



North Carolina Landings and Harvest Trends

Presented to Marine Fisheries Commission

DEPARTMENT OF ENVIRONMENTAL QUALITY

Marine Fisheries

| License and Statistics Section | August 17, 2017



Data Sources

- **Commercial Landings**

- Trip Ticket Program

- **Recreational Harvest**

- Coastal Angling Program

- Marine Recreational Fisheries Statistics Survey
- Marine Recreational Information Program
- Central Southern Management Area Creel Survey
- For-Hire Survey
- Highly Migratory Species Census (catch card)
- Mail Surveys
- Specialty Surveys

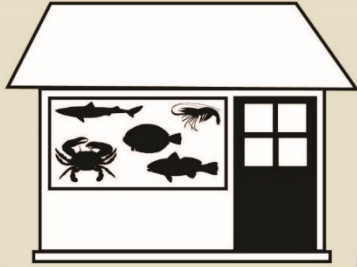
Data Sources

- Trip Ticket Program

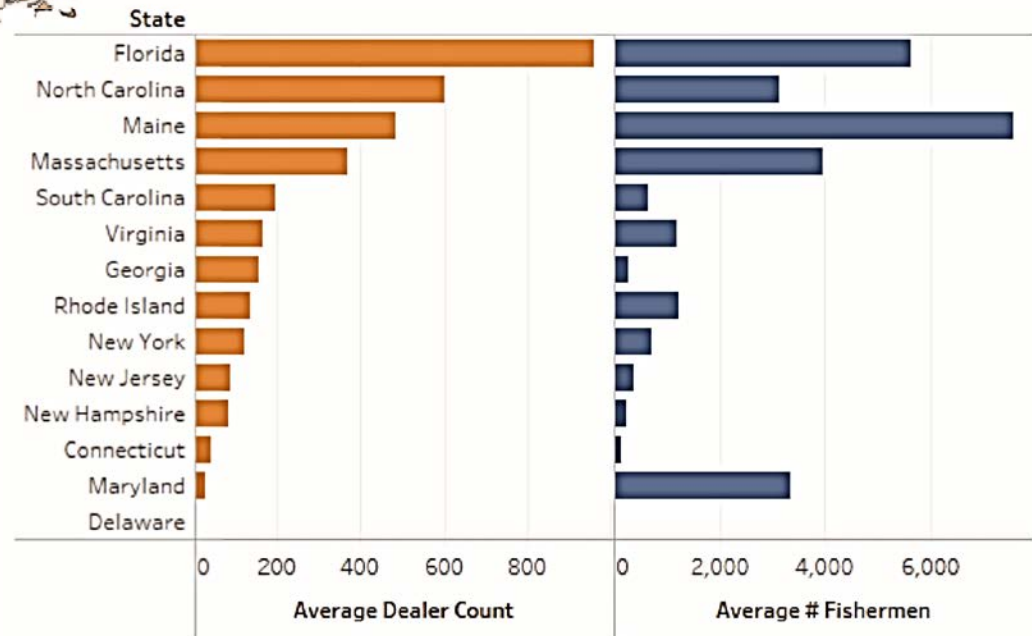
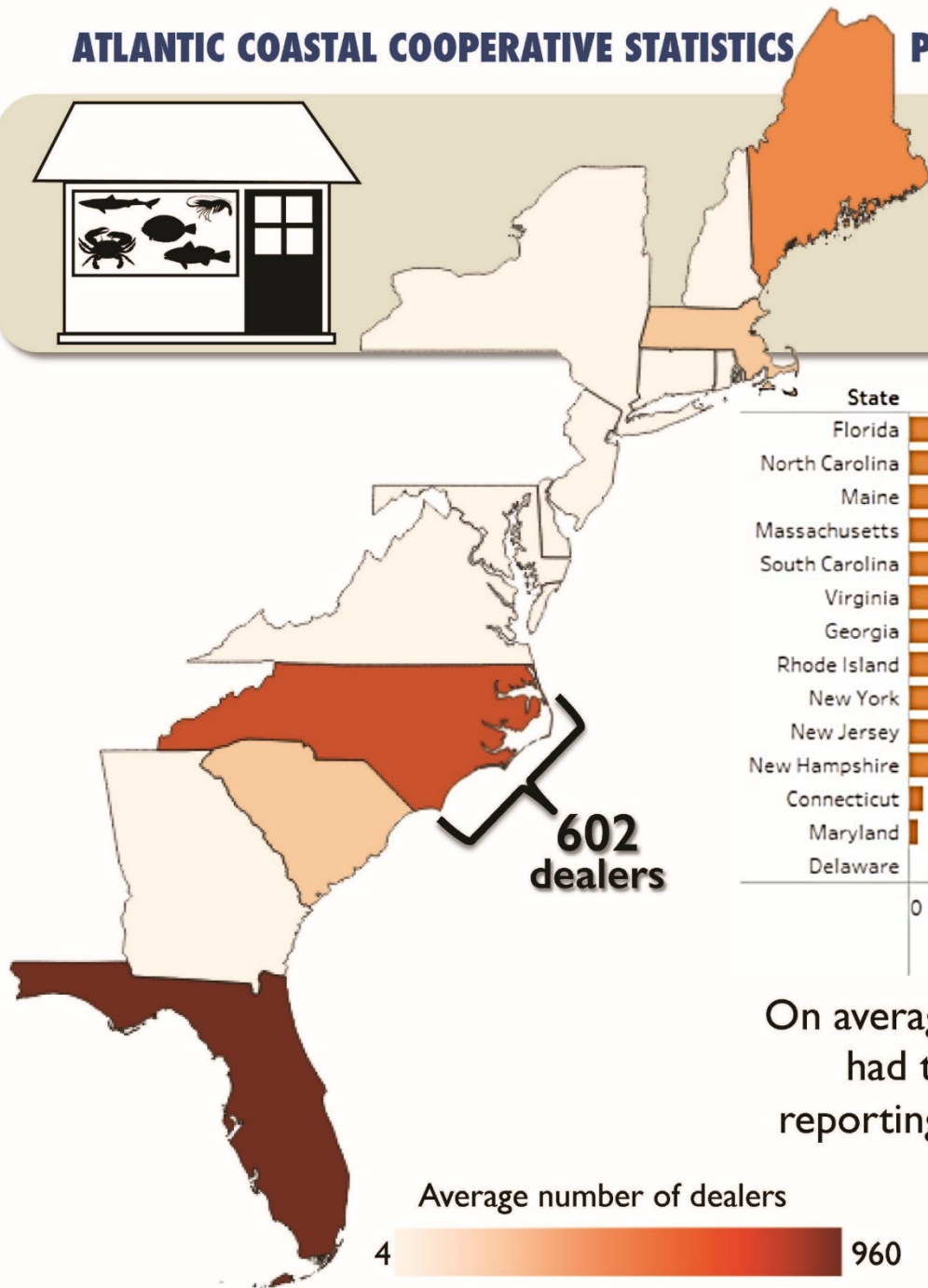
- Processes about 140,000 trip tickets annually

- Recreational Surveys

- Marine Recreational Information Program
 - Conducts ~17,000 angler interviews annually
- Central Southern Management Area Creel Survey (~2,600 interviews)
- For-Hire Survey (~3,300 interviews)
- Highly Migratory Species Census (~150 catch cards)
- Mail Surveys (~24,000 surveys)
- Specialized Surveys
 - Dockside Nighttime Flounder Giggling Survey (210 interviews)



