April 16-17, 2019
Department of Environmental Quality
Division of Marine Fisheries
Trip Ticket Program
Alan Bianchi, Trip Ticket Coordinator
What is the Trip Ticket Program?

- Collect commercial fisheries statistics
- Landings and Effort
- Commercial fishery trends
- Voluntary program prior to Trip ticket Program
- Started January 1st, 1994

Department of Environmental Quality
How does the Trip Ticket Program Work?

- Mandatory to report
- Dealers can only purchase fish from licensed commercial fishermen
- Fishermen can only sell catch to licensed seafood dealers
- All transactions recorded
- Complete trip ticket when landed at dock
- Due date to division is 10th of the month
- Trip Ticket Program provides all supplies needed

Department of Environmental Quality
What is a trip ticket?
What is a trip ticket?

NC Trip Ticket System

North Carolina Division of Marine Fisheries

Support Center
NC Division of Marine Fisheries
Alan Bunch
212-000-0032
albunch@ncdoe.gov

Update Center

Read Me

Update Status

Check For Update

North Carolina Trip Ticket System - version 7.5.6 - [Trip Ticket]
What happens to trip tickets when they arrive at DMF?

- Tickets received by mail and electronic submission
- Mail processed
- Screening
- Double key entry
- Warning reports
- Port agent review
- Data clerks make edits
- Filed and stored
What happens to trip tickets when they arrive at DMF?

- E-data is processed automatically
- SAS Programs print e-data
- Port agents access data on shared drive
- Warnings reports
- Port agent review
- Data clerks make edits
- Filed and stored
How do we ensure data quality?

• Self-reported program
• Our Trip Ticket Program is considered to be a leader in data quality

• Steps to ensure data quality:
  • Screening
  • Double key entry
  • Warning reports
  • Port agent review
  • Edit processes
  • Stage edit review
  • Analytical review

• Marine patrol support
• Port agent visits
How is compliance handled?

- Non-reporter process
- Data accuracy
- Mandatory Electronic Reporting
How are we funded and who are we?

- State and federally funded
- Data Clerks
- Port Agents
- Port Agent Supervisor
- Trip Ticket Software Program Support/Quota Monitoring Biologist
- Trip Ticket Program Analyst
How busy are we?
How busy are we?
How busy are we?
What is trip ticket data used for?

- Characterization of commercial fisheries
  - Fisheries management plans-state and federal
  - Stand alone reports
- Input for stock assessments
  - State
  - Regional (southern flounder and ASMFC)
  - SEDAR
  - SAW/SARC
- Socio-economic assessments
  - Fisheries management plans-state and federal
  - Regional assessments
- Grant Reports
- Compliance Reports
- Stock Status Overview
- Eligibility Pool
- Lease Production
- Economic Aid Programs/Reports
- Data Requests
  - Public and media
  - University students and researchers
  - Other state agencies
  - Other DMF staff and sections
What types of analyses can be done with trip ticket data?

![Graph 1: Spotted Seatrout Pounds vs Year](image1)

![Graph 2: Spotted Seatrout Trips vs Year](image2)

![Graph 3: Spotted Seatrout Dealers, Participants, and Vessels vs Year](image3)
What types of analyses can be done with trip ticket data?

- Sandbar shark
What types of analyses can be done with trip ticket data?

- Sandbar shark

<table>
<thead>
<tr>
<th>Market Grade/Size</th>
<th>Pounds</th>
<th>Percent</th>
</tr>
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<tbody>
<tr>
<td>Mixed</td>
<td>323,257</td>
<td>90.35</td>
</tr>
<tr>
<td>Small</td>
<td>4,820</td>
<td>1.35</td>
</tr>
<tr>
<td>Medium</td>
<td>15,203</td>
<td>4.25</td>
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<tr>
<td>Large/Jumbo</td>
<td>14,487</td>
<td>4.05</td>
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</tbody>
</table>

![Graph showing trip duration and pounds over years](image1)

![Graph showing pounds and ex-vessel value by month](image2)
What types of analyses can be done with trip ticket data?

• Dusky Shark

![Pie charts showing percent trips and hull material type and propulsion types.](image-url)
What types of analyses can be done with trip ticket data?

- Sandbar Shark

<table>
<thead>
<tr>
<th>Vessel Characteristic</th>
<th>Vessels</th>
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<tbody>
<tr>
<td>Average Age</td>
<td>15</td>
</tr>
<tr>
<td>Average Horse Power Rating</td>
<td>342</td>
</tr>
<tr>
<td>Average Number of Engines</td>
<td>1</td>
</tr>
<tr>
<td>Average Gross Tons</td>
<td>34</td>
</tr>
<tr>
<td>Average Length</td>
<td>37</td>
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</table>

<table>
<thead>
<tr>
<th>Demographic Characteristic</th>
<th>Result</th>
<th>Number of Fishermen</th>
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<tbody>
<tr>
<td>Average Age</td>
<td>43</td>
<td>250</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Female</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>145</td>
<td></td>
</tr>
<tr>
<td>Race</td>
<td></td>
<td></td>
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<tr>
<td>American Indian</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Asian/Pacific Islands</td>
<td>1</td>
<td></td>
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<tr>
<td>Caucasian</td>
<td>143</td>
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What types of products do we produce?

