



LAKE MEAD SPORT FISH SURVEYS

C.R.A.B. 2015

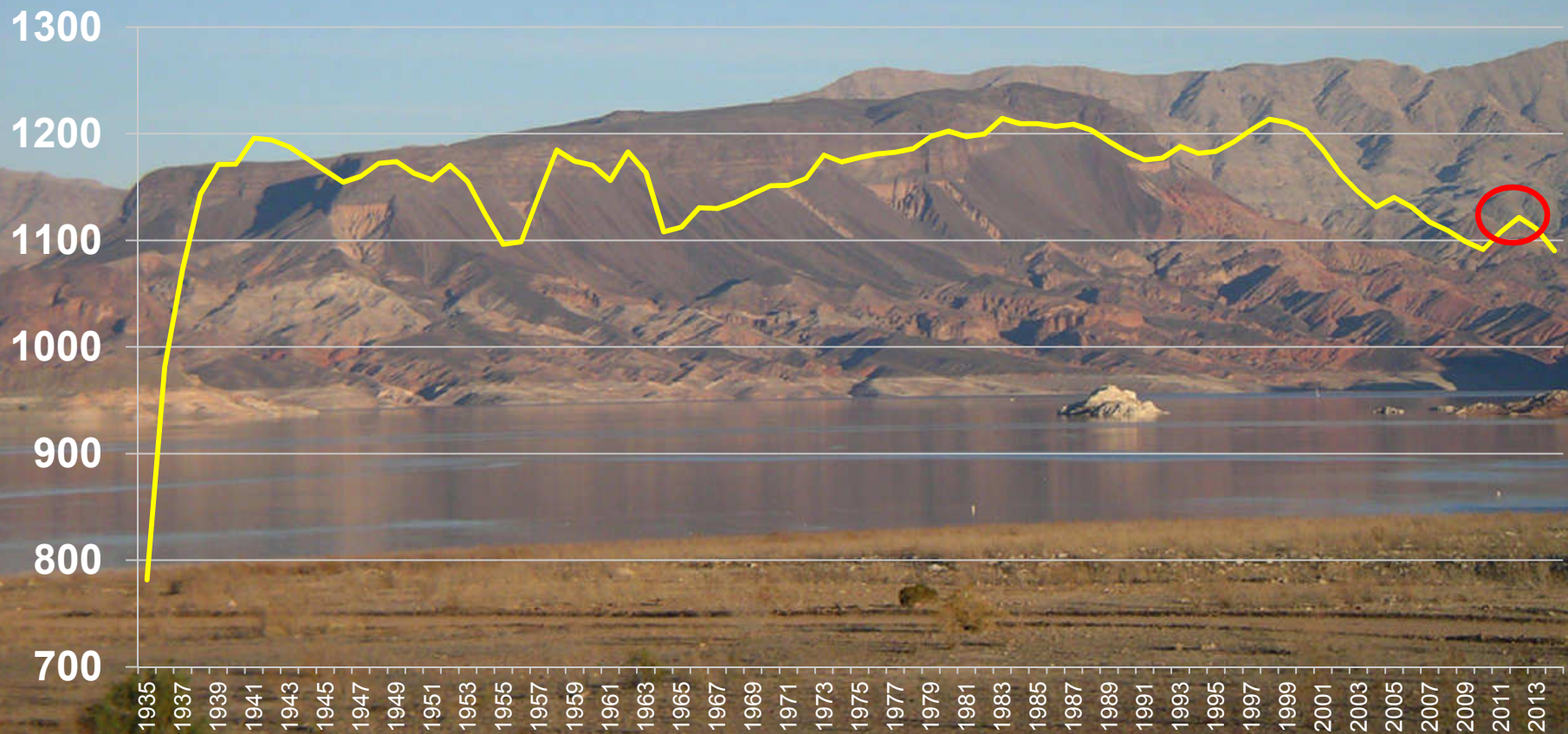
Aquarius Hotel and Casino,
Laughlin, NV

January 7 & 8, 2015

Presented by Debora Herndon

