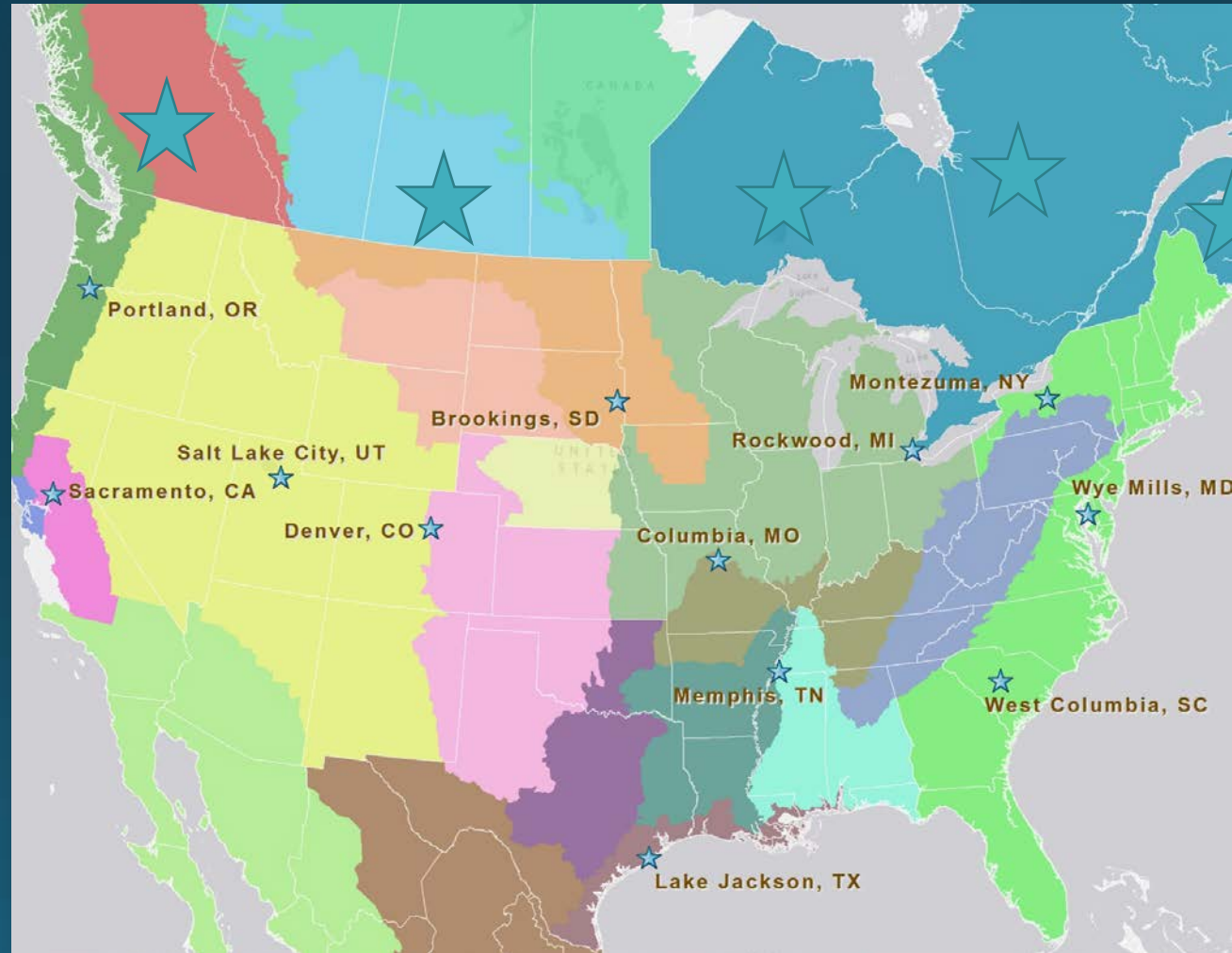
Acknowledgements

- National Flyway Council and member states in Atlantic, Mississippi, Central and Pacific Flyways
- U.S. Geological Survey
- Migratory Bird Joint Ventures & U.S. Fish and Wildlife Service
- Ducks Unlimited
- Association of Fish and Wildlife Agencies
- NABCI
- Cornell Lab of Ornithology
- Members of HDWG and PET

Identify Stakeholder Preferences



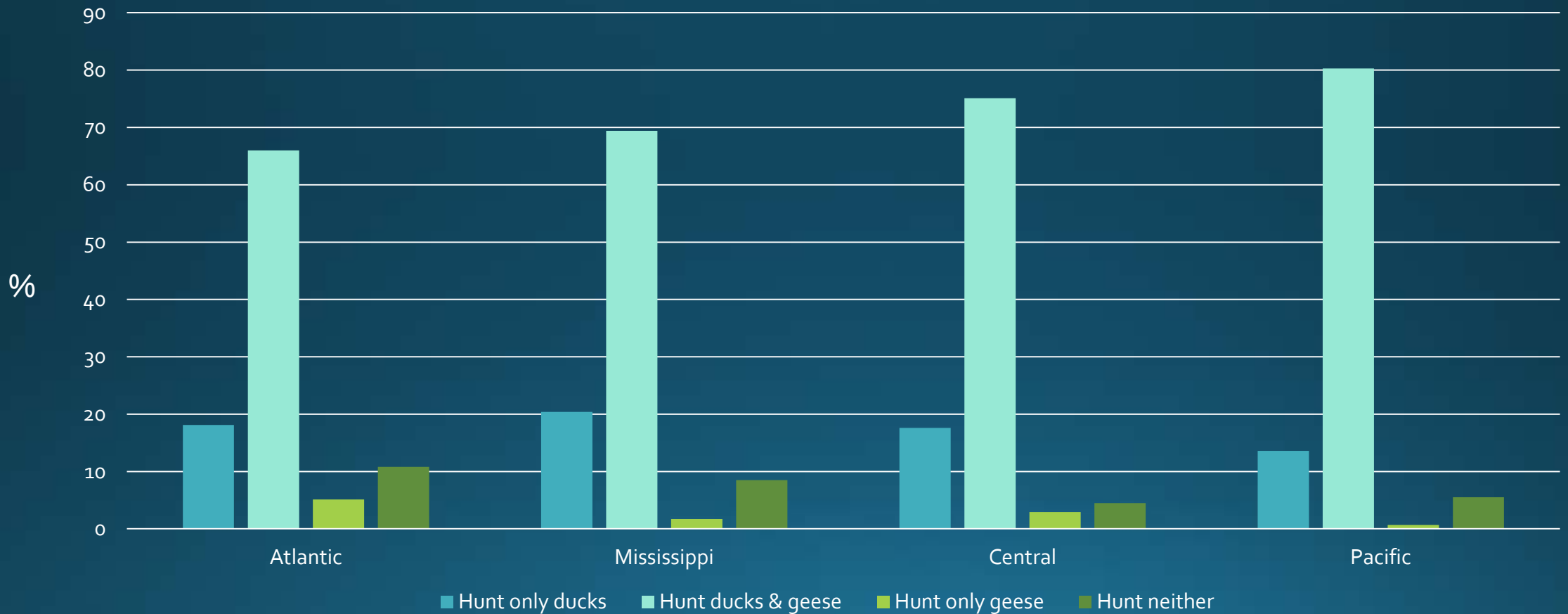
34 Workshops in 17 Locations



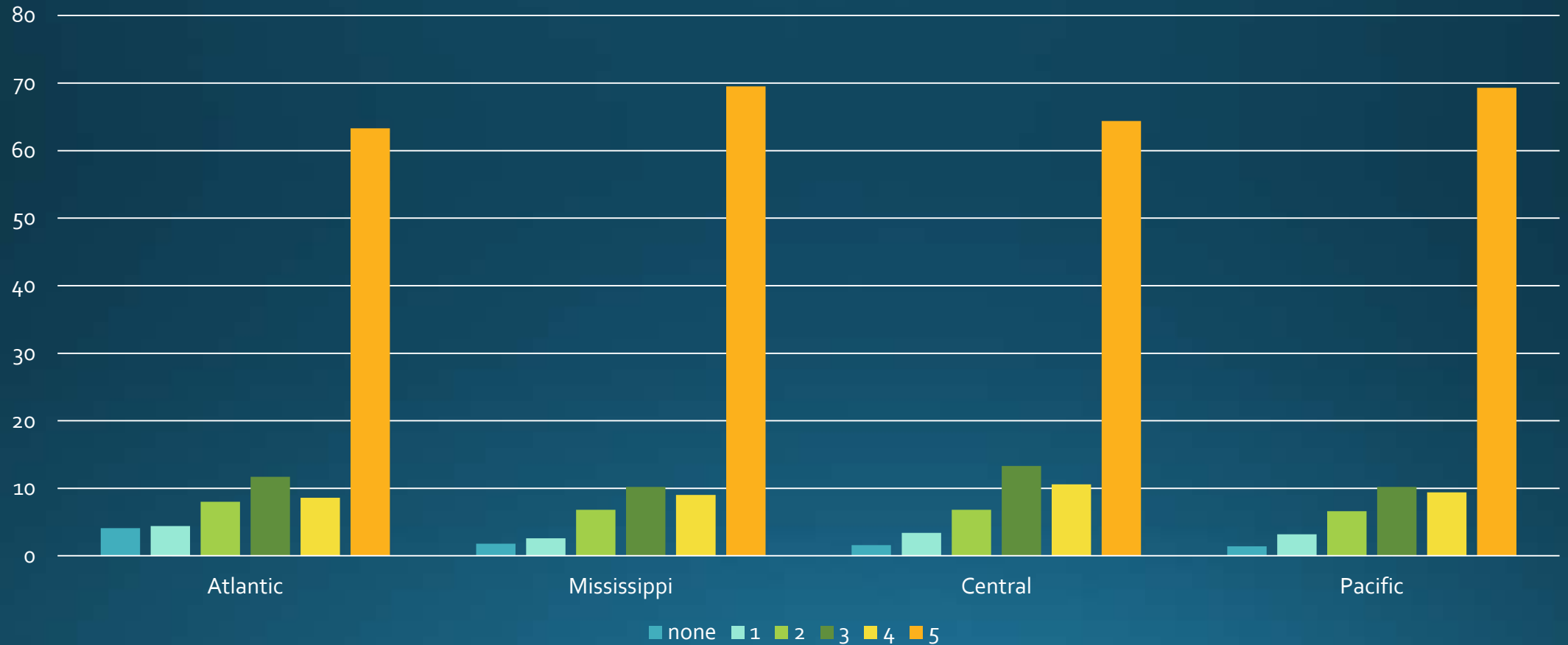
Methods

- Mail contact with web completion (Nov. 2016-March 2017)
- Sampling population adult (18+) waterfowl hunters in the US
- Sampling Frame: 2015 state HIP records from each state
- Initial Sample Nationwide = 35,101
- Total completed sample size Nationwide = 8,123 (23%)
 - Atlantic = 1,968 (lower = 988, middle = 486, upper = 494)
 - Mississippi = 2,868 (lower = 735, middle = 1,304 upper = 829)
 - Central = 1,754 (lower = 439, middle = 508, upper = 807)
 - Pacific = 1,533 (lower = 533, middle = 473, upper = 527)
- Data weighted at Flyway level

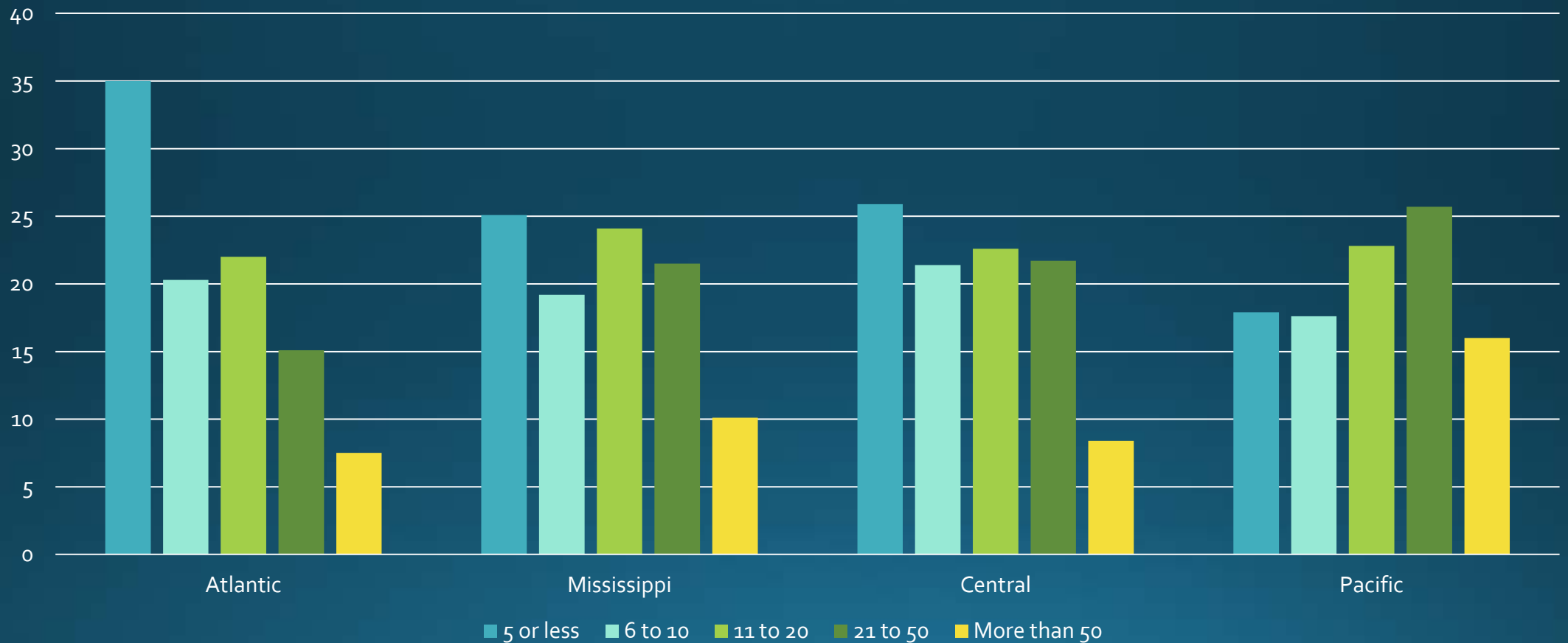
Waterfowl hunting pursuits



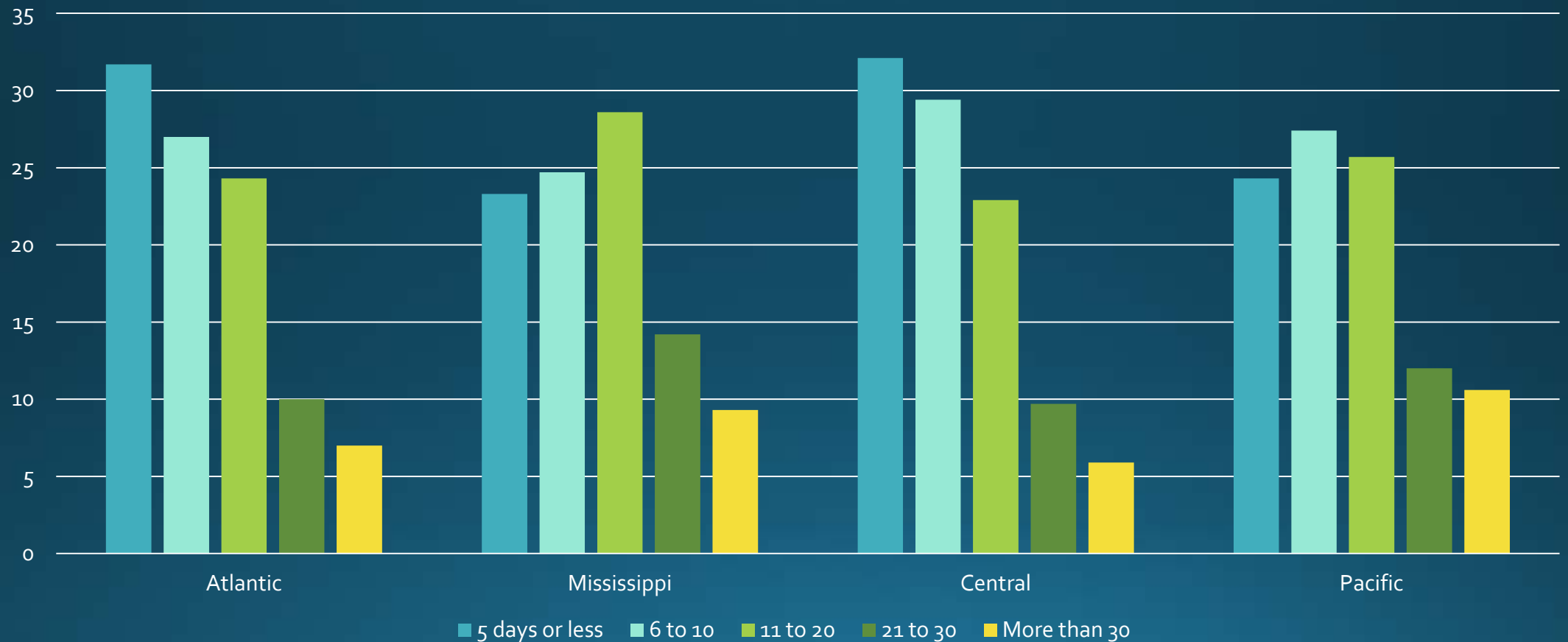
How many of the last 5 years have you hunted waterfowl?



