

Get to Know the Data Warehouse

The Data Warehouse is an on-line database populated with fishery-dependent data supplied by the 23 program partners of Atlantic Coastal Cooperative Statistics Program (ACCSP).



The Data Warehouse is an online database populated with Atlantic coast fishery-dependent data that gives users the ability to create a query with an exclusively fine-tuned level of detail for Atlantic coast fisheries. What makes the Data Warehouse unique is that it harmonizes data received from program partners into one integrated set of codes for variables such as species, gear, and fishing area. Also, it provides additional value to the fishery-dependent data with time-saving tools (such as exporting pivot tables and the ability to email workbooks) and attractive reports tailored to the needs of users.

The Data Warehouse has a wide variety of users, including anyone interested in Atlantic coast fishery-dependent data, such as fishery managers, stock assessment scientists, writers, historians, commercial and recreational fishermen, students, NGO employees, as well as federal, state, or local government employees.



Sorting species collected from survey.
Image (c) Spud Woodward, GA DNR - Coastal Resources Division

How are the Data Used?

Many people become aware of ACCSP through the stock assessment process. Recently, ACCSP has become increasingly involved in numerous data workshops for Atlantic coast stock assessments. Genny Nesslage, Senior Stock Assessment Scientist with the Atlantic States Marine Fisheries Commission (ASMFC), had this to say about the ACCSP participation during the data workshop, "ACCSP is essential to the stock assessment process. They help scientists ensure all sources of commercial landings data have been accurately reported, vetted, and summarized prior to use in a stock assessment. When necessary, ACCSP readily provides custom data queries and analyses that help scientists address vital questions about changes in fisheries dynamics."

However, ACCSP contributes to many other fisheries-related tasks, including:

- Briefings for ASMFC, regional councils, and advisory panels to evaluate potential management actions
- Fisheries of the United States (publication by National Oceanic and Atmospheric Administration)
- Congressional requests about American lobster and other key species
- Comprehensive Spatial Data on Biological Resources and Uses in Southeastern Coastal Waters of the U.S. (report prepared by South Carolina Department of Natural Resources)
- Life on the Edge: America's Atlantic Coast (film by Moments with Nature)
- Ecosystem Based Fisheries Management for Chesapeake Bay - Striped Bass (report prepared by U.S. EPA Chesapeake Bay Program, the Maryland Department of Natural Resources, and the Maryland Sea Grant College Program)
- Endangered Species Act biological opinion for smooth hound listing

What data are available?

The chart below reflects the level of detail of the commercial catch and effort data in the Data Warehouse. More importantly, this chart shows how collection methods have evolved. The broadest level of catch and effort data in the Data Warehouse is annual summaries dating back to 1950.

Data Warehouse users can also query or request recreational catch and effort data. The data since 2004 have been updated in conjunction with the Marine Recreational Information Program estimation methodology released in early 2012. For the most up to-date snapshot of available commercial and recreation catch and effort data (i.e., the timing of updates varies by program partners), please visit <http://grouper.accsp.org:8080/myJSPs/SOAD.jsp>.

Additionally, users have access to available biological data, such as American lobster from 1981 - 2007 and Atlantic herring from 2002 - 2010. Currently, this information is only available through a custom data request (see next section).



Commercial mullet fishery.
Image (c) NC DMF

How to access the data?

As of 2013, users can access the Data Warehouse publicly (i.e., no username or password required) or by creating a non-confidential or confidential account. The benefits to creating an account is that users have the ability to save queries and return to them time and time again. Also, ACCSP can work with users who submit a custom data request. If you have a unique question or cannot retrieve the data you desire from the Data Warehouse, you can download a Custom Data Request Form at http://www.accsp.org/Forms/ACCSPCustom_Data_Request_Form.pdf.

Status of Commercial Catch & Effort Data Collection

	1950 - 1977	1978 - 1985	1986 - 1988	1989	1990 - 1993	1994	1995 - 2000	2001 - 2003	2004	2005	2006	2007 - Today
ME DMR												
NH FGD												
MA DMF												
RI DFW												
CT DEEP												
NYS DEC												
NJ DFW												
DE DFW												
MD DNR												
VMRC												
NC DMF												
SC DNR												
GA DNR												
FL FWCC												

This chart illustrates how data are collected at the partner level and the level of detail at which those data are submitted to the Program. For example, 'Trip reports (presented as monthly summaries)' means that data were collected by partners at the trip-level and submitted as monthly summaries to NOAA Fisheries or ACCSP. The Program began receiving all data directly from partners in 2007.

WHAT DO THE COLORS REPRESENT?

Annual summaries
Monthly summaries
Trip reports represented as monthly summaries
Mixed trip reports and monthly summaries
Trip reports (all fisheries)

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