

Standard Atlantic Fisheries Information System



The Standard Atlantic Fisheries Information System (SAFIS) is a real-time, web-based reporting system for catch and effort landings on the Atlantic coast created by the program partners of the Atlantic Coastal Cooperative Statistics Program (ACCSP).

In 2003, the program partners created SAFIS to meet the increasing need for real-time commercial landings data. With this system in place, ACCSP diversified from a data storage program to include a data collection program. In the past ten years, SAFIS has grown to include five distinct applications - and not just for commercial landings, but also recreational (see reverse side for more on each application). It is important to recognize that while the five SAFIS applications function independently, all are kept within the same database and share standards and codes that are ACCSP compliant. While SAFIS enables data to be transferred directly into the Data Warehouse (the ACCSP online database populated with Atlantic coast fishery-dependent data), those data are still collected under the authority of the associated program partners.

Fisheries scientists along the Atlantic coast use the information uploaded by dealers and fishermen into SAFIS to monitor how often reports are entered. Being able to monitor these reports, entered in real time, ultimately allows for a more sustainable fishery. This also allows for a fishery where catch does not rise and fall haphazardly. For instance, when a dealer in Rhode Island goes on vacation and comes back to work and enters in a late landing of 6,000 pounds of black sea bass into SAFIS, it can send quota for that species off into a tailspin. Fisheries scientists in Rhode Island are examining that type of behavior and working with dealers and fishermen to keep more consistent reporting patterns. With more consistent reporting pattern and an increase in communication between scientists, dealers, and fishermen, quotas each quarter are not fluctuating as much as in previous years. With an increase of understanding of the overall goal of SAFIS, dealers and fishermen are using the system more and more.

Using data from the SAFIS Management System application, Rhode Island Division of Fish and Wildlife is able to provide the public with weekly updates on commercial quotas. The public can monitor how much quota are remaining and how quickly the landings are coming in, etc. This website is reviewed prior to posting to ensure only non-confidential data are presented.

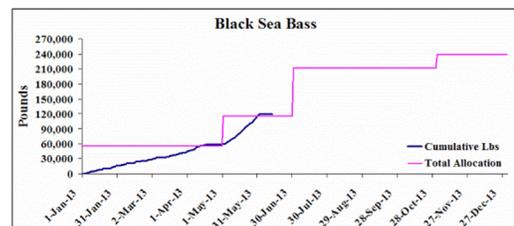
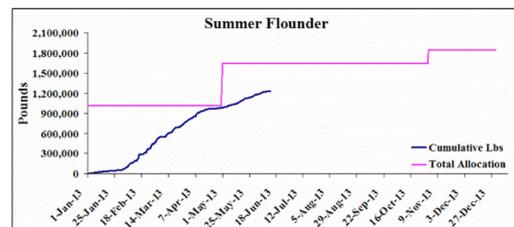
Benefits of SAFIS

- Fulfills state and federal reporting requirements through online data entry and eliminates duplicative reporting
- Provides up-to-date information on species caught and their impact on fisheries and quotas
- Allows for flexibility in creating favorites (e.g., species, gears, fishermen, dealers) so reporting is quick and easy
- Incorporates an integrated price board to automatically generate pricing information
- Management tools facilitate maintenance of partner-owned data such as participants, online permits, and vessels
- Allows for confidential access to data-of-record by fishermen and dealers



Rhode Island Quota Monitored Species Tracking Graphs

*These are preliminary landings and are subject to change



SAFIS Applications

The following is a brief description on the five SAFIS applications, along with the program partners with access to the application and the year it was integrated.

Electronic Dealer Reporting (eDR):

eDR is a web-based application that allows dealers to enter an electronic dealer report. Fields that must be entered for a completed report include fisherman, port, date landed, time landed, date purchased, vessel number, species, disposition, gear, quantity, and price.

eDR has a unique price board feature that allows for the price of a species to be saved for 14 days. It will automatically be adjusted to all reports for that time frame and can be incorporated to any incomplete reports. After 14 days the price must be re-entered. When reports are completed electronically an interactive report can be made to view progress and history of landings.

Program partners using eDR include Maine Department of Marine Resources (ME DMR) - 2006, New Hampshire Fish and Game Department (NH FGD) - 2004, Massachusetts Division of Marine Fisheries (MA DMF) - 2004, RI DFW - 2004, Connecticut Department of Energy and the Environment (CT DEEP) - 2004, New York State Department of Environmental Conservation (NYS DEC) - 2007, New Jersey Division of Fish and Wildlife (NJ DFW) - 2005, Delaware Division of Fish and Wildlife (DE DFW) - 2005, Maryland Department of Natural Resources - 2004, and NOAA Fisheries - Northeast Regional Office - 2004.

Electronic Trip Reporting (eTRIPS):

eTRIPS is a web-based application that compiles catch and effort data from fishermen. Trip reports, or log books in some fisheries, provide catch and effort data from a permitted fishing entity (fishermen or a vessel) or a single vessel. Trips may be categorized as commercial, party/charter, or recreational.

This application allows fishermen to create trip reports after entering in the required fields in the trip, effort and

catch categories. Similar to the eDR application interactive reports can be made to illustrate progress and history of catch and effort.

Program partners using eTRIPS include MA DMF - 2008, RI DFW - 2010, CT DEEP - 2009, NYS DEC - 2008, NJ DFW - 2008 and MD DNR - 2010.

Electronic Voluntary Recreational Logbooks (eLogbook):

eLogbook is a web-based application that collects data from private recreational anglers on a voluntary basis. eLogbook formulates summaries of information on all species caught by the angler. This valuable tool is a way to provide narrow strategies for any given set of conditions and is a more efficient way for anglers to take a look at the past and save the daily entries.

Program partners using eLogbook include MA DMF - 2009, RI DFW - 2010, NJ DFW - 2008, DE DFW - 2011, and MD DNR - 2010.

Electronic Single Trip Ticket Reporting (e-1Ticket):

e-1Ticket is a web-based application providing the ability to collect trip/effort/catch data and simultaneously create a dealer report.

Program partners using e-1Ticket include South Carolina Department of Natural Resources - 2011, Georgia Department of Natural Resources - 2011, and NOAA Fisheries Southeast Regional Office - 2011

SAFIS Management System (SMS):

SMS is a web-based application providing administrative tools to SAFIS administrators for management of information such as user accounts, participants, or permits. It is often used to monitor quotas. Any program partner that utilizes eDR, eTRIPS, eLogbook, or e-1Ticket has access to SMS.

For more information about SAFIS please visit <http://www.accsp.org/safis.htm>.

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