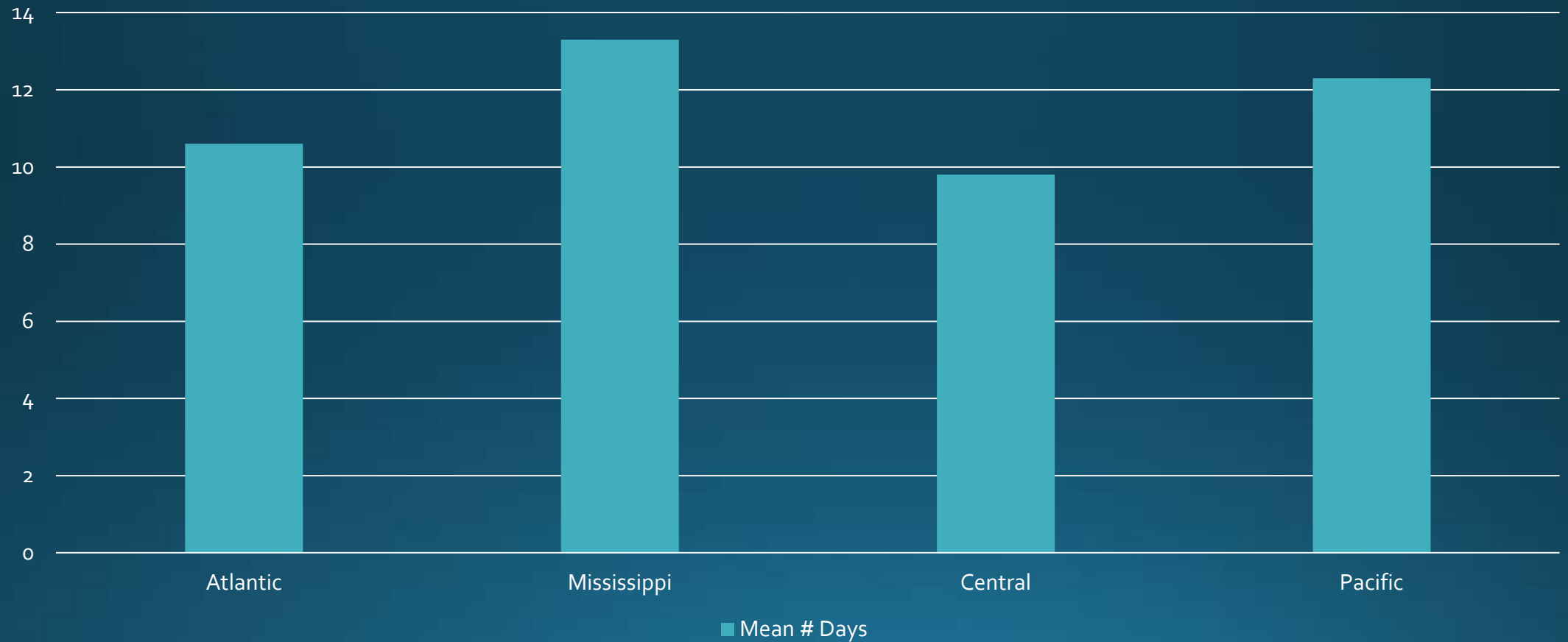
How many ducks did you harvest in a year on average (last 5 years)?



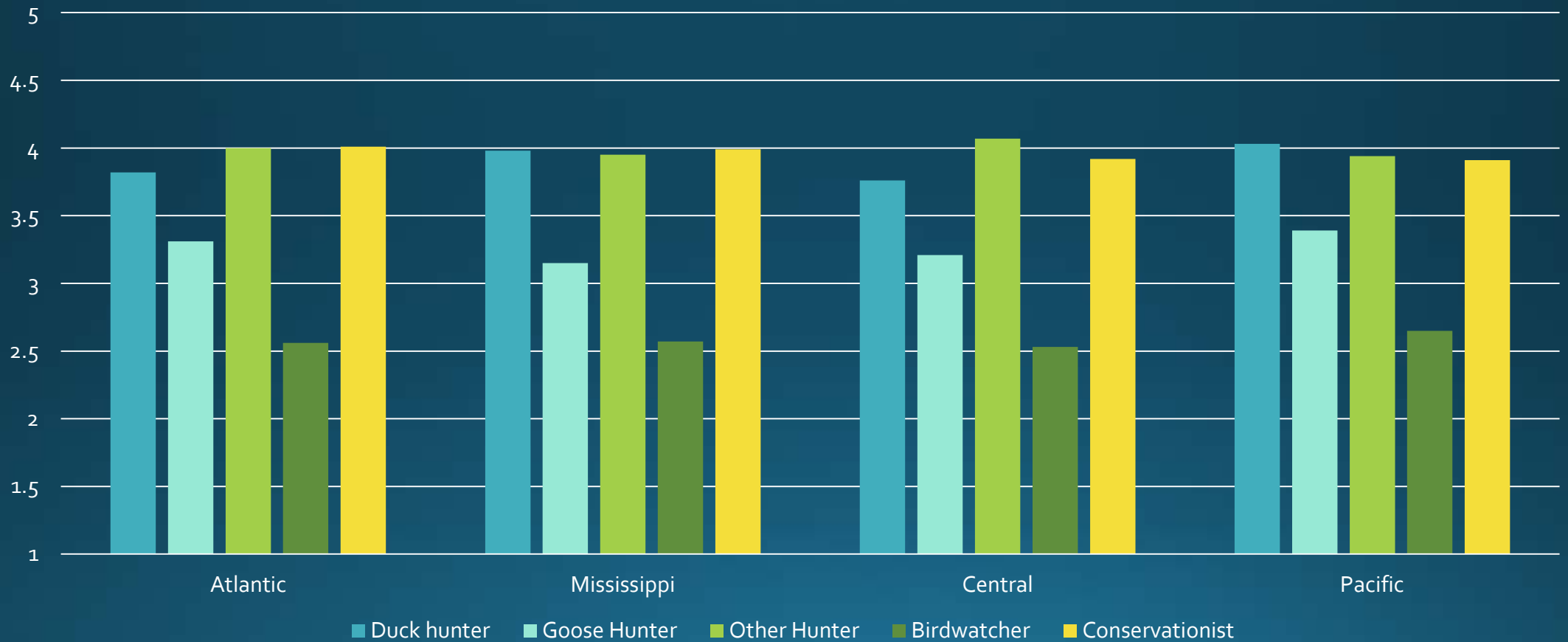
How many days did you usually hunt waterfowl in a year (last 5 years)?



During 2015, how many days did you hunt for waterfowl?



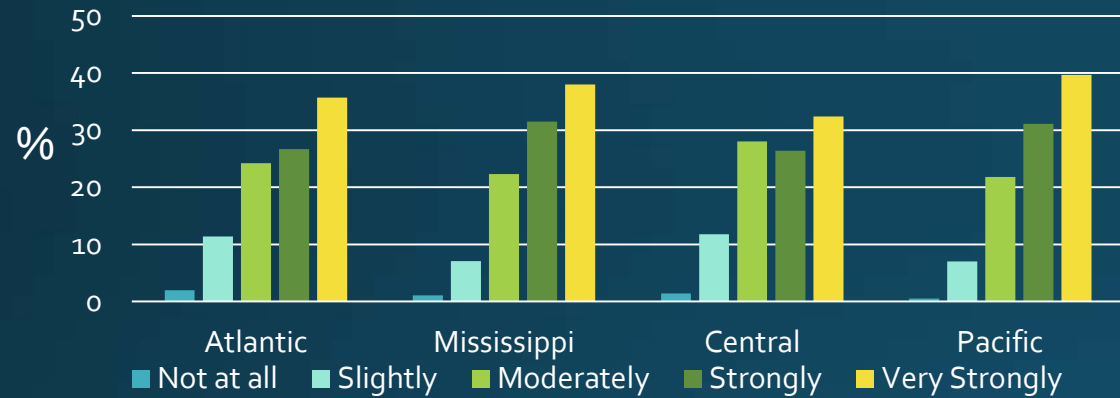
Indicate the extent to which you identify yourself as...?



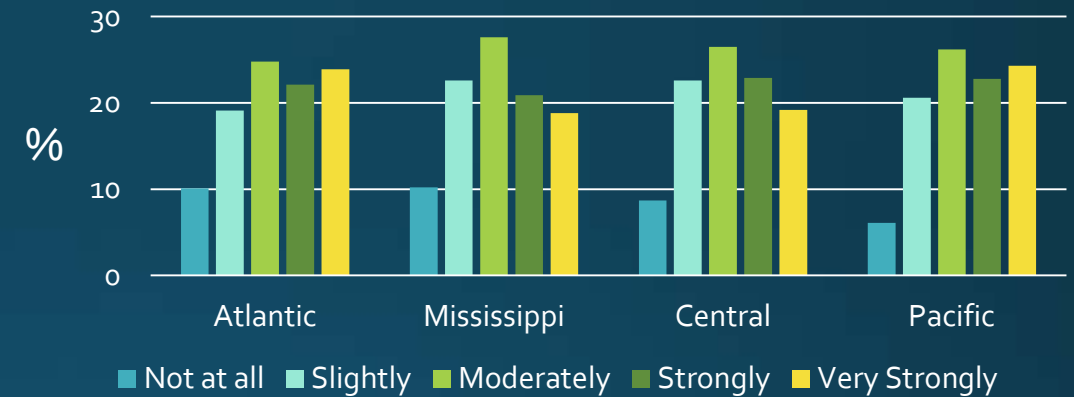
1 = Not at all 5 = Very strongly

Indicate the extent to which you identify yourself as a?

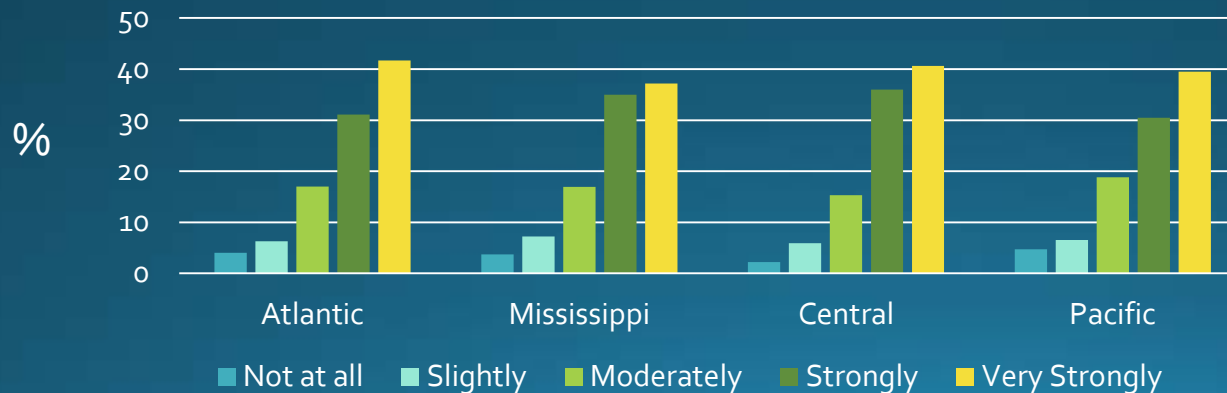
Duck Hunter



Goose Hunter

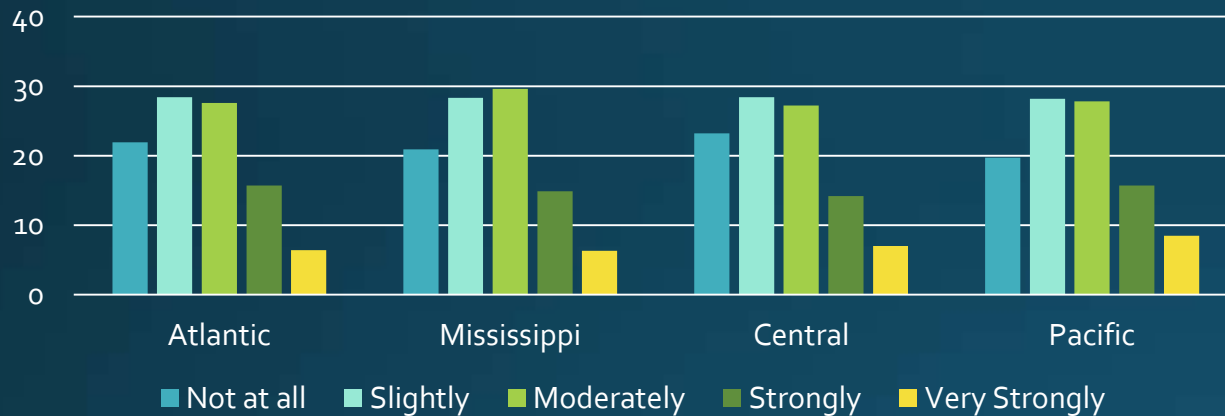


Other Type of Hunter

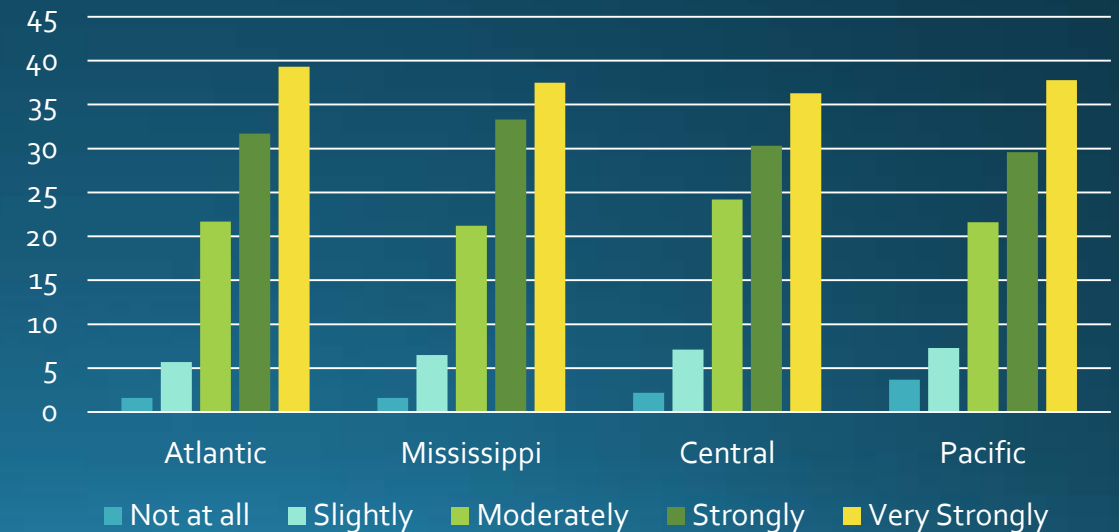


Indicate the extent to which you identify yourself as a?

