

# 2012 Lake Mohave General Fish Survey Results



# Cooperators

- Arizona Game and Fish Department
- Nevada Department of Wildlife
- National Park Service–Lake Mead National Recreation Area
- U S Bureau of Reclamation
- U S Fish and Wildlife Service
- Others I'm sure I've missed
- **THANK YOU!**

# Arizona Protocol for Fisheries Management 2003

Lake stratified into thirds

- ❖ 50 randomly selected netting sites
  - ◀▶▶▶ ↷ Typically 20 sites on lower section, 20 on the middle section and 10 on the upper section.
  - Lower: mile 0–11.75 Davis Dam to Clam Cove
  - Middle: mile 11.75–30 Clam Cove to Twin Cove
  - Upper: mile 30–63 Twin Cove to Hoover Dam

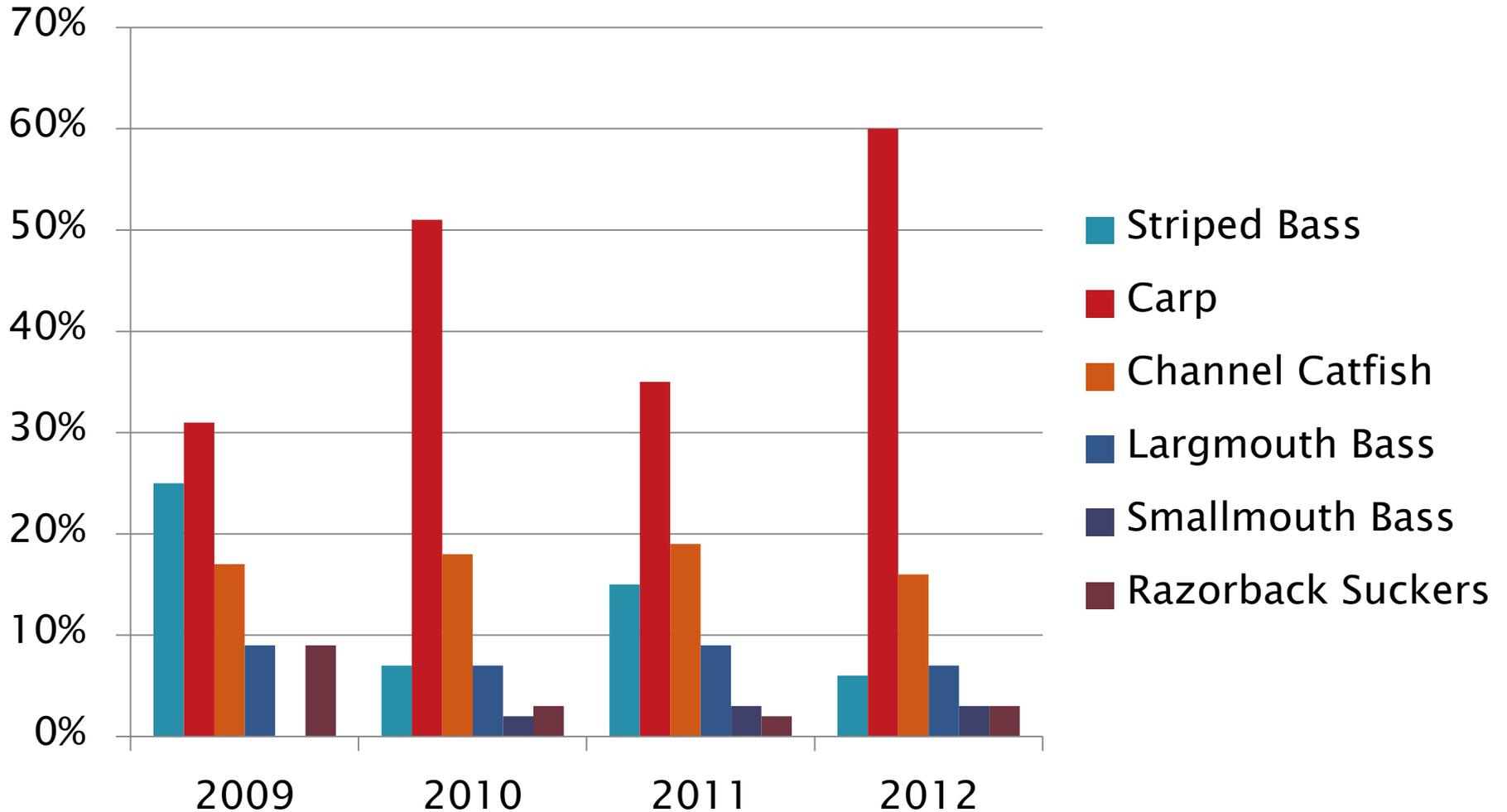
150 ft  
Experimental  
gillnets



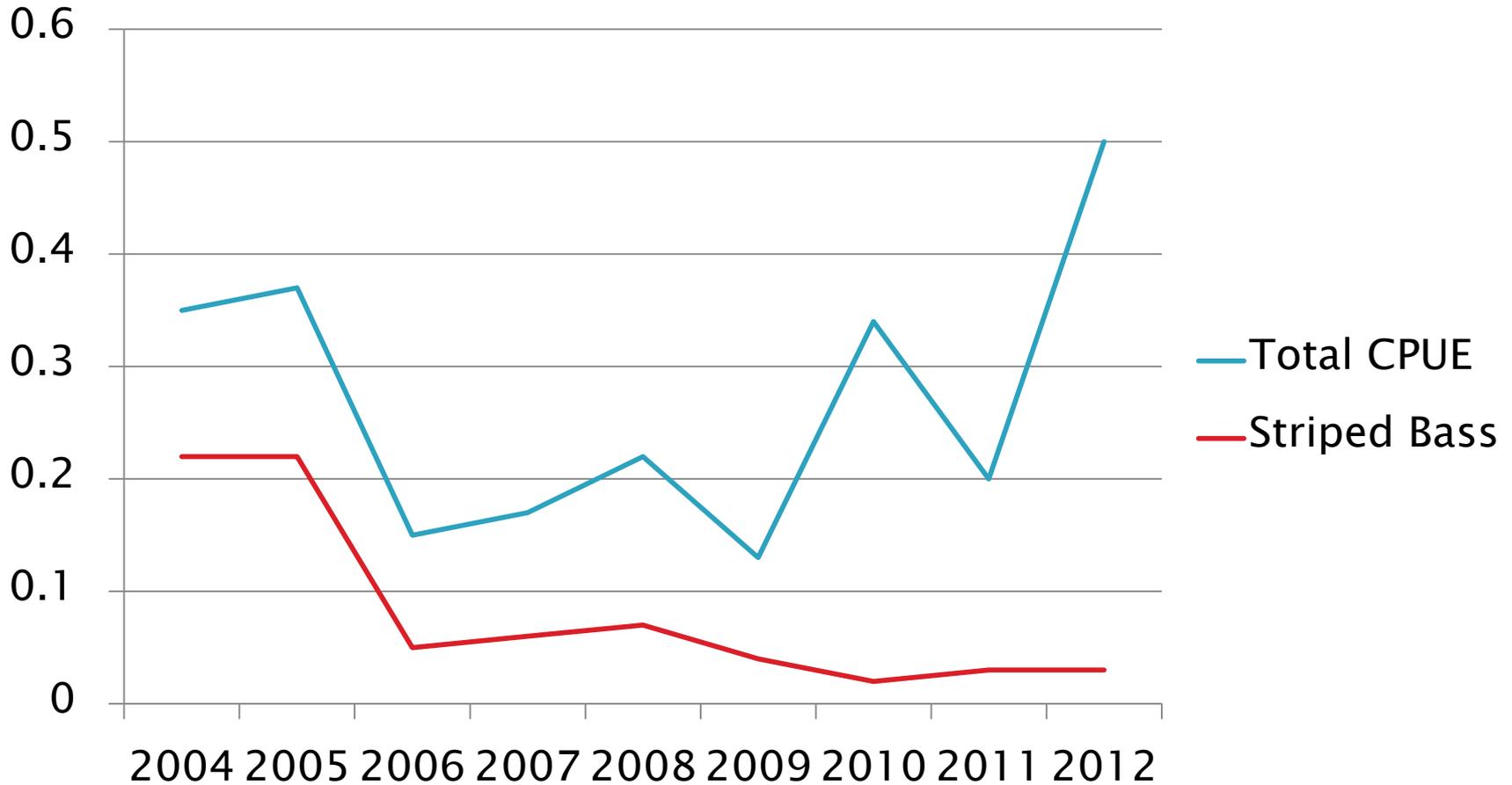
# Comparison of the average Spring Netting Effort from 2004–2011 to 2012 Effort

