

THE
PEW
ENVIRONMENT GROUP



JOACHIM MULLER

REMEMBERING COD

Most old fishermen talk about the big ones that got away. But old cod fishermen are different. They relive the decades when they pulled enormous loads of thick, white-fleshed bottom fish out of the Atlantic almost every day.



Mike Anderson, center, with fellow fishermen John Our, left, and Bob Ryder, in Chatham, Mass., circa 1980.

Former cod fisherman and historian Ted Ames of Stonington, Maine, says he heard about an old salt who “hailed in 25 tons in 20 minutes after steaming to a favorite fishing spot. ... He filled the net so full that it could not be brought on board without sinking the vessel. So he pulled the net behind him into port and then waited for the tide to go out so he could get the fish.”

“They were in the harbors—you could catch ‘em in the harbors,” says Mike Anderson, a retired fisherman from Chatham, Mass. “And when you steamed out to sea, the fleet stretched out to the horizon. Nobody asked why they called it ‘Cape Cod’ then.”

Travel up New England’s coast and you’ll find lots of old salts who will tell similar tales: stories of cod schools that stretched up to 15 miles in the water, stories of the “million pounds a month” club formed by old-time trawler owners, stories of a fishery that had no limits and few rules.

“We were the last cowboys. All you had to do was buy a boat and you were in. ... On the docks it was a madhouse, night and day.”

MIKE ANDERSON
retired fisherman
Chatham, Mass.

“We were the last cowboys,” says Anderson, who started cod fishing in the late 1960s. “All you had to do was buy a boat and you were in. You could fish anywhere you wanted and catch as much as you could carry. And nobody tried to stop you. On the docks it was a madhouse, night and day.”

Anderson and his contemporaries had no fish finders or GPS devices when they started out. Instead they had generations of local knowledge of the hot spots where the cod tended to gather. At the time, it was assumed that New England’s cod were one gigantic population, which implied that if the hot spots were fished out, they would be refilled fairly quickly by cod from nearby waters.



Above: Fred Bennett.
Right: Mark Leach of Harwich, Mass., with a 65-pound cod on the deck of his boat in 1987. Leach caught the fish with bottom-longline gear.

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FRED BENNETT
retired fisherman
Chatham, Mass.

“The fish were much, much bigger then,” says Fred Bennett of Chatham, a friend of Anderson’s. “Before the crash, I think we all assumed that it would be that way forever.”

The “crash” that changed those notions started in the 1980s, when scientists began to notice that cod were getting smaller and less numerous. At the time, the fleets were getting bigger and more powerful, both near the coast and farther out at sea. Calls to rein in the fleets and learn more about the cod were ignored. That was because the price for cod kept rising as the population began diminishing and because New England’s coastal towns were then fueled almost exclusively by fish and fishermen.

“We caught the big ones, and we caught the little ones. And then it all collapsed,” says Ames. By the early 1990s, official cod estimates were lower than they had ever been.

Later, after mapping out the fishing habits of a group of former cod fishermen in the Gulf of Maine, Ames helped uncover one of the prime causes of the catastrophic crash: that New England’s cod did not belong to one big breeding population, but rather of many smaller populations that returned to the same areas each year to breed. He believes that cod will not recover fully unless these breeding grounds are protected. Outside of these areas, Ames says, it is essential to set strict fishing limits and enforce them.

Right: Renee Gagne with a day's 2,000-pound haul of cod in the mid-1980s, fishing within sight of the Cape Cod shoreline. Below: Eric Hesse.



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ERIC HESSE

bottom-longline fisherman
West Barnstable, Mass.

“The most important thing we need to do is convince fishermen to ask themselves, ‘What can we do to have more cod out there next year than we’ve got out there right now?’” says Ames, who was awarded a prestigious MacArthur Fellowship for his research on cod. “I’ve been asked how many cod we could get in the long run if we move in this direction. I cannot begin to say.”

Disputes over proper management of the cod fisheries are flaring now that some have shown signs of initial recovery. Some of the younger fishermen who have started catching cod again are pushing for permission to catch more. Many of them say they have never seen so many cod in the water.

But some fishermen think we can do better if we remember how plentiful cod were just 30 or 40 years ago, during the old salts’ heyday.

One of them is Eric Hesse, a bottom-longline fisherman from West Barnstable, Mass., who talked recently while sorting through a load of cod and haddock he had just pulled out of Stellwagen Bank. Hesse says he is doing everything he can to keep the cod recovery going, partly because he has heard stories from the old salts about how things used to be.

“Things will get better,” he says. “For the first time there is a hard limit on how many fish can be taken, which will have long-term benefits to the stocks. As fishermen operating within these new constraints, we have to invest in quality. By producing more marketable, sustainably caught fish, we can increase the value of our quotas and the fishery as a whole.”

