



Nevada Department of Wildlife

Lake Mead Sportfish

C.R.A.B.
January 11-12, 2012
Laughlin, NV

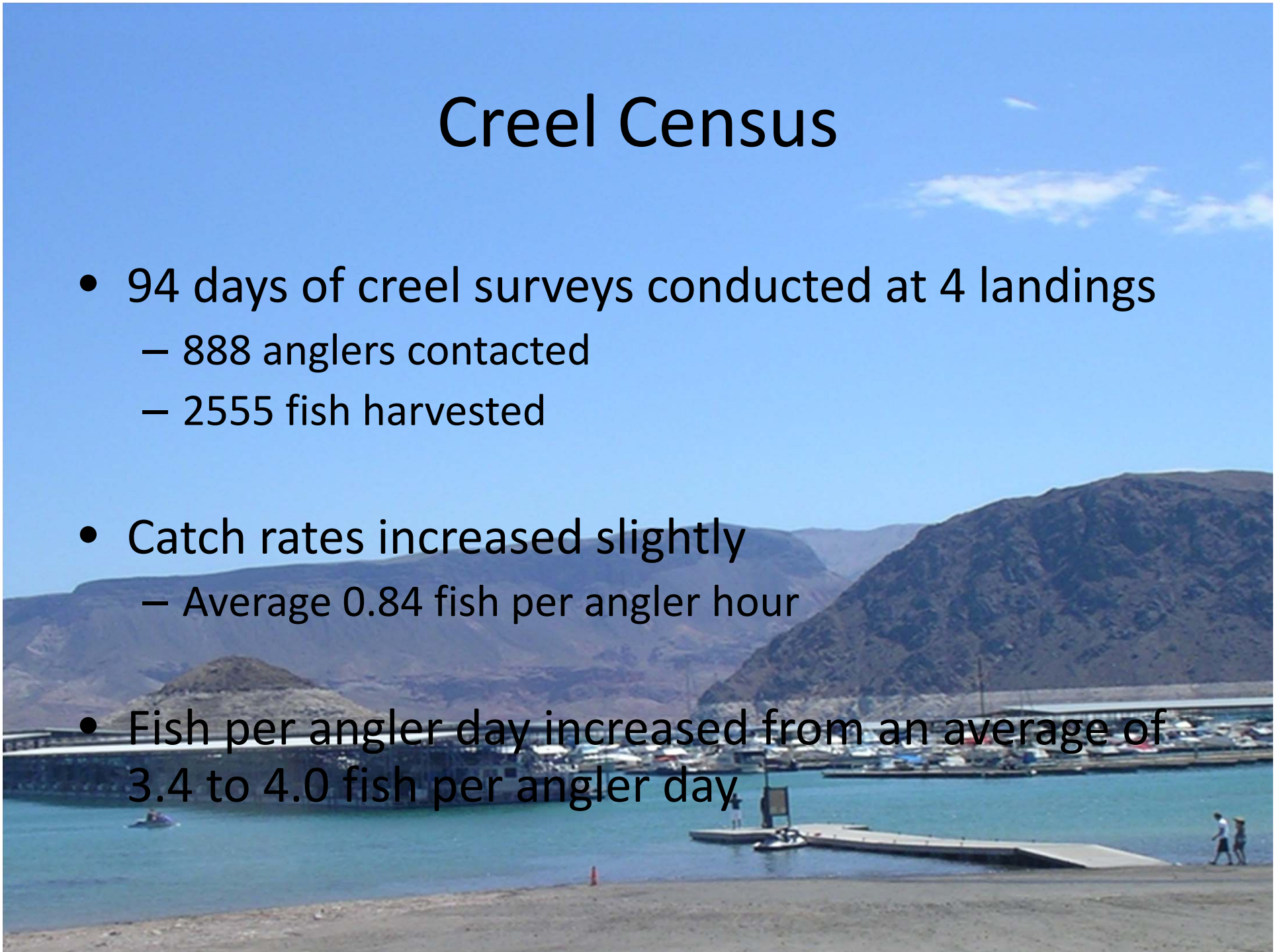
2011

A year in lake elevation increases

