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MDMR Terrapin Reporting App 2017-2020

Overview

- Program involved eligible resident commercial crabbers
- Reporting platforms – Survey 123; paper form
- Project timeline – Oct 2017 – Mar 2020

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✕ Diamondback Terrapin Reporting System 📶 ☰

This program has ended and all compensation will end as of March 31, 2020. We do encourage you to continue submitting surveys voluntarily.

License Number: *

First Name: *

Last Name: *

Number of Traps: *

Soak Time: *
Time in hours.

Start Time:
Arrive at the traps.

End Time:
Finished the last trap.

✓

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✕ Diamondback Terrapin Reporting System 📶 ☰

End Time:
Finished the last trap.

Terrapins Observed: *
Number of Terrapins Observed.

Location:
To select somewhere other than your current location move the pin on the map and then tap the Check Mark in the lower right corner.



Comments:

Contact Information

Mississippi Department of Marine Resources
1141 Bayview Avenue, Biloxi, MS 39530
Phone: 228-374-5000

✓

Fishing grounds



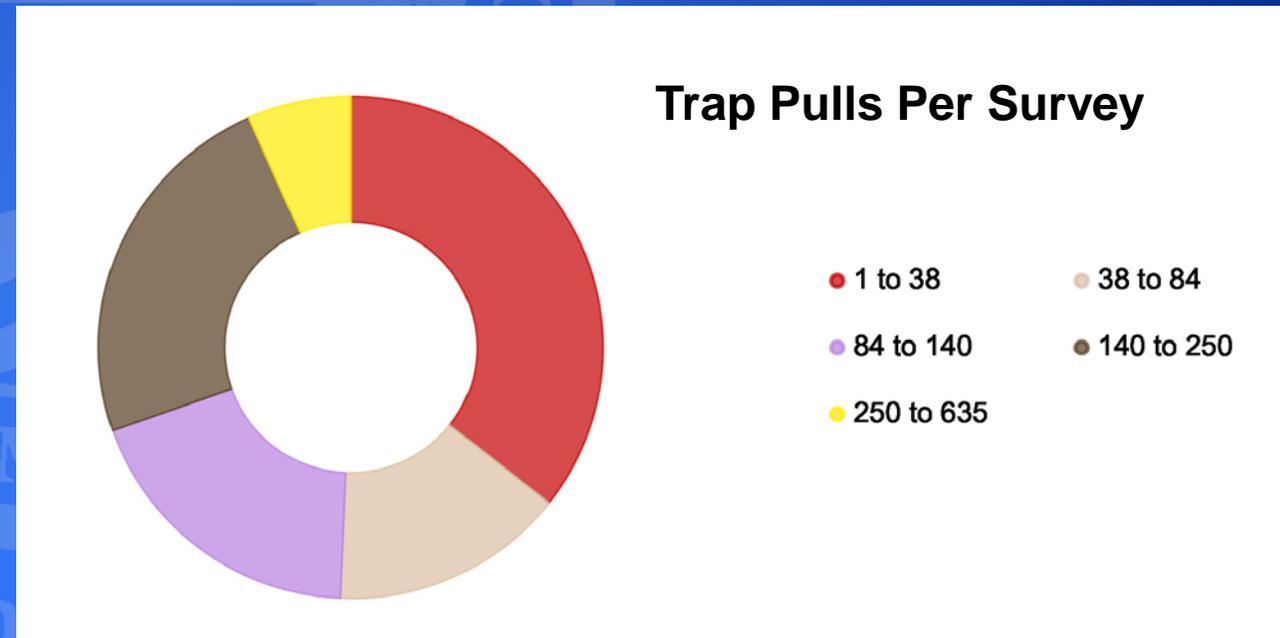
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Sample Size

- 36 fishermen enrolled to participate
- Average of 15 “active” participants/month
 - Conservatively represents ~13% of resident license holders
- 6,068 total surveys submitted for 603,191 total trap pulls
- Average of 99.4 trap pulls/survey

Surveys

Hours



Survey parameters

- Date fished
- Start and end times
- Soak time
- # of traps fished
- # of terrapins observed
- Location of trap line

Exact location and condition of observed terrapins were not reported by fishermen

Results

- 6,068 submitted reports
- Participation relatively steady throughout project timeline



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Results

- Average of 1 reported observation per 20 reports (trips)
 - 160 positive reports received representing a total of 297 total terrapins observed
- * did not collect data on if terrapins were in trap vs. observed in the water or on bank; did not collect data on condition

Moving forward

- Need to include all sectors of fishery to capture observations in recreational waters
- Follow-up calls needed to validate data