1. INTRODUCTION
This data represents commercial fishery landings (million lbs) by port in the northeast United States and was created for the Northeast Ocean Planning Baseline Assessment. Commercial fishery landings data was acquired from the National Marine Fisheries Service (NMFS) federal dealer purchase records, 2012, for the New England and Mid-Atlantic regions. The data was compiled in 2014 for the project entitled ‘An empirical Analysis of Portfolio Management as a Tool for Implementing Ecosystem Based Fishery Management,’ under award numbers NA09OAR430129 (Cooperative Institute for the North Atlantic Region) from the National Oceanic and Atmospheric Administration, US Department of Commerce. Port location data was acquired from National Geospatial-Intelligence Agency (NGA) World Port Index and USHarbors.com.

Landings category groupings are:
- Sea scallops – NOAA category ‘BFS’
- Lobster – NOAA category ‘BML’
- Other bivalves – NOAA category ‘BFF1’
- Other shellfish – NOAA category ‘BMS’, ‘PWN2’, and 50% of ‘others’*
  *For the port Jonesport, 90% of ‘others’ is included in this category
- Finfish – all NOAA categories not captured above

2. PURPOSE
This data was prepared for the Northeast Ocean Planning Baseline Assessment.

3. SOURCES AND AUTHORITIES
- National Marine Fisheries Service (NMFS) federal dealer purchase records for the New England and Mid-Atlantic regions.
- National Geospatial-Intelligence Agency (NGA) World Port Index
4. DATABASE DESIGN AND CONTENT
Native storage format: ArcGIS File Geodatabase – simple feature class

Data Dictionary:

<table>
<thead>
<tr>
<th>Line</th>
<th>Name</th>
<th>Definition</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>OBJECTID</td>
<td>Uniquely identifies a feature</td>
<td>Object ID</td>
<td>*</td>
</tr>
<tr>
<td>2</td>
<td>PORT_NAME</td>
<td>Name of port</td>
<td>string</td>
<td>255</td>
</tr>
<tr>
<td>3</td>
<td>COUNTRY</td>
<td>Country the feature is found within</td>
<td>string</td>
<td>255</td>
</tr>
<tr>
<td>4</td>
<td>sea_scallops</td>
<td>Million lbs of landings, per port, of NOAA category ‘BFS’</td>
<td>double</td>
<td>*</td>
</tr>
<tr>
<td>5</td>
<td>other_bivalves</td>
<td>Million lbs of landings, per port, of NOAA category ‘BFF1’</td>
<td>double</td>
<td>*</td>
</tr>
<tr>
<td>6</td>
<td>lobster</td>
<td>Million lbs of landings, per port, of NOAA category ‘BML’</td>
<td>double</td>
<td>*</td>
</tr>
</tbody>
</table>
|      | other_shellfish    | Million lbs of landings, per port, of NOAA category ‘BMS’, ‘PWN2’, and 50% of ‘others’*  
*For the port Jonesport, 90% of ‘others’ is used. | double   | *    |
|      | finfish            | Million lbs of landings, per port, of all NOAA categories not captured in sea scallops, other bivalves, lobster, and other shellfish | double   | *    |
|      | SUM_               | Total (sum) of landings (million lbs) across all categories               | double   | *    |
|      | Shape              | Geometric representation of the feature                                   | geometry | *    |
|      | STATE              | State the feature is found within                                         | string   | 50   |

Feature Class Name: CommercialFisheryLandings
Total Number of Unique Features: 16

5. SPATIAL REPRESENTATION
Geometry Type: Simple Point

Reference System: Geographic Coordinate System
Horizontal Datum: World Geodetic System 1984
Ellipsoid: World Geodetic System 1984

XY Tolerance: 8.983152841195215e-009
Geographic extent: -75.133333 dd to -67.614993 dd, 39.9 dd to 44.533333 dd