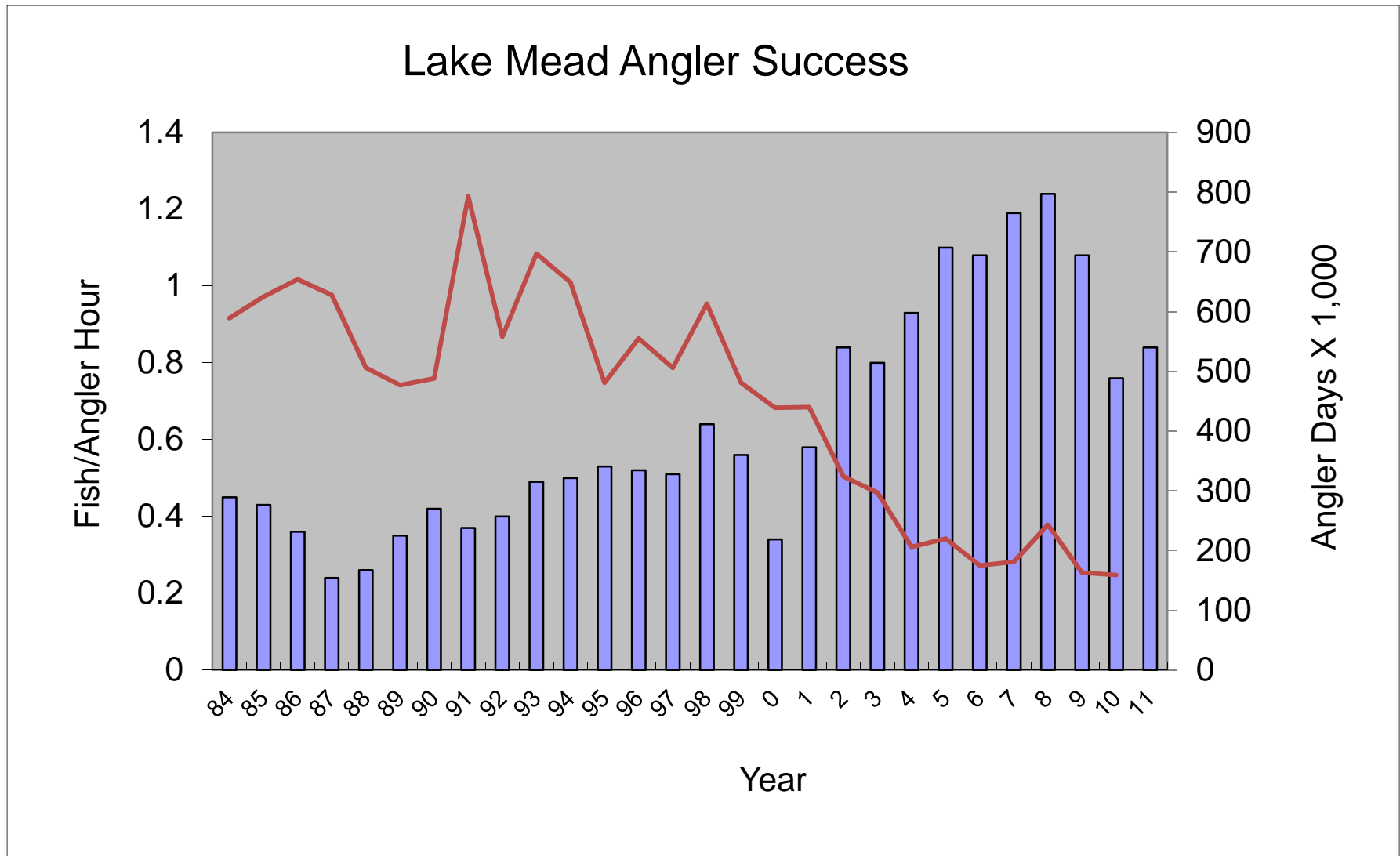


Creel Census

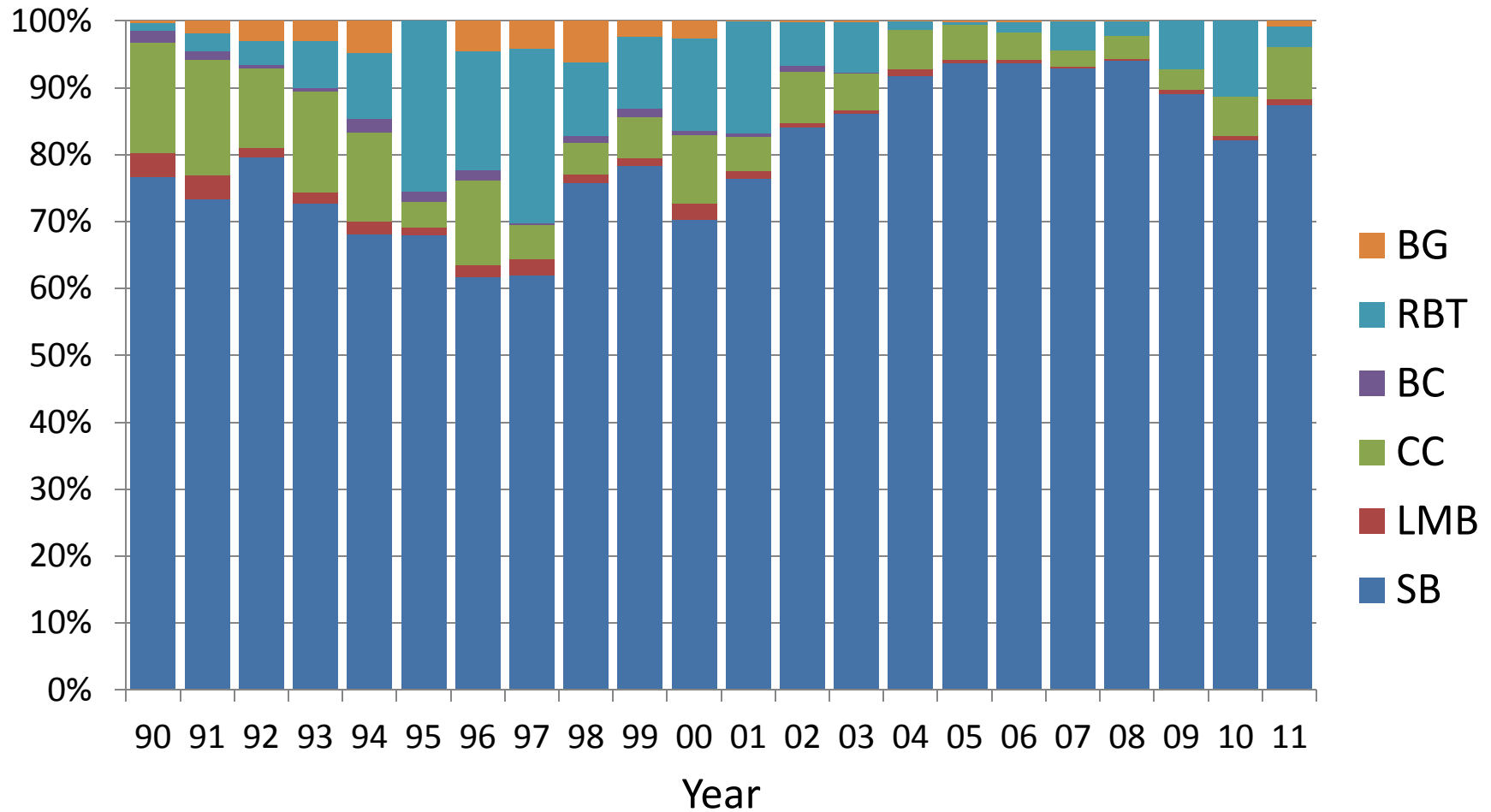
- 94 days of creel surveys conducted at 4 landings
 - 888 anglers contacted
 - 2555 fish harvested
- Catch rates increased slightly
 - Average 0.84 fish per angler hour
- Fish per angler day increased from an average of 3.4 to 4.0 fish per angler day