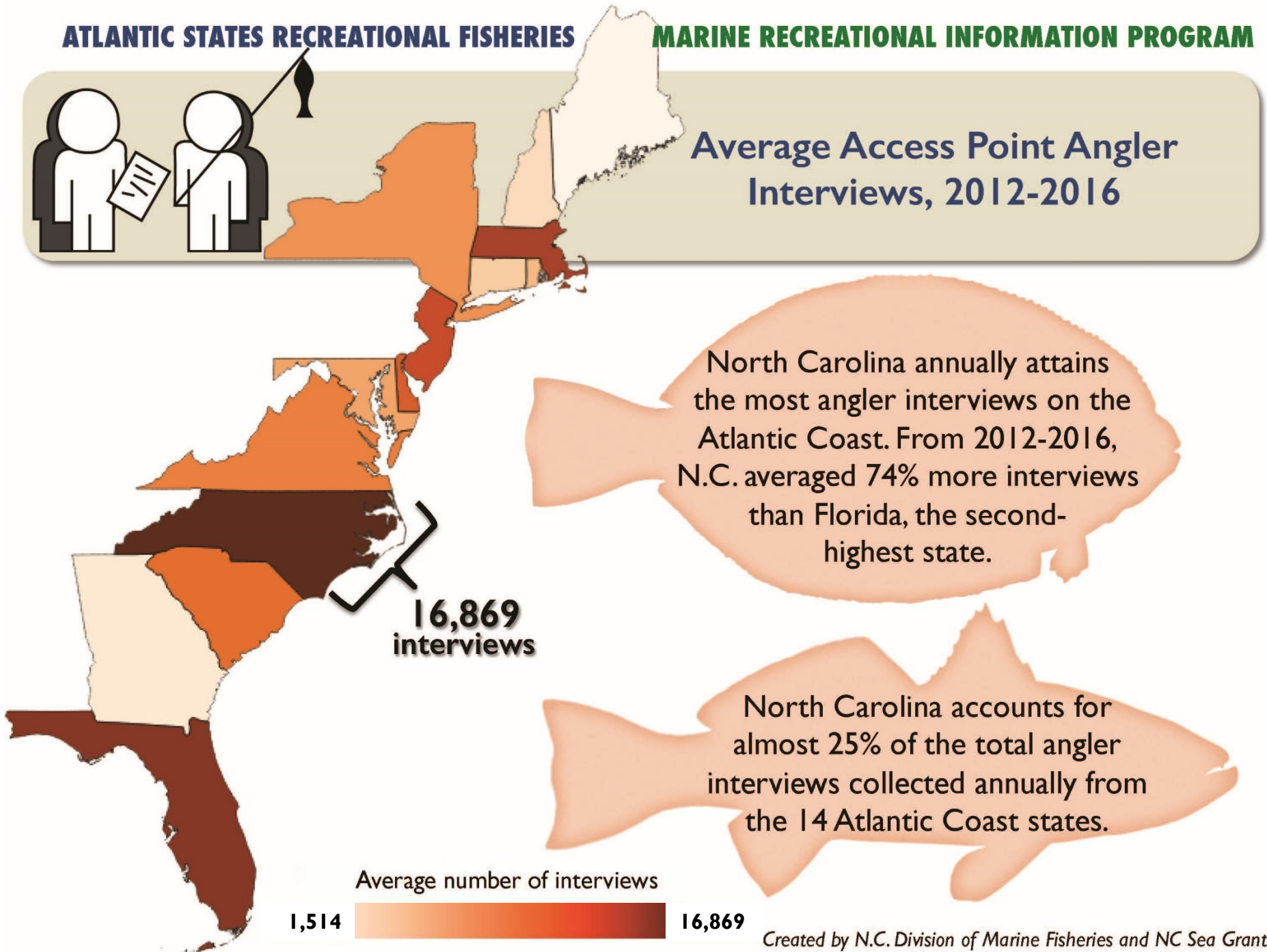
Average Number of Dealers and Fishermen Submitting Landings Data, 2012-2016



On average over the last five years, North Carolina had the second highest number of dealers reporting landings per year on the Atlantic Coast.



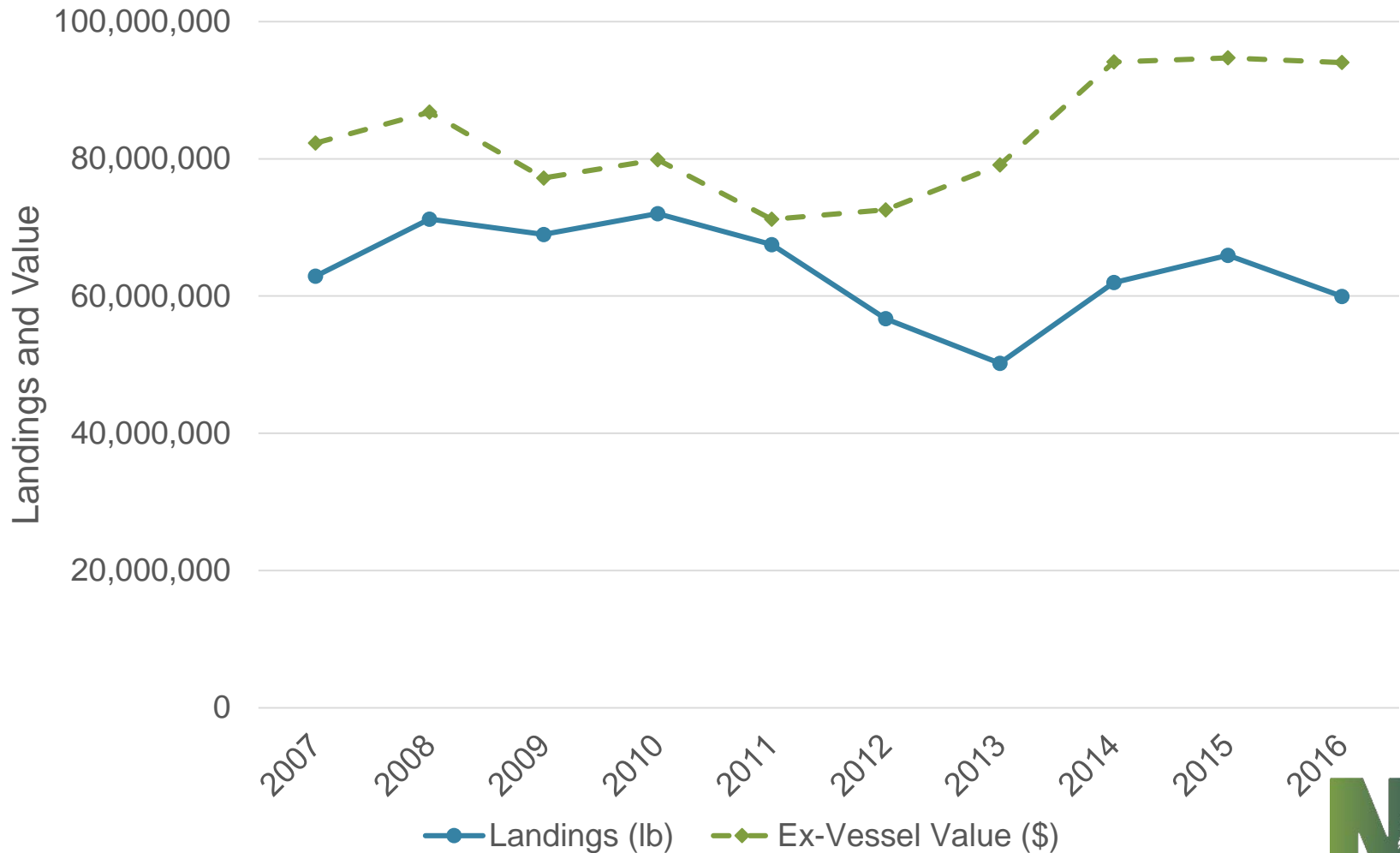
Average Access Point Angler Interviews, 2012-2016



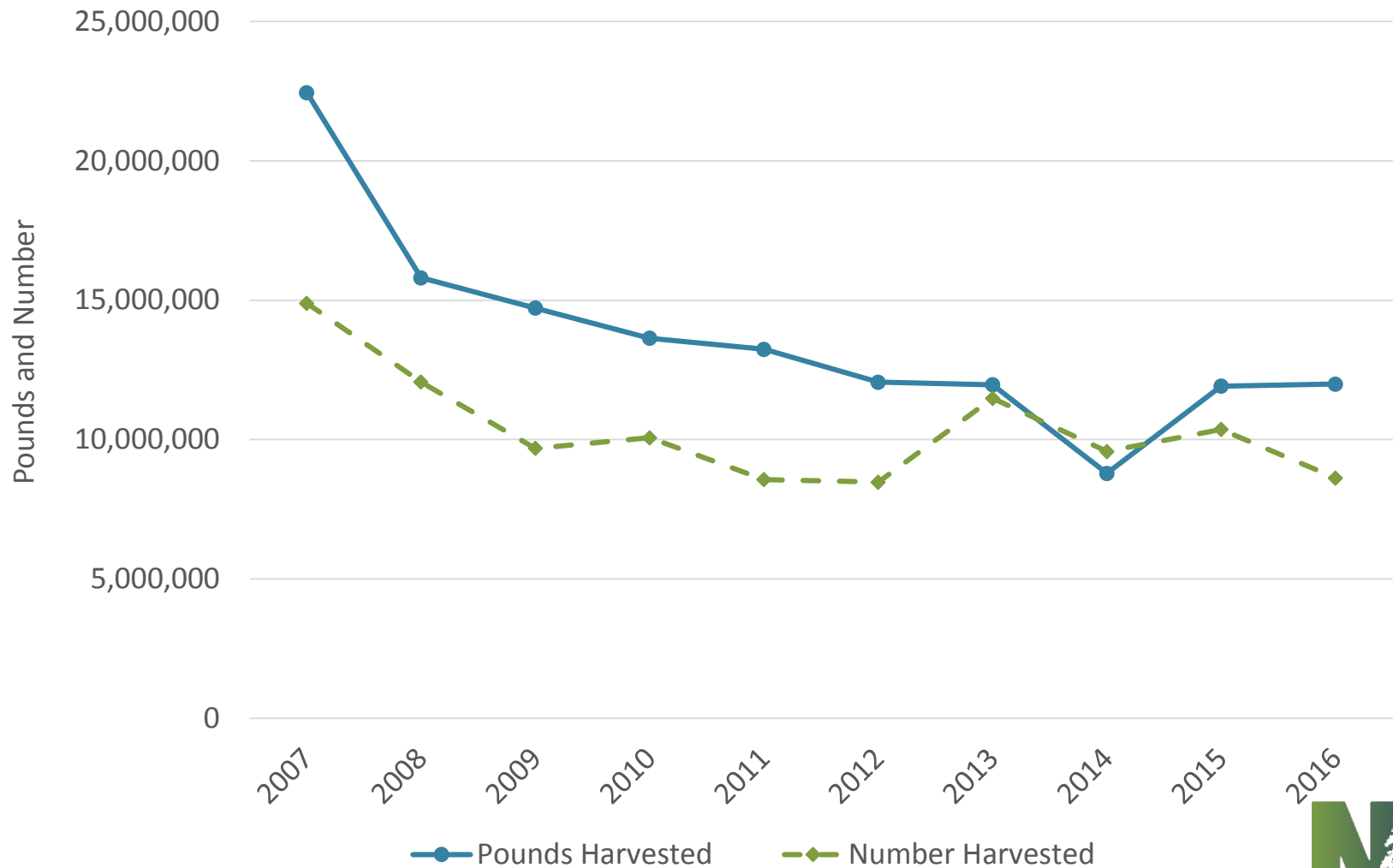
North Carolina annually attains the most angler interviews on the Atlantic Coast. From 2012-2016, N.C. averaged 74% more interviews than Florida, the second-highest state.