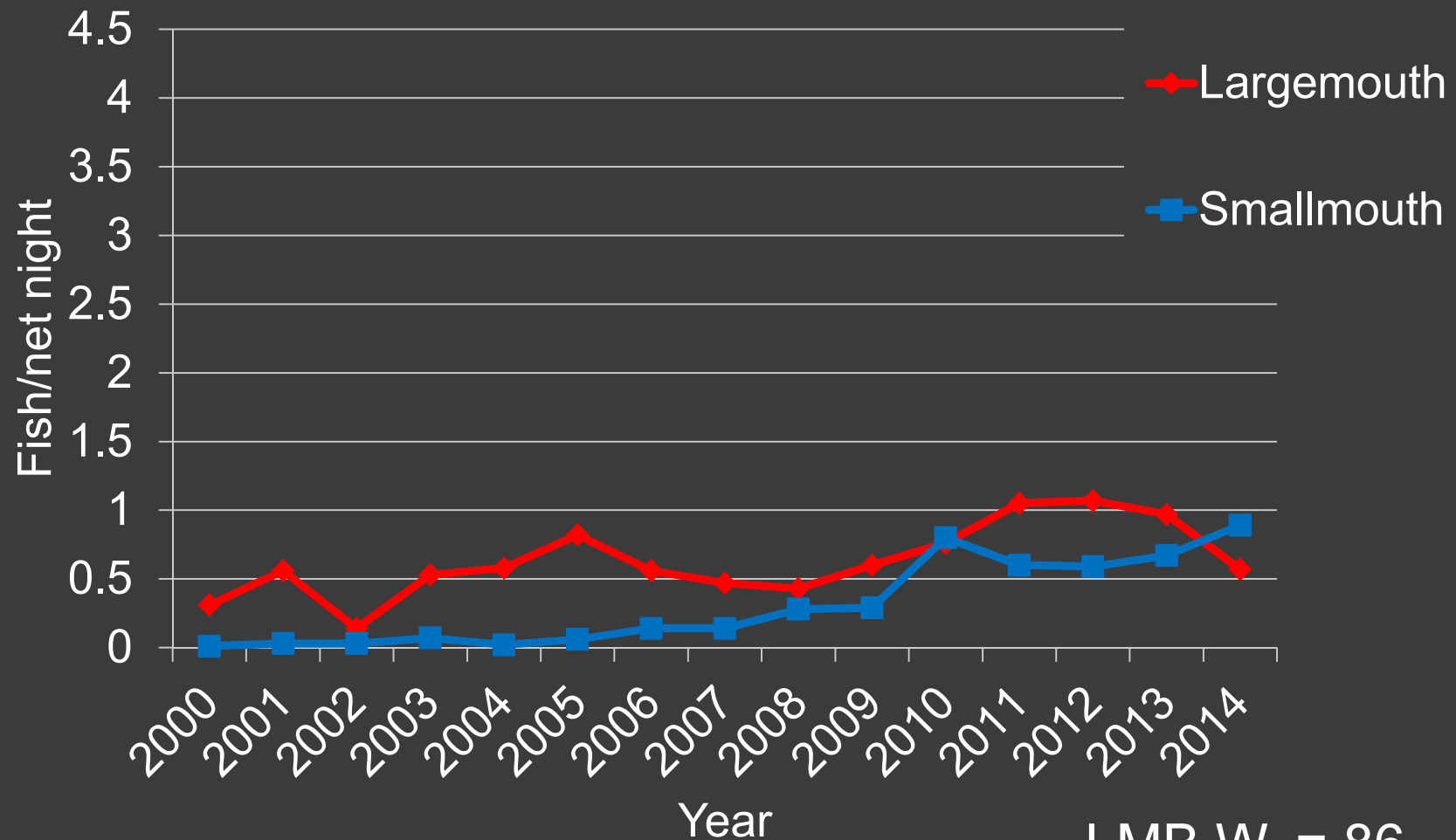
Lake Mead

Lake elevation



Largemouth & smallmouth bass

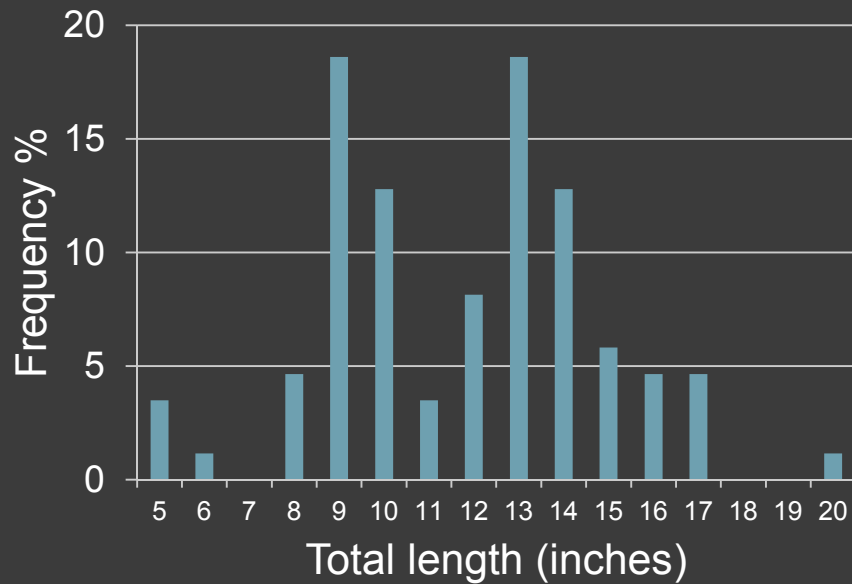
Fall gill net CPUE



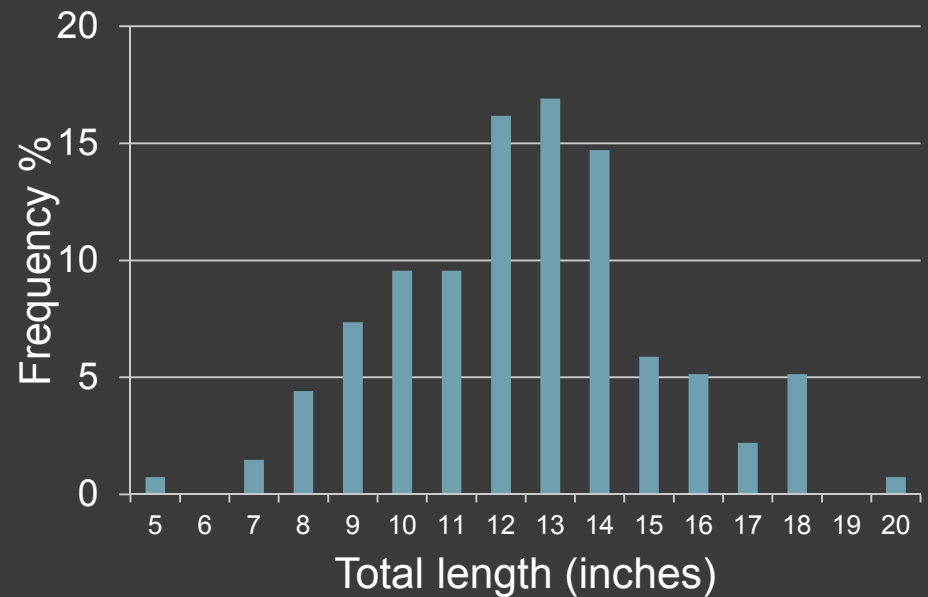
LMB $W_r = 86$
