

**Town of Barnstable**  
**Marine and Environmental Affairs Department**  
1189 Phinneys Lane, Centerville MA 02632  
[www.town.barnstable.ma.us](http://www.town.barnstable.ma.us)



Natural Resources 508-790-6272  
Harbormaster 508-790-6273  
Animal Control 508-790-6274  
Sandy Neck 508-790-6272  
Gatehouse 508-362-8300 (April – Nov)

Derek Lawson, Director  
Office: 508-790-6273  
FAX: 508-790-6275

**SHELLFISH COMMITTEE**  
**MINUTES OF THE MEETING**  
**DATE: May 12, 2021**  
**TIME: 6:33 P.M. to 7:32 P.M.**

**This meeting was held via ZOOM**  
**Physically closed to the public to avoid group congregation.**

**Shellfish Committee Members present:** Stuart Rapp, Robert Lancaster, William Shumway, Paul Caruso, Patricia Farinha, Jacob Angelo, Tyler Hagenstein

**Shellfish Committee Members absent:** Al Surprenant

**General Public present:** None

**Town Council Liaison present:** Kristine Clark

**Town Staff present:** Amy Croteau, Senior Natural Resource Officer/Shellfish Constable, Jay Horn, Mooring Officer/Assistant Harbormaster

Stuart Rapp called the meeting to order, as May 12, 2021 meeting of the Shellfish Committee. Stuart Rapp read a notice at the beginning of the meeting:

*NOTICE OF RECORDING "Please note that tonight's meeting is recorded and broadcast on Channel 18 and, in accordance with MGL Chapter 30A, s. 20, I must inquire whether anyone is taping this meeting and to please make their presence known."*

**TOPICS FOR DISCUSSION**

1. **Approve Meeting Minutes:** April 14, 2021 Meeting Minutes

The Shellfish Committee unanimously voted by roll call to approve a motion made by Robert Lancaster and seconded by William Shumway to approve the April 14, 2021 Meeting Minutes as presented.

2. **Chairman’s Comments:**

3. **Natural Resources Report/Correspondence:**

A. Recreational Shellfish Permits Sold to date:

<b>Permit Type</b>	<b>2020</b>	<b>2021</b>
Resident	702	919
Senior Resident	400	654
Non-Resident	155	350
Seasonal	0	2
NR Veteran	16	20
NR Senior Veteran	39	53
<b>TOTALS</b>	<b>1312</b>	<b>1998</b>

2019-2020 Oyster Season 2,873.98 pecks harvested

2020-2021 Oyster Season 4,741.03 pecks harvested

Difference: 1867.05 more pecks harvested this past season than in any other recorded oyster season.

The extra month: during the extra month (April 1-Aprli 28) Bay Street was open for recreational oyster harvest an additional 541.74 pecks of oysters were removed from North Bay.

Contest Winner: Min Zhou from Melrose, MA oyster was 7 11/16” her daughter Iris slurped the juice and her husband ate the oyster.

There was a Cape Cod Review article on the contest.

B. **CENTERVILLE AND BUMPS RIVER CONTAMINATED QUAHOG RELAY**

**SPRING 2021 SCHEDULE  
CENTERVILLE AND BUMPS RIVER CONTAMINATED QUAHOG RELAY**

**\*MEET AT HAYWARD LANDING\***

Boat leaves the landing at the times below. Check-in is 15 minutes before time listed.

**High Tide Dates for Dragging:**

May 6<sup>th</sup>, Thursday 6:30AM-12:00PM

May 7<sup>th</sup>, Friday 7:00AM-1:30PM

**Low Tide Dates**

May 17<sup>th</sup>, Monday 8:30AM-2:00PM

May 18<sup>th</sup>, Tuesday 9:00AM-2:30PM

May 19<sup>th</sup>, Wednesday 9:30AM-3:00PM

\*Bushel baskets will be provided, but the contractor must supply all other gear.

\*Town will pay \$40 per level bushel (orange tote basket) at the end of contaminated relay season. It is your responsibility to fill out the required paperwork or you will not be paid.

\*Relays will end early if 250 bushel quota is reached. Please call Natural Resources prior to date to ensure the relay is still ongoing.

\$10,000 is budgeted for the relay.