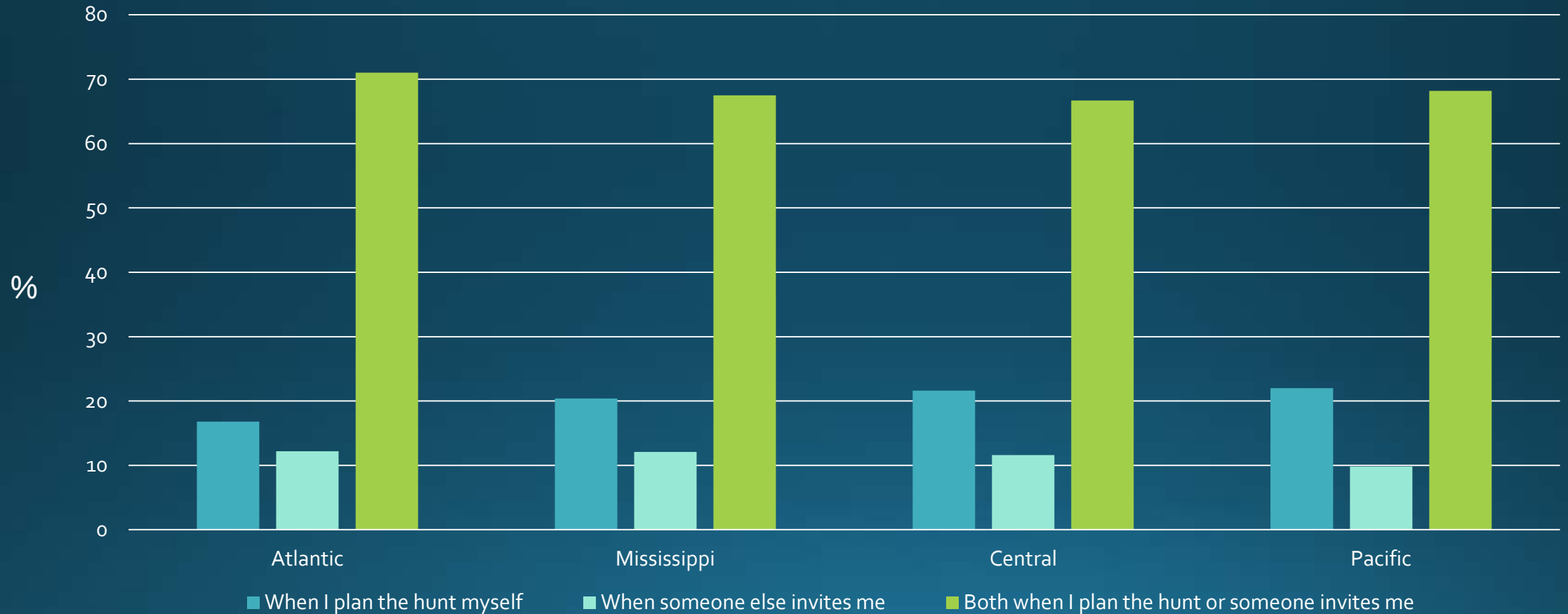
Birdwatcher



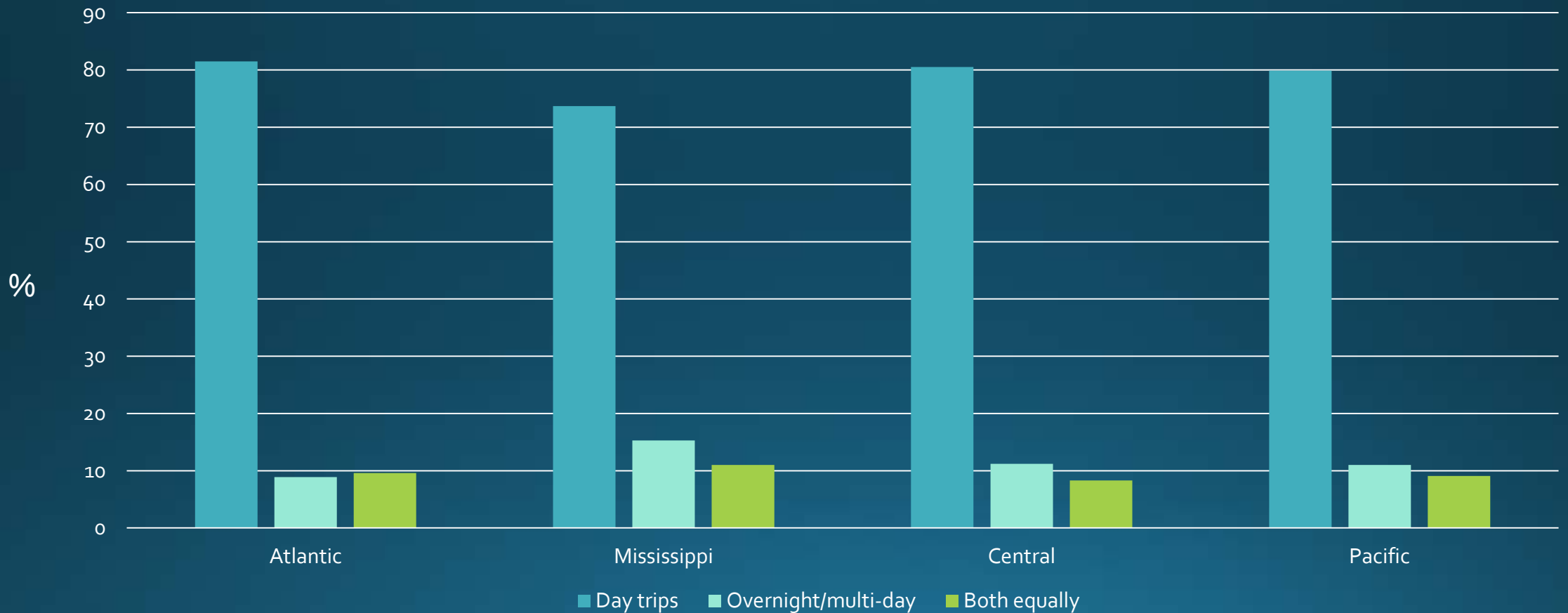
Conservationist



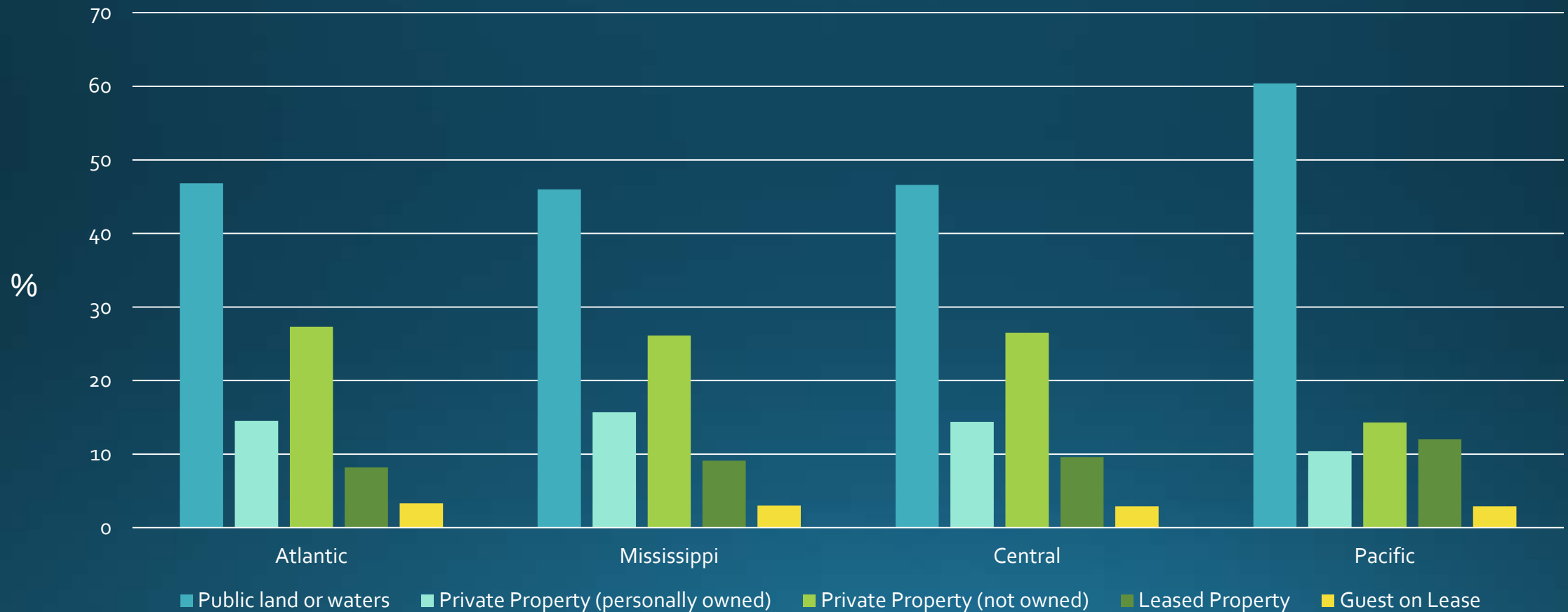
Under what circumstances do you typically go hunting?



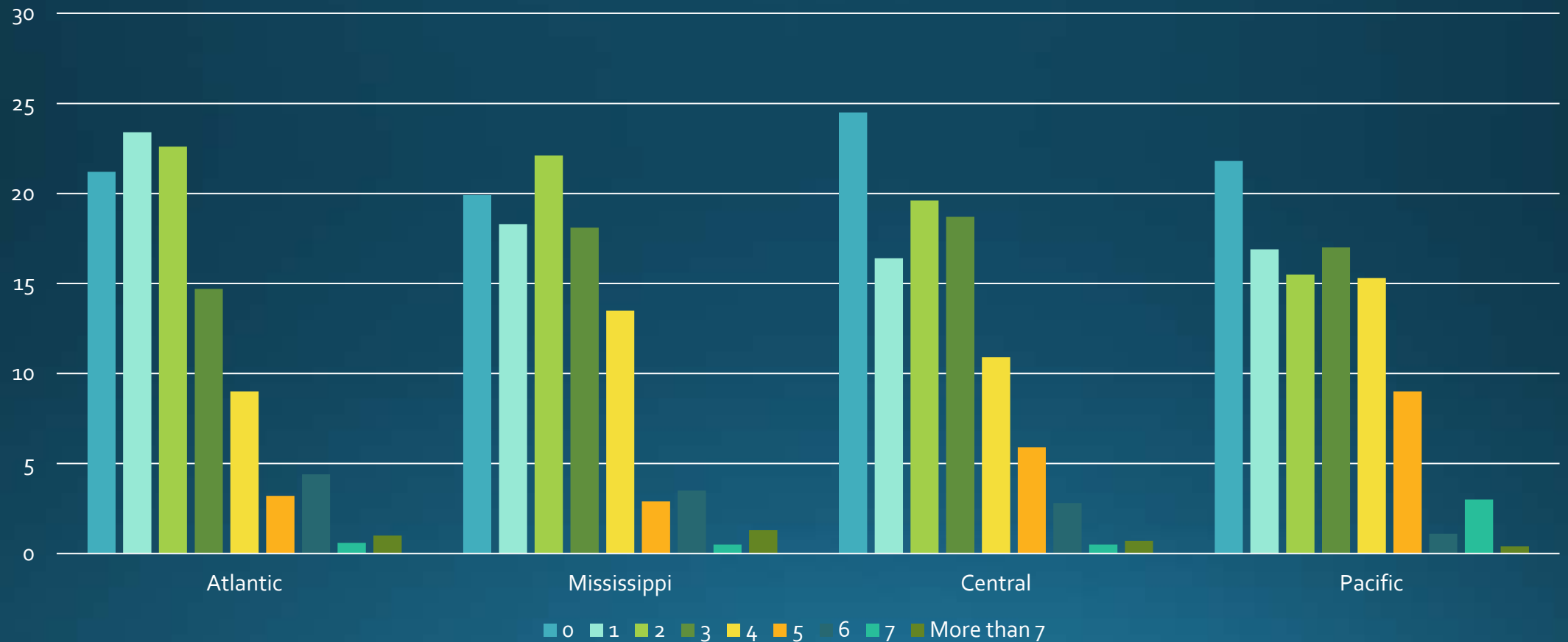
Do you primarily take day trips or overnight trips when you waterfowl hunt?



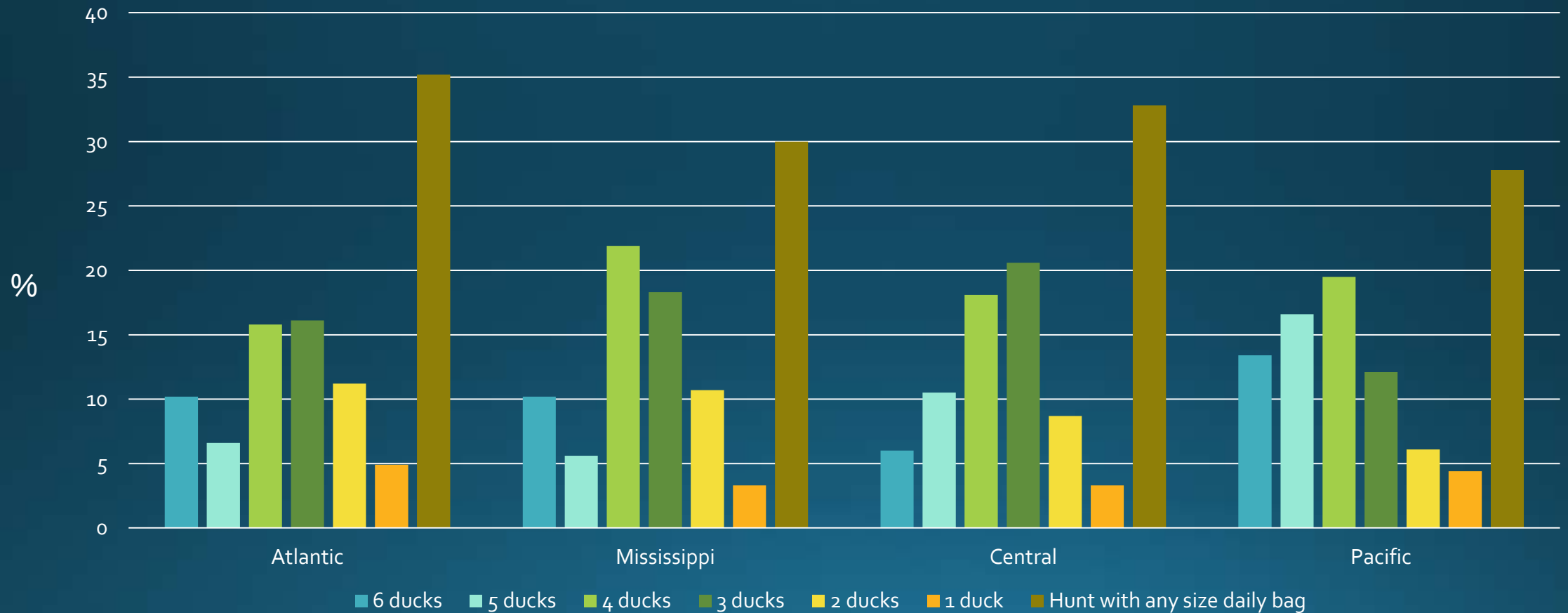
Where do you do most of your waterfowl hunting?



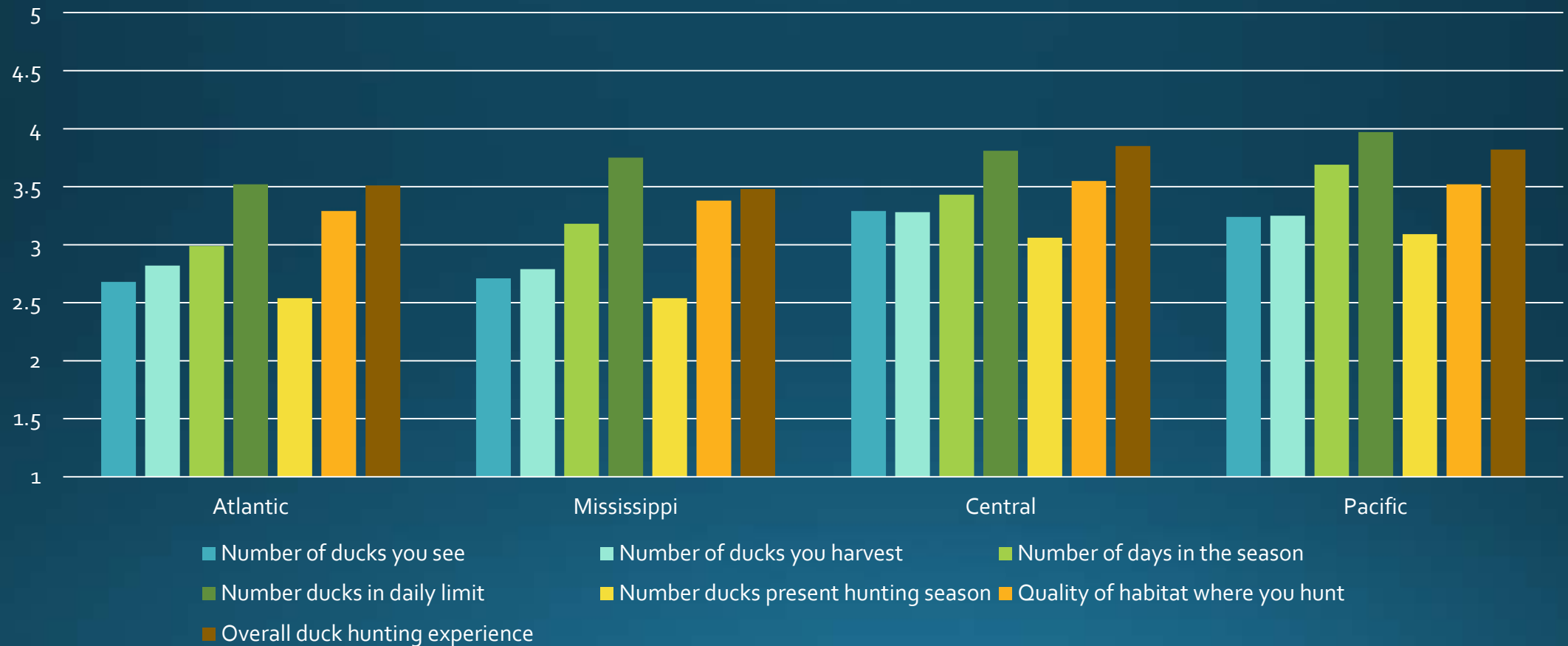
Minimum number of ducks you have to harvest in a day to feel satisfied?



