

SHRIMP

(06/00 ARCHIVE - NCDMF)

Stock Status--*Viable*--This annual stock, consists of three species, the brown shrimp, the pink shrimp and the white shrimp.

Average Commercial Landings and Value 1989-1999--7,412,522 lb, \$16,167,015

1999 Commercial Landings and Value-- 8,971,529 lb, \$21,652,132

Average Recreational Landings 1989-1999 and 1999--Unknown

Average Number of Award Citations 1989-1999 and 1999--N/A

Status of Fisheries Management Plan-- Draft Plan

Research and Data Needs--Continue with Bycatch Reduction Device (BRD) research. Trawling issue studies, including continuation of the development and testing of alternative gears for the trawl fishery. Need landings by species.

Current Minimum Size Limit-- None

Harvest Season--It is unlawful to take shrimp with nets until the Fisheries Director, by proclamation, opens the season in various waters. Proclamations may specify any hours of day or night or both and any other conditions appropriate to management of the fishery. Some waterbodies are open year round. Check with NCDMF for what waterbodies are open.

Size and Age at Maturity-- 3-5 inches, 4-6 months

Historical and Current Maximum Age-- 18 months old, 18 months old (rare)

Juvenile Abundance Indices Average 1989-1999 and 1999 (validated)

Average number of shrimp per one minute tow (Brown shrimp only)

Southern District--75.8

Central District--South side of Neuse River/Pamlico Sound--39.1

Core Sound--191.4

Pamlico District--Pamlico County--?

Hyde County--132.9

Habits/Habitats-- Shrimp are spawned offshore in the winter. Post-larval shrimp move from the ocean into the estuaries on wind and tide driven currents in early spring. Shrimp recruit into creek and river bottoms, and grassbeds where they grow rapidly, feeding on plant and animal material such as algae, worms, small fish, crabs and other shrimp. As the shrimp increase in size, they migrate from the upper reaches of small creeks to deeper saltier rivers and sounds. By late summer and fall, they return to the ocean to spawn.

For more information, see [DMF Species Leads page](#)