Over 100 Bushels were harvested and relocated to East Bay. The next three days will be at low tide to allow those Commercial Shellfishermen who don't drag be able to participate if desired.

#### C. May 15, 2021 and June 1, 2021 Shellfish Area Closures

National Shellfish Sanitation Program Model Changes Ordinance adopted in **2019**.

Cotuit Bay Closures Effective May 15, 2021 through October 31, 2021 at minimum.

The boat count won't change closures this year, but possibly in the future the closure could be pushed out to June 1<sup>st</sup>.

#### **SC:21.4**

##### **Cotuit Oyster Company Mooring Area**

"The waters and flats east of a line drawn from the sign on Handy Point extending due north to the end of the pier at Cotuit Oyster Co, then northeast to the end of the pier at #27 little river road; south of a line drawn southeast to the red town buoy at (41.37'28.42N, 70.25'15.74W), and west of a line drawn thence to the red town buoy at (41.37'21.83N, 70.25'21.07W) and north of the line drawn thence to the sign at Handy Point."

This area along the shoreline going out to Handy Point will remain open and there will be many signs identifying the closed area. Additional arrows will be installed to further demark areas. We were able to keep shoreline open and the recreational area and keep some of the soft shell clam area open.

#### **SC:21.6**

##### **Cotuit Town Landing Mooring Area**

"The waters and flats north of the Town Landing Channel, west of a line drawn north from the Town Buoy at the mouth of the channel to the Town Buoy off of Little River; and south of a line drawn thence to the sign on the beach at #137 Hummock Lane."

This area surrounds the Cotuit Town Landing mooring area and is quite extensive. The Bluff Point area around and conditionally approved and be able to keep open at this summer, at least this year.

This is the first year, we are a "Hot Town" as far as mooring areas and will likely be audited.

#### **SC22.2**

##### **Bridge Street**

Waters and flats south of a line drawn from the sign on the shore at the Bridge Street landing due east to the end of the nearest dock, then continuing across the end of each dock, to the end of the dock at #157 Eel River road; north of a line drawn thence due east to mooring #WB-120, then northwest to the town shellfish buoy located at (41.37'12.43"N, 70.23'46.07"), and east of a line drawn thence to the town buoy west of the dock at the Wianno Yacht Club.

This is a significant closure of the existing Recreation Shellfish Area. The new area will be to the right of the landing along the shoreline extending to the Wianno Oyster Area. The shoreline along the docks and extending out will be the “new” Bridge Street Recreational Area that will be stocked.

These areas will have many signs in the area to illustrate the new closed areas. This is the first year, areas may be adjusted in the future.

These areas will be closed until at least October 31, 2021.

Jake Angelo asked about the shoreline in one area is open and the other closed. Croteau explained it is based on type of vessel moored large vessels vs. small vessels. Stuart Rapp asked who developed the formula. Office Croteau state she believed it was a combination Devon Winkler and Simone, Area Biologists from Division of Marine Fisheries.

The Hyannis Area closures start June 1<sup>st</sup> are the annual closures due to water quality. However those area are now larger due to the size of the mooring areas.

Town of Barnstable is considered a “Hot Town” to the FDA and will likely be audited.

#### 4. Status of pending NOI pier applications before the Conservation Commission:

Applicant:	Anne D. Morris
Project Location:	140 Bay Road, Cotuit, MA 02635
Representative:	Charles Roland, Sullivan Engineering & Consulting, Inc.
Proposed Project:	To replace existing stairs and boardwalk and to construct a pier, ramp and float.
Conservation Hearing Date:	May 25, 2021 @ 6:30 via ZOOM

