Figure 1. Picture including all BRFAs, closed and re-opened. DAR will be redefining the Deep-7 bottomfish catch reporting system. Reporting grids, used since 1948, will still be used but will be complemented by sub-grid overlays. This will allow the division to track fish caught in any of the re-opened BRFAs and institute any further management actions, including the amendment or immediate closure of a BRFA if necessary.
Four of the twelve Bottomfish Restricted Fishing Areas (BRFAs) are open to fishing on July 01, 2019. The four BRFAs that will be open to fishing are BRFA C (Poipu, Kauai), BRFA F (Penguin Banks), BRFA J (Hana, Maui), and BRFA L (Leleiwi, Hawaii Island). For commercial fishermen refined reporting details will be required when reporting commercial take of Deep-7 bottomfish species from BRFAs. This entails providing the commercial catch reporting area number followed by the BRFA letter that the fish was taken from.

The BRF reporting requirement is based on a condition placed on our Division by the Board of Land of Natural Resources (BLNR). The BLNR has required our Division to report back to them on what has occurred in the BRFAs that have been opened. We plan to include the pounds of fish that were taken from the opened BRFAs and Catch Per Unit Effort from open BEFAs in relation to other commercial catch reporting area. The BRF relevant refined reporting details mentioned above will provide our Division with the data needing for our report to the BLNR on January 2022.

Figure 2. Location of BRFA C, off Poipu Kauai.
Figure 3. Location of BRFA F off Penguin Bank

Figure 4. Location of BRFA J off Hāna, Maui.
Figure 5. Location of BRFA L off Hilo, Hawai‘i.

Figure 6. A comparison of the past three bottomfish fishing years, 2016-2017, 2017-2018, and 2018-2019 total pounds landed. The 2019 landings started slow this year, and remained low with windy weather.
Figure 7. The total pounds of non-confidential catch for the 2018—2019 federal fishing year, 170,919 lbs, reported by grid area. The darker the color the more pounds were reported for that grid. In the Penguin Banks grid # 331 alone, reported 18,738 lbs, or 11% of the total pounds. The three areas included in the Maui triangle, # 320, 327, and 321 represent over 64,000 lbs, or 38% of the total catch. The four grid areas off Hawaii County, 122, 121, and 101 represented 15,700 lbs, or 9% of the total catch.
Figure 8. The total pounds of Deep 7 landed for each county and the number of reporting fishers. The reported county comes from the designated port of landing reported on the Deep-7 bottomfish report.

Figure 9. The total pounds of Deep 7 catch listed by species caught in the 2018-2019 bottomfish season. Opakapaka accounted for 38% of all reported catch, 65,726 lbs, while Onaga was second with 34%, or 57,480 lbs.
### Total Number of Pounds and Fishers Reported by Each Species

<table>
<thead>
<tr>
<th>Month</th>
<th>Deep 7</th>
<th>Fishing Report</th>
<th>Dealer Report</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>no. fishers</td>
<td>no. trips</td>
<td>pieces</td>
</tr>
<tr>
<td>Opakapaka</td>
<td>222</td>
<td>1,120</td>
<td>15,741</td>
</tr>
<tr>
<td>Onaga</td>
<td>154</td>
<td>840</td>
<td>9,874</td>
</tr>
<tr>
<td>Ehu</td>
<td>212</td>
<td>944</td>
<td>10,760</td>
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<tr>
<td>Lehi</td>
<td>92</td>
<td>285</td>
<td>1,014</td>
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<tr>
<td>Hapuupuu</td>
<td>104</td>
<td>229</td>
<td>424</td>
</tr>
<tr>
<td>Kalekale</td>
<td>165</td>
<td>683</td>
<td>5,644</td>
</tr>
<tr>
<td>Gindai</td>
<td>122</td>
<td>329</td>
<td>1,423</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>303</strong></td>
<td><strong>1,872</strong></td>
<td><strong>44,880</strong></td>
</tr>
</tbody>
</table>

As of 08/06/19

**ACL:** 492,000   **34.7%**

**Total Landings (lbs.) Reported by Fishers from September 2018 to Present:**

170,919   **34.7%** of ACL

## Cumulative Pounds for the 2018-2019 Bottomfish Federal Fishing Year

### Main Hawaiian Islands Monthly Catch of Deep 7 Bottomfish

(Includes ONLY data Received and Processed as of 08/06/2019)

- **Cumulative Pounds Caught**
- **2018-2019 Annual Catch Limit (492,000)**

![Cumulative Catch Chart](image)
Dear Commercial Bottomfish fishers and dealers, We welcome your feedback. Please let us know what kind of information is useful to you. Any feedback about the newsletter, positive or negative, is greatly appreciated!

PLEASE CALL, Reggie Kokubun, (808) 587-0084 or e-mail dlnr.ar.bf@Hawaii.gov

Mahalo! – DAR

Statistical Unit

Thank you to everyone that has contributed your help, ideas and pictures. This will be my last newsletter, as I will start a new job in July. I really appreciate the kindness, helpfulness, and patience all of you have shown me.

Aloha, a hui hou.

Editor: Kimberlee Harding