Smallest daily bag limit you would accept before you would no longer hunt?

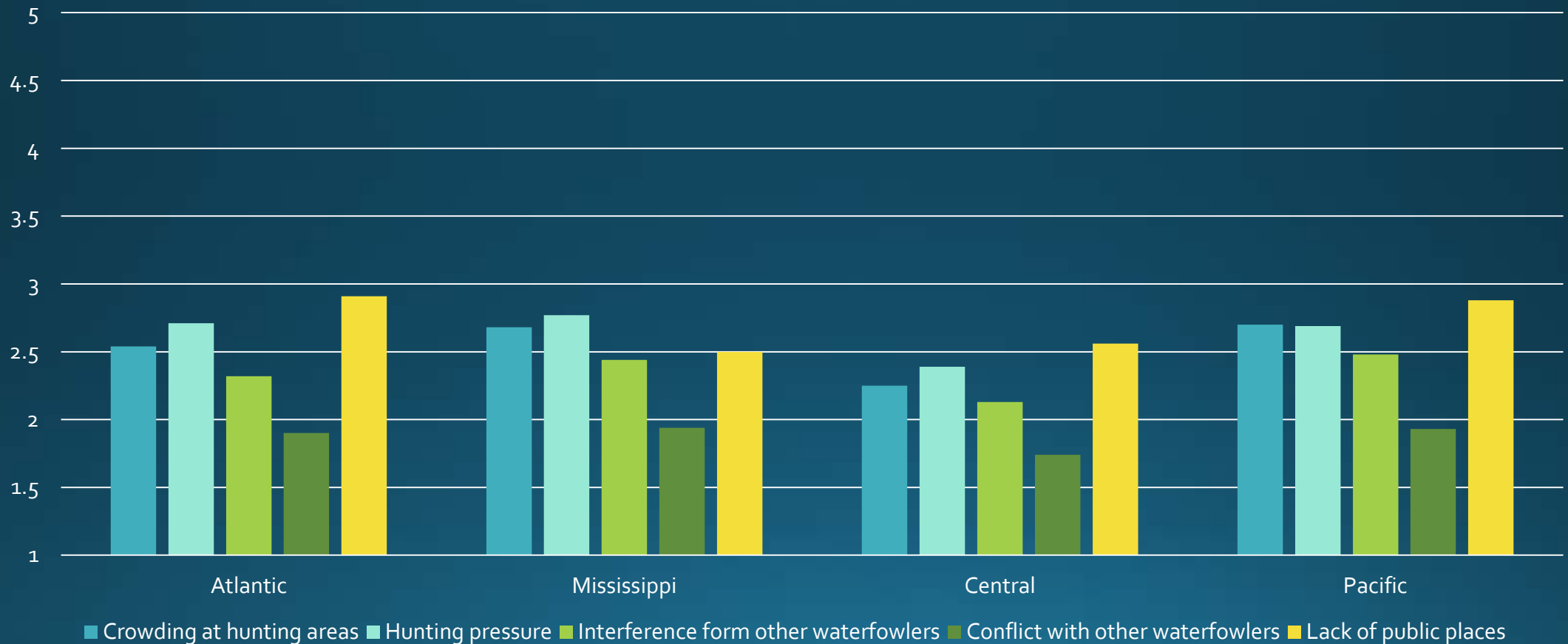


In the state you hunt ducks most often, how dissatisfied or satisfied are you with?



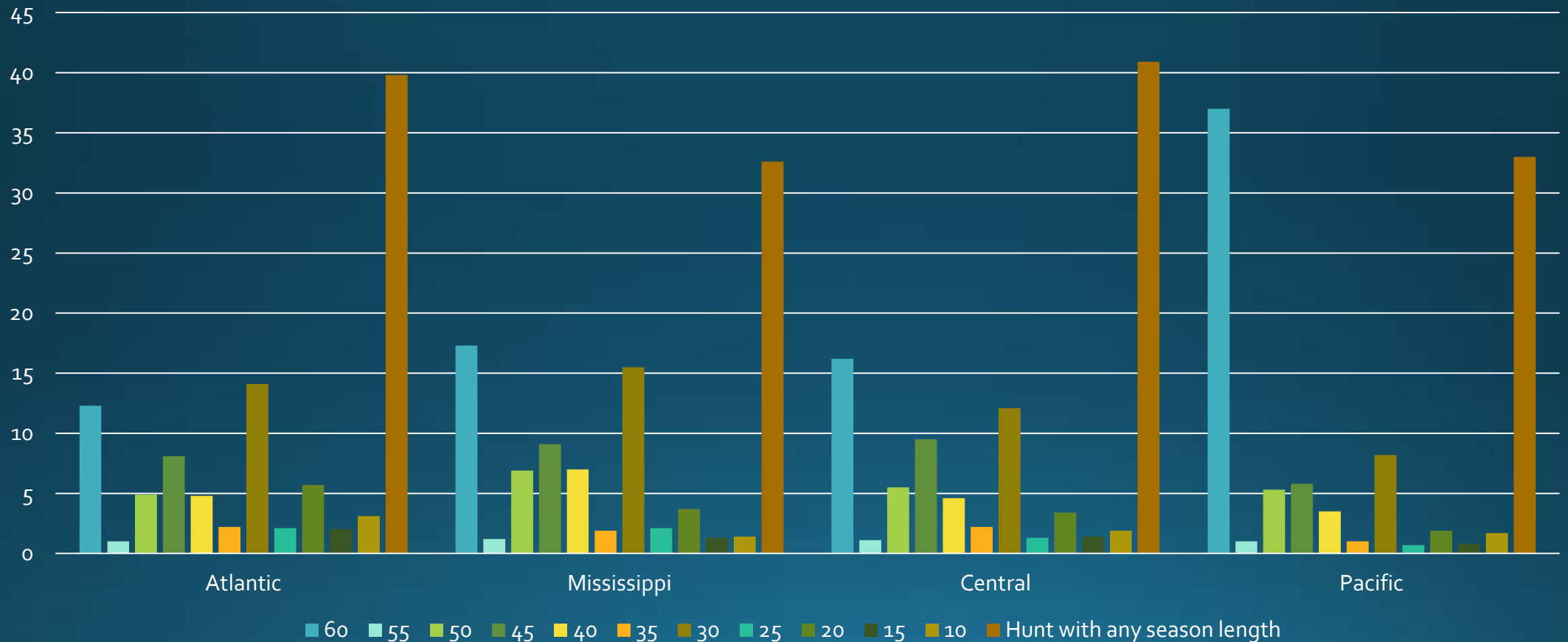
1 = Very dissatisfied 2 = Somewhat dissat. 3 = Neutral 4 = Somewhat Satis. 5 = Very satisfied

How much of a problem are the following in the state you hunt waterfowl the most?

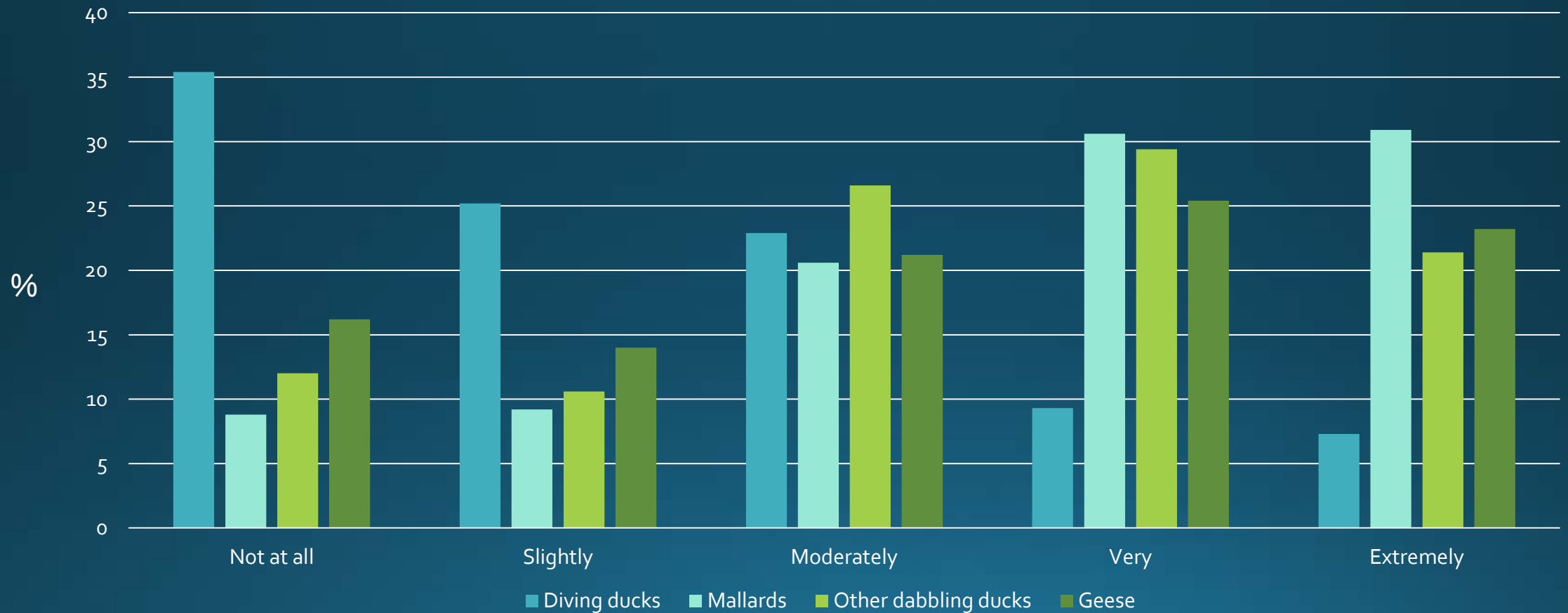


1 = Not at all 2 = Slight 3 = Moderate 4 = Severe 5 = Very severe

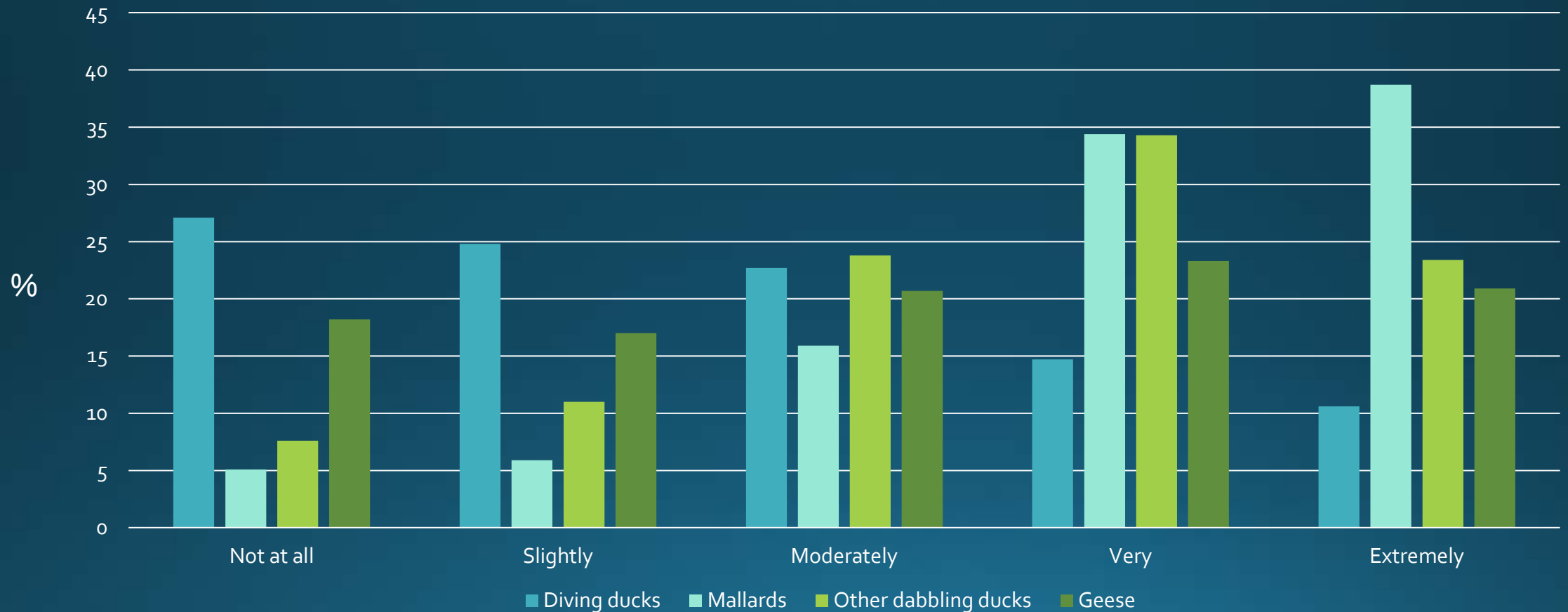
Minimum number of days in a waterfowl season you would accept before you would no longer hunt?



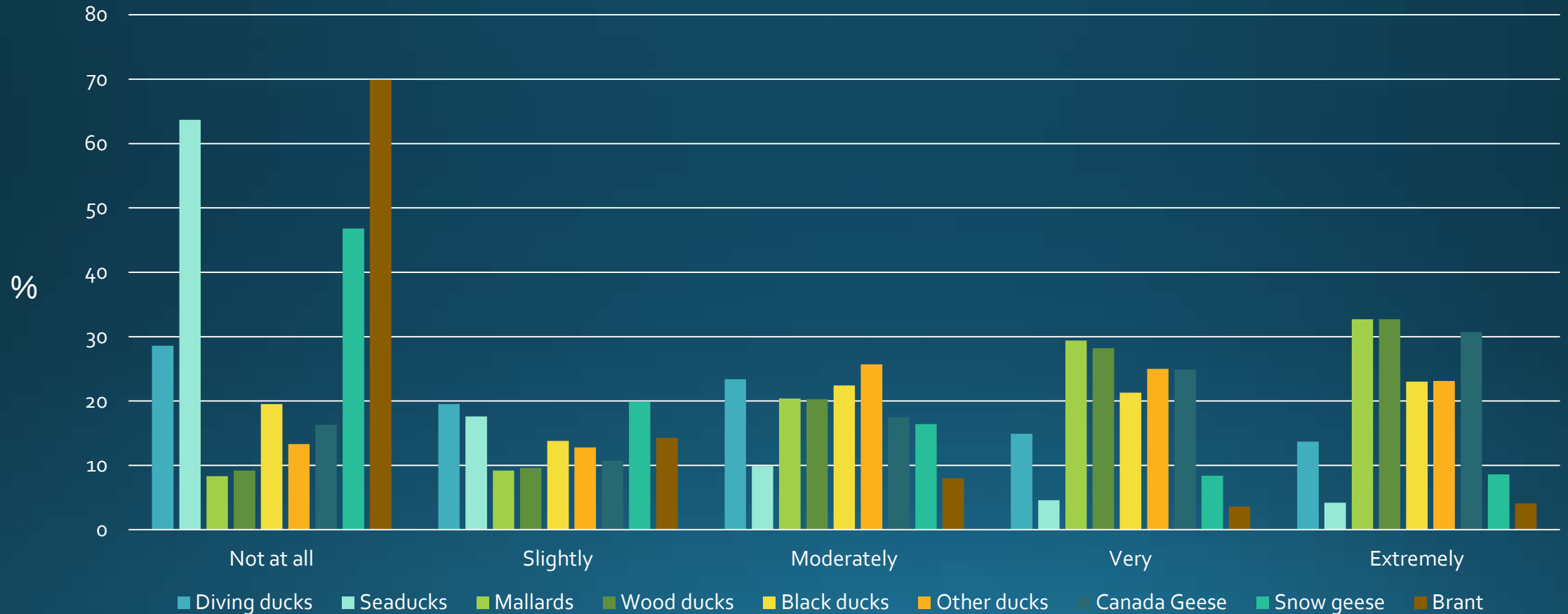
How important is it to you to hunt the following in the Central Flyway?