SMB $W_r = 86$

Largemouth & smallmouth bass length frequency distribution

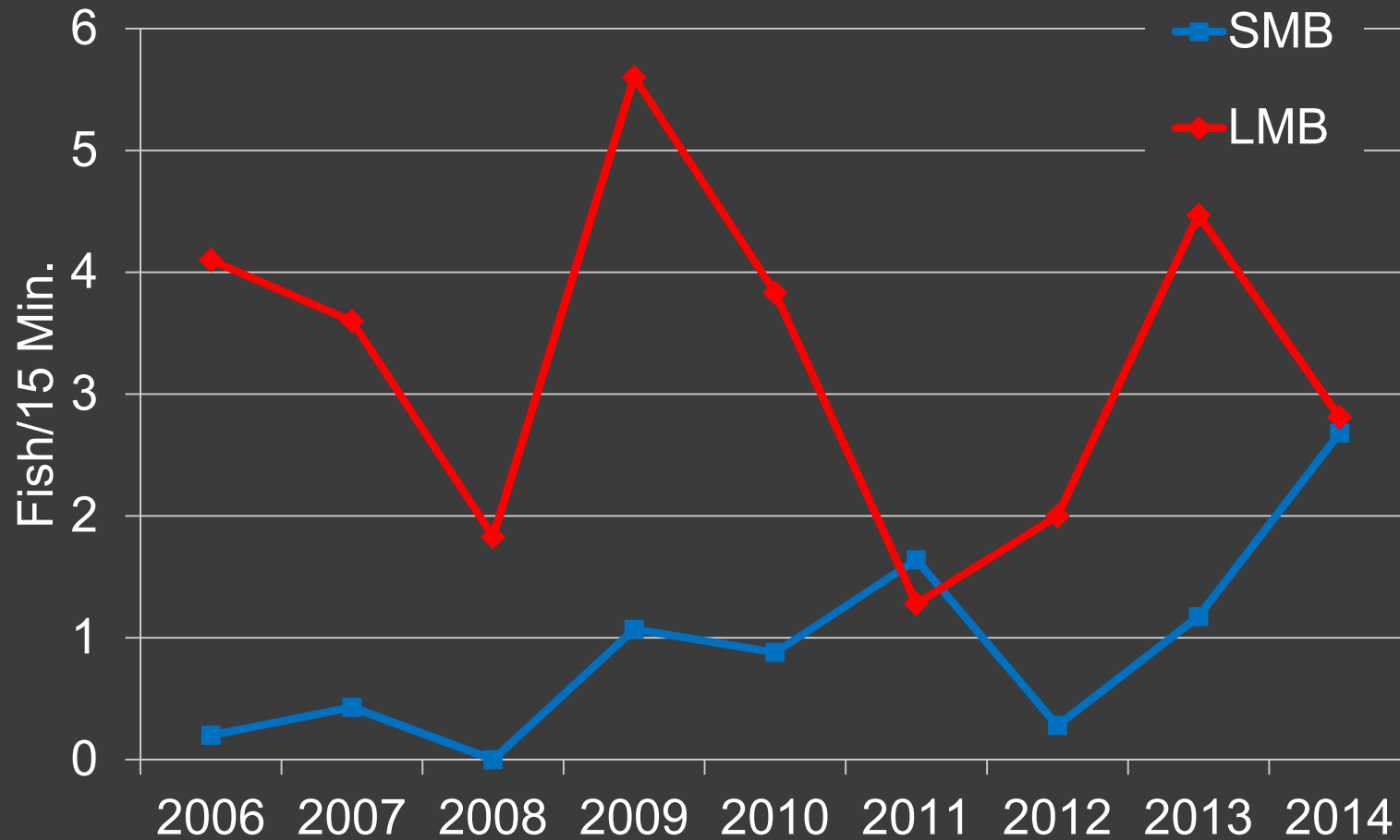
LMB



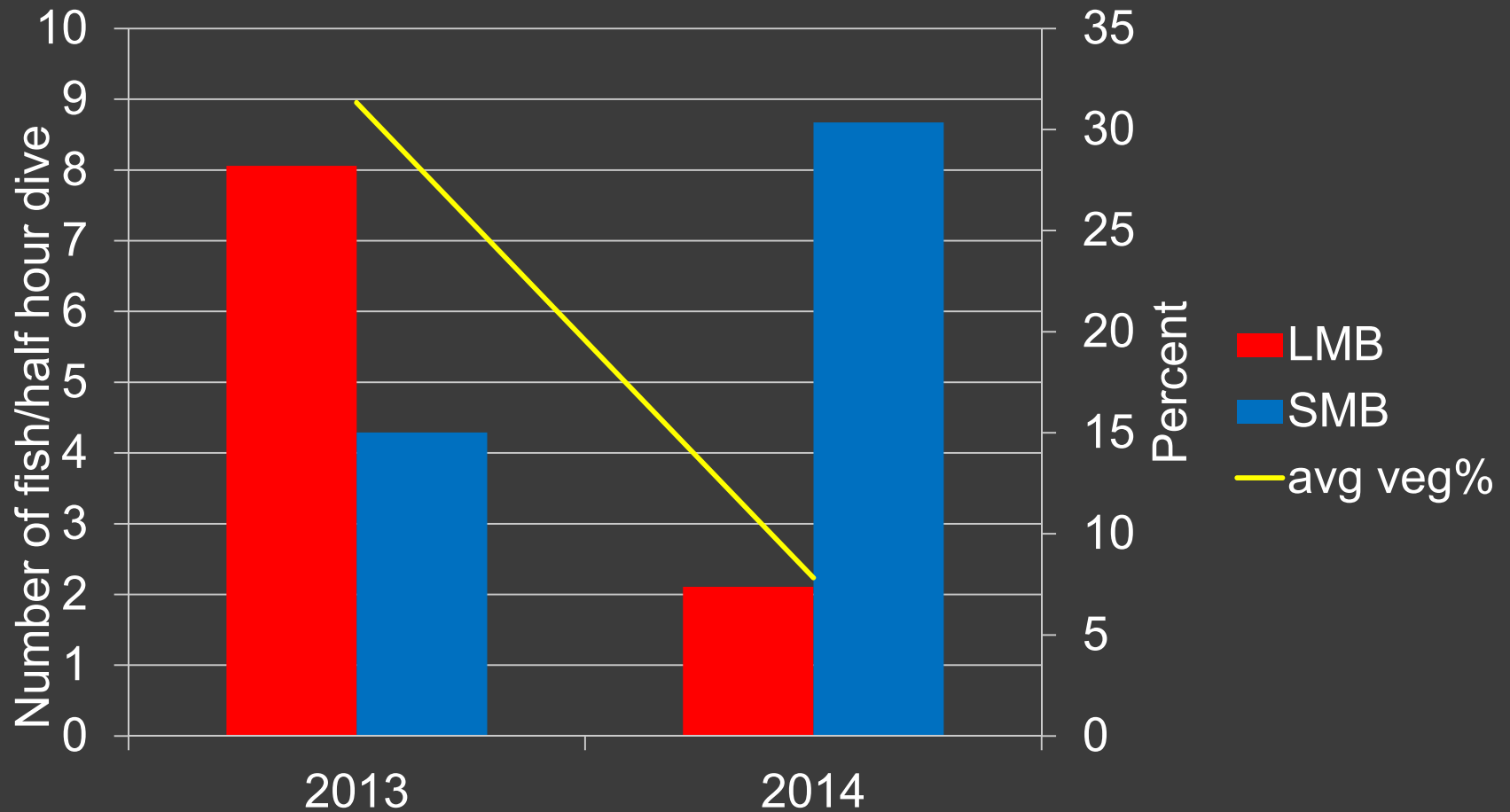
SMB



