

# ATLANTIC COASTAL COOPERATIVE STATISTICS PROGRAM

*Our vision is to be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners.*



## **Vision**

To be the principal source of fisheries-dependent information on the Atlantic coast through the cooperation of all program partners

## **Mission**

Produce dependable and timely marine fishery statistics for Atlantic coast fisheries that are collected, processed and disseminated according to common standards agreed upon by all program partners.

## **Values**

- Accurate data is required for good fisheries management decisions.
- Coordination and collaboration among the program partners are essential for success.
- The Program must be responsive to the changing needs for fisheries data.
- Processes must be open and transparent but confidential data must be protected.
- Data shall be accessible and easy to use.
- Responsibilities should be matched with available resources.

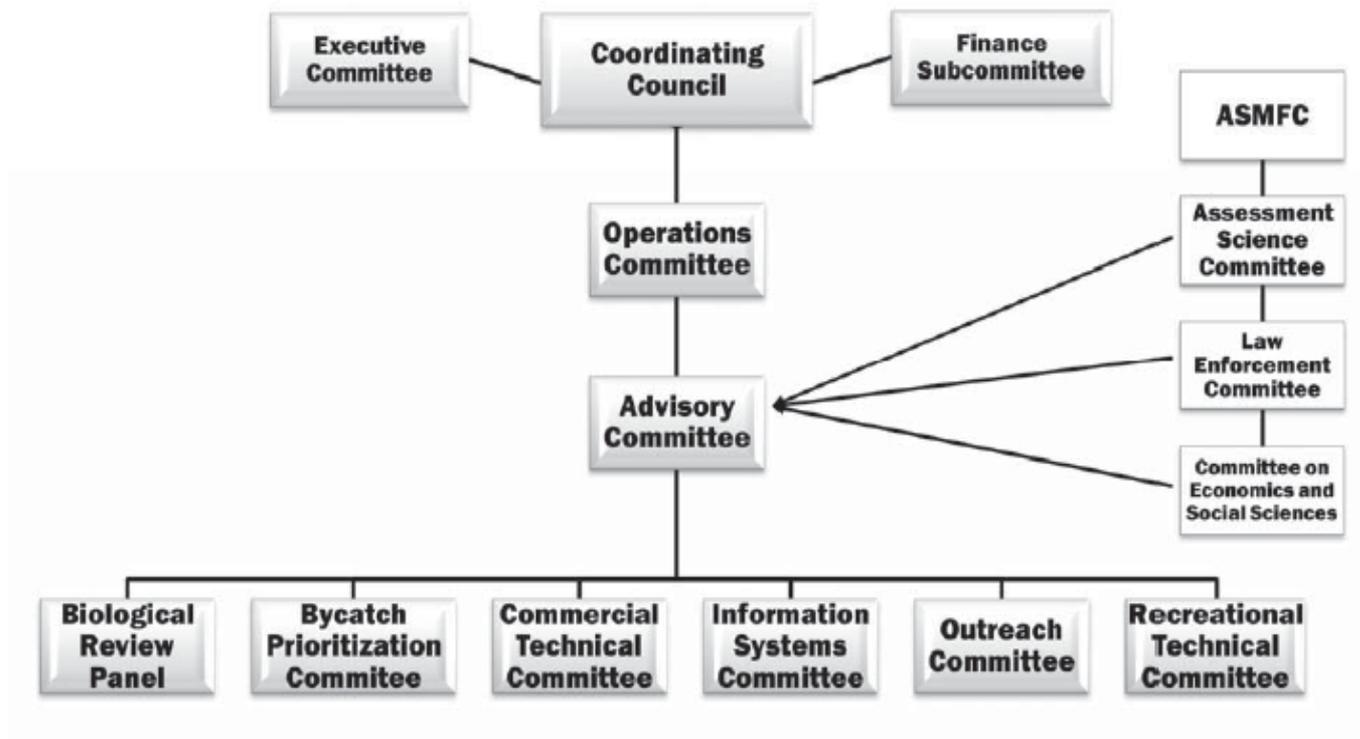
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# Program Partners