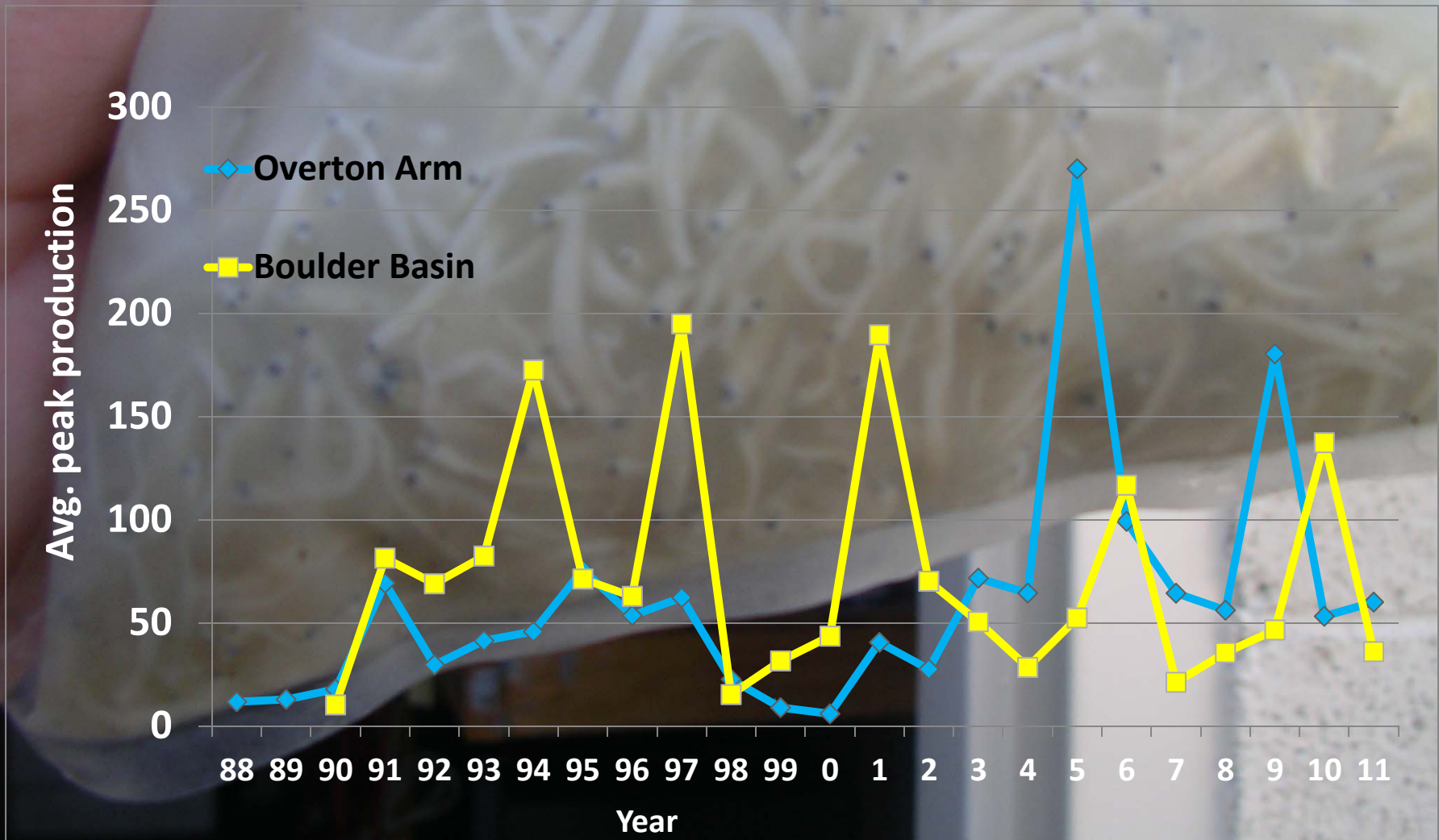
Angler catch rates vs. Angler Days



Creel harvest Species percentage



Shad production by year

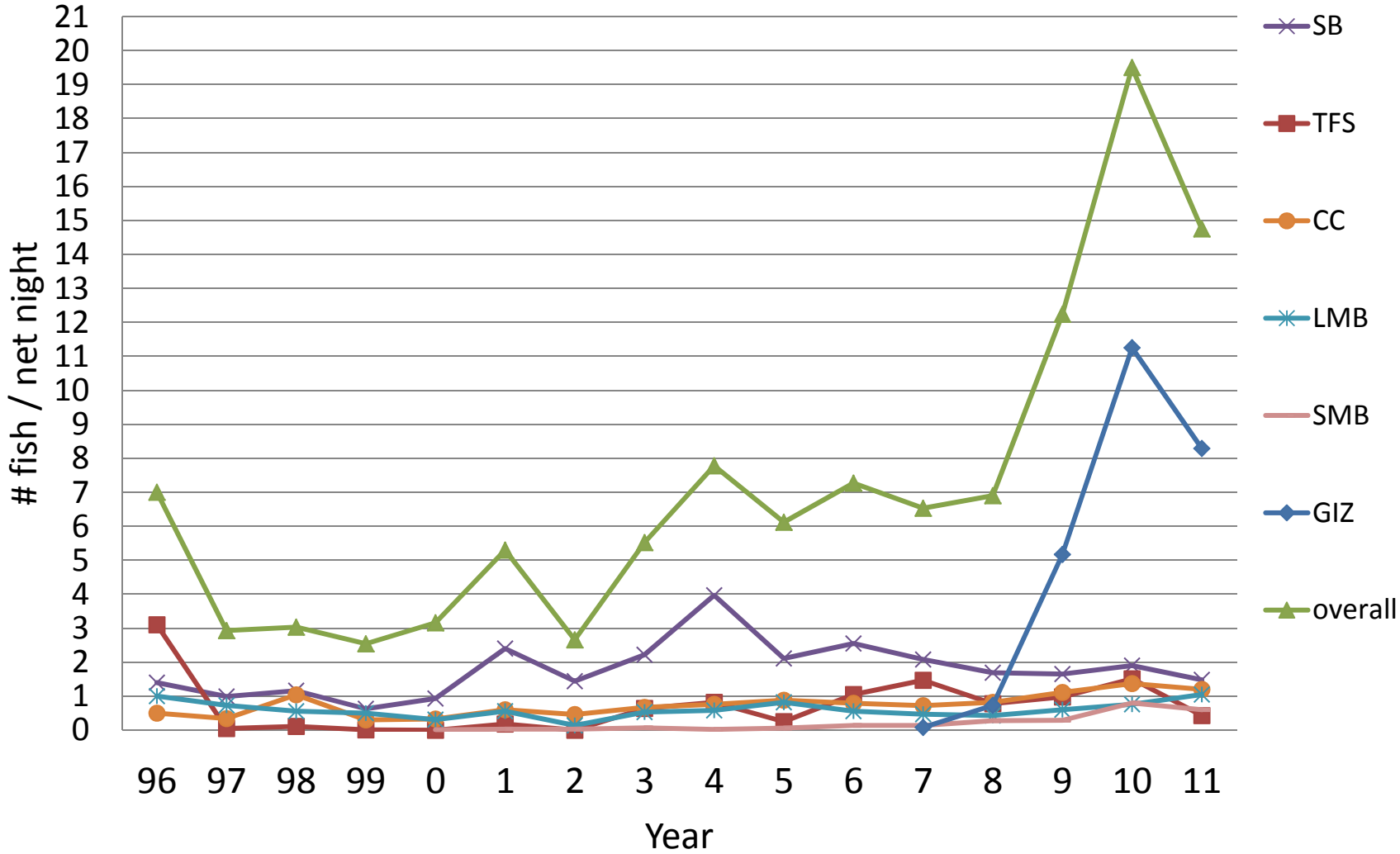


Fall gill nets

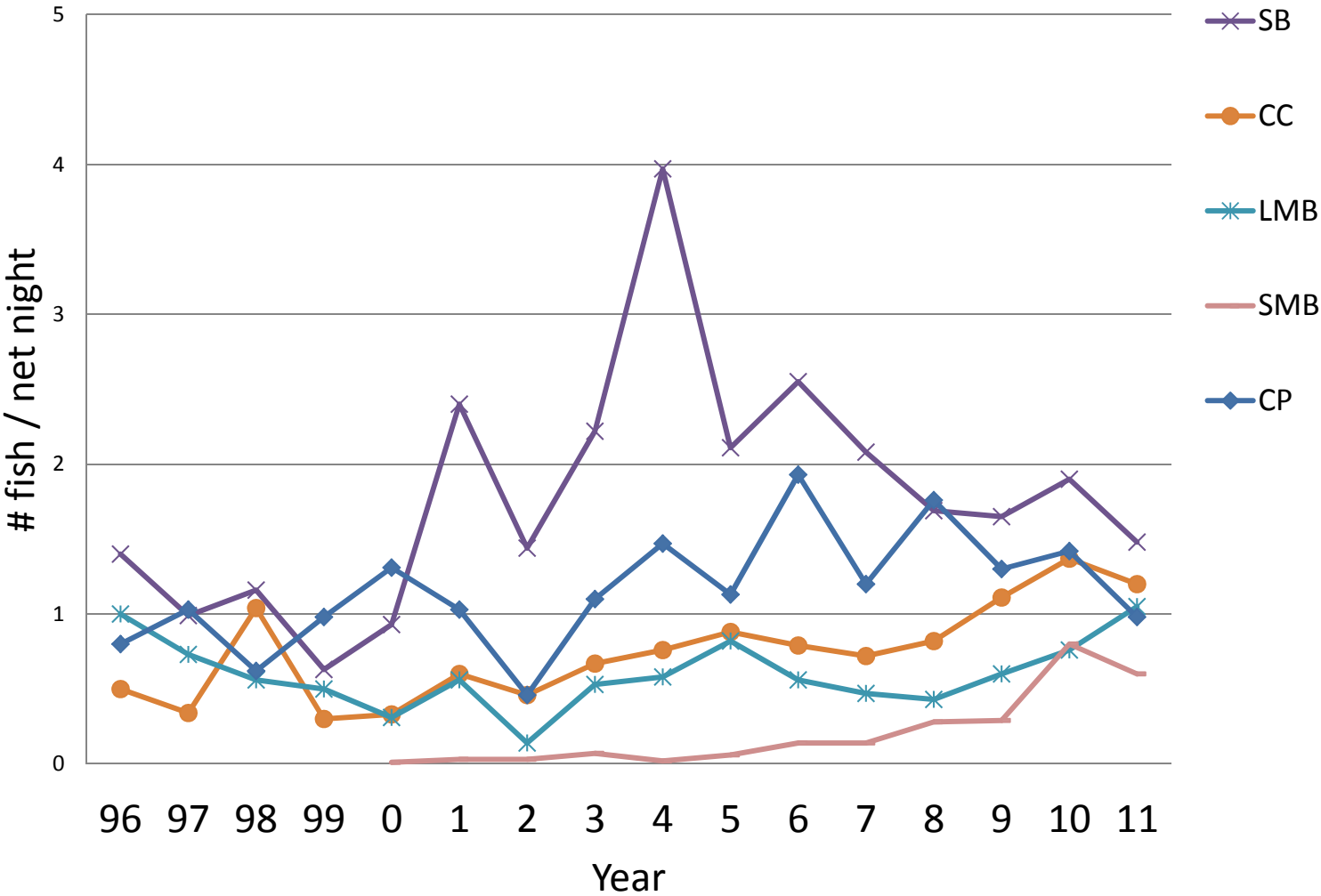
- 93 nets, 140 net nights of effort
 - NDOW, AZGFD, BOR, NPS
- 2,070 fish captured
- CPUE=14.75 Fish/net night
(a decrease from last year's CPUE of 19.5 fish per net night)



Gill net CPUE



Gill net CPUE



Black Bass fishery monitoring

- 33 Bass tournaments in 2011

- Largemouth bass

- Average 16.3 inches, 2.1 lbs.