Largemouth & smallmouth bass Fall electrofishing CPUE

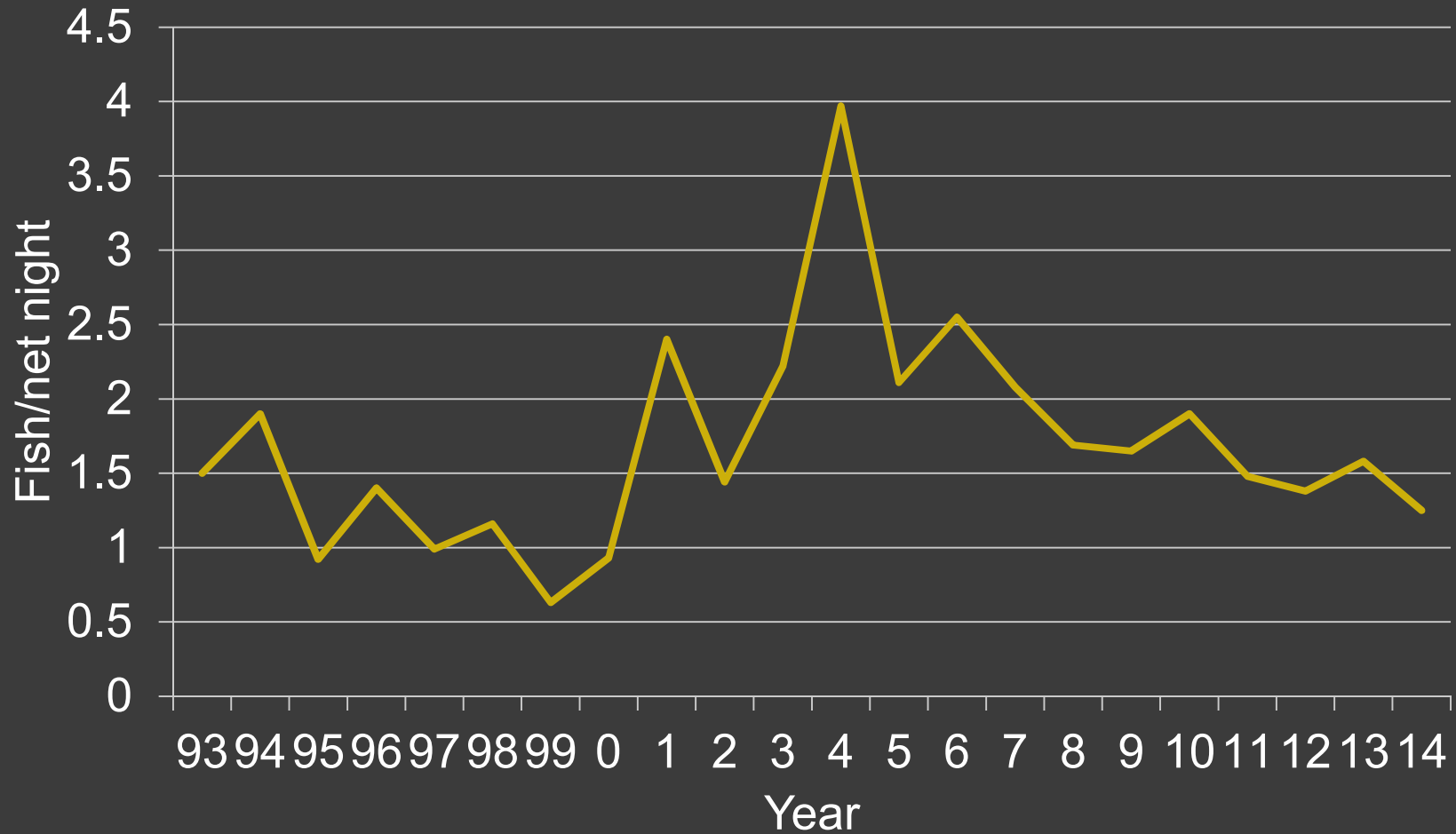


Largemouth & smallmouth bass YOY Snorkel surveys

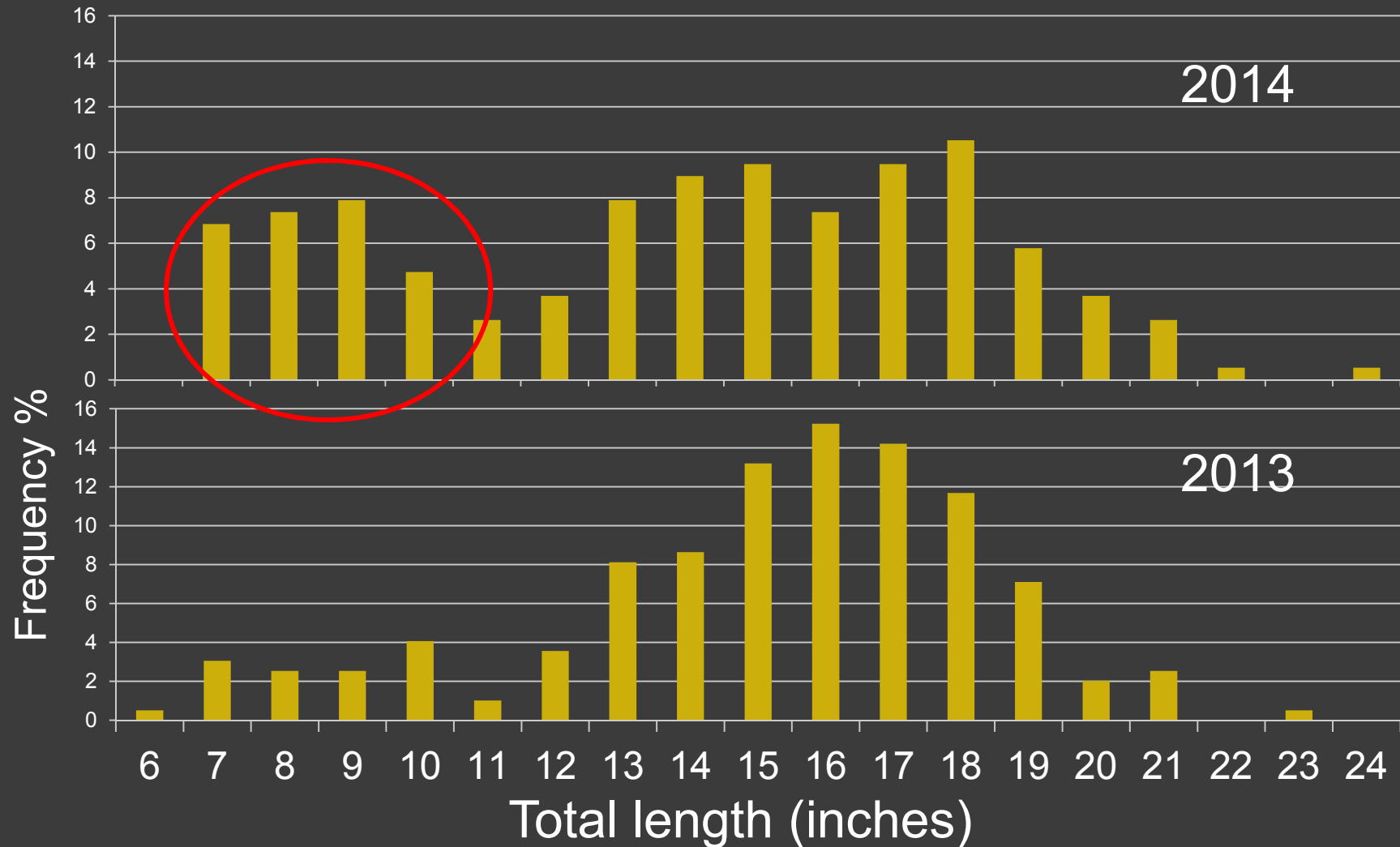


Striped bass Fall gill net CPUE