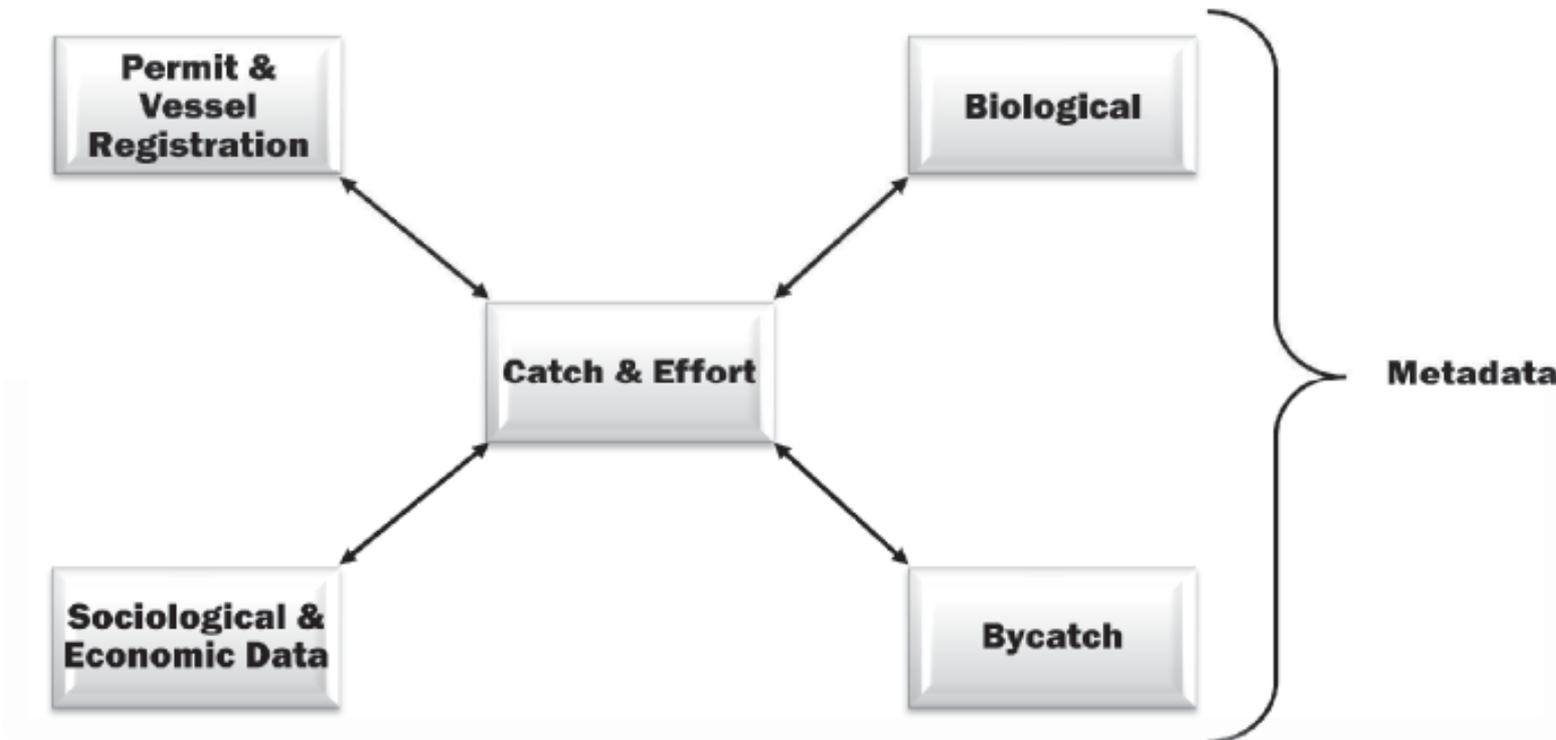
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## COMMITTEE ORGANIZATION OF THE ACCSP AND RELATION WITH THE ASMFC



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## COMPONENTS OF THE ACCSP DATA COLLECTION PROCESS



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## TRIP LEVEL INFORMATION COLLECTED BY ATLANTIC COAST DEALERS AND/OR COMMERCIAL FISHERMEN