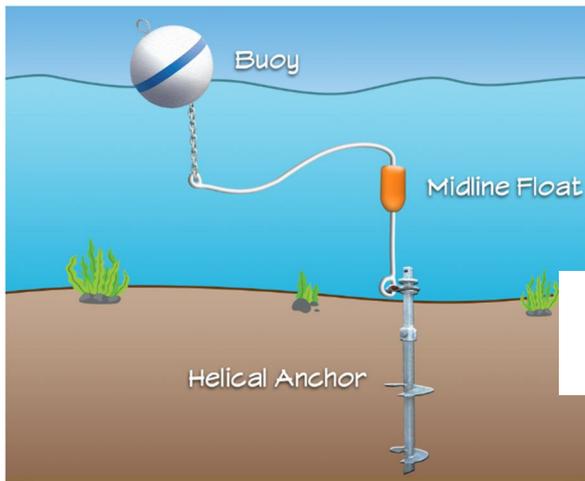
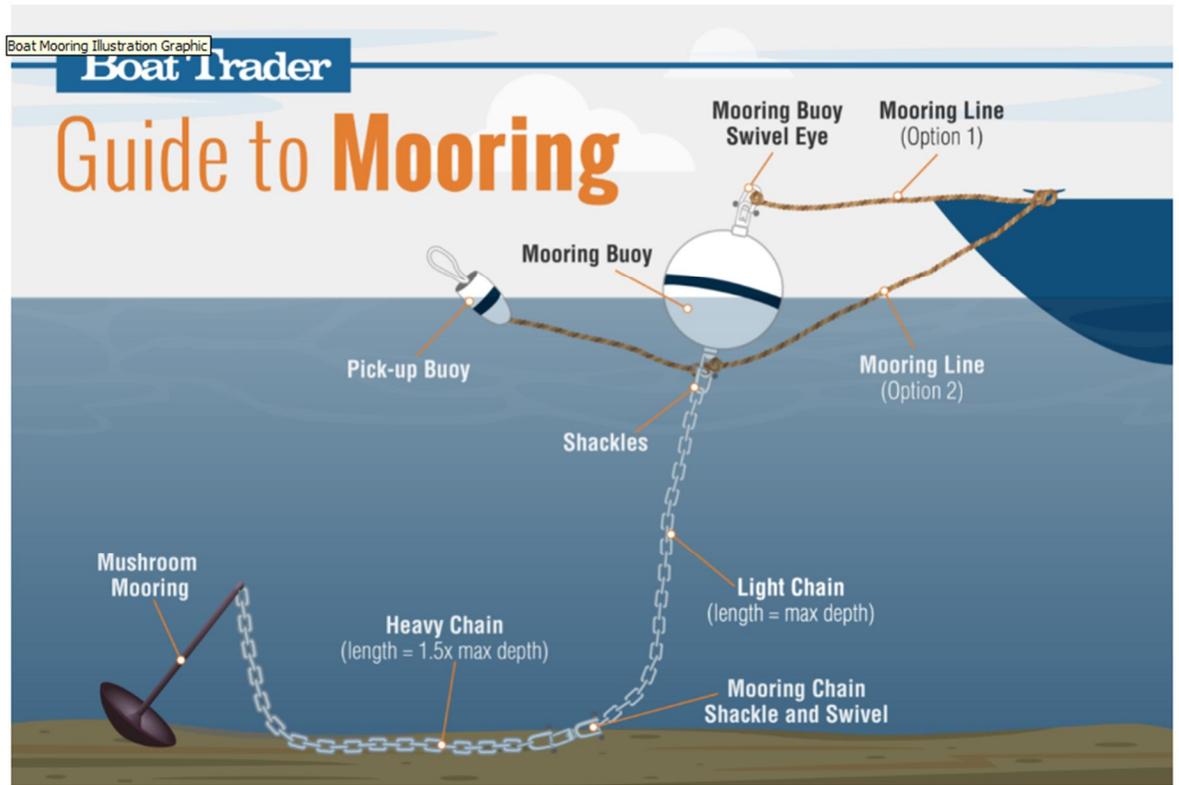
The Shellfish Committee had no comments regarding this project as it is an area that is closed to shellfishing.

#### 5. New Business:

A. Discussion on helix anchors - Mooring Officer Jay Horn.

Office Horn presented on the Helix Anchor system. Discussion points included:

- Helix anchors are more expensive to install. Hydraulic and a barge must be used and a diver needs to oversee the drilling.
- Helix anchors works best with a solid bottom. The helix is actually screwed into the ocean floor it does not work well in mud.
- Helix anchors cannot be used in an area with shifting sand. The top of the anchor must be six inches from the ocean floor to work effectively.
- Helix anchors have a reduce scope which allows more moorings in an area compared to mushroom anchors.
- Currently the Town of Barnstable only has a handful of Helix Moorings.
- Reconfiguring a mooring field with helix moorings is more difficult due to the labor/cost intensity to remove and reinstall.