North Carolina accounts for almost 25% of the total angler interviews collected annually from the 14 Atlantic Coast states.

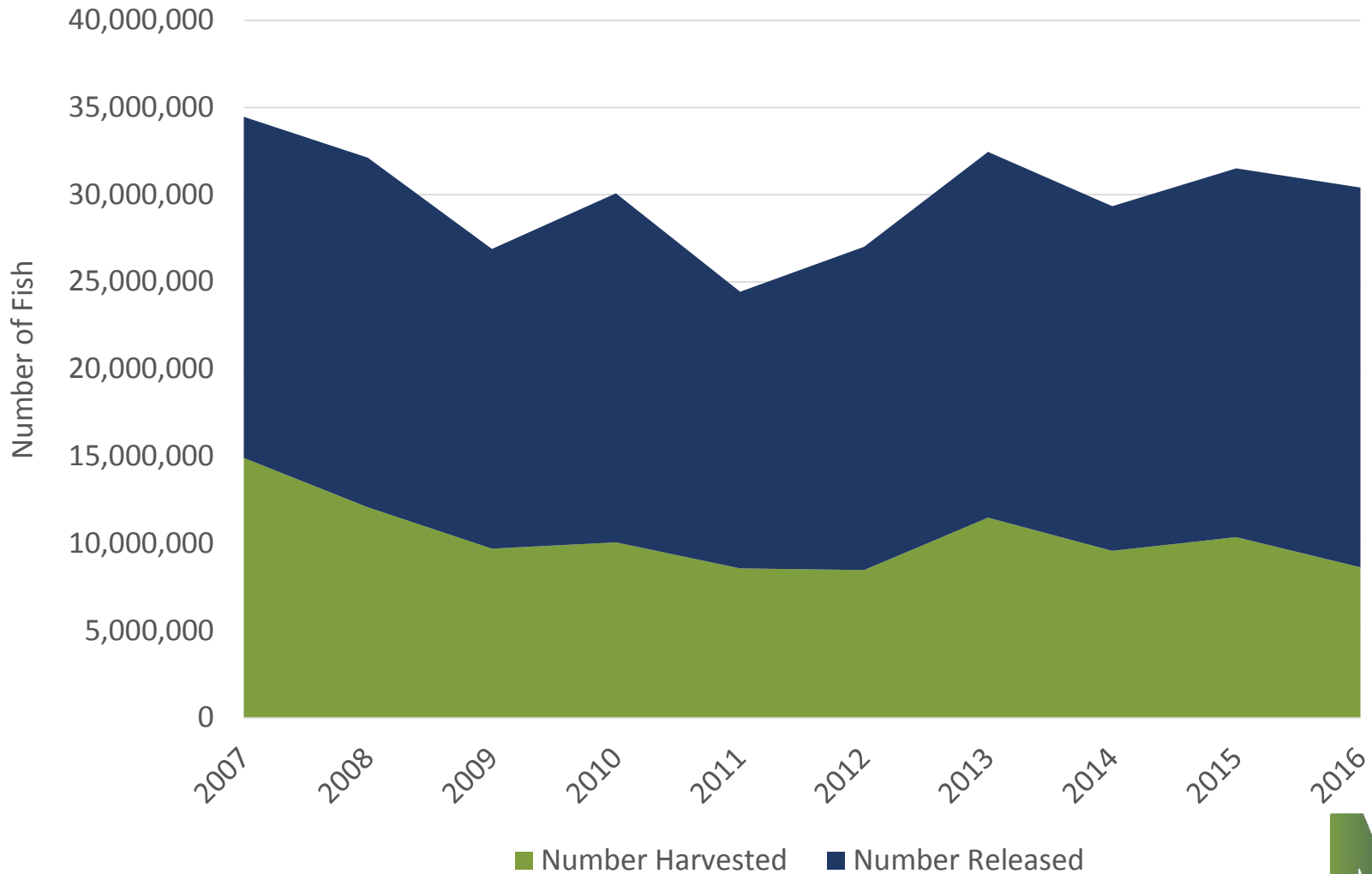
North Carolina Commercial Landings (pounds and value)



North Carolina Recreational Harvest (pounds and numbers)

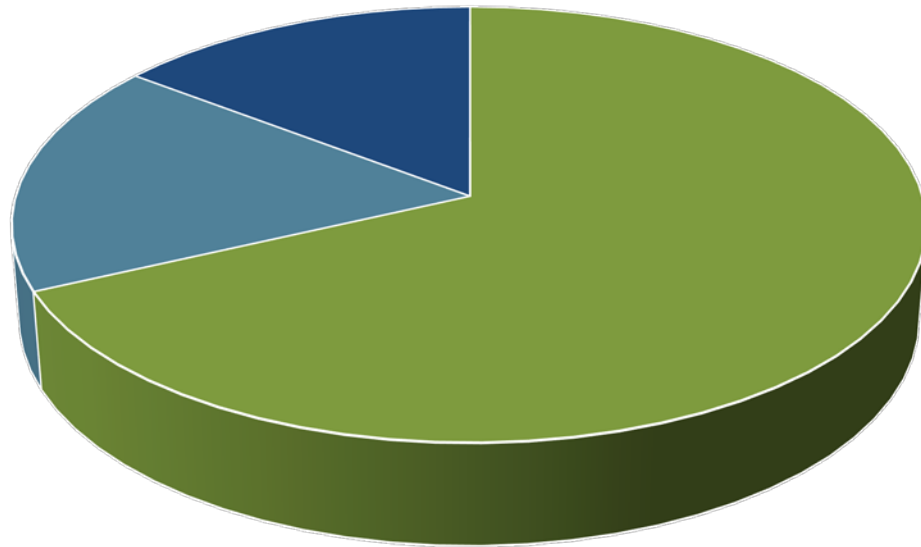


North Carolina Recreational Catch (harvest & releases)



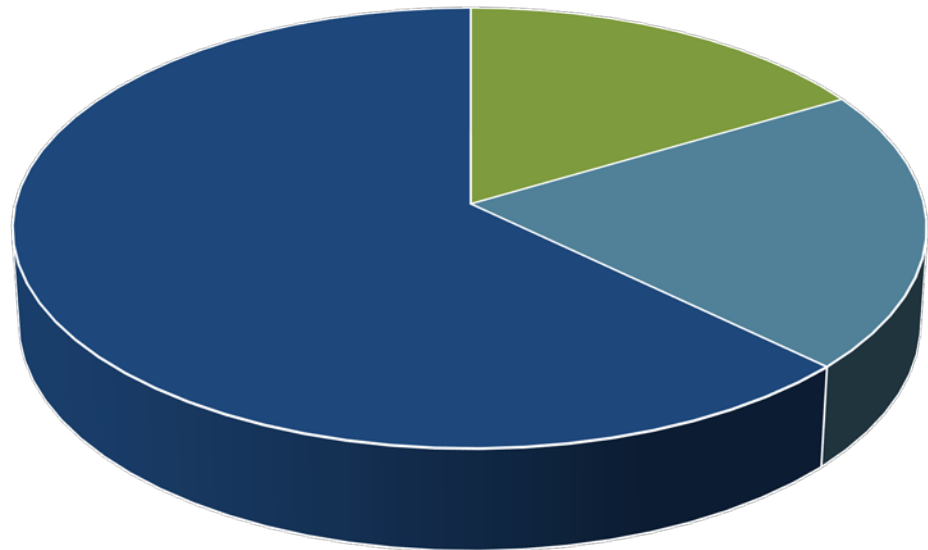
North Carolina Landings and Harvest (in pounds by area)