B = Collected from dealer *and* commercial fishermen

D = Collected from dealer

F = Collected from commercial fishermen

P = Preprinted

*\* required fields are noted with asterisk*



| DATA ELEMENT                      | DESCRIPTION / CRITERIA   | COLLECTED |
|-----------------------------------|--|-----------|
| Form Type/Version Number          | - Version identification number for the ACCSP reporting form<br>- Data management purposes only  | P         |
| Reporting Form Series Number      | - Individual number for each reporting form (i.e., trip ticket number)<br>- This is to be assigned by the partner collecting the data<br>- This data element may be blank in dual reporting systems<br>- Data management purposes only | P         |
| Trip Start Date *                 | - Date the trip started  | B         |
| Vessel Identifier *               | - Unique vessel identifier such as US Coast Guard documentation or state registration number and the HIN   | B         |
| Individual Fisherman Identifier * | - Identifier unique to an individual fisherman which<br>- This is traceable through time and space   | B         |
| Dealer Identification *           | - Identifier for the dealer at the point of each transaction / In the case of multiple dealers, the landings would be recorded separately for each dealer<br>- See Appendix C, Table B-3   | B         |
| Unloading Date                    | - Date of the landing at the dealer<br>- May be more than one unloading date per trip  | B         |
| Trip Number *                     | - Sequential number representing the number of a trip taken in a single day by either a vessel or individual<br>- Trip number will default to "one" (1) when only a single trip is conducted   | B         |

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|                                    |   |   |
|------------------------------------|---|---|
| <b>Species *</b>                   | <ul style="list-style-type: none"> <li>- Genus and species for each species landed, sold, released, or discarded</li> <li>- Each species should be identified separately</li> <li>- See Appendix C, Table B-8</li> </ul>  | B |
| <b>Quantity *</b>                  | <ul style="list-style-type: none"> <li>- Amount that is landed, sold, released, or discarded</li> <li>- Represented in whole pounds, numbers, or some other appropriate unit of measurement of each marine species</li> <li>- Quantity of protected species should be measured in numbers</li> <li>- This data element is linked to the units of measurement and disposition code for exact characterization of the quantity</li> <li>- For some species (especially protected species) these data are needed on a set basis</li> </ul> | B |
| <b>Units of Measurement *</b>      | <ul style="list-style-type: none"> <li>- Landed units</li> <li>- See Appendix C, Table B-3</li> </ul>   | B |
| <b>Disposition *</b>               | <ul style="list-style-type: none"> <li>- Fate of the catch</li> <li>- Examples include releases, discards, bait, industrial use, personal consumption, marine mammal interactions, etc.</li> <li>- Disposition codes should be used to categorize bycatch data</li> <li>- Disposition of releases and discards should be recorded as regulatory versus market and dead versus alive</li> <li>- See Appendix C, Table B-5</li> </ul>   | B |
| <b>Ex-vessel Value or Price</b>    | <ul style="list-style-type: none"> <li>- Dollar value or price for each species that is landed or sold</li> <li>- Partners must collect one or the other either through the dealer reporting system or through a separate survey</li> </ul>   | D |
| <b>County or Port Landed *</b>     | <ul style="list-style-type: none"> <li>- Location within a state where the product was landed</li> <li>- See Appendix C, Table B-9</li> </ul>   | B |
| <b>State Landed *</b>              | <ul style="list-style-type: none"> <li>- State where the product was landed or unloaded</li> <li>- See Appendix C, Table B-9</li> </ul>   | B |
| <b>Market Size*</b>                | <ul style="list-style-type: none"> <li>- Market categories that affect price</li> <li>- See Appendix C, Table B-6</li> </ul>  | D |
| <b>Grade (Landing Condition) *</b> | <ul style="list-style-type: none"> <li>- Grade categories that affect price</li> <li>- See Appendix C, Table B-7</li> </ul>   | D |