### How do Helix anchors work?

Helix anchors derive their holding power from the seabed soils into which they are installed.

The square shaft Helix anchors are installed with the aid of hydraulic mechanisms that screw the anchor through resisting soils.

Helix anchors have been repeatedly tested by mother nature and proven to be an environmentally safe and effective mooring system.

## B. Discussion of proposed regulation changes §407-45 Areas Closed to Commercial Shellfishing

Amend the regulation by deleting the wording highlighted in **bold**

### A. Northside:

- (1) Scudder Lane Recreational Shellfishing Area as defined above.
- (2) Barnstable Harbor: except as otherwise noted.

### B. Southside:

- (1) The Handy Point Quahog Propagation Area is defined as the waters and intertidal flat within an area marked by yellow "NR" marker buoys and/or signposts as deployed near Handy Point in Cotuit Bay
- ~~(2) Popponesset Bay Seasonal Commercial Hydraulic Method / Hand~~

~~—Plunger Restriction: Effective annually the commercial harvest of soft shell  
—clams and razor clams assisted by the hydraulic method or hand plunger  
—method is prohibited in all the waters, shores, flats and tributaries  
—of Popponesset Bay and Shoestring Bay in the Town of Barnstable.  
—This regulation shall be in effect annually from May 1<sup>st</sup> through October 31<sup>st</sup>  
—all dates inclusive.~~

(3) The West Bay Recreational Shellfishing Area: The waters, flats and shoreline within an area beginning from the West Bay Landing at Bridge St to the Wianno Yacht Club Pier to the “NR/No Shellfishing” sign buoys locate offshore (DMF/SC22.11)

Officer Croteau presented these changes based on the question of why this regulation was created and is no longer logical due to the seasonal closures that now are in effective.

These changes will be revisited in the future for vote. Also all of the Commercial Regulations will be reviewed by Natural Resources and appropriate changes will be proposed to match the current habitat and fishery.

## 6. Upcoming (and Old) Renewal & Transfer Hearings:

- A. Hearing for aquaculture renewal of the aquaculture license #96-13 (site ng040) in Barnstable Harbor for William Scott Korkuch, 454 Old Town Road, Hyannis, MA 02601 for a period of 10 years. Public hearing to be held via Zoom, 05/18/2021 9:00A.M.

The management of this grant by Scott Korkuch was discussed. He requested 30 years which is not allowed and will be addressed at the hearing. Scott has worked this grant for a long time, it was his father’s grant. This is Scott’s first renewal submission. Soft shell clams are his main product. Harvests by pump as his father did. Natural Resources has no opposition to this renewal. Scott is out working the grant all the time for over the last 20 years. He is compliant with all regulations. Committee comment: Jake Angelo spoke in support of Scott he keeps up the area and works the grant well.

After this discussion, the Shellfish Committee unanimously voted by roll call to approve a motion made by Robert Lancaster and seconded by Paul Caruso to recommend approval of the aquaculture renewal of the aquaculture license #96-13 (site ng040) in Barnstable Harbor for William Scott Korkuch, 454 Old Town Road, Hyannis, MA 02601 for a period of 10 years.

- B. Hearing for aquaculture renewal of the aquaculture license #96-11 (site ng042) in Barnstable Harbor for Timothy Walker, 1690 Hyannis Road, Barnstable, MA for a period of 10 years. Public hearing to be held via Zoom, 05/18/2021 9:15A.M.

This grant falls under Wayne Hayes’ family, long standing member of our shellfish community. Paperwork is always in order and current on all requirements. Natural Resources supports.

After a short discussion, the Shellfish Committee unanimously voted by roll call to approve a motion made by Paul Caruso and seconded by Robert Lancaster to recommend approval of the aquaculture license #96-11 (site ng042) in Barnstable Harbor for Timothy Walker, 1690 Hyannis Road, Barnstable, MA for a period of 10 years.

- C. Hearing for aquaculture renewal of the aquaculture license #18-01 (site ng043) in Barnstable Harbor for Alice Walker, 1690 Hyannis Rd, Barnstable, MA for a period of 10 years. Public hearing to be held via Zoom, 05/18/2021 9:15A.M.

Again this one this grant falls under Wayne Hayes' family, Wayne Hayes Seafood, long standing member of our shellfish community. Paperwork is always in order and current on all requirements. Natural Resources supports.