2016 Commercial



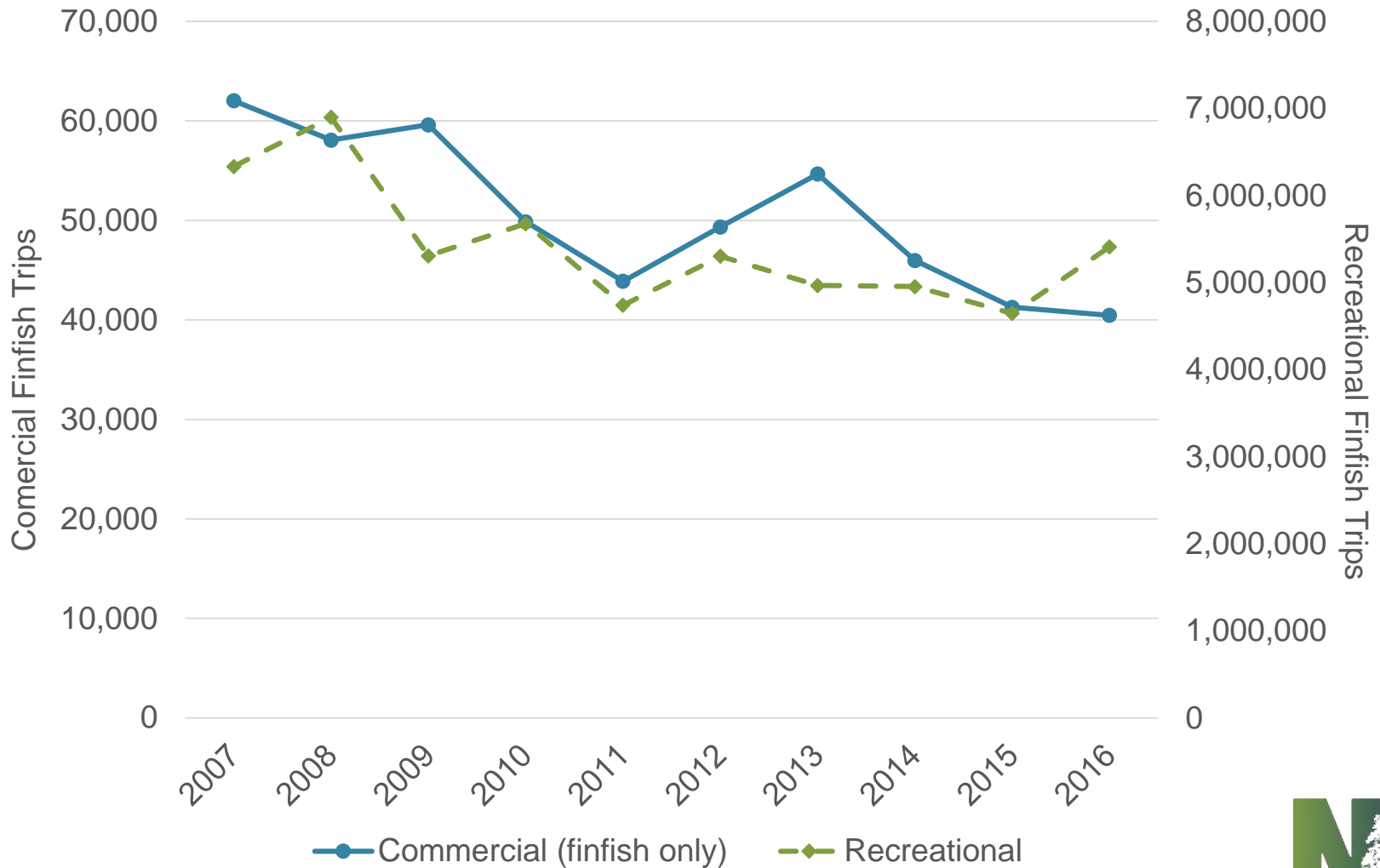
- Estuarine
- Ocean (<= 3 Miles)
- Ocean (>3 Miles)

2016 Recreational

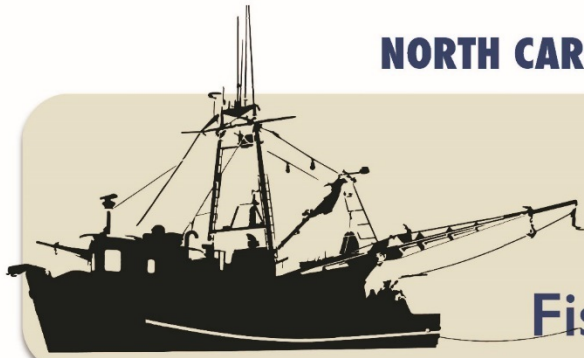


- Inland
- Ocean (<= 3 Miles)
- Ocean (>3 Miles)

Fishing Trips



NORTH CAROLINA COMMERCIAL FISHERIES 2016 TOTAL LANDINGS



2016 Total
Commercial
Fisheries Landings

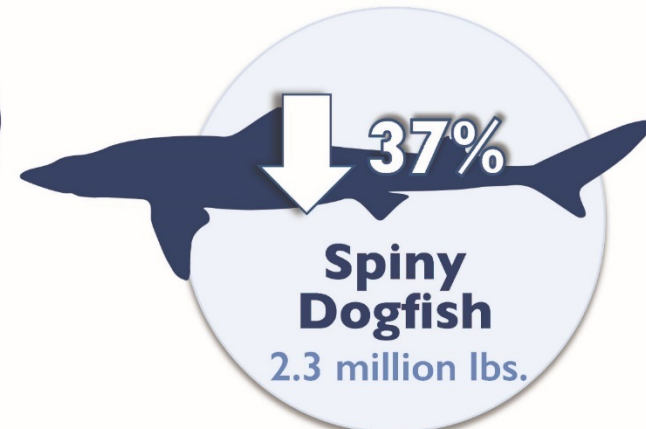
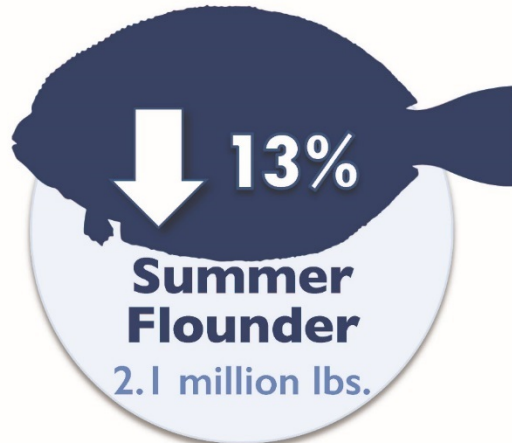
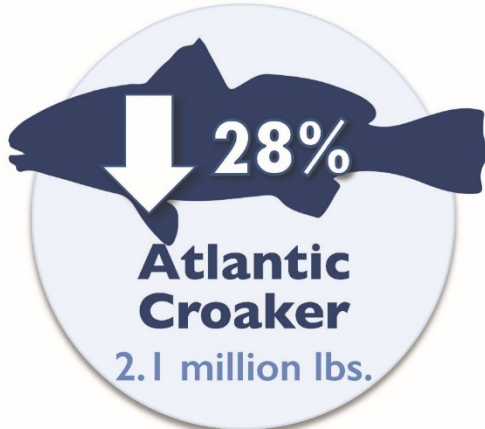
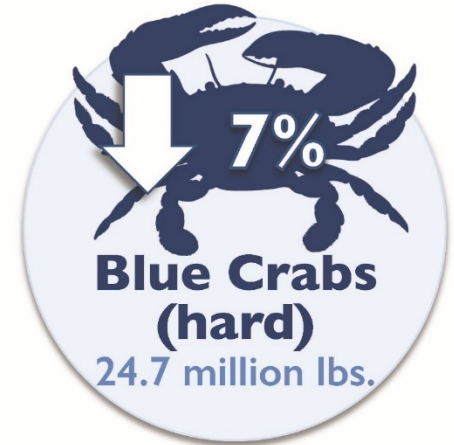
59.9 million lbs.