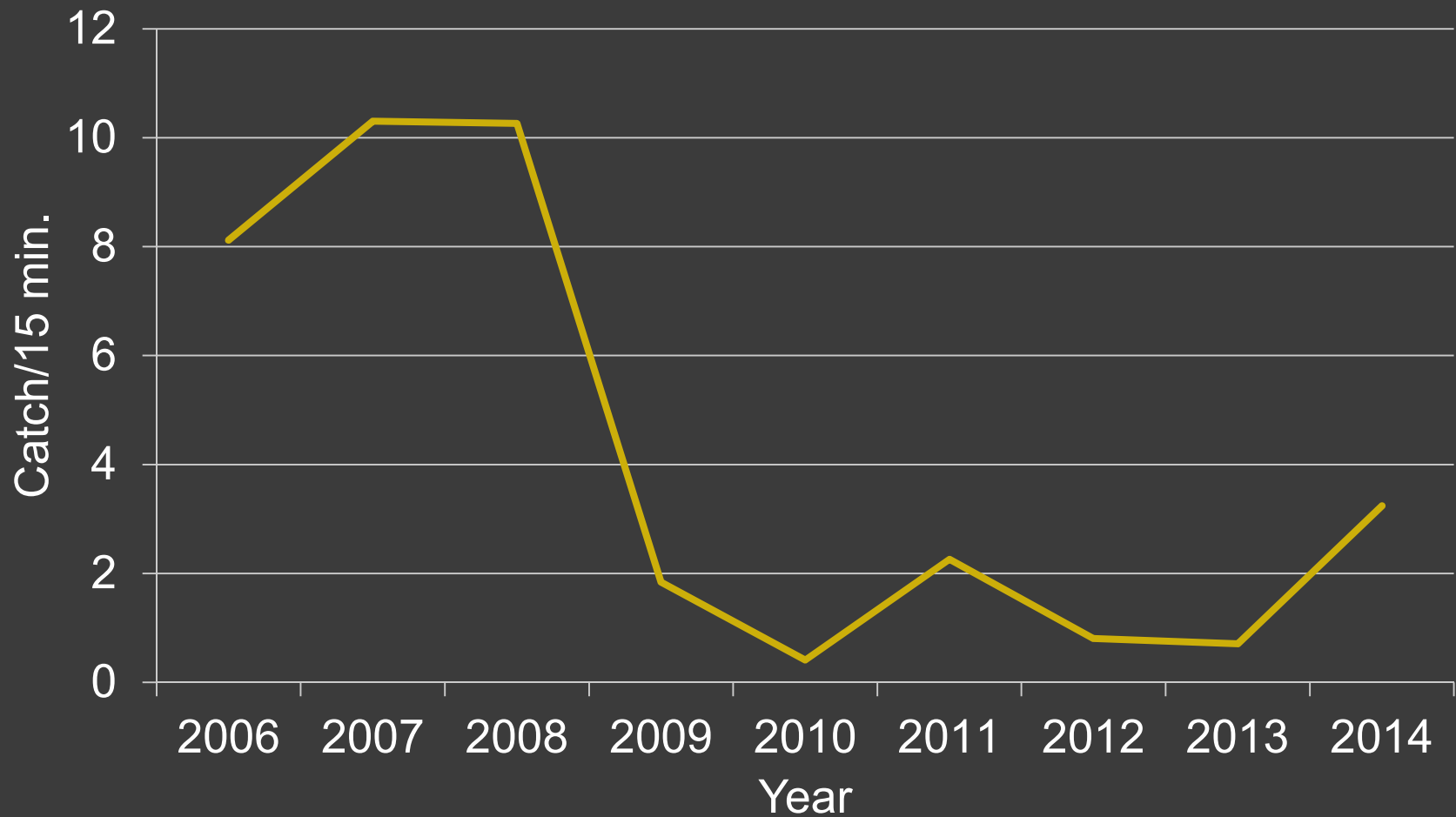
$W_r = 79$
 $K FL = 1.20$
 $4\% < 1.0$



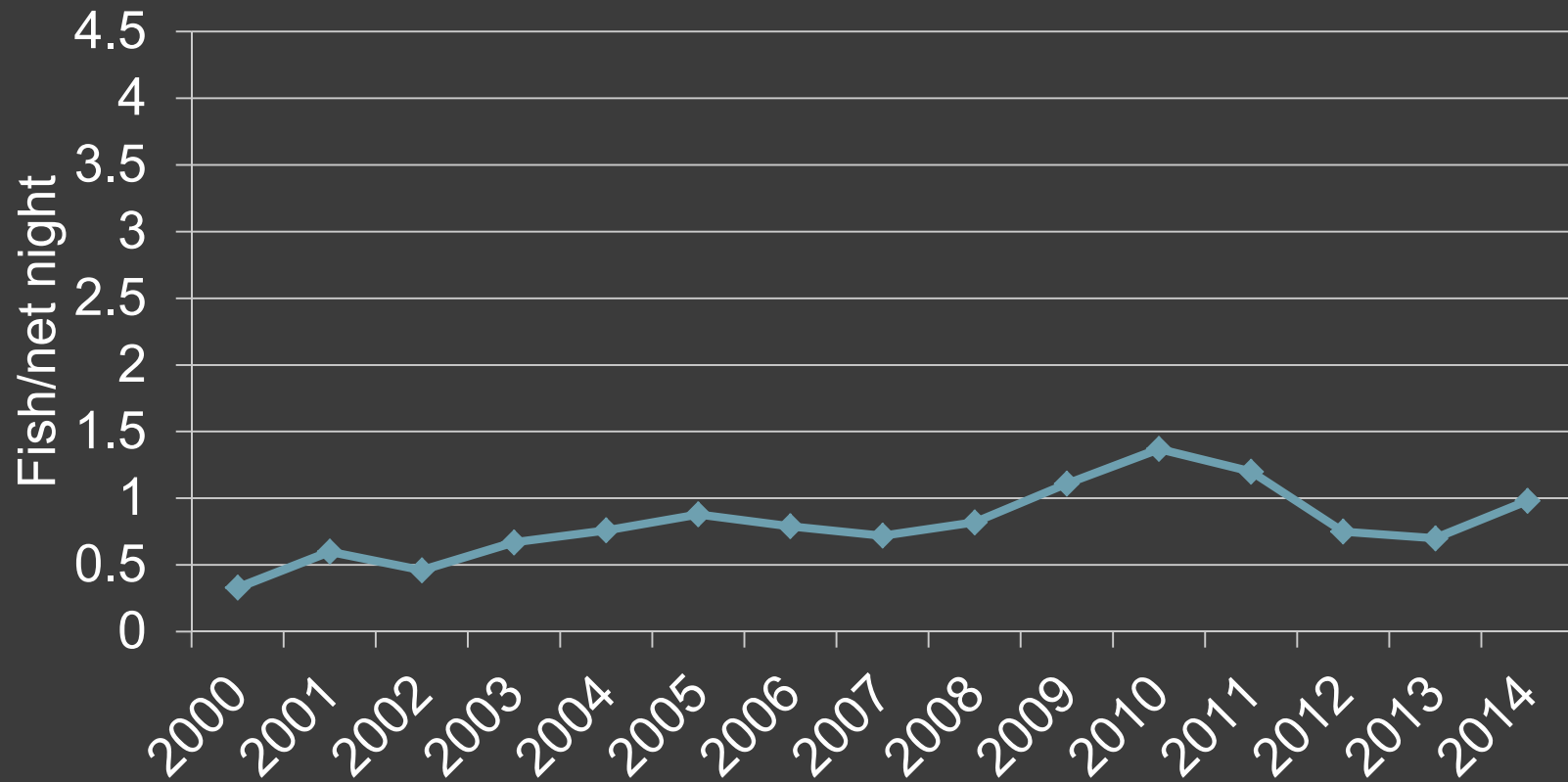
Striped bass length frequency distribution - Fall gill nets