After a short discussion, the Shellfish Committee unanimously voted by roll call to approve a motion made by William Shumway and seconded by Robert Lancaster to recommend approval of the aquaculture license #18-01 (site ng043) in Barnstable Harbor for Alice Walker, 1690 Hyannis Road, Barnstable, MA for a period of 10 years.

**8. Matters not reasonably anticipated by the Chair:**

Councilor Clark congratulated and thanked Committee Member Farinha for her attendance at the May 6, 2021 Town Council Meeting advocating for the Town's shellfish resources.

Stuart Rapp reminded everyone that the Shellfish Committee Meetings start at 6:30pm for the summer.

The Shellfish Committee unanimously voted by roll call to approve a Motion made by Robert Lancaster and seconded by Paul Caruso to adjourn.

Respectfully submitted: Terri McDonald – Clerk of the Board

# MASSACHUSETTS COMMERCIAL FISHING PORT PROFILES

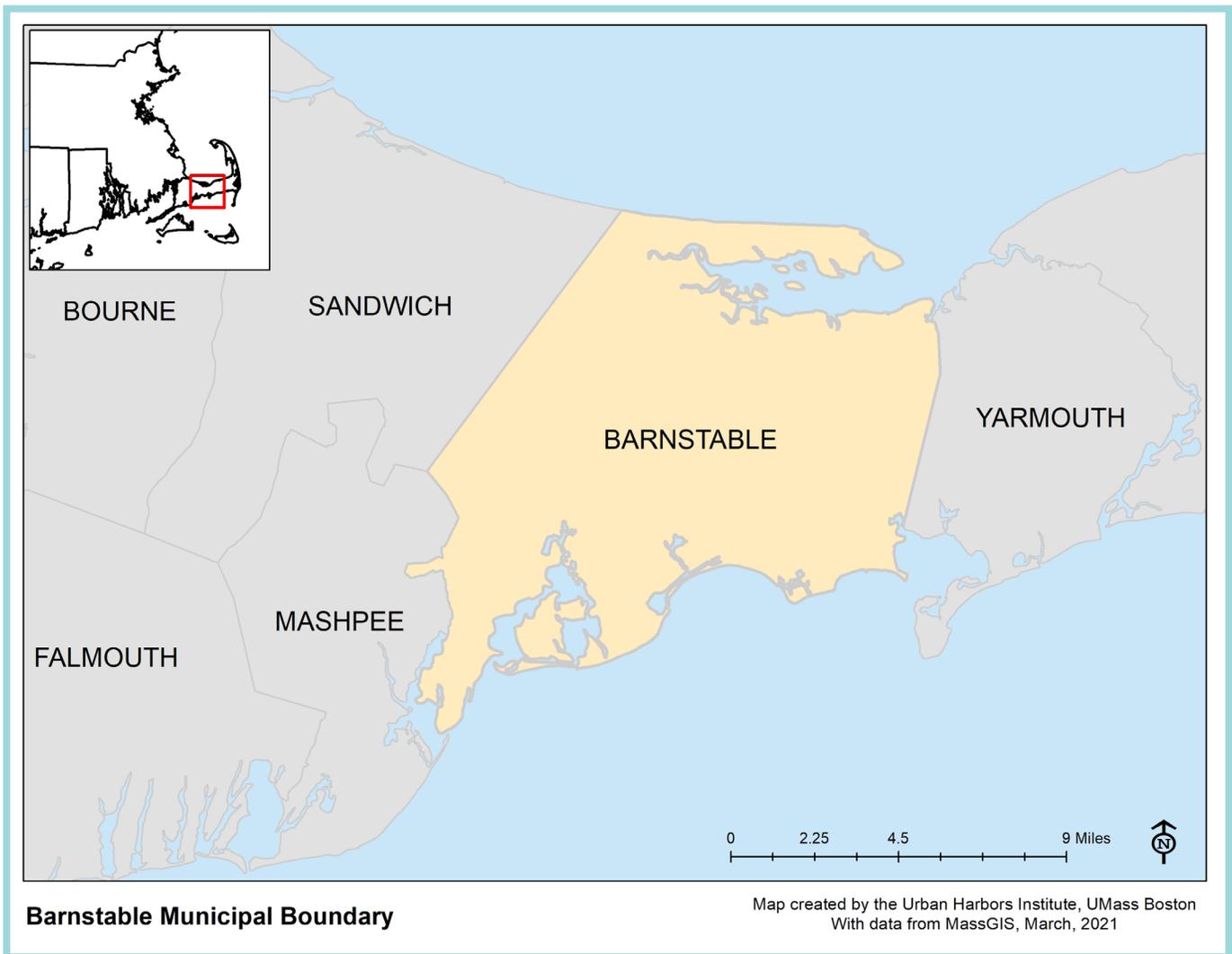
The **Massachusetts Commercial Fishing Port Profiles** were developed through a collaboration between the Massachusetts Division of Marine Fisheries, the University of Massachusetts Boston's Urban Harbors Institute, and the Cape Cod Commercial Fishermen's Alliance. Using data from commercial regional permits, the Atlantic Coastal Cooperative Statistics Program's (ACCSP) Standard Atlantic Fisheries Information System (SAFIS) Dealer Database, and harbormaster and fishermen surveys, these profiles provide an overview of the commercial fishing activity and infrastructure within each municipality. The Port Profiles are part of a larger report which describes the status of the Commonwealth's commercial fishing and port infrastructure, as well as how profile data can inform policy, programming, funding, infrastructure improvements, and other important industry-related decisions.