-1% from 5-year average*

INCREASES



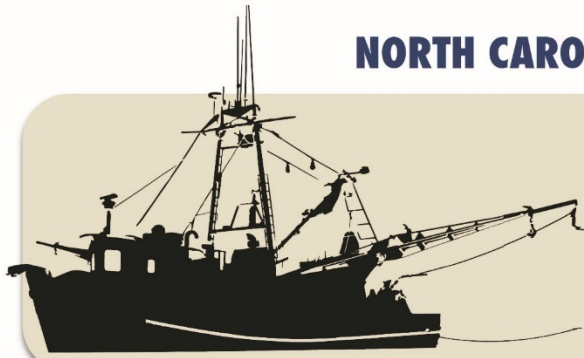
DECREASES



*Percentage changes based on averages from 2011 to 2015. Created by N.C. Division of Marine Fisheries and NC Sea Grant.

NORTH CAROLINA COMMERCIAL FISHERIES

2016 TOTAL VALUES



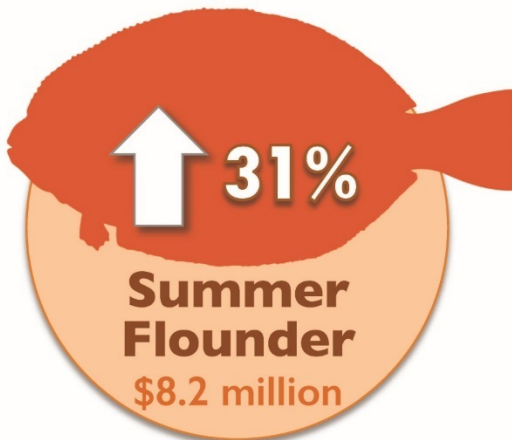
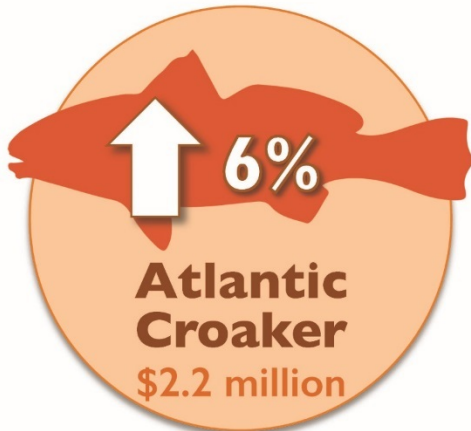
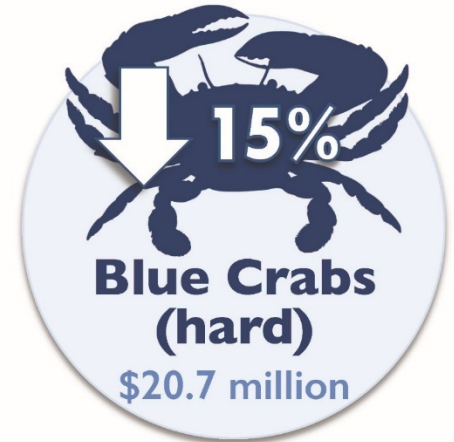
2016 Total
Commercial
Fisheries Values