- Seafood Dealer report
- Landings bulletins
- Big Book of Data
- Grant reports
- Project reports
### Other Programs within the Trip Ticket Program

- Quota Monitoring
- Permitted Species
- Summer Flounder
- Black Sea Bass (NoCH)
- Spiny Dogfish
- Striped Bass
- Ad-Hoc Species
- Red Drum
- Red Snapper
- Eel Pot Monitoring

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#### Cumulative Totals

<table>
<thead>
<tr>
<th>Species</th>
<th>2019 Quota</th>
<th>2019 Harvest To Date</th>
<th>2019 Transfer</th>
<th>Remaining Quota</th>
<th>Current Proclamation</th>
<th>Trip Limit (pounds)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total 2019 Summer Flounder</td>
<td>1,650,636</td>
<td>641,636</td>
<td>3,270</td>
<td>1,146,734</td>
<td>FF-8-2019</td>
<td>22,500 (off-season)</td>
<td>Opened 4/14/2019 Closed 8/30/2019</td>
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<tr>
<td>2019 Black Sea Bass of Cape Hatteras</td>
<td>387,200</td>
<td>111,400</td>
<td>0</td>
<td>275,800</td>
<td>FF-6-2019</td>
<td>3,000</td>
<td>Opened 4/14/2019 Closed 8/30/2019</td>
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<tr>
<td>2019/2019 Spiny Dogfish</td>
<td>3,655,036</td>
<td>1,270,645</td>
<td>0</td>
<td>2,384,391</td>
<td>FF-6-2017</td>
<td>20,000</td>
<td>Opened 11/16/2018 at 5:00pm Closed 4/30/2019</td>
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<tr>
<td>A.O. Striped Bass</td>
<td>300,300</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>TROLL</td>
<td>200,120</td>
<td>0</td>
<td>0</td>
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<tr>
<td>SEINE</td>
<td>100,120</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>FF-5-17</td>
<td>150 fish/day</td>
<td>Closed 4/12/2018 Closed 4/14/2018</td>
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<tr>
<td>GILL NET</td>
<td>100,120</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>FF-5-17</td>
<td>50 fish/day</td>
<td>Closed 4/12/2018</td>
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<td>ASMGA Striped Bass</td>
<td>137,500</td>
<td>75,483</td>
<td>0</td>
<td>61,017</td>
<td>FF-3-19</td>
<td>20 fish/day</td>
<td>Closed 4/30/2019</td>
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<tr>
<td>EMA Striped Bass</td>
<td>25,000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>FF-6-18</td>
<td>10 fish/day</td>
<td>Closed 4/30/2018</td>
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</table>

* All figures are in pounds unless otherwise noted.

#### Daily Tags/Pounds

<table>
<thead>
<tr>
<th>Date</th>
<th>Summer Flounder</th>
<th>Black Sea Bass</th>
<th>Striped Bass</th>
<th>Spiny Dogfish</th>
<th>ASMGA Trawl</th>
<th>ASMGA GILL Net</th>
<th>ASMGA/EMA</th>
<th>STLB/CEMA</th>
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</thead>
<tbody>
<tr>
<td>11/16-12/12/2018</td>
<td>272,370</td>
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<td></td>
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<tr>
<td>1/1-3/31/2019</td>
<td>350,201</td>
<td>57,503</td>
<td>441,149</td>
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<td>2,031,948</td>
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<tr>
<td>3/1-5/31/2019</td>
<td>278,342</td>
<td>52,845</td>
<td>528,025</td>
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<td>1,193,893</td>
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<tr>
<td>5/1-7/31/2019</td>
<td>1</td>
<td>1,048</td>
<td>27,497</td>
<td></td>
<td>15,935,630</td>
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</tbody>
</table>
| **Note:** Confidential data for black sea bass, flounder, and spiny dogfish. Must be summarized before distributing.
Other Programs in License and Statistics

• Coastal Angling Program
  • Marine Recreational Information Program (MRIP)
  • Central/Southern Management Area Survey
  • Mail Surveys

• Socioeconomic Program
  • Seafood Dealers
  • Commercial Fishermen
  • Recreational Fishermen
  • Pier Owners
  • Lease Holders
Questions?