For the full report, visit the Massachusetts Division of Marine Fisheries website.



URBAN HARBORS INSTITUTE  
UNIVERSITY OF MASSACHUSETTS BOSTON





### Key Terms:

**Permitted Harvesters:** Commercially permitted harvesters residing in the municipality

**Vessels:** Commercially permitted vessels with the municipality listed as the homeport

**Trips:** Discrete commercial trips unloading fish or shellfish in this municipality

**Active Permitted Harvesters:** Commercially permitted harvesters with at least one reported transaction in a given year

**Active Dealers:** Permitted dealers with at least one reported purchase from a harvester in a given year

**Ex-Vessel Value:** Total amount (\$) paid directly to permitted harvesters by dealers at the first point of sale

# BARNSTABLE

Located on Cape Cod, Barnstable has a large coastline, and the primary harbors include:

Barnstable Harbor, Centerville Harbor, Cotuit Bay, Hyannis Harbor, North Bay, Prince Cove, Popponesset Bay, and West Bay.

Permitted commercial fisheries, which may or may not be active during the survey period, include:

Lobster Pot, Scallop Dredge, Clam Dredge, Shellfish (by hand), Rod & Reel, Aquaculture, and For Hire/Charter.

## 2018 Overview

Source: DMF Permitting and Statistics Data; ACCSP Data Warehouse



### Barnstable's commercial fishery had:

- 23** permitted harvesters with a Barnstable address
- 104** vessels with a Banstable homeport
- 6,891** trips landing in Barnstable
- 264** active permitted harvesters landing in Barnstable
- 47** active dealers purchasing in Barnstable



### Commercial harvesters landed the following in Barnstable in 2018:

**22,794,977** pounds of catch with an ex-vessel value of **\$16,982,115**

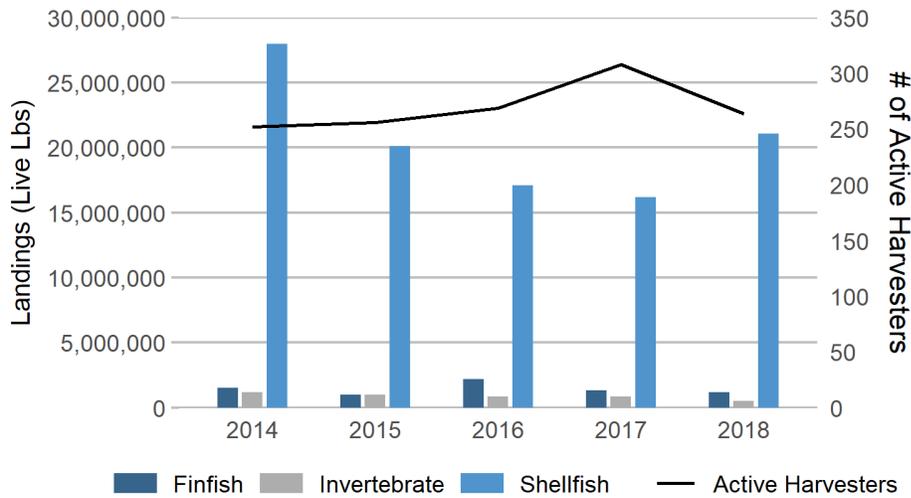
The top-ranked species, by dollar value, landed between 2014-2018 included:

- Eastern Oyster
- Atlantic Surf Clam
- American Lobster

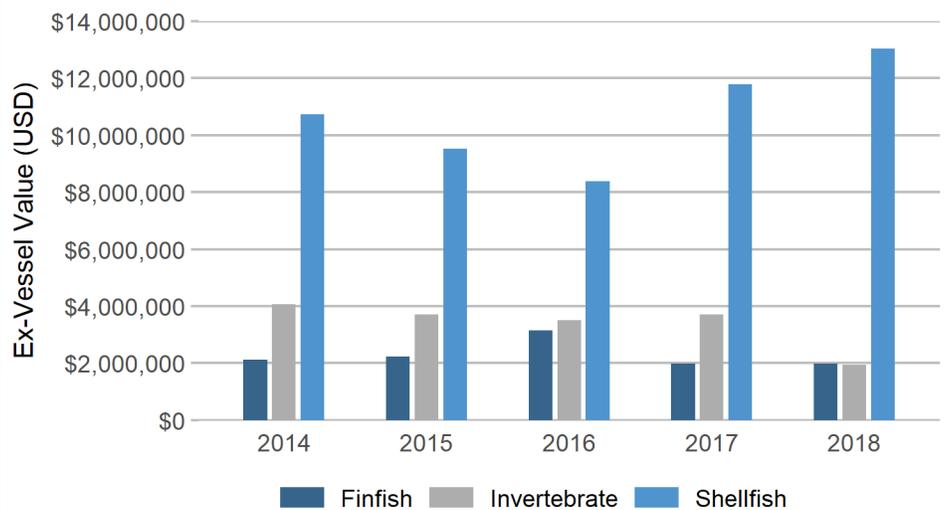
# 5 Year Trends in Commercial Landings and Value

Source: DMF Permitting and Statistics Data; ACCSP Data Warehouse

### Barnstable Annual Landings and Active Harvesters



### Barnstable Annual Ex-Vessel Value



# Status of the Commercial Fishing Industry

Source: 2019 Harbormaster and Harvester Survey Data

Barnstable’s commercial fishing fleet consists of trailered vessels, offshore commercial fishing, and local fishermen. In the last 10 years, Barnstable has seen an increase in the aquaculture industry, resulting in more vehicles and usage of the State and Town boat ramps. The number of commercial to hire vessels has declined slowly.



## Commercial Fishing Infrastructure



### Infrastructure upgrades in last ten years:

- Resurfaced boat ramps
- Repaired and replaced docks
- Rebuilt hoist for offloading
- Rebuilt bulkhead retaining wall
- Dredging



### Current infrastructure: Challenges

- Need for additional municipal dock space and moorings due to large waiting list
- Managing a comprehensive dredge plan
- Adapting to the needs of multiple users
- Limited parking

### Needs

- Dredging
- Double-sided boat ramps
- Parking
- Offload zone for larger commercial vessels
- Preserving commercial dock space and moorings for commercial users
- Identify additional locations for gear storage



### Infrastructure dedicated solely to commercial fishermen:

- Moorings: Many
- Slips: Multiple slips at Barnstable Harbor Marina (seasonal only); Year-round slips in Hyannis and Marston Mills
- Broadside berthing: Many bulkheads and fixed piers



### In 2018, the municipality charged for the following services:

- Moorings: \$135/individual permit
- Slips: \$171-\$197/foot to \$2,607-\$2,999/slip
- Transient dockage: Rec - \$3/foot per day; Comm - \$1.75/foot per day (May 1 - Oct 31, off-season dockage rates available)
- Launch: \$10/day; \$100/year

Type of Infrastructure	Available?
Ice	
Bait storage	
Trash disposal	
Commerical offloading	
Hoist	
Dock space	
Gear storage	
Mooring space	
Fueling stations	
Vessel repair	
Launch ramp	
Parking for fishermen	
Parking for seafood trucks	
Other	

= Available