Striped bass Fall electrofishing

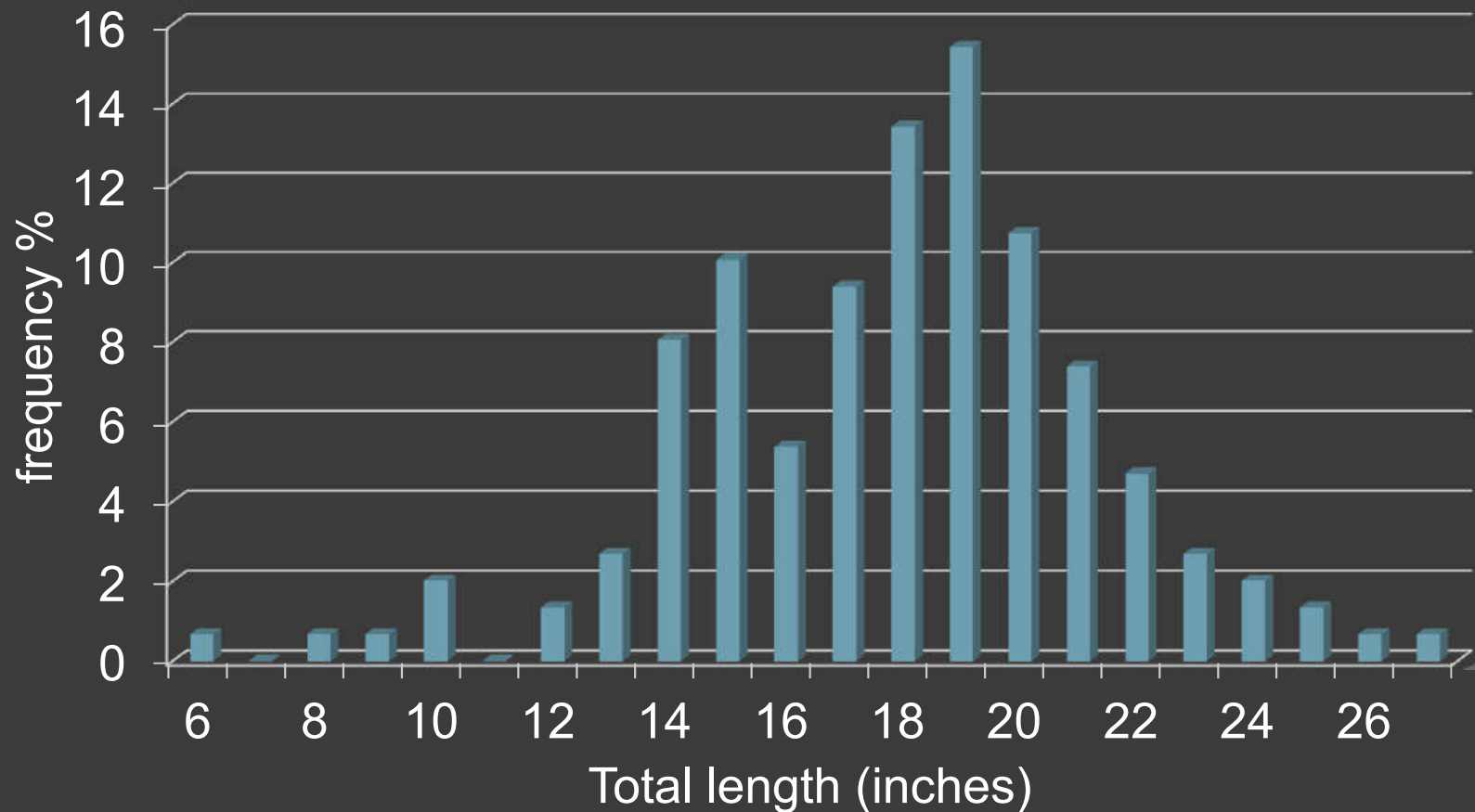


Channel catfish Fall gill net CPUE

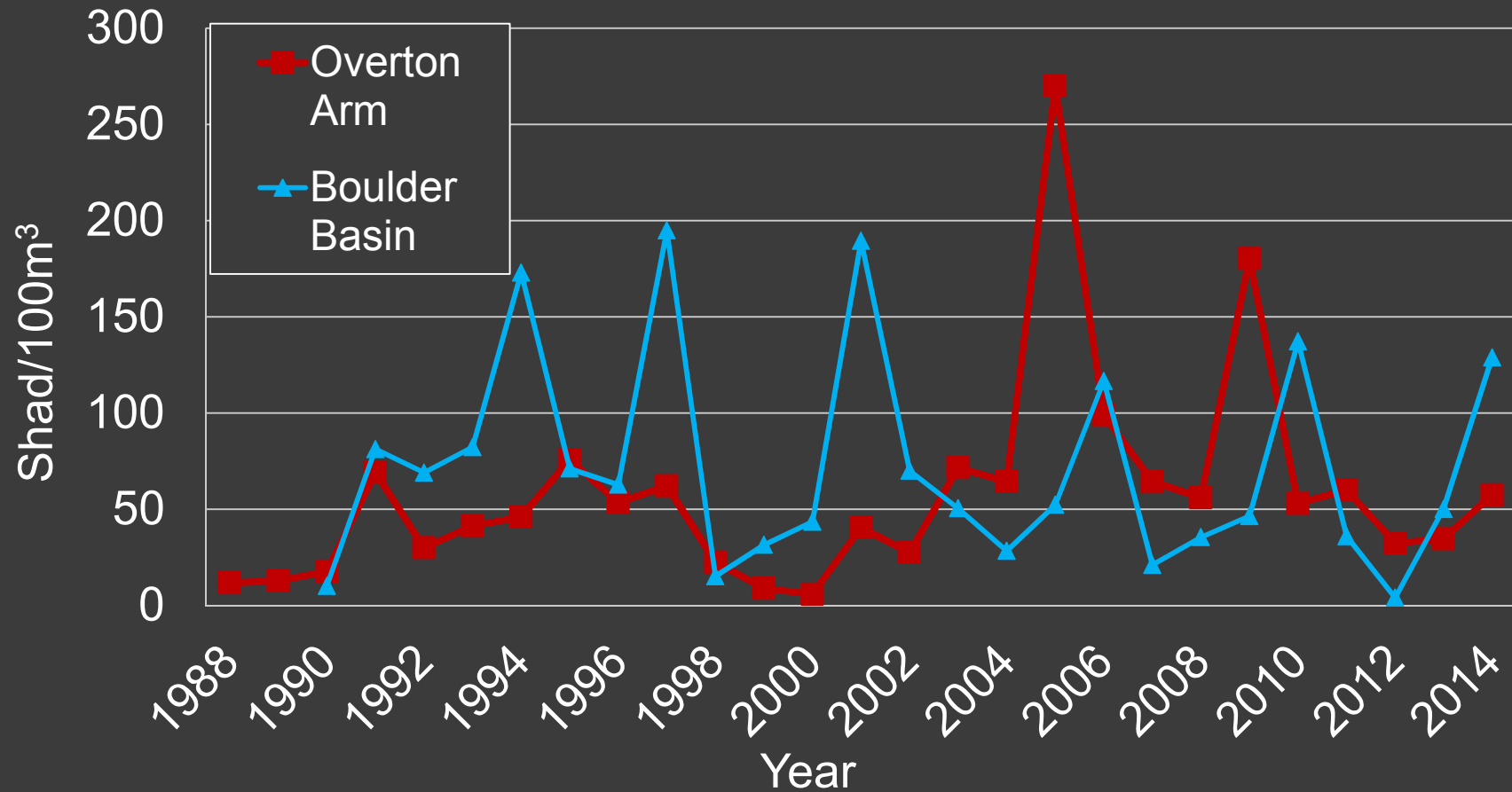


$W_r = 85$

Channel catfish length frequency distribution - Fall gill nets

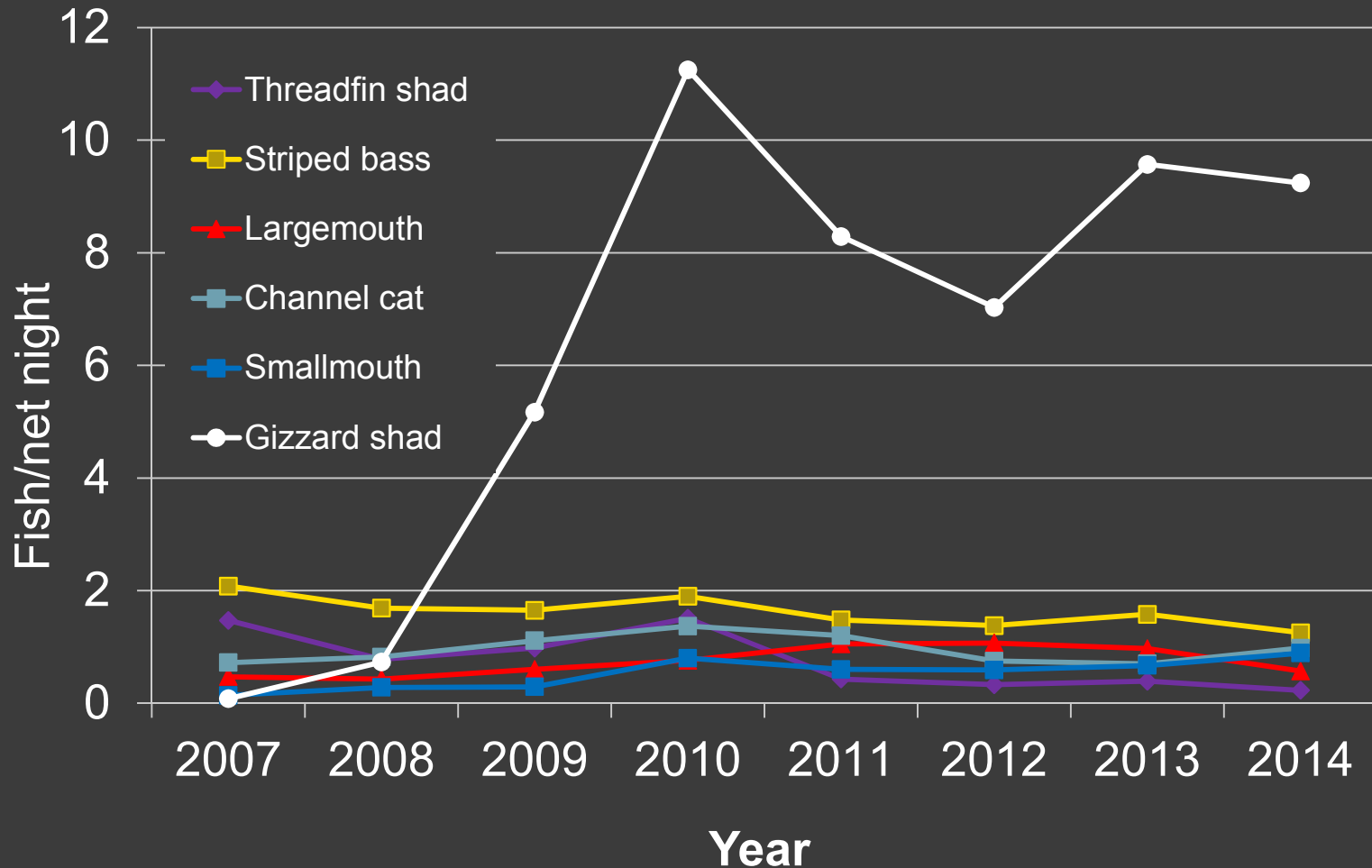


Prey species – threadfin/gizzard shad trawls

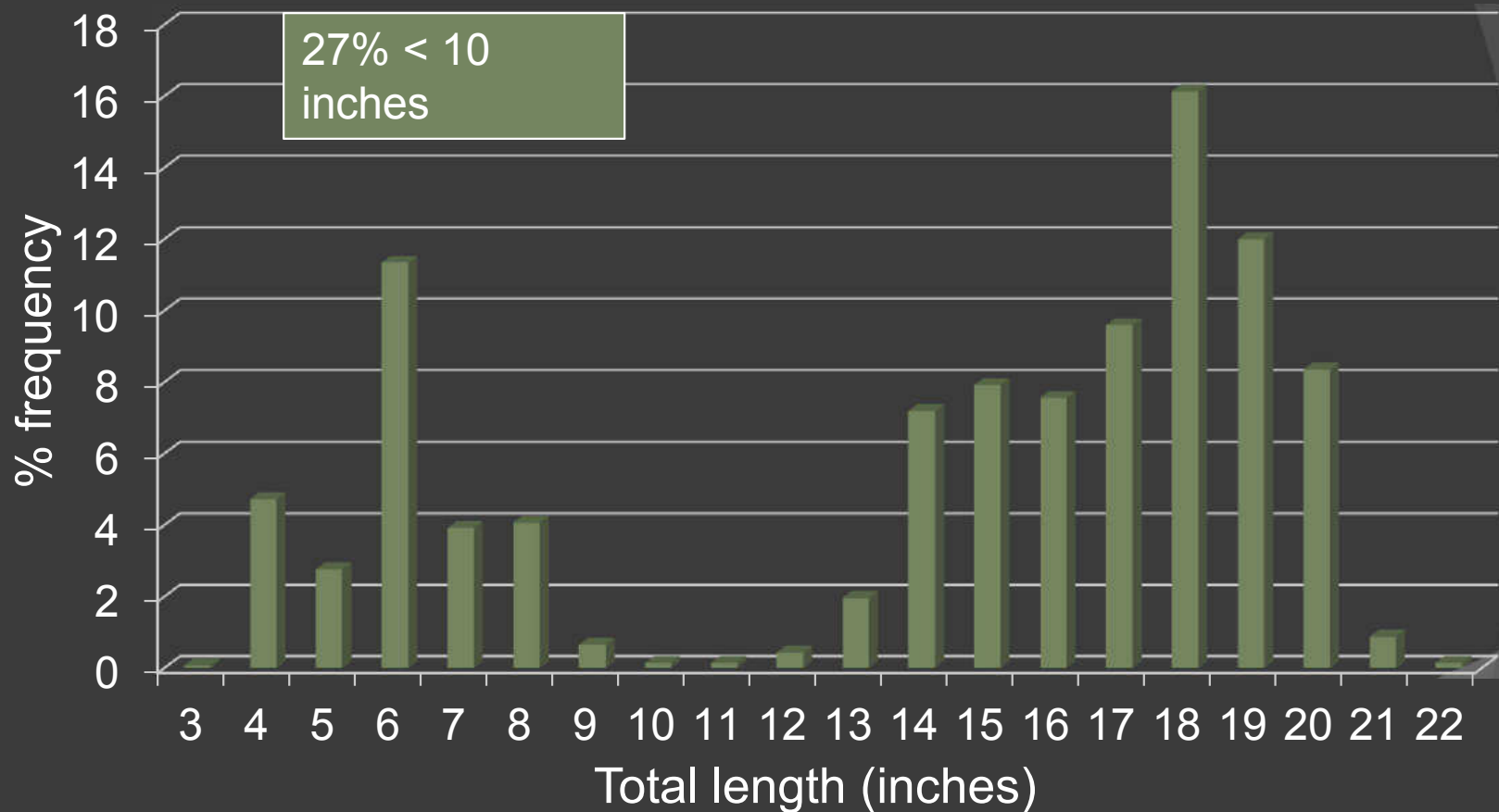