Since May 2010, New England’s groundfish fishery is being managed with science-based annual catch limits. Such limits will bring an end to overfishing and promote rebuilding of depleted stocks. This bodes well for the future of fish and fishermen along our coasts.

As one old salt, Bennett, says: “We can do it. It can be done. I know it can be done. If we can send somebody to the moon, we sure as hell can fix this fishery.”

DIETER CRAASMANN



Atlantic Cod

Gadus morhua

Range

Greenland to North Carolina

Life History

Atlantic cod can live more than 20 years and grow to over 150 pounds. Most females begin to spawn by five years of age, but the older females produce vastly more eggs—3 million to 9 million at a time.

Management

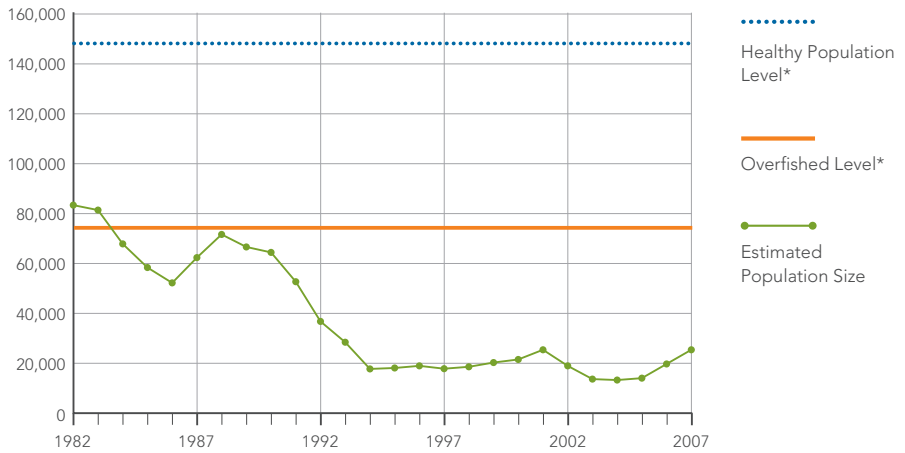
In New England, Atlantic cod is managed by the New England Fishery Management Council, which sets science-based catch limits and other fishing regulations.

Fishery

Atlantic cod are caught by commercial fishermen in a variety of ways, including trawl, gillnet, bottom-longline and jigging.

Georges Bank Cod Spawning Population

(metric tons of fish)



The Georges Bank cod population is still in an overfished condition and is currently at 12 percent of a healthy population size.

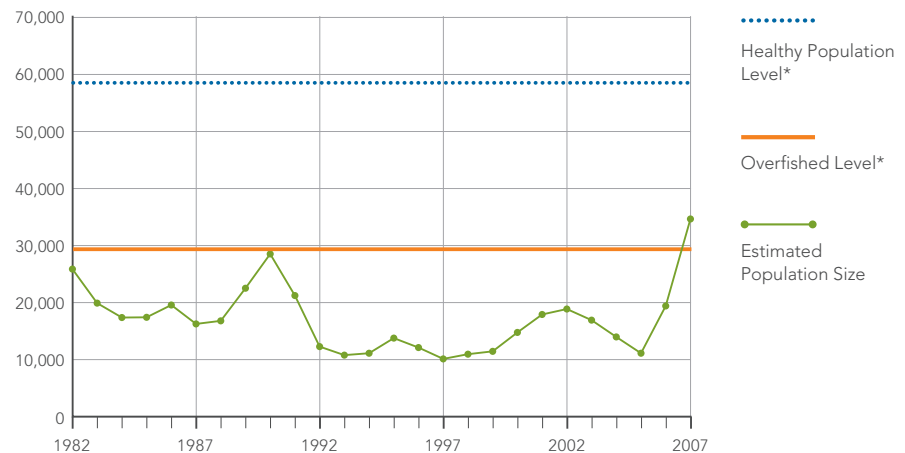


“We caught the big ones, and we caught the little ones. And then it all collapsed.”

TED AMES
retired fisherman, historian
Stonington, Maine

Gulf of Maine Cod Spawning Population

(metric tons of fish)



The Gulf of Maine cod population is no longer overfished (since 2007) and is currently at 58 percent of a healthy population size.

*Northeast Fisheries Science Center. 2008. Assessment of 19 Northeast Groundfish Stocks through 2007: Report of the 3rd Groundfish Assessment Review Meeting (GARM III), Northeast Fisheries Science Center, Woods Hole, Mass., Aug. 4-8, 2008. U.S. Department of Commerce, NOAA Fisheries, Northeast Fish Science Center Reference Document. 08-15; 884 p + xvii. www.nefsc.noaa.gov/publications/crd/crd0815/crd0815.pdf.



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