Lake Mead
Sportfish
C.R.A.B.
January 8–9, 2014
Laughlin, NV
Presented by Debora Herndon
1993 – 2013
Lake Mead avg. annual elevation
Angler catch rates

![Bar chart showing angler catch rates over years, with a significant increase in 2018-2019.](image-url)
**Harvest**

**Species percentage**

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*Legend:*
- **BG**
- **RBT**
- **BC**
- **CC**
- **LMB**
- **SB**
Anglers’ species preference

Percentage of preference

Year

93 95 97 99 1 3 5 7 9 11 13
indis. BG BC RBT CC LMB SB
Shad production by year

Year

Shad / 100m³

Overton
Arm
Boulder
Basin
Gizzard shad abundance

Year

Fish / net night

0  1  2  3  4  5  6  7  8  9  10  11  12  13

93  94  95  96  97  98  99  0  1  2  3  4  5  6  7  8  9  10  11  12  13
Gizzard shad length frequency distribution

2010

2011

2012

2013
Striped bass abundance

Graph showing the number of striped bass per net night from 1998 to 2013. There is a peak in 2004 and a general decline afterward.
Striped bass – electrofishing

Fish / 15 min.

Year

2006 2007 2008 2009 2010 2011 2012 2013
Striped bass length frequency distribution

2008

2009

2010

2011

2012

2013
Striped bass condition $K(FL)$ from gill net survey (October)

$K_{FL} = 1.13$
Striped bass

- Tournament striped bass
  Avg. condition factor = 1.04 K FL
  Avg. size = 19 inches, 2.4 lbs.
  March, June, and September

- Harvested striped bass
  Avg. condition factor = 1.06 K FL
  Avg. size = 15.5 inches, 1.5 lbs.
  Does not include July – December
Largemouth and smallmouth bass abundance

# fish / net night

Year

LMB
SMB

Largemouth and smallmouth bass abundance
Largemouth and smallmouth bass
Electrofishing

Year

LMB
SMB

Fish / 15 min.
Bass dive counts

![Graph showing the number of half-hour dives and percent vegetation from 2008 to 2013. The graph includes bars for LMB YOY and SMB YOY, as well as a line for percent vegetation. The number of dives varies significantly across the years, with peaks in 2009 and 2011. The percent vegetation shows a general decrease over the years.]
Largemouth and smallmouth bass Condition factor Fulton’s C (Oct gill net survey)
Channel catfish abundance

# fish / net night

Year

98 99 0 1 2 3 4 5 6 7 8 9 10 11 12 13
Summary

- Little change in sport fish abundance from last year.
- Good condition factors for striped bass.
- Gizzard shad abundance up.
- Largemouth and smallmouth condition could be better.
Thank you.