- ▶ 2004–2011 = 774 net hours
- ▶ 2012 = 770 net hours

# Species composition by percentage of catch



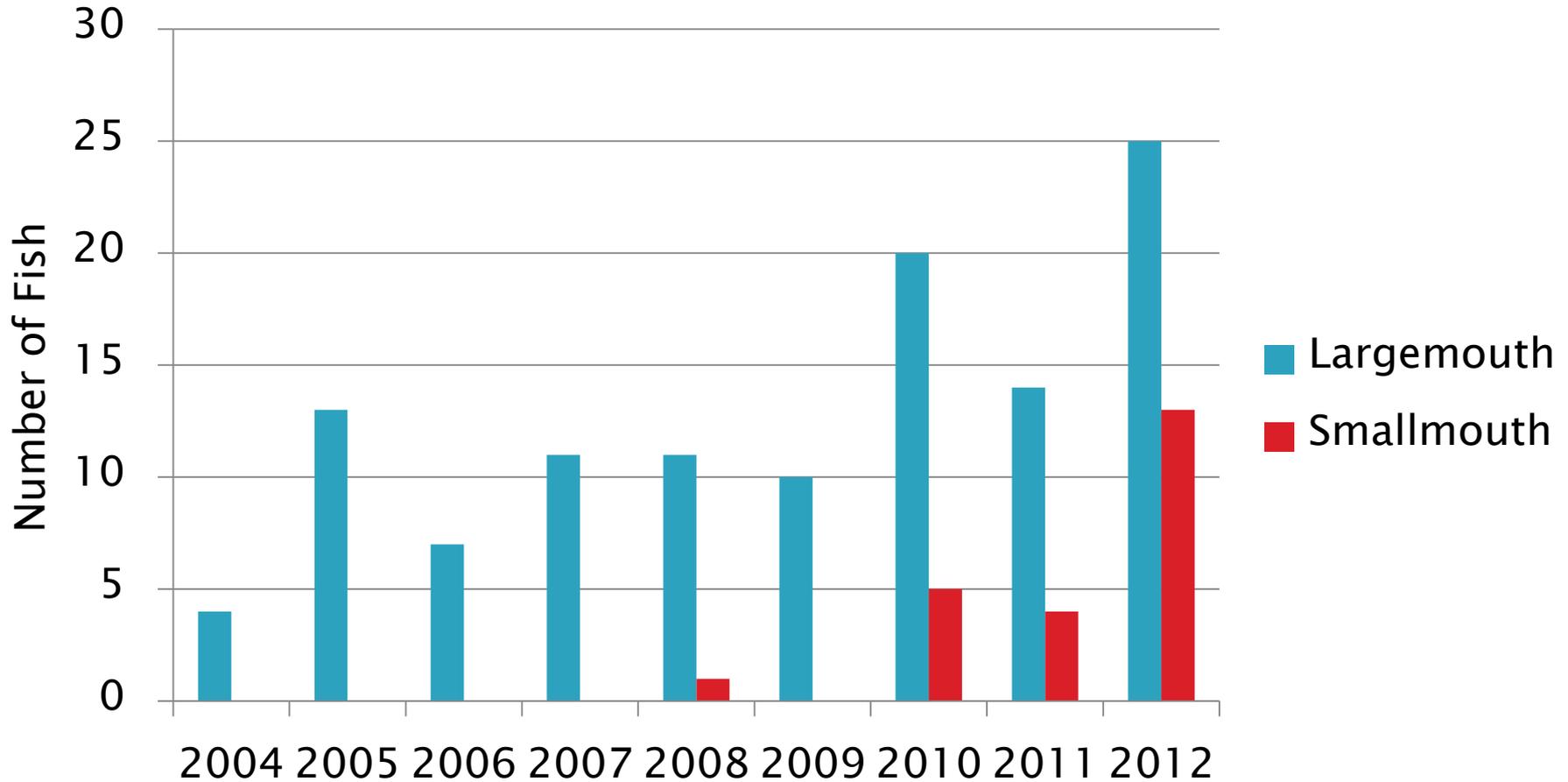
# CPUE Striped Bass & Total CPUE



# Striped Bass Mean Relative Weights Gill Netting 2004–2012

Year	Number of Fish	Mean Rel. Wt.
2004	176	97.15
2005	162	61.34
2006	37	78.02
2007	48	82.68
2008	58	117.55
2009	27	89.61
2010	20	103.91
2011	21	101.59
2012	21	82.79

# Largemouth and Smallmouth Bass Gillnetting Numbers



# What does it all mean?

- ✓ Reduced numbers of stripers but better quality
- ✓ Have Quagga Mussels changed the lake, how much?
- ✓ Changes to black bass population
- ✓ How is the protocol working?
- ✓ Koi Herpes Virus?