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|                            |  |   |
|----------------------------|--|---|
| <b>Gear *</b>              | - Type(s) of gear used to catch the landed species<br>- See Appendix C, Table B-4  | F |
| <b>Quantity of Gear *</b>  | - Amount of gear employed<br>- Quantity of gear should be recorded for each specific gear type<br>- See Table 2                    | F |
| <b>Number of Sets *</b>    | - Total number of sets or tows of gear during a trip<br>- See Table 2  | F |
| <b>Fishing Time *</b>      | - Total amount of time (usually in hours) that the gear is in the water<br>- See Table 2   | F |
| <b>Days/Hours at Sea *</b> | - Time from the start of the trip to the return to the dock  | F |
| <b>Number of Crew *</b>    | - Number of crew (including the captain on each trip)  | F |
| <b>Area Fished *</b>       | - NOAA Fisheries Service statistical area where fishing occurred<br>- See Appendix D   | F |
| <b>Distance From Shore</b> | - Determination of catch distance from shore<br>- Ranges include unknown, inland, inshore, EEZ, and international                  | F |
| <b>Sale Disposition</b>    | - Fate of catch (i.e., where the catch was sold)<br>- Examples include sold to dealer, private/dockside sale, and no-sale/retained | B |

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**Table 2: STANDARD MEASUREMENTS OF GEAR QUANTITY, FISHING TIME, & SETS**

| TYPE OF GEAR               | QUANTITY                             | FISHING TIME                         | # SETS                            |
|----------------------------|--------------------------------------|--------------------------------------|-----------------------------------|
| Traps and Pots             | # of traps and pots pulled           | Total soak time for each pot or trap | # of strings hauled               |
| Trawls                     | # of trawls towed                    | Total tow time of each trawls        | # of tows                         |
| Gill Nets<br>Entanglements | Float line length for string         | Total soak time                      | # of strings/hauls                |
| Longlines                  | # of gangions/hooks                  | Total soak time                      | # of hauls or # of strings hauled |
| Dredges                    | # pulled                             | Total tow time                       | # of tows                         |
| Nets                       | # of pieces of apparatus             | Search time                          | # of hauls/throws                 |
| Rod and Reel               | # of lines (# of hooks is secondary) | Total soak time                      | n/a                               |
| Purse Seines               | Length of floatline                  | Total search time                    | # of sets                         |
| Hand Gear                  | # of lines (# of hooks is secondary) | Total soak time                      | n/a                               |
| Harpoons                   | #                                    | Total search time                    | # of throws                       |

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The confidentiality policy of the Program is a strict interpretation of the “Rule of 3”, that is three or more dealers, fishermen, and vessels must be included for a summary record to be presented. Other criteria may be necessary to ensure data confidentiality as well. Constituents who agree to release their data to the general public must sign a confidential access agreement to allow release of those data by the Data Warehouse.

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# What does ACCSP offer?