\$94 million
+13% from 5-year average*

INCREASES

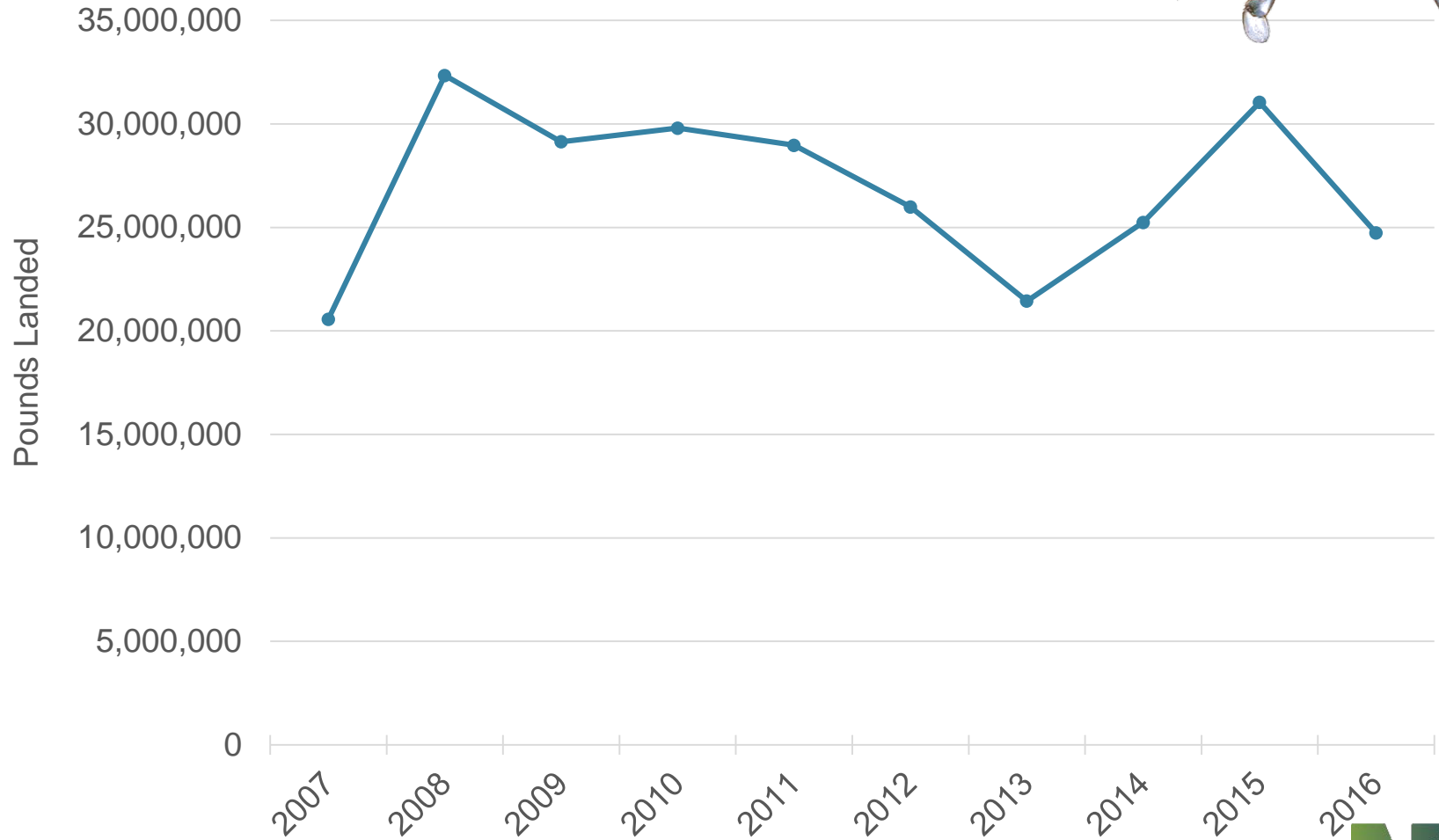


DECREASES

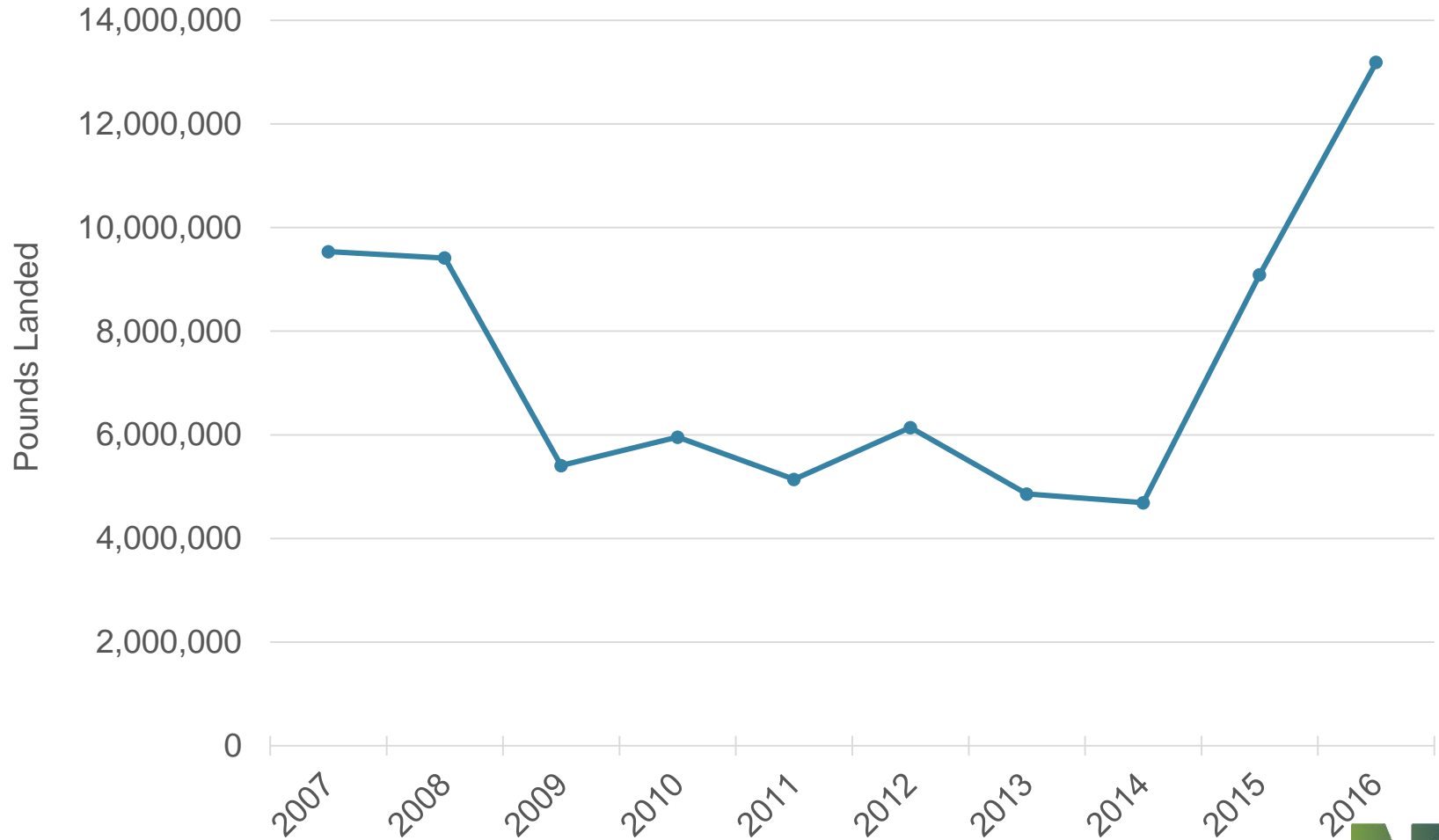


*Percentage changes based on average of values from 2011 to 2015. Created by N.C. Division of Marine Fisheries and NC Sea Grant.

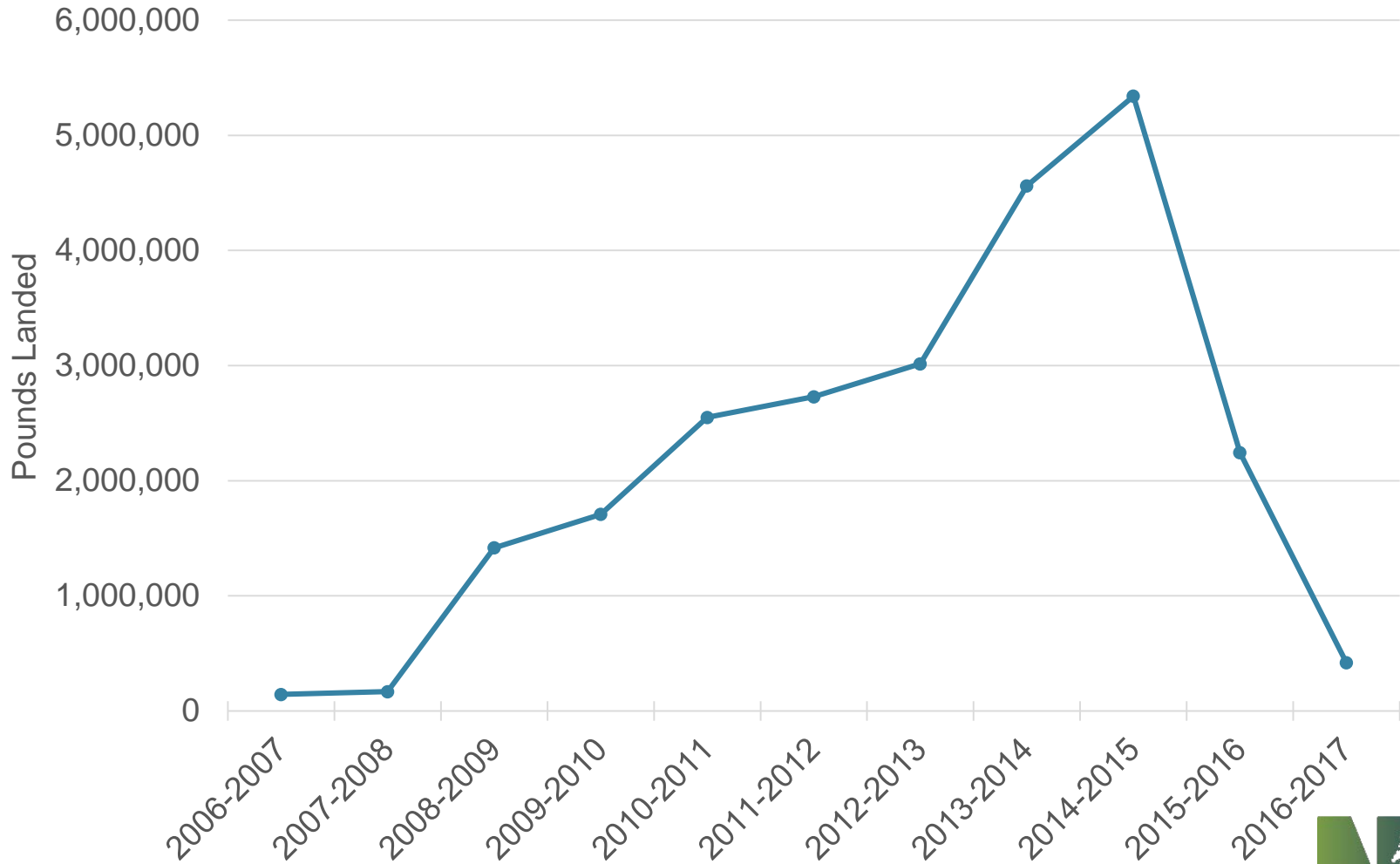
Top Five Species – Commercial Hard Blue Crab



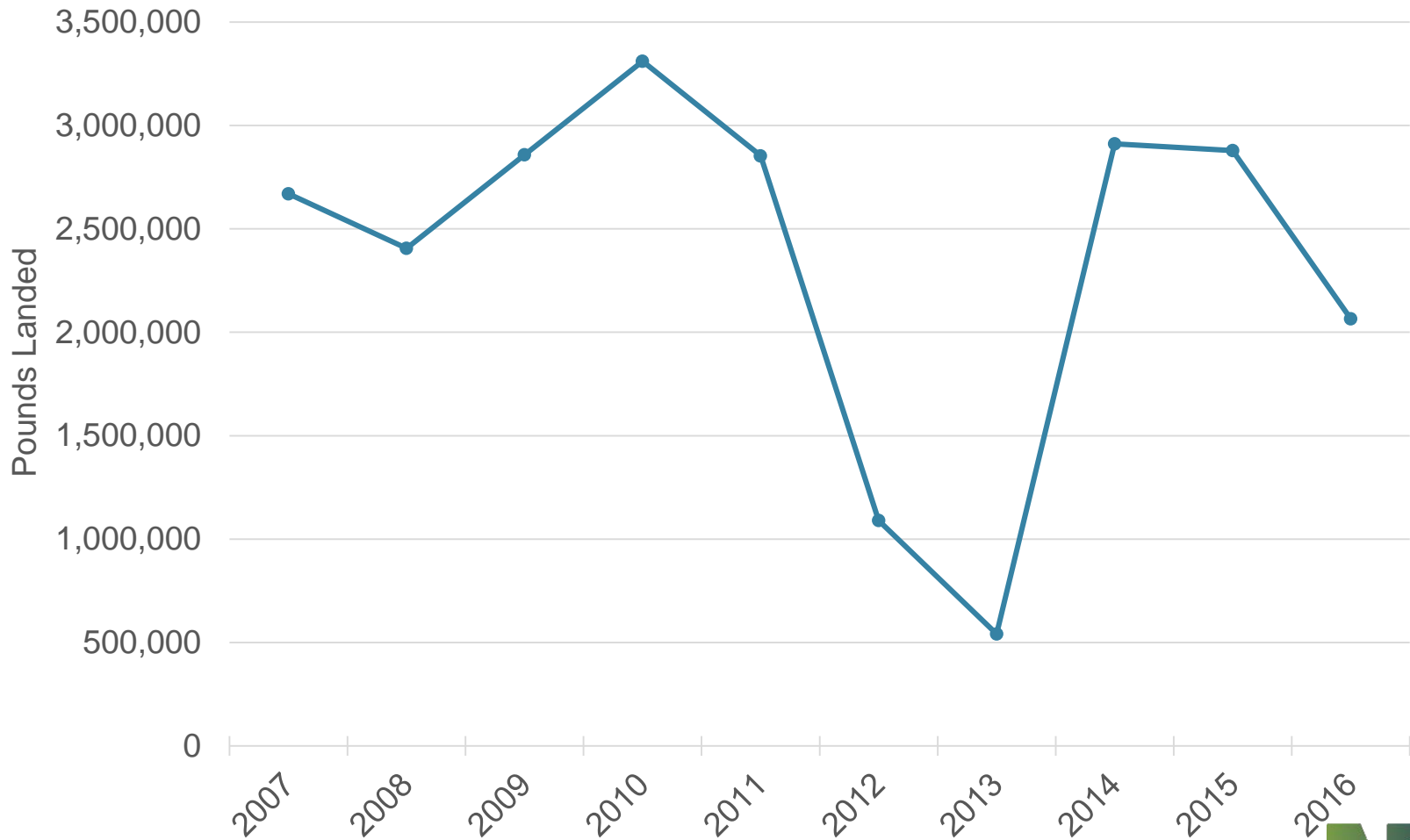
Top Five Species – Commercial Penaeid Shrimp