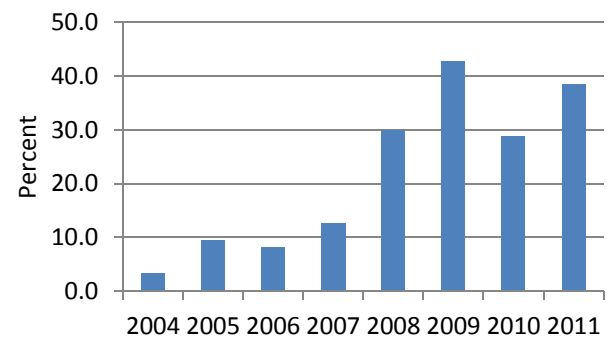
- (2010- 16 inches, 2.1 lbs.)

- Smallmouth bass

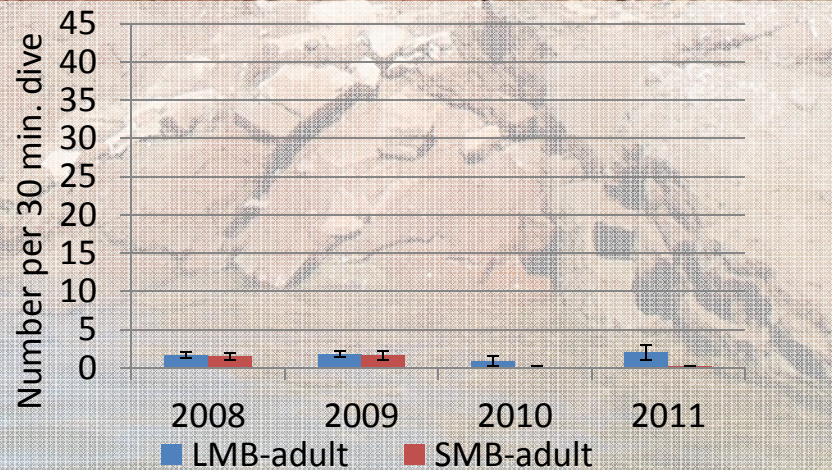
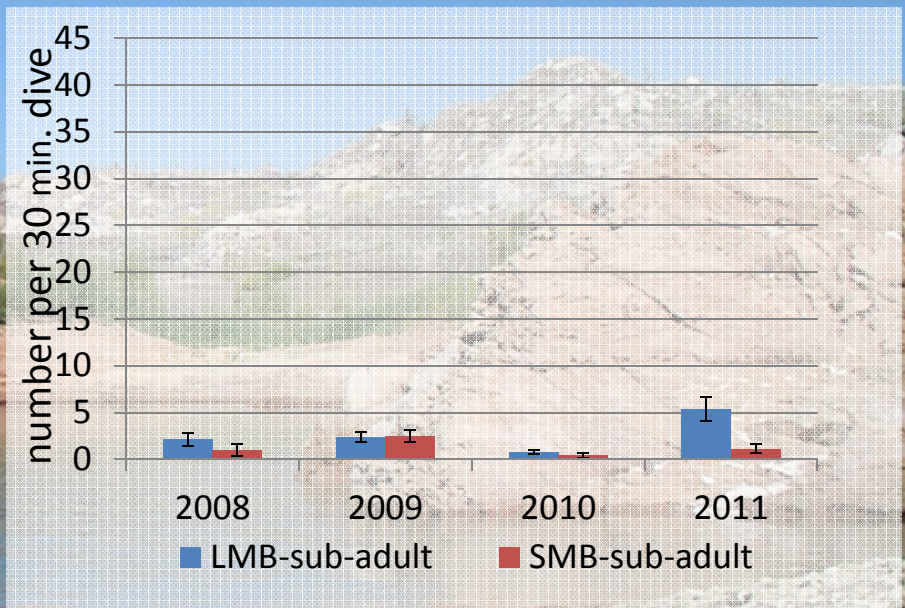
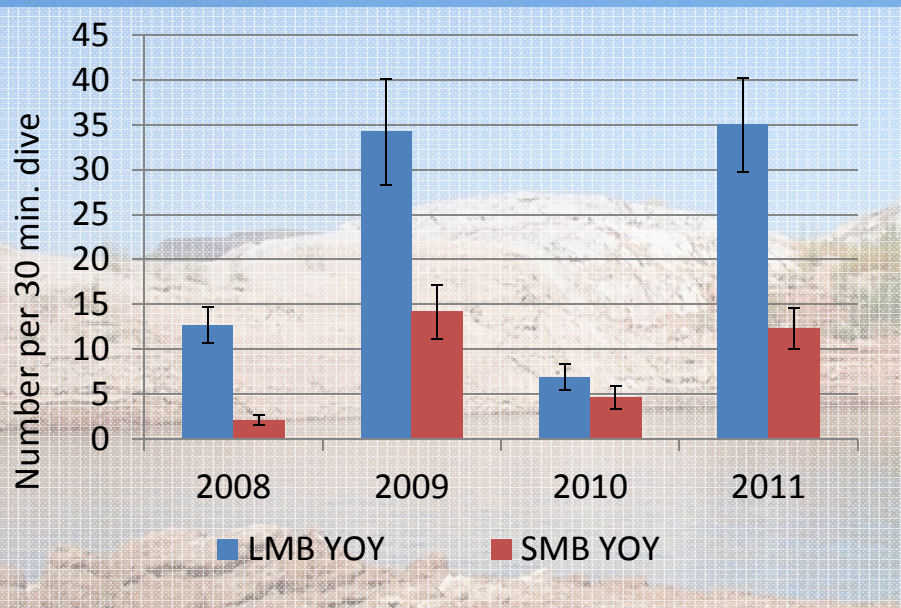
- Average 15.6 inches, 1.8 lbs.