Prey species - gizzard shad abundance

Fall gill net CPUE



Gizzard shad length frequency distribution - Fall gill nets



Creeel Survey Results

● Angler Catch Rates

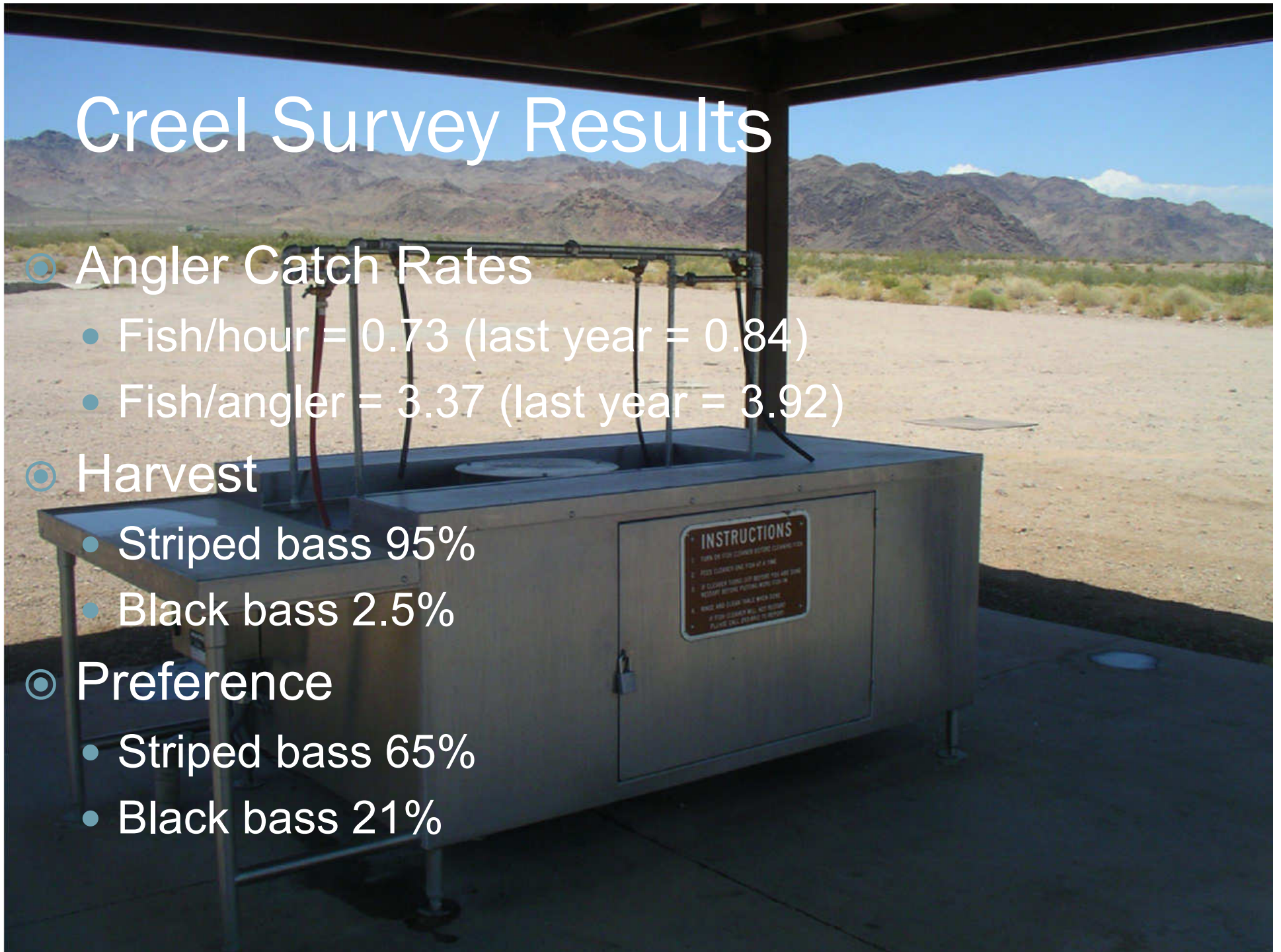
- Fish/hour = 0.73 (last year = 0.84)
- Fish/angler = 3.37 (last year = 3.92)

● Harvest

- Striped bass 95%
- Black bass 2.5%

● Preference

- Striped bass 65%
- Black bass 21%



Noteworthy

- 9.8 lb. largemouth bass caught in April
- Rainbow trout caught by AGF in electrofishing survey (Gregg Basin)
 - 11.2 inches, 0.3 lb.
- 2 Walleye caught in gill net survey:
 - Virgin Basin (BOR) = 20.3 inches, 3.3 lb.
 - Gregg Basin (AGF) = 11.2 inches, 0.5 lb.



Thank you