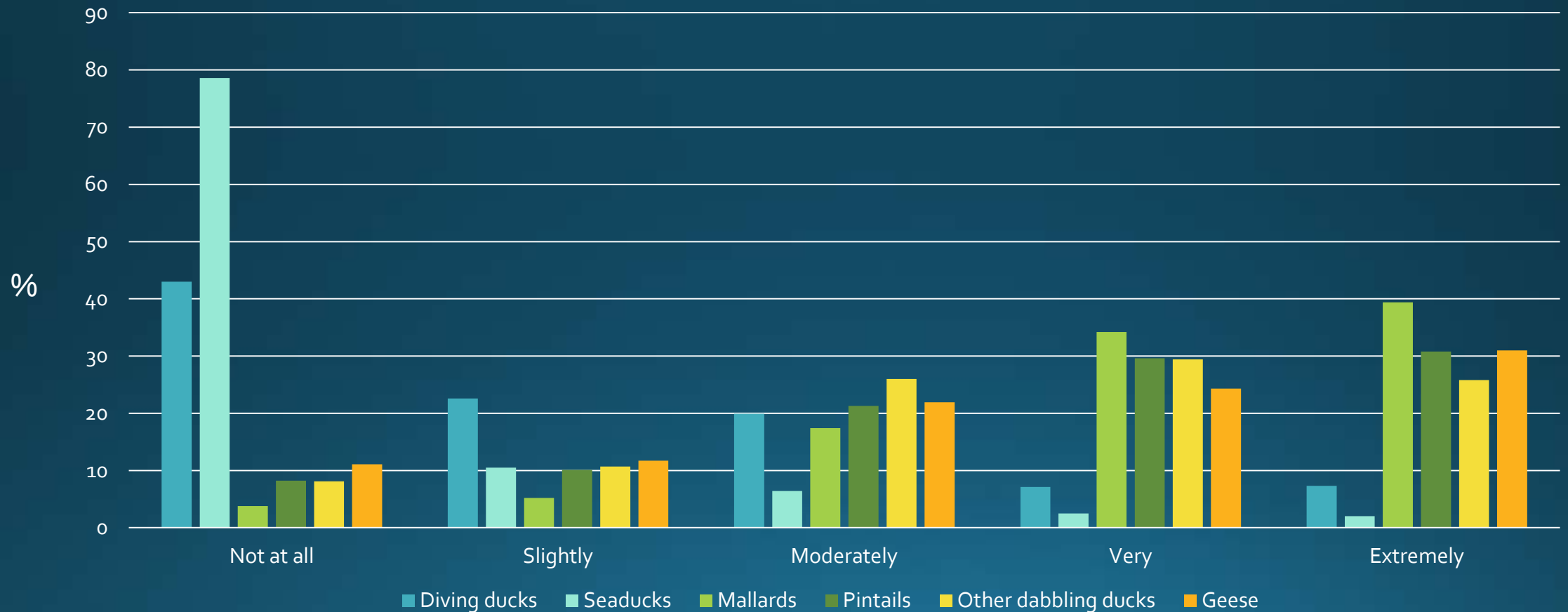
How important is it to you to hunt the following in the Mississippi Flyway?



How important is it to you to hunt the following in the Atlantic Flyway?



How important is it to you to hunt the following in the Pacific Flyway?



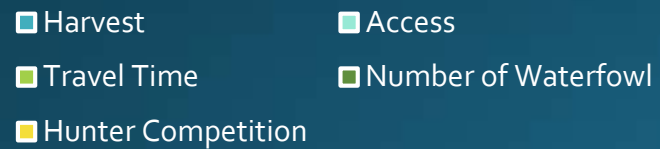
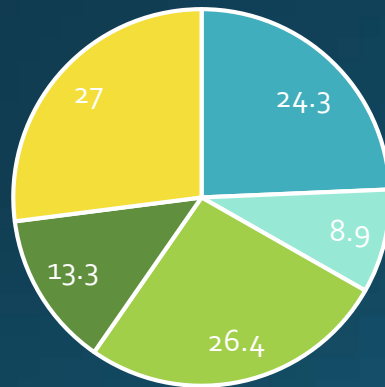
Discrete Choice Experiments Waterfowl Hunting Attributes and Levels

Attribute					
Harvest	1 bird	3 birds	6 birds		
Access	Easy	Moderate	Difficult		
Travel Time	30 mins	1 hour	2 hours	3 hours	4 hours
Number of waterfowl	25 or less	50	250	500	1000 or more
Competition	No competition	Low	Moderate	High	

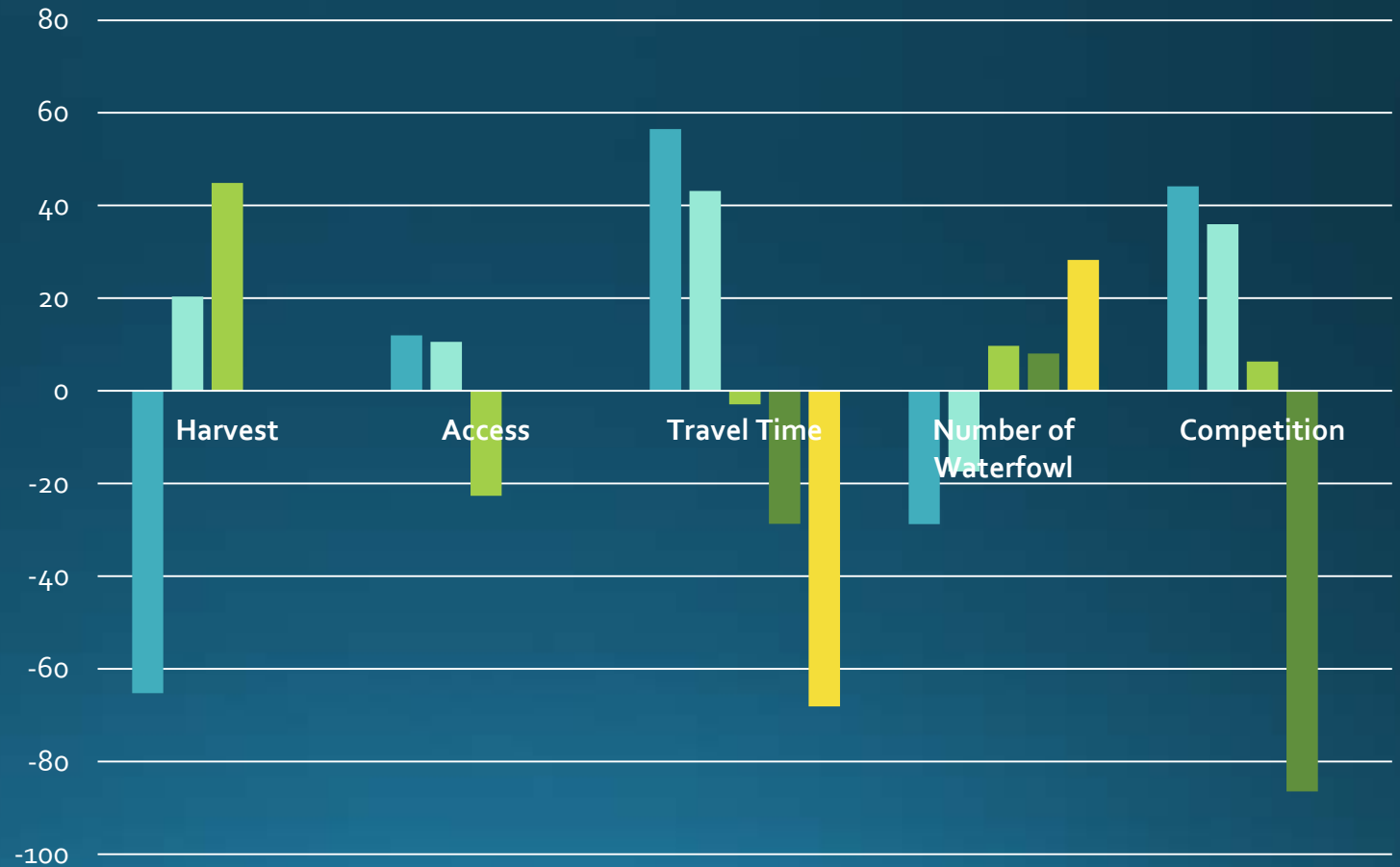
Choice Experiment HB results

Atlantic
n = 798

Importances



Utility (Zero-Centered)

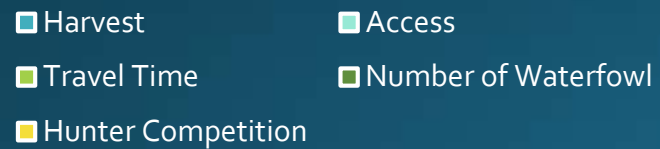
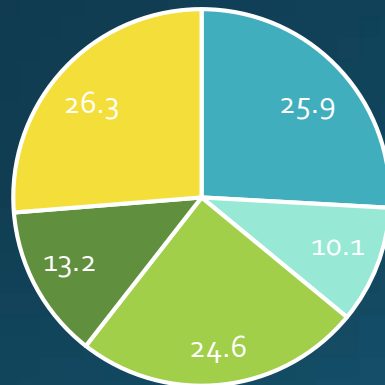


Choice Experiment HB results

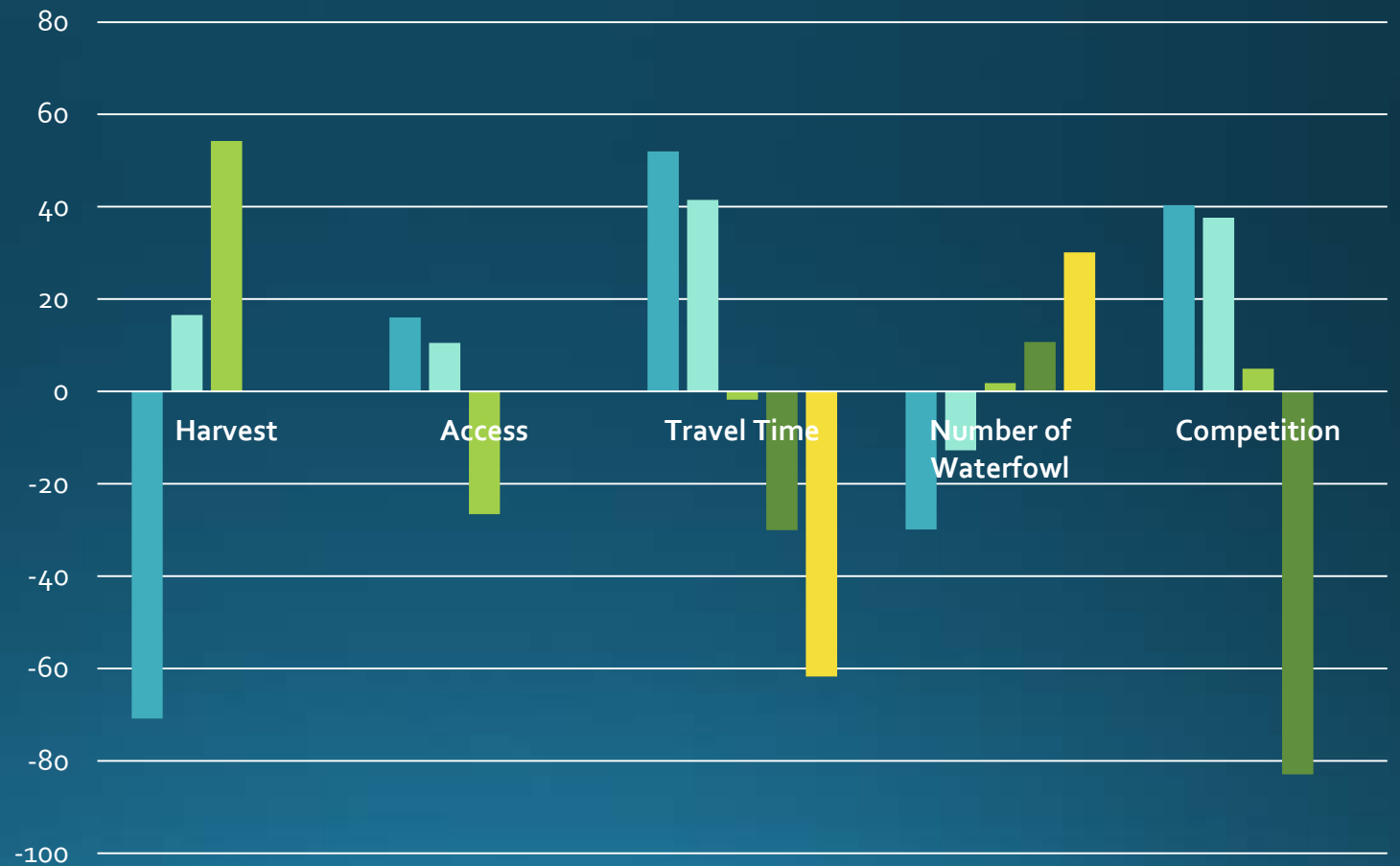
Mississippi

n = 871

Importances



Utility (Zero-Centered)

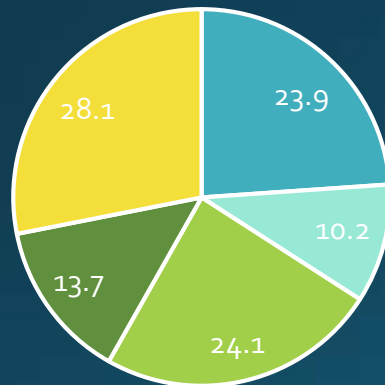


Choice Experiment HB results

Central

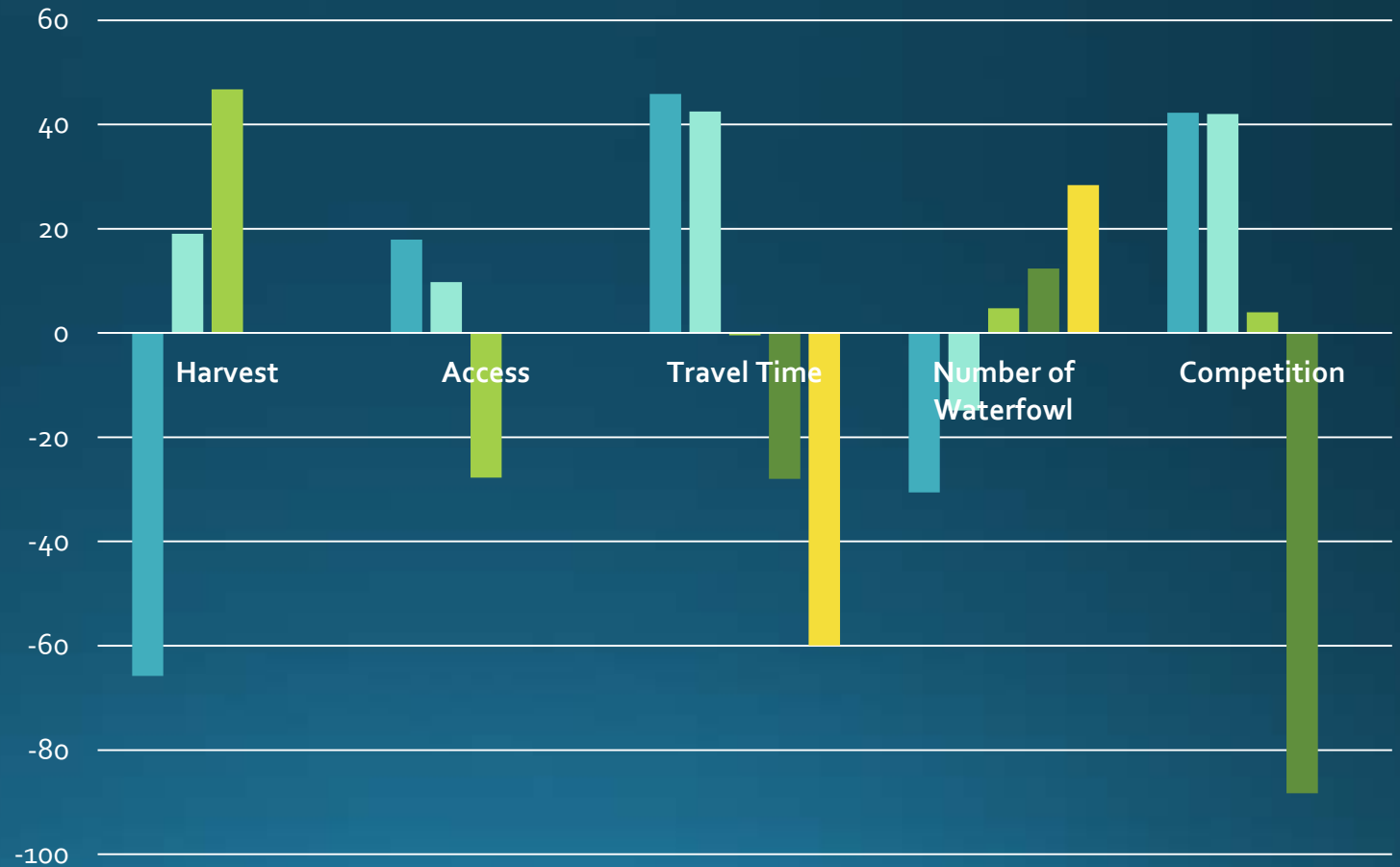
n = 857

Importances



■ Harvest
■ Access
■ Travel Time
■ Number of Waterfowl
■ Hunter Competition

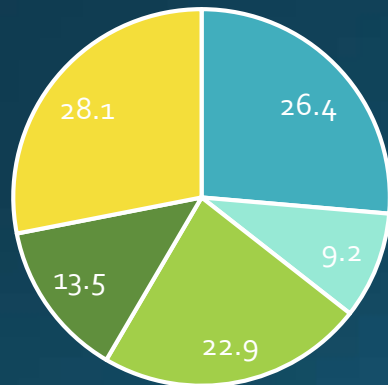
Utility (Zero-Centered)