- (2010- 15.2 inches, 1.7 lbs.)

SMB average percent

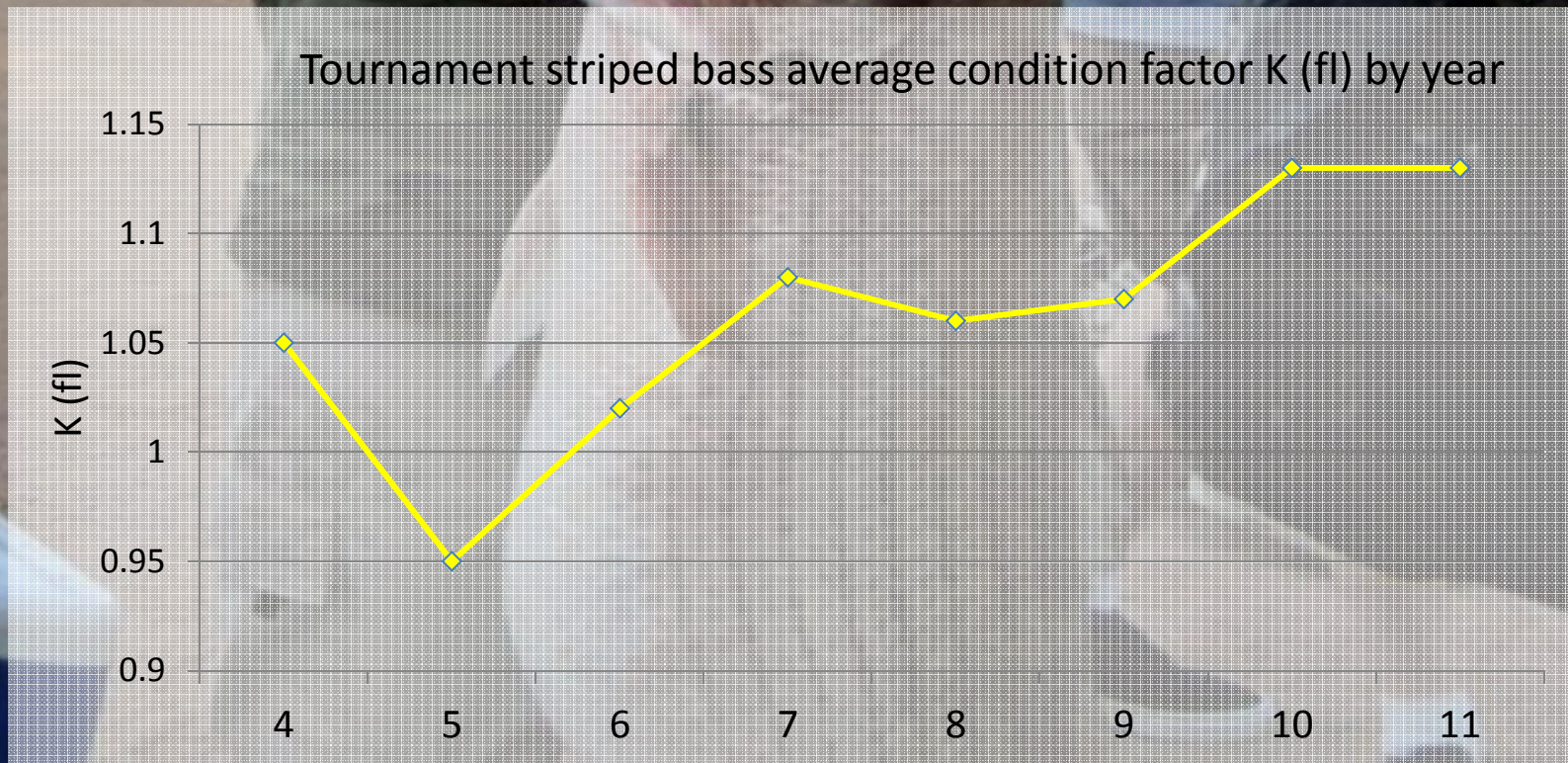


Snorkel surveys



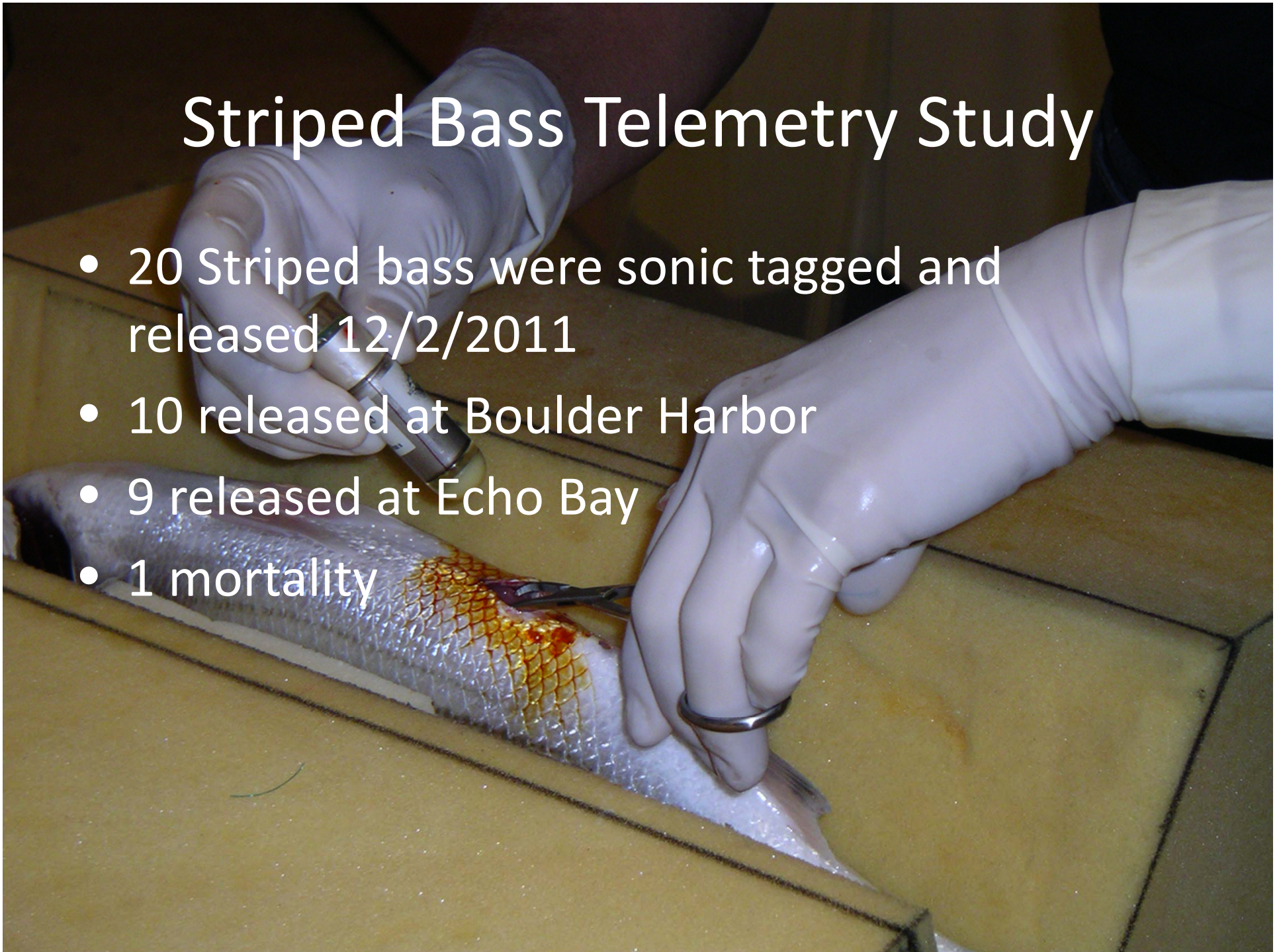
Tournament striped bass

- Average length 20 inches, weight 2.75 lbs.
- Last year 18.5 inches, weight 2.4 lbs.



Striped Bass Telemetry Study

- 20 Striped bass were sonic tagged and released 12/2/2011
- 10 released at Boulder Harbor
- 9 released at Echo Bay
- 1 mortality





Summary

- The lake has come up 46 feet over the year
- Largemouth bass are responding favorably to high lake elevation, increased cover
- Tournament caught striped bass condition has improved over last five years
- Improved angler catch rates for 2011
 - however, below 1.0 fish/angler hour, despite decrease in angling pressure