## Products & Services

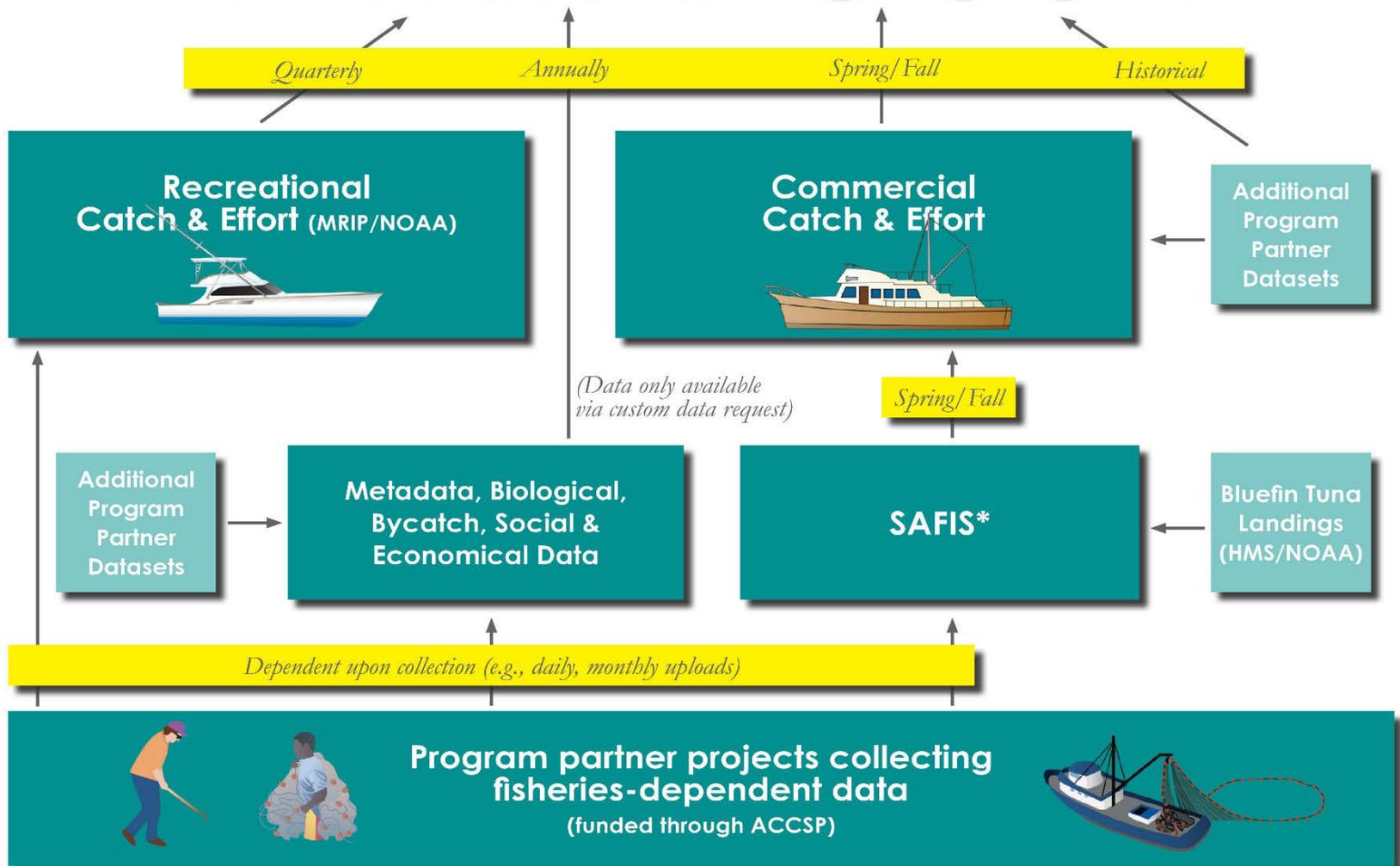
**Program  
partner  
projects**

**Data  
Warehouse**

**Standard  
Atlantic  
Fisheries  
Information  
System (SAFIS)**

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# DATA WAREHOUSE



\* While there are recreational data collected through SAFIS, those data are not uploaded to the Data Warehouse. Currently, those data are used dependent upon the needs of the individual states.

# Standard Atlantic Fisheries Information System



- **SAFIS is a real-time, web-based reporting system for landings and catch on the Atlantic coast**
- **Originally deployed in Rhode Island in 2003**
- **All federal dealer started reporting through SAFIS in 2004**

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# SAFIS Applications



## Applications

### eDR

*Mobile versions under  
development  
(eDR/m)*

### eTRIPS

*The only application  
with a mobile version  
(eTRIPS/m)*

### e-1Ticket

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# How are the data used?



## Quota Monitoring/Compliance

- **Up-to-date information on species caught and the impact on fisheries**
- **Confidential access to data-of-record by fishermen & dealers**
- **Partner-owned data (e.g., participants, online permits, & vessels)**

## Fisheries Management

- **Stock assessments**
- **Briefings for ASMFC, regional councils, & advisory panels**
- **Congressional requests**
- **Fisheries of the US**
- **Biological opinion for Endangered Species Act listing**

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# Progress in New England



**2003**

**Today**

**ME DMR, NH FGD, MA DMF, RI DEP, CT DEEP, & all Northeast federal dealers progress from:**

**Trip reports (presented as monthly) to  
Mixed trip reports and monthly summaries to  
Trip reports (all fisheries)**

**Most using SAFIS for dealer reporting**

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