6. DATA PROCESSING
Processing environment: ArcGIS 10.3.1, Windows 7 Professional, Intel Core i5-4590 CPU

<table>
<thead>
<tr>
<th>Process Step Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Ports of interest were selected out using: A SELECT * FROM US_ports WHERE: PORT_NAME = 'GLOUCESTER' OR PORT_NAME = 'BOSTON' OR PORT_NAME = 'NEW BEDFORD' OR PORT_NAME = 'NEWPORT' OR PORT_NAME = 'STONINGTON' OR PORT_NAME = 'VINALHAVEN' OR PORT_NAME = 'ROCKLAND' OR PORT_NAME = 'PORT CLYDE' OR PORT_NAME = 'FRIENDSHIP' OR PORT_NAME = 'PORTLAND' OR PORT_NAME = 'JONESPORT' OR PORT_NAME = 'BEALS ISLAND'</td>
</tr>
<tr>
<td>3 The selected features from the US_ports service layer was exported to a feature class within a file geodatabase</td>
</tr>
<tr>
<td>4 Ports not included in the US_ports feature class include: North Kingstown Chatham Fairhaven Point Judith These ports locations were retrieved from USHarbors.com and were added to the feature class.</td>
</tr>
<tr>
<td>5 Unnecessary fields were deleted. See below for a list of deleted fields.</td>
</tr>
<tr>
<td>6 Fields were added. See below for a list of added fields.</td>
</tr>
<tr>
<td>7 In the attribute table, port landings (million lbs) data, per category, were added their corresponding field and port.</td>
</tr>
<tr>
<td>8 Field Calculator was run to populate the SUM_field with the equation SUM_ = [sea_scallops] + [other_bivalves] + [lobster] + [other_shellfish] + [finfish]</td>
</tr>
<tr>
<td>9 State abbreviations were manually entered in the STATE field.</td>
</tr>
</tbody>
</table>
List of deleted fields (process step 5):

INDEX_NO          MAX_VESSEL          MED_FACIL
REGION_NO          HOLDGROUND          GARBAGE
LATITUDE           TURN_BASIN          DEGAUSS
LONGITUDE          PORTOFENTR         DRTYBALLST
LAT_DEG            US_REP              CRANEFIXED
LAT_MIN            ETAMESSAGE          CRANEMOBIL
LAT_HEMI            PILOT_REQD         CRANEFLOAT
LONG_DEG            PILOTAVAIL         LIFT_100_
LONG_MIN            LOC_ASSIST         LIFT50_100
LONG_HEMI          PILOTADVSD          LIFT_25_49
PUB                TUGSALVAGE          LIFT_0_24
CHART              TUG_ASSIST          LONGSHORE
HARBORSIZE          PRATIQUE            ELECTRICAL
HARBORTYPE          SSSC_CERT           SERV_STEAM
SHELTER            QUAR_OTHER          NAV_EQUIP
ENTRY_TIDE          COMM_PHONE          ELECREPAIR
ENTRYSWELL          COMM_FAX            PROVISIONS
ENTRY_ICELONG       COMM_RADIO          WATER
ENTRYOTHER          COMM_VHF             FUEL_OIL
OVERHD_LIM          COMM_AIR             DIESEL
CHAN_DEPTH          COMM_RAIL           DECKSUPPLY
ANCH_DEPTH          CARGOWHARF          ENG_SUPPLY
CARGODEPTH          CARG_ANCH            REPAIRCODE
OIL_DEPTH           CARMDMOO            DRYDOCK
TIDE_RANGE          CARBCHMOOR          RAILWAY

List of added fields (process step 6):

sea_scallops                     other_shellfish  STATE
other_bivalves                   finfish
lobster                           SUM_

7. QUALITY PROCESS

Attribute Accuracy: Attribute values were checked through sources and authorities.

Logical Consistency: Tested through visual inspection of geometry.

Completeness: This data does not serve as an exhaustive list of port and commercial landings in the northeast United States. This data represents commercial landings of ports in the northeast region, from 2012, that was compiled in 2014 for the project.
entitled ‘An empirical Analysis of Portfolio Management as a Tool for Implementing Ecosystem Based Fishery Management,’ under award numbers NA09OAR430129 (Cooperative Institute for the North Atlantic Region) from the National Oceanic and Atmospheric Administration, US Department of Commerce.

Positional Accuracy: Intended to serve as general locations of ports at a regional scale.

Timeliness: Commercial fishery landings data from the National Marine Fisheries Service (NMFS) federal dealer purchase records represent 2012. Port locations based on best available data as of February 12, 2016.

Use restrictions: Not for navigation.