Choice Experiment HB results

Pacific
n = 804

Importances

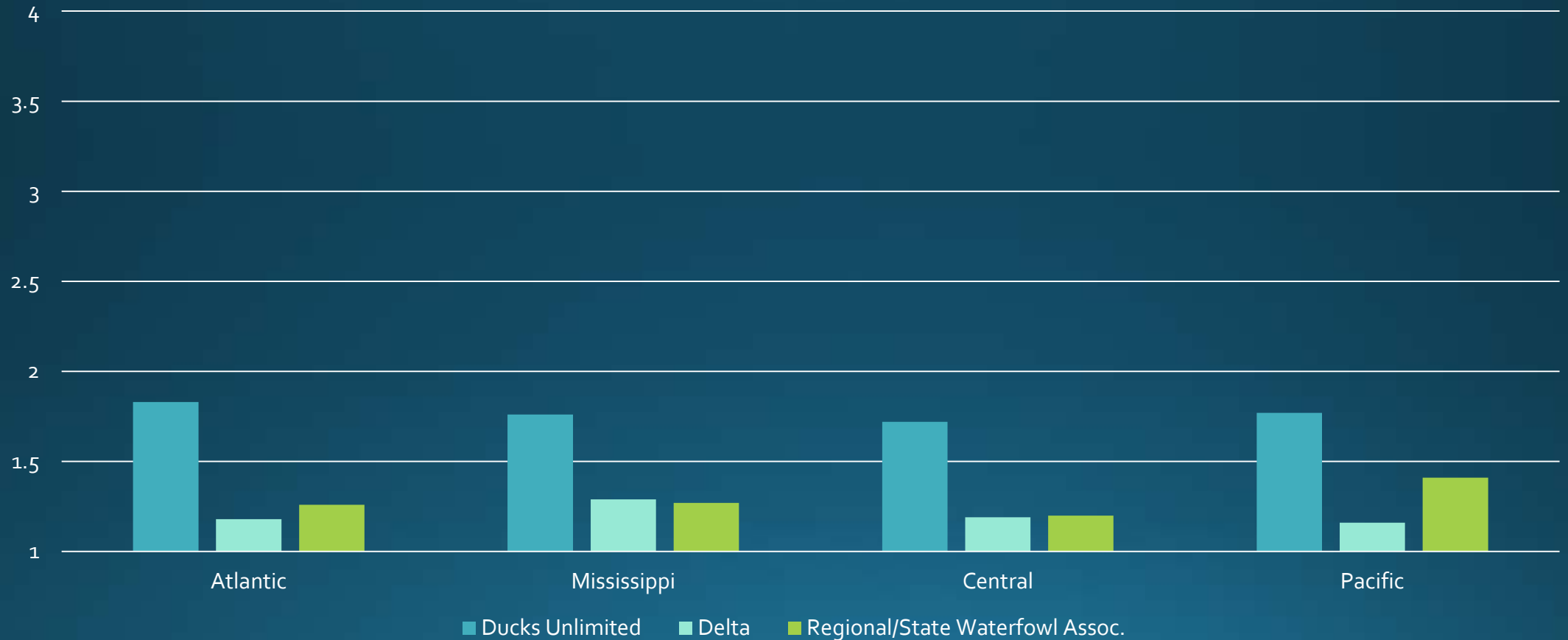


■ Harvest
■ Access
■ Travel Time
■ Number of Waterfowl
■ Hunter Competition

Utility (Zero-Centered)

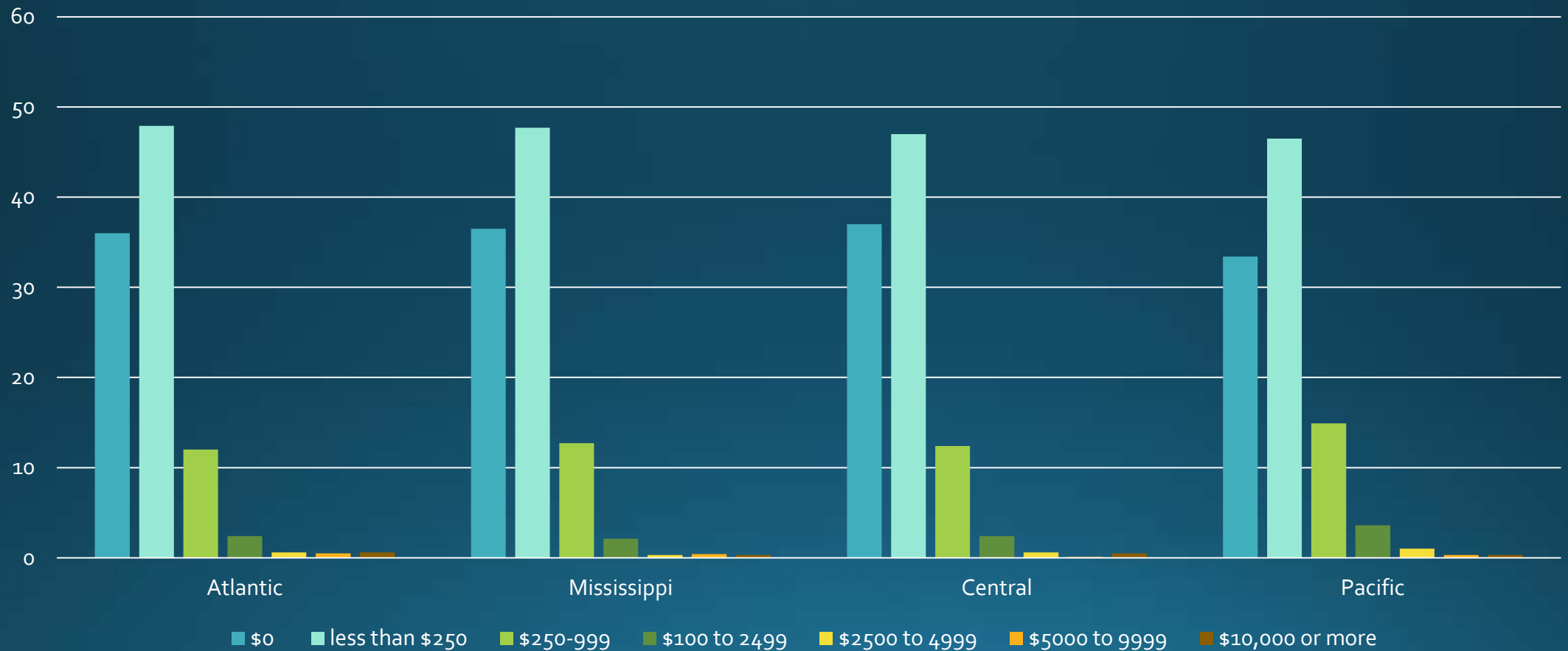


Indicate your level of involvement with the following organizations in the past 12 months...



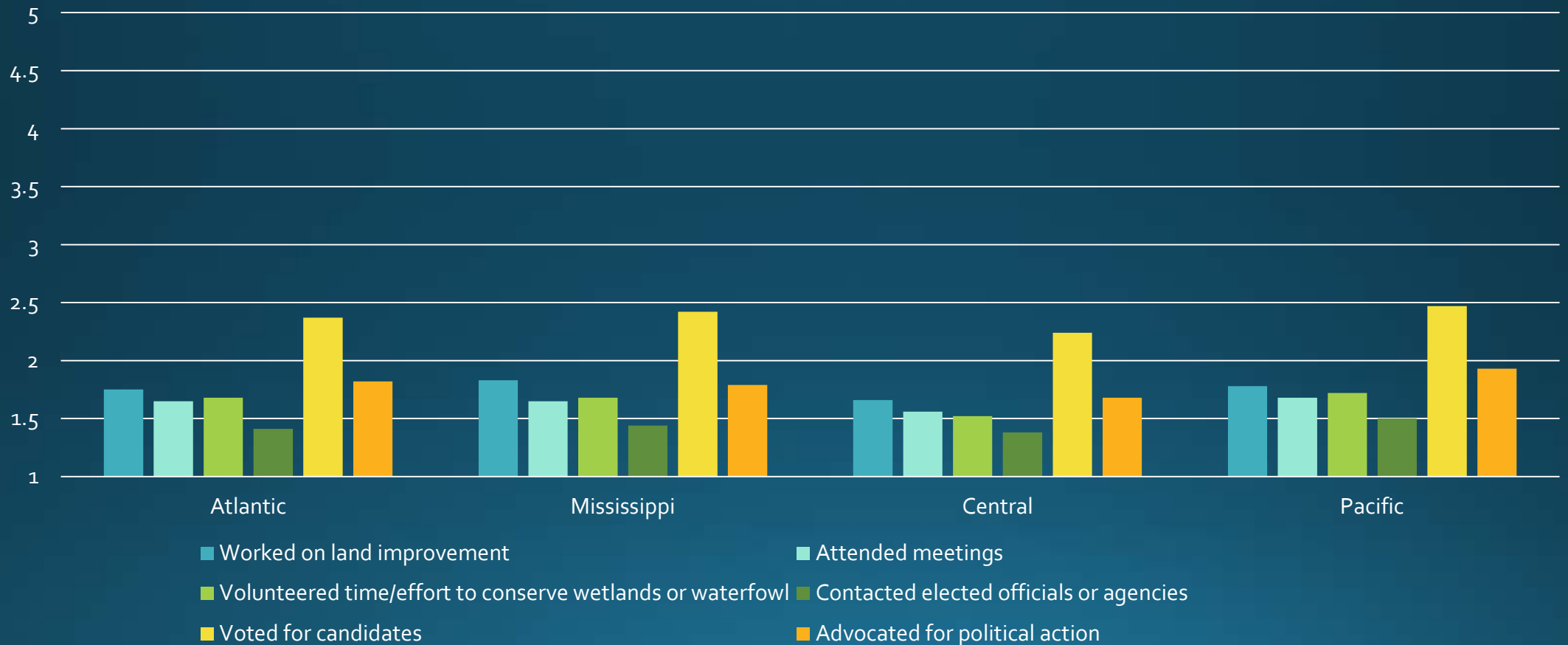
1 = No Involvement 4 = High Involvement

How much money personally donated to wetland and/or waterfowl conservation?



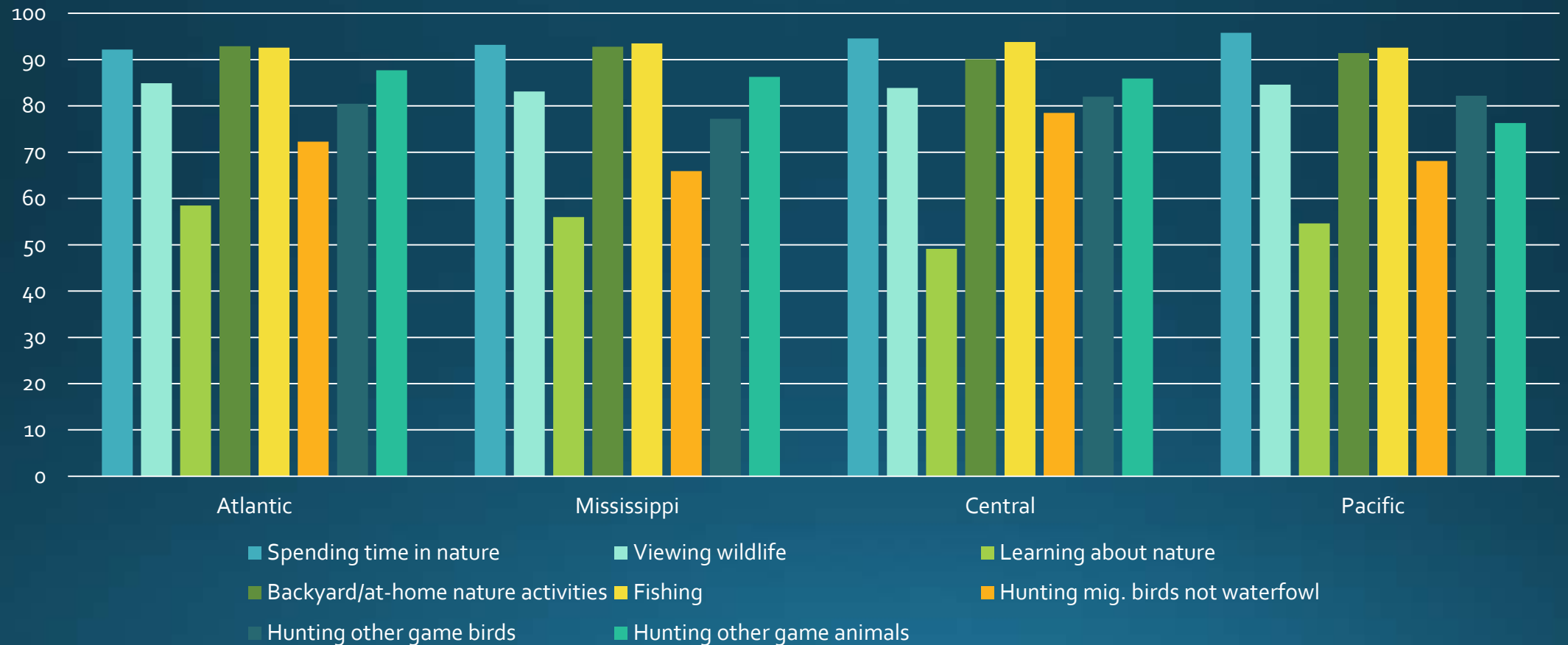
%Yes

Level of involvement in the following wetlands or waterfowl conservation activities last 12 months?