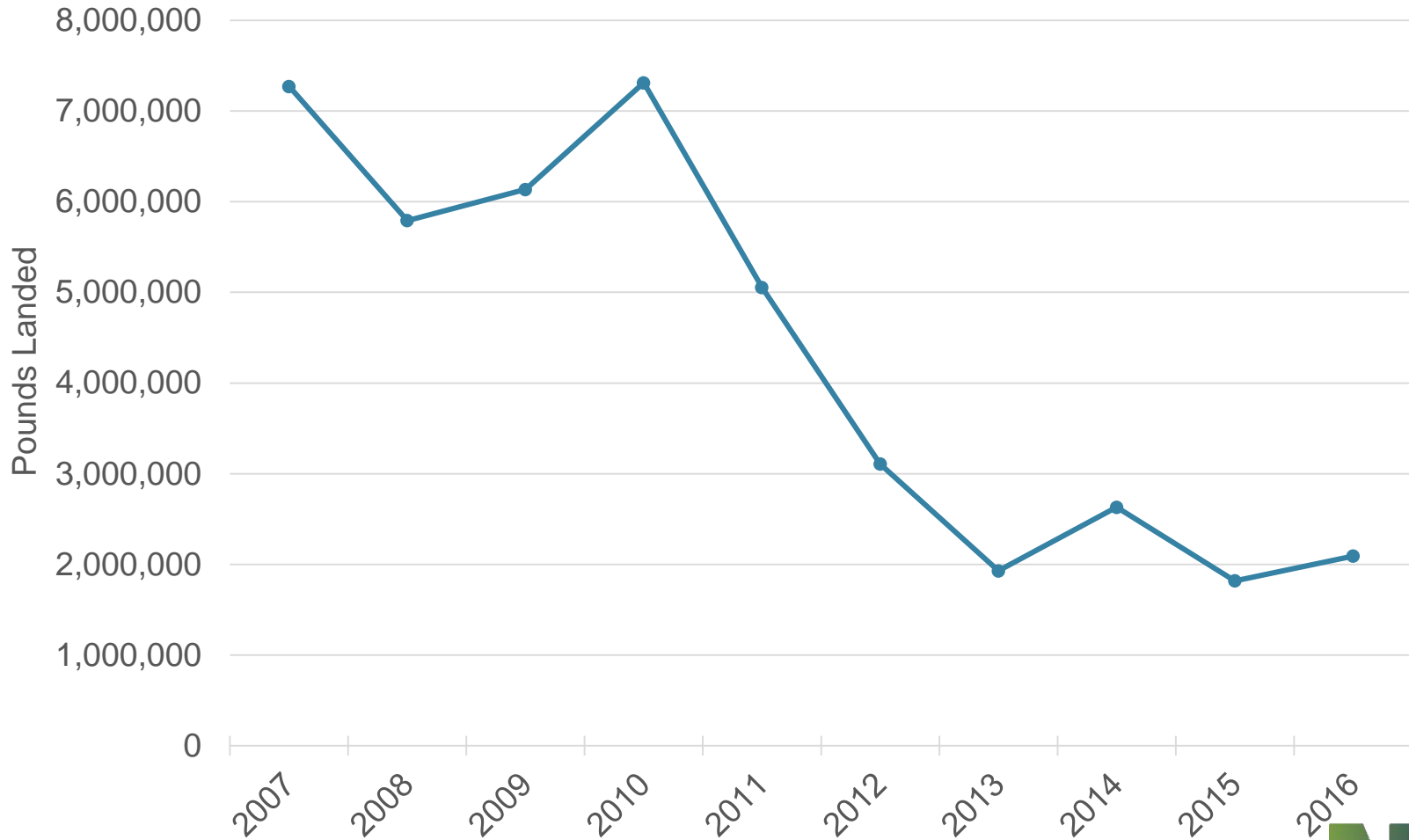
Top Five Species – Commercial Spiny Dogfish



Top Five Species – Commercial Summer Flounder



Top Five Species – Commercial Atlantic Croaker





**2016 Total
Marine Recreational
Fisheries Harvest**

LANDINGS

11.9

million pounds

-11% from 5-year average*

of FISH

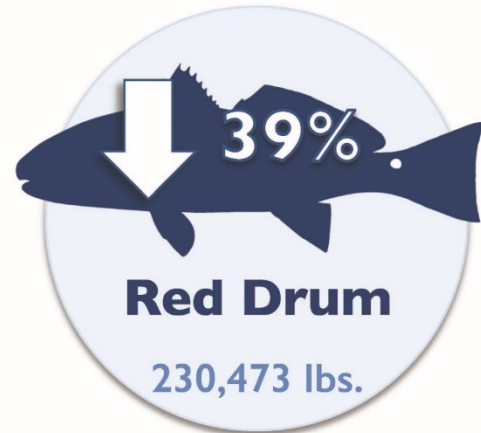
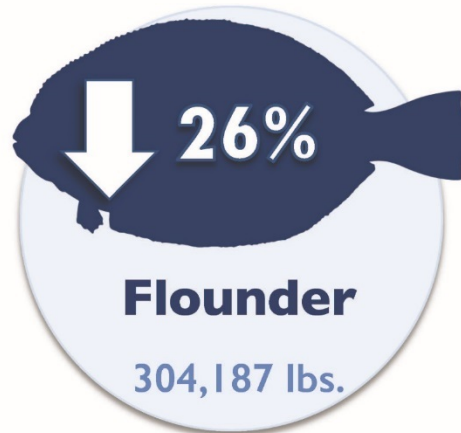
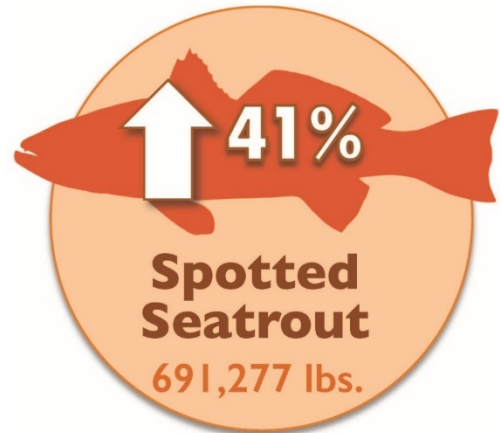
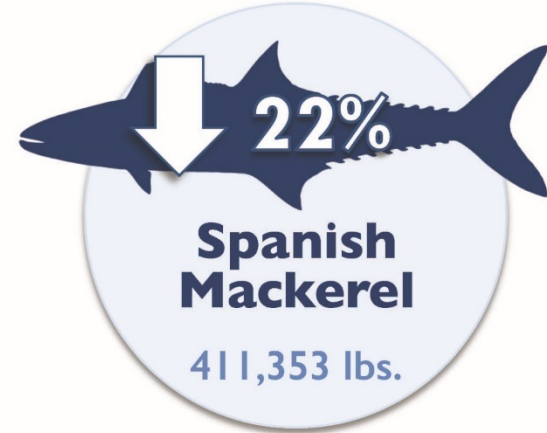
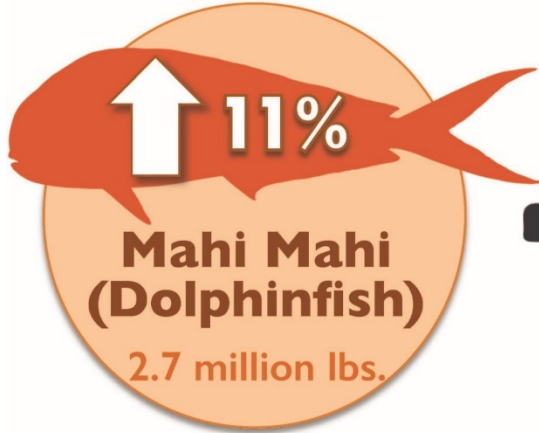
8.6

million

+3% from 5-year average*

INCREASES

DECREASES



*Percentage changes based on average of harvests from 2011 to 2015. Created by N.C. Division of Marine Fisheries and NC Sea Grant.



