Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:

For-hire cost/ earnings survey

1.2. Summary description of the data:

Nearly 1.6 million passengers fished aboard for-hire recreational fishing vessels during 2011 in the Northeast United States (ME - NC). While the National Marine Fisheries Service (NMFS) regularly collects detailed catch, effort, and expenditure information from anglers fishing aboard for-hire vessels, no data are collected about the business structure and costs of the marine for-hire fishing industry operating in the Northeast. This study is intended to fill that gap.

Survey results show that the overall financial condition of marine recreational for-hire fishing businesses in the Northeast is mixed. Assets exceed liabilities by over four times for the average charter and head boat, and over 90% of charter and head boat owners carry insurance coverage. This implies that a rather strong financial for-hire fishing fleet exists in the Northeast. The results also reveal that the average charter boat produced only a little over $5.1 thousand in net income in 2010 and that over half of the charter boats in the Northeast actually incurred higher expenses than revenues in 2010. In contrast, the average head boat generated over $95.1 thousand in net income in 2010 although median net income per head boat was lower at $50.1 thousand.

In addition to providing a detailed overview of the operating structure of the "average" Northeast for-hire head boat and charter boat, we constructed an input-output model to estimate the economic activity that for-hire businesses contribute to the Northeast's economy as measured by total employment, labor income, and sales. Model results show that in 2010 the for-hire industry earned $140.3 million in revenue, generated $50. 4 million in income to owners, hired captains, crew/mates, and office staff, and employed over 6,200 individuals. The multiplier effects of this activity were substantial. An additional $193.7 million in sales, $66.5 million in income, and 1,290 jobs in other businesses in the Northeast were supported by the for-hire industry through indirect and induced transactions. Service businesses (real estate, food services, marinas, repair shops, etc.), wholesale and retail trade businesses (sporting goods stores, bait shops, gas stations, etc.), and manufacturing businesses (fishing gear manufactures, fuel refineries,

commercial fishermen [bait], etc.) were the enterprises most reliant on the for-hire fleet. Over 700 service sector jobs, 360 wholesale and retail trade jobs, and 63 manufacturing jobs were dependent upon the for-hire fleet in the Northeast in 2010. In total, an estimated 7,530 jobs, in the overall Northeast regional economy, were supported by the active for-hire fleet in 2010.

1.3. Is this a one-time data collection, or an ongoing series of measurements?
One-time data collection

1.4. Actual or planned temporal coverage of the data:
2011-01 to 2011-07

1.5. Actual or planned geographic coverage of the data:
Northeast United States (ME - NC)

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Table (digital)

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)
Instrument: not applicable
Platform: not applicable
Physical Collection / Fishing Gear: not applicable

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:
Scott Steinback

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:
scott.steinback@noaa.gov

2.5. Phone number:
508-495-4701

3. Responsible Party for Data Management

Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:

Scott Steinback

3.2. Title:

Data Steward

4. Resources

Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?

Yes

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):

Unknown

5. Data Lineage and Quality

NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Lineage Statement:
survey responses were key-punched and audited by a contract firm with recreational fisheries data collection expertise. Later, they were tested in SAS for internal consistency. Outliers and inconsistent observations were eliminated.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

Survey responses were tested in Statistical Analysis Software (SAS) for internal consistency. To maximize the useable responses, outliers and inconsistent observations were eliminated without removing the entire record.[5] Although it would have been preferable to use only data from respondents who completed every relevant survey question, the amount of data available did not allow for this more restrictive interpretation of a response. Thus, incomplete records were included in the financial assessments under the assumption that the sample responses reflect the true population parameters. Reasonable sample sizes exist for all reported results, so the sample

responses are considered representative of the entire for-hire fleet in the Northeast. Additionally, missing income and cost values were converted to zero values when appropriate, and because of difficulty assigning financial data to a particular vessel, cost and earnings information from vessel owners who owned both charter and head boats were excluded from the financial analyses.

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?

Yes

6.1.1. If metadata are non-existent or non-compliant, please explain:

6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:

https://www.fisheries.noaa.gov/inport/item/27523

6.4. Process for producing and maintaining metadata

(describe or provide URL of description):

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf

7. Data Access

NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?

Yes

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:
Northeast Fisheries Science Center (NEFSC)

7.2.1. If data hosting service is needed, please indicate:

7.2.2. URL of data access service, if known:

7.3. Data access methods or services offered:
NEFSC Data Access Procedure:

1. Formal request in writing usually to the data owner/contact or Center Director;

2. Requester is contacted by data owner to review and verify the request content and details for data delivery options.

3. If data is confidential then owner will determine if the data may be released to the requester;

4. If data can be released, the data is downloaded and packaged for delivery electronically; or the requester may be directed to where the data is available online.

7.4. Approximate delay between data collection and dissemination:
not applicable

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:
not applicable

8. Data Preservation and Protection

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:
(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)
OTHER

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):

Northeast Fisheries Science Center - Woods Hole, MA

8.3. Approximate delay between data collection and submission to an archive facility:
none

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?
Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection

Archival of source data preserving unaltered collected data, Scheduled backups, Remote storage backups, Password protection

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.