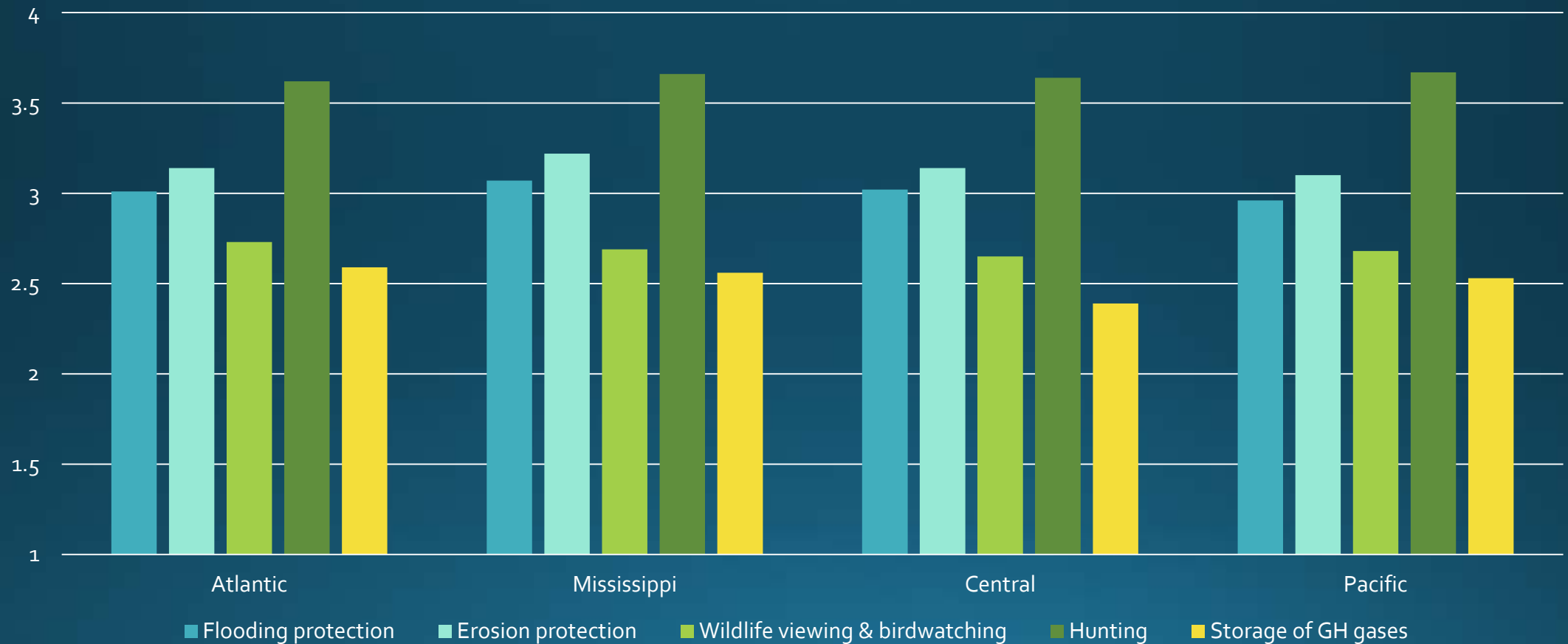
1 = Never 5 = Very Often

Participation in nature-based activities?



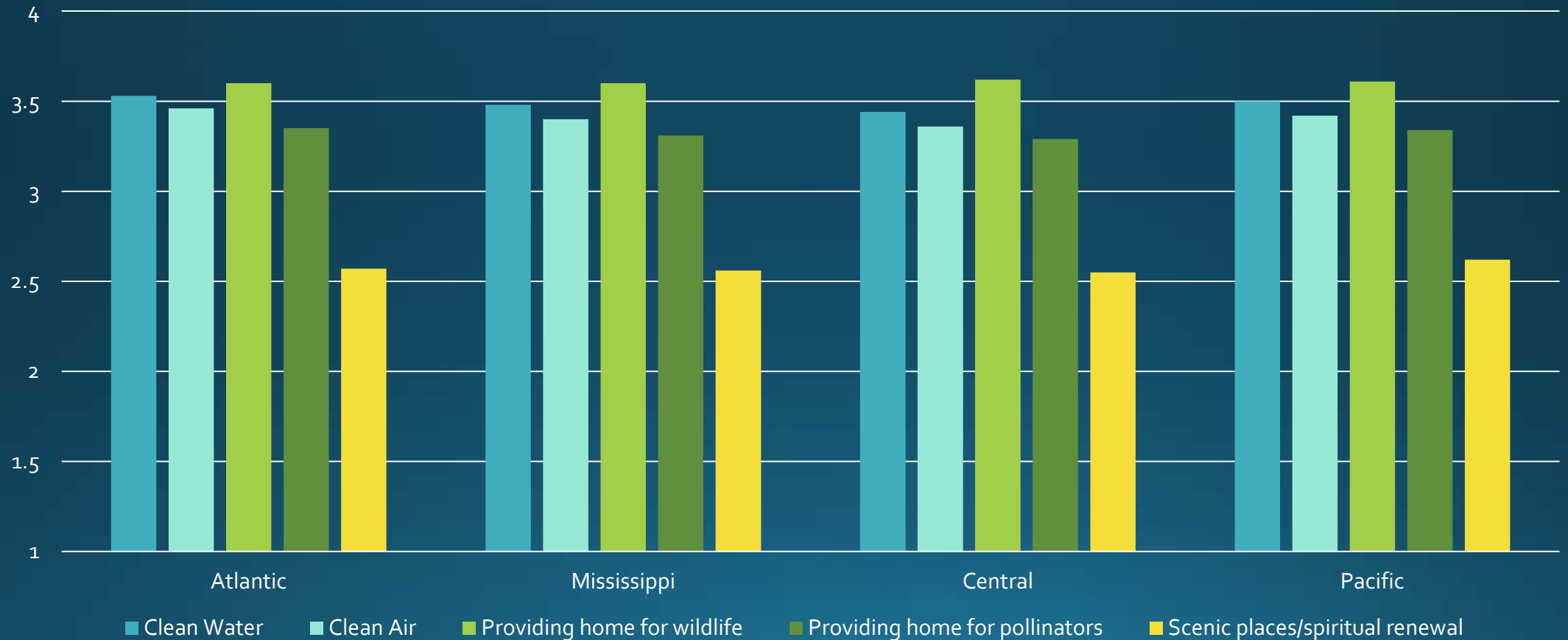
1 = Never 5 = Very Often

How concerned would you be if the following wetland benefits were reduced in your community due to the loss of wetlands?



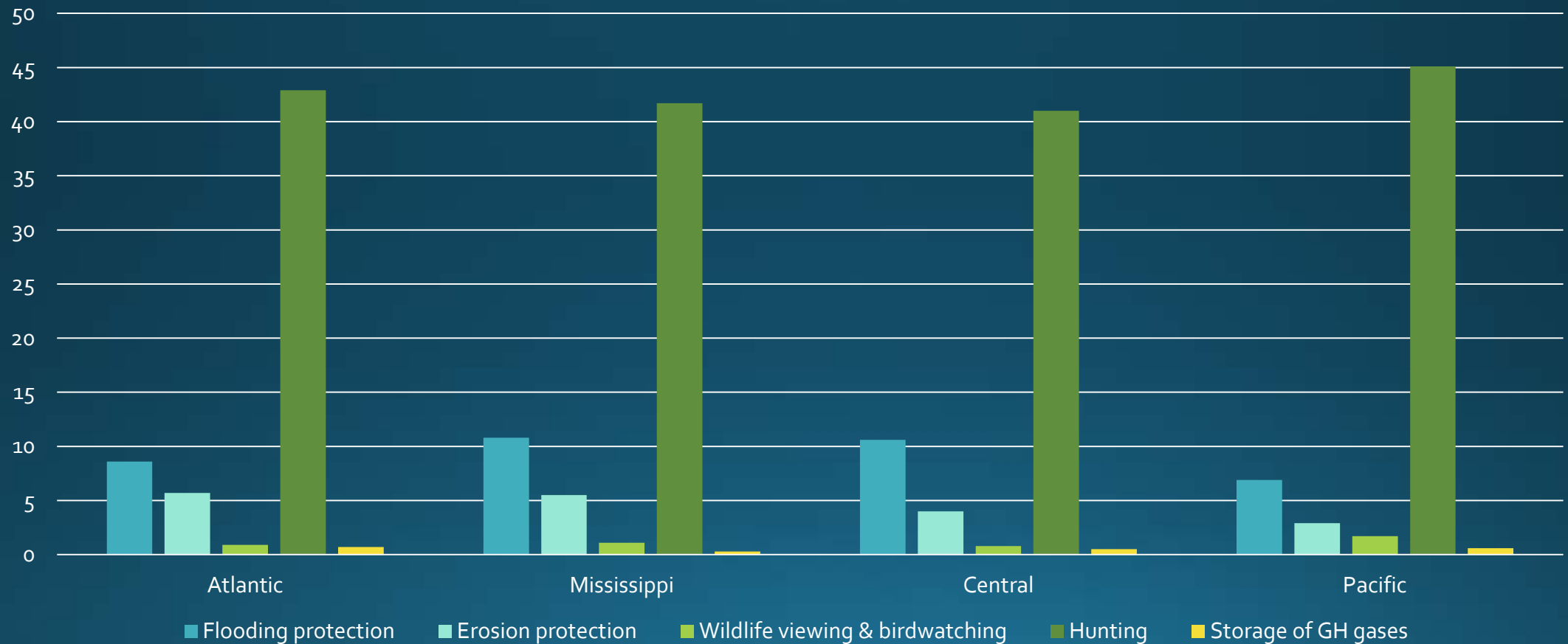
1 = Not at all concerned 4 = Very concerned

How concerned would you be if the following wetland benefits were reduced in your community due to the loss of wetlands?



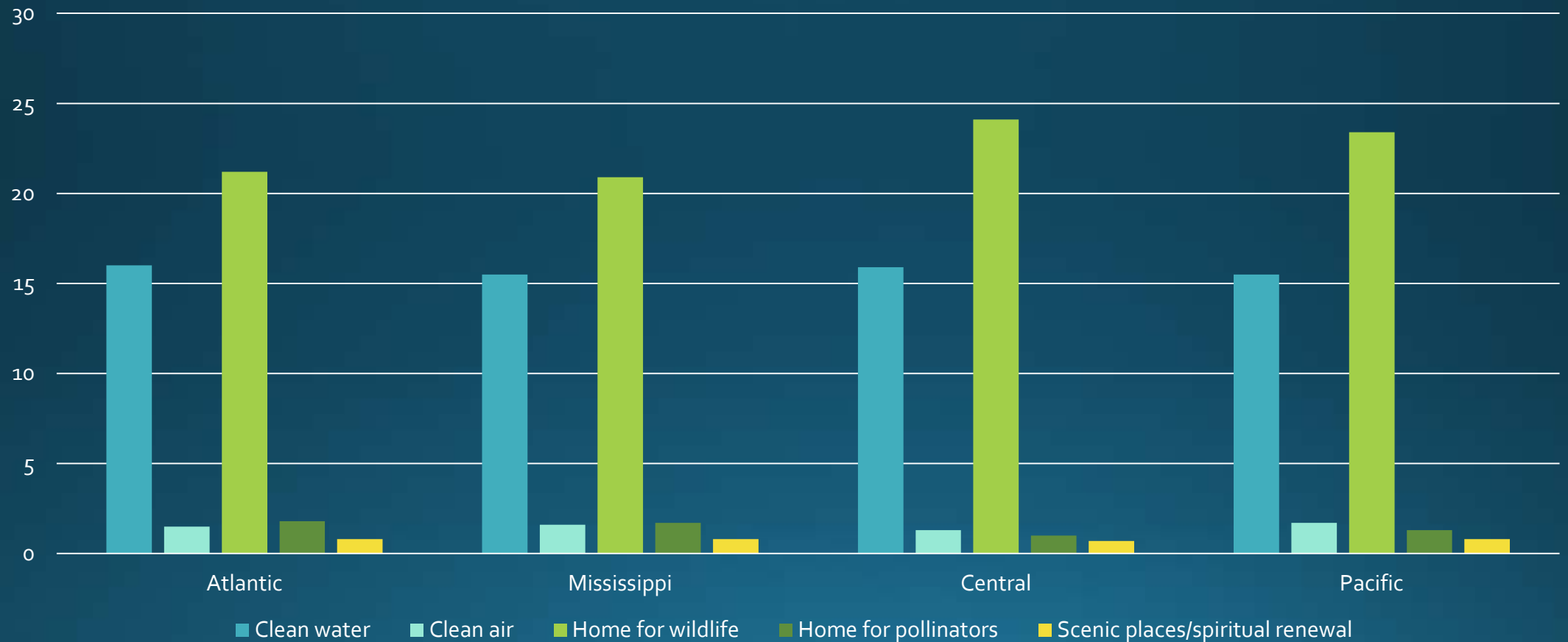
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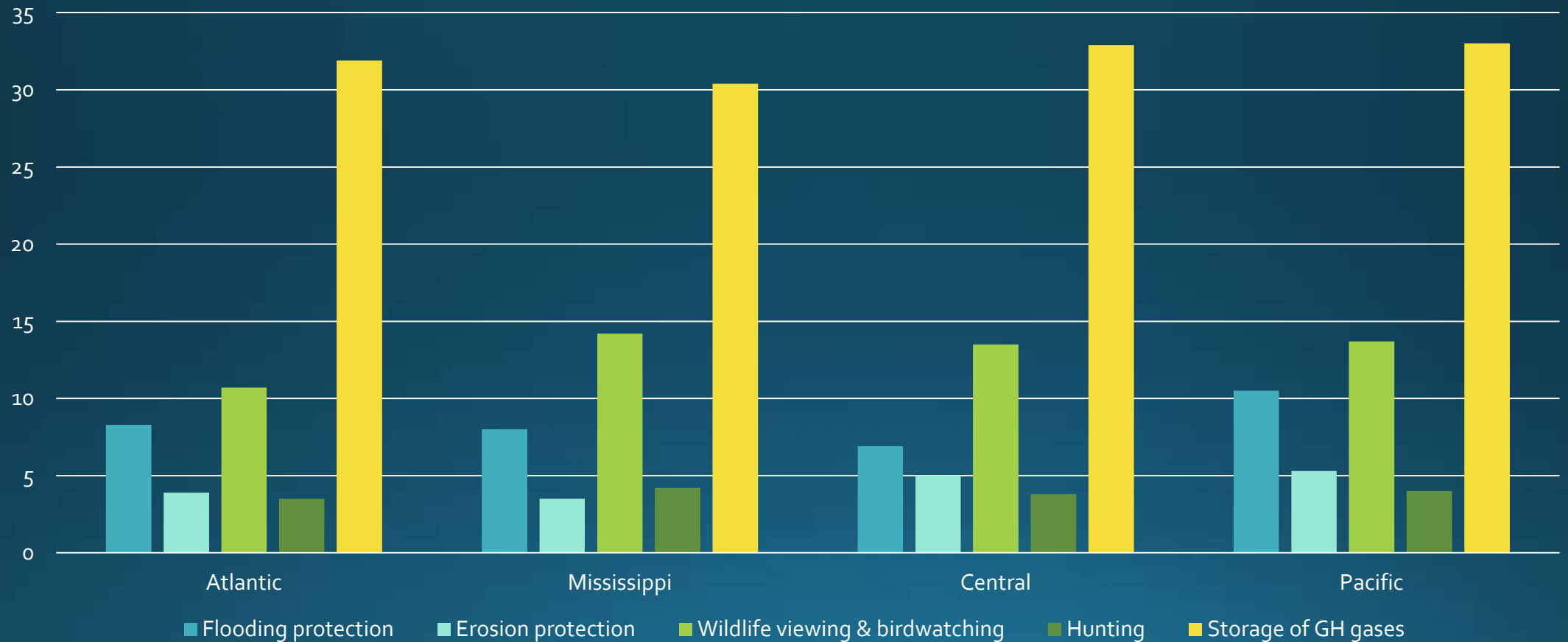
% Most concerned

How concerned would you be if the following wetland benefits were reduced in your community due to the loss of wetlands?



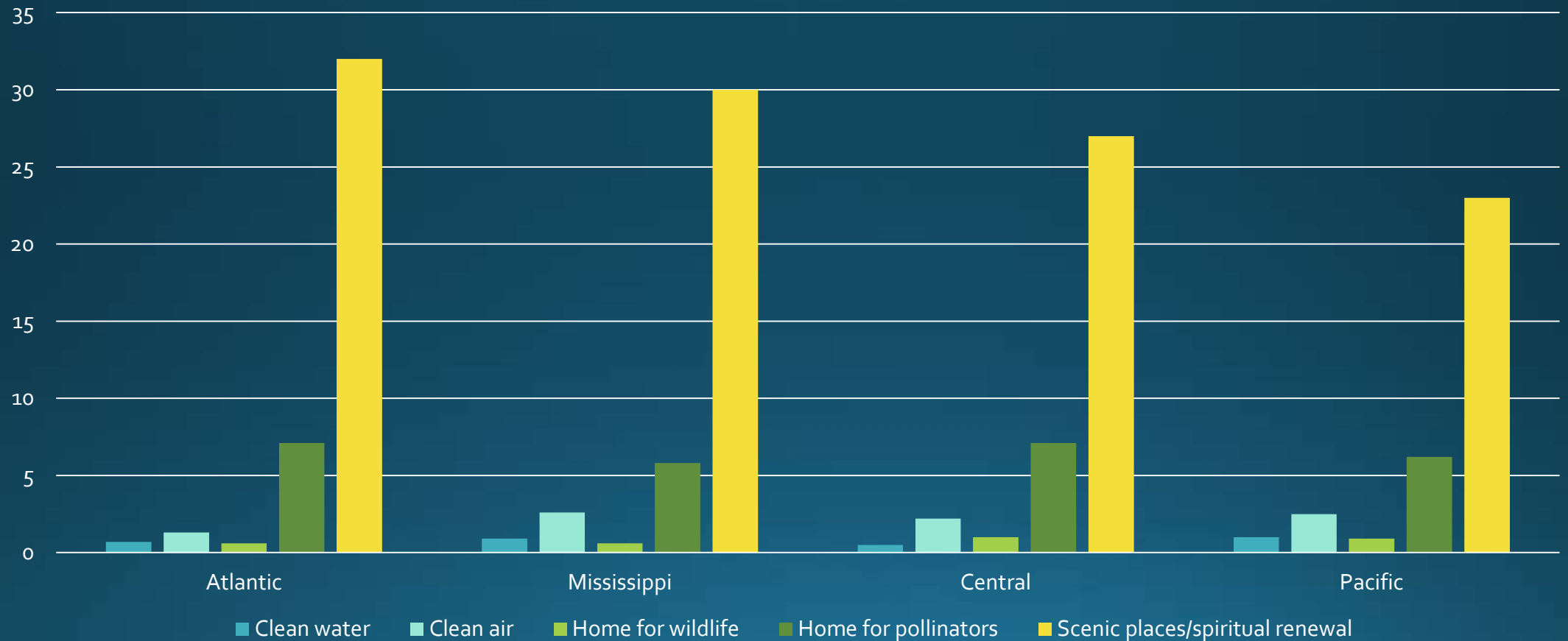
% most concerned

How concerned would you be if the following wetland benefits were reduced in your community due to the loss of wetlands?