**2016 Total
Marine Recreational
Fisheries Harvest**

LANDINGS

11.9

million pounds

-11% from 5-year average*

of FISH

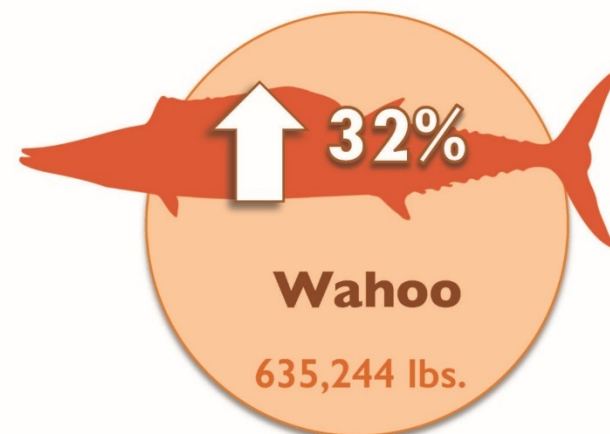
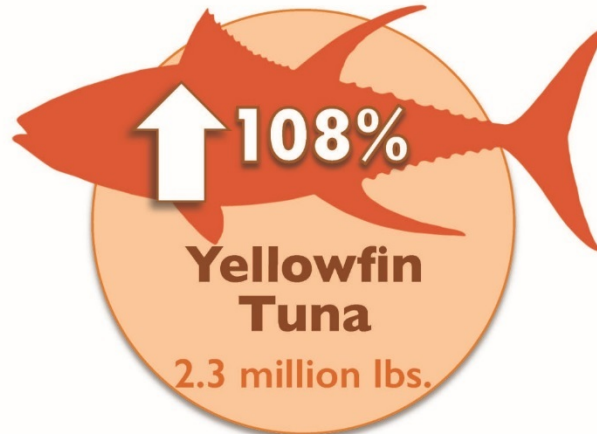
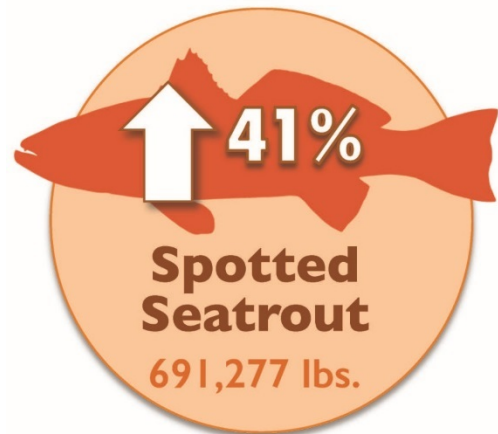
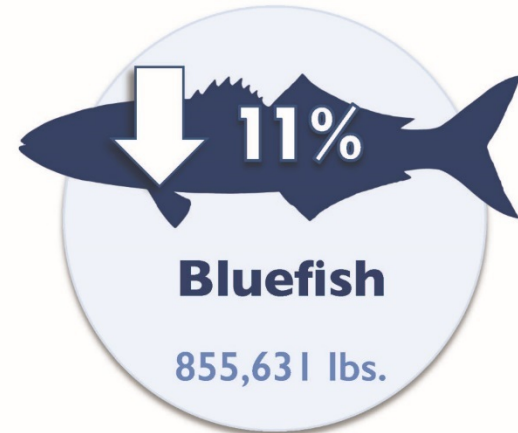
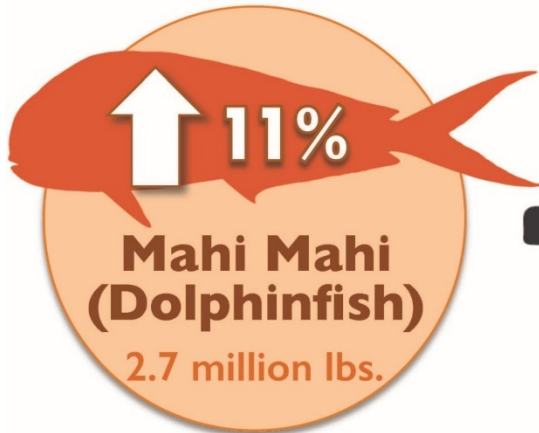
8.6

million

+3% from 5-year average*

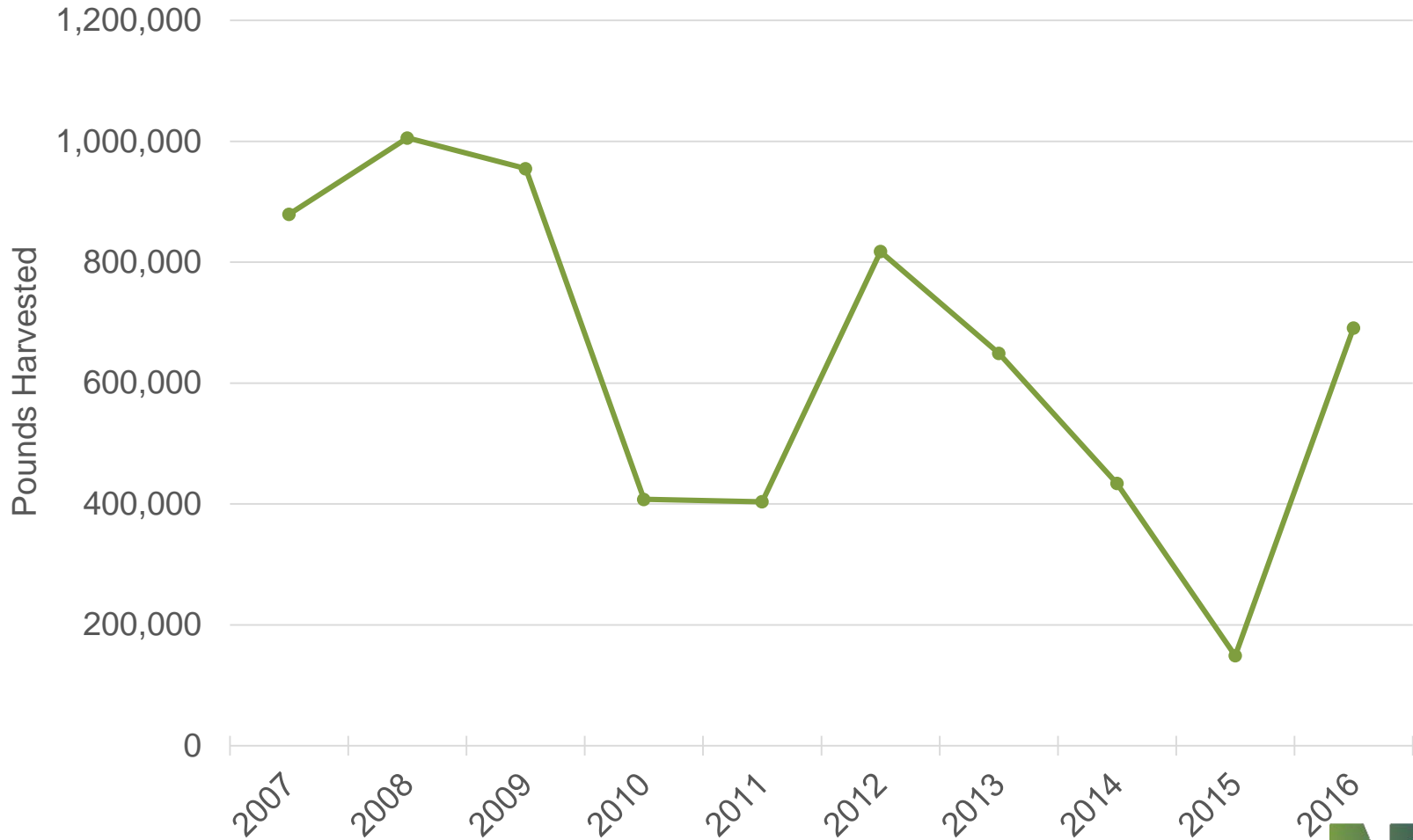
INCREASES

DECREASES