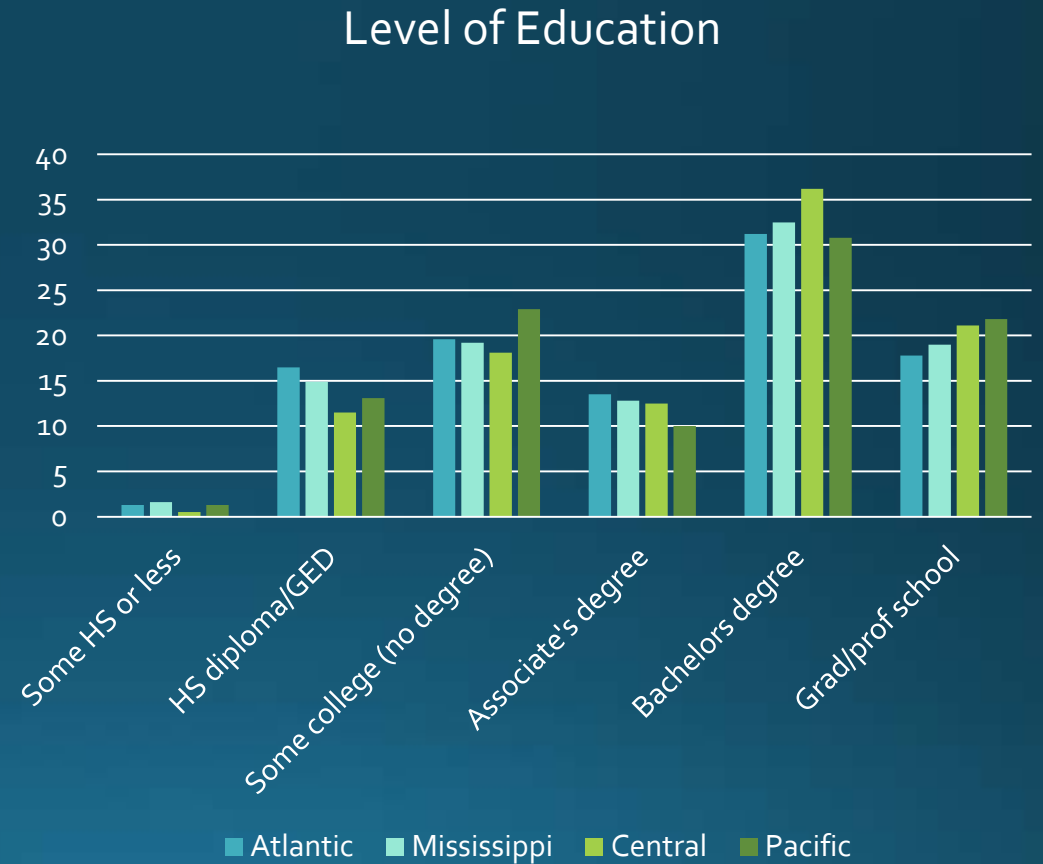
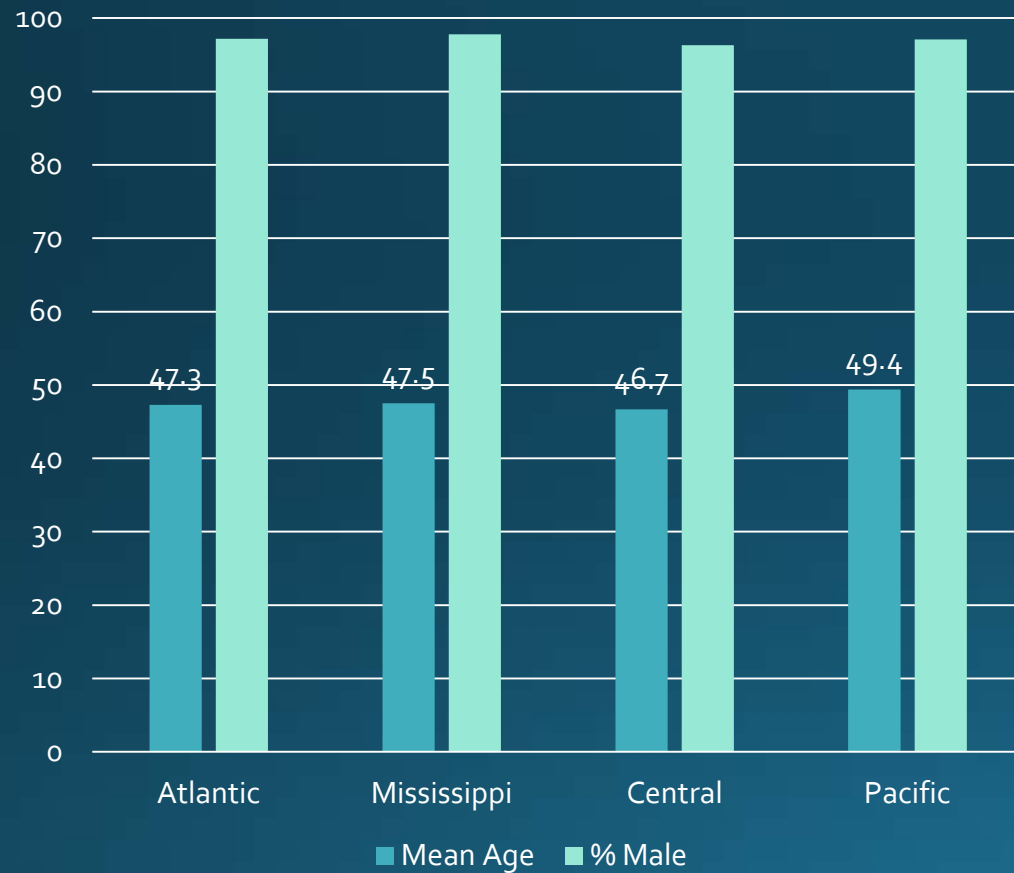
% Least concerned

How concerned would you be if the following wetland benefits were reduced in your community due to the loss of wetlands?

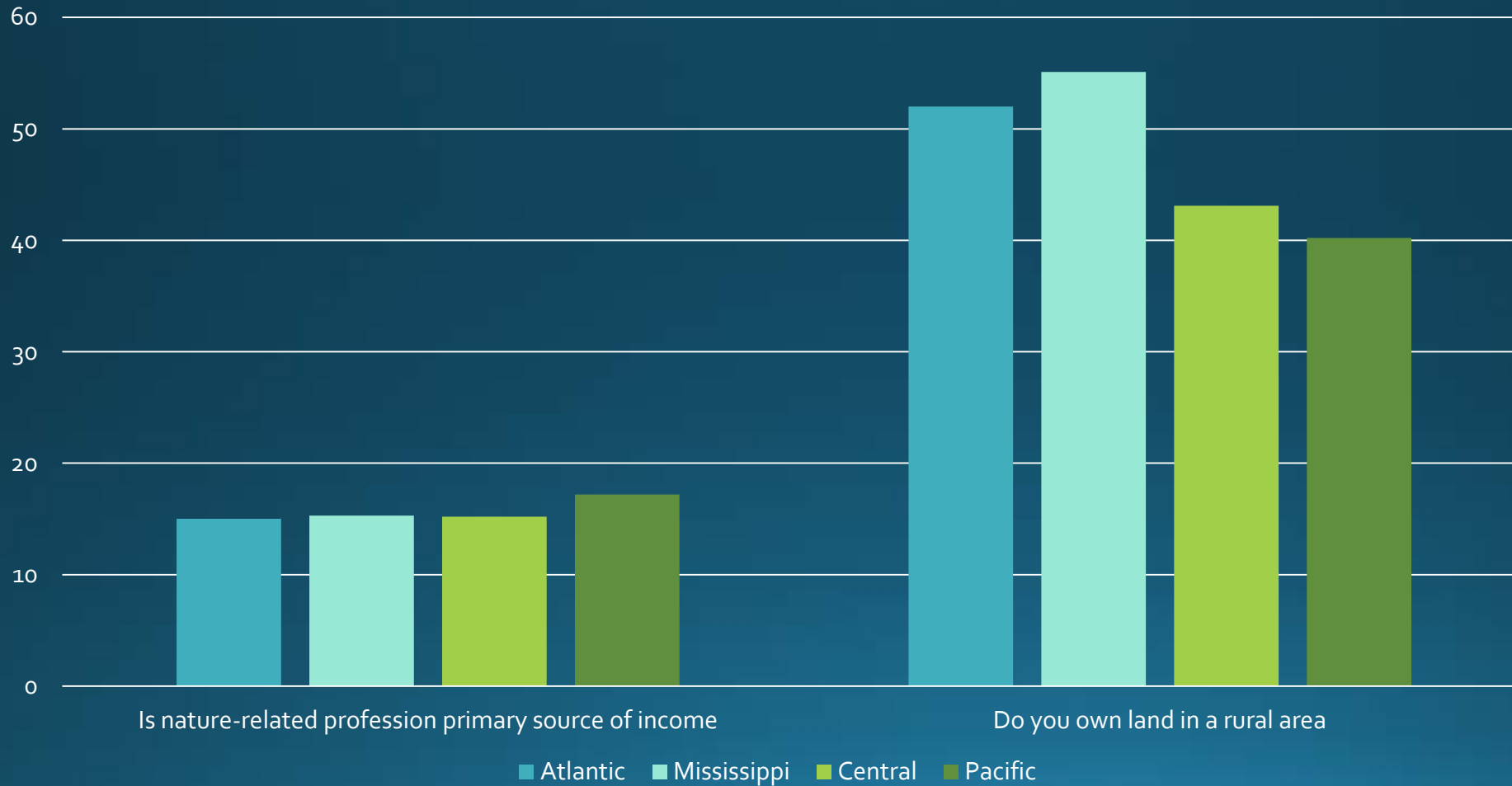


% least concerned

Demographics

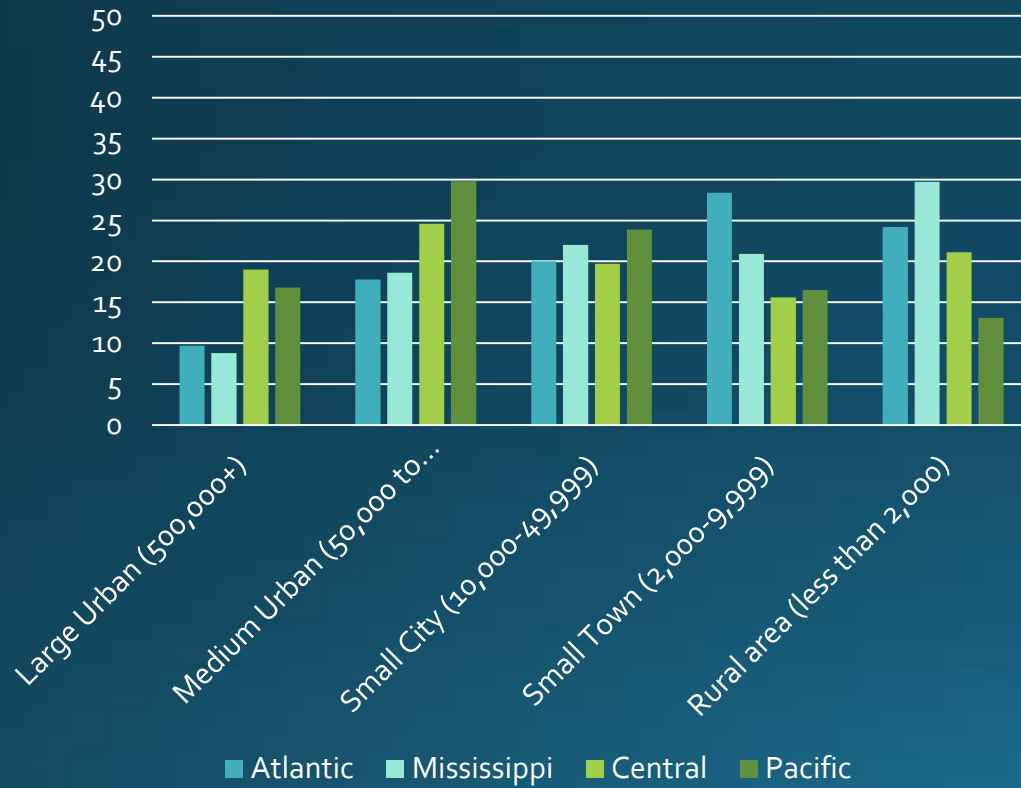


Demographics

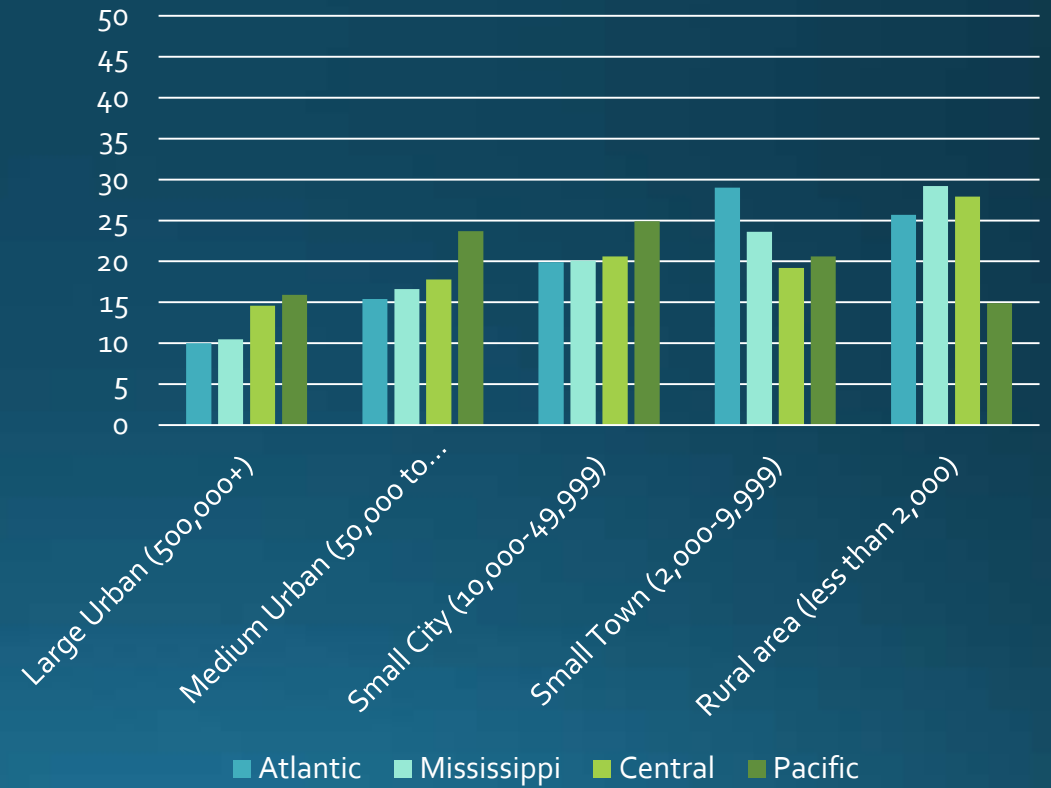


Demographics

Live Now



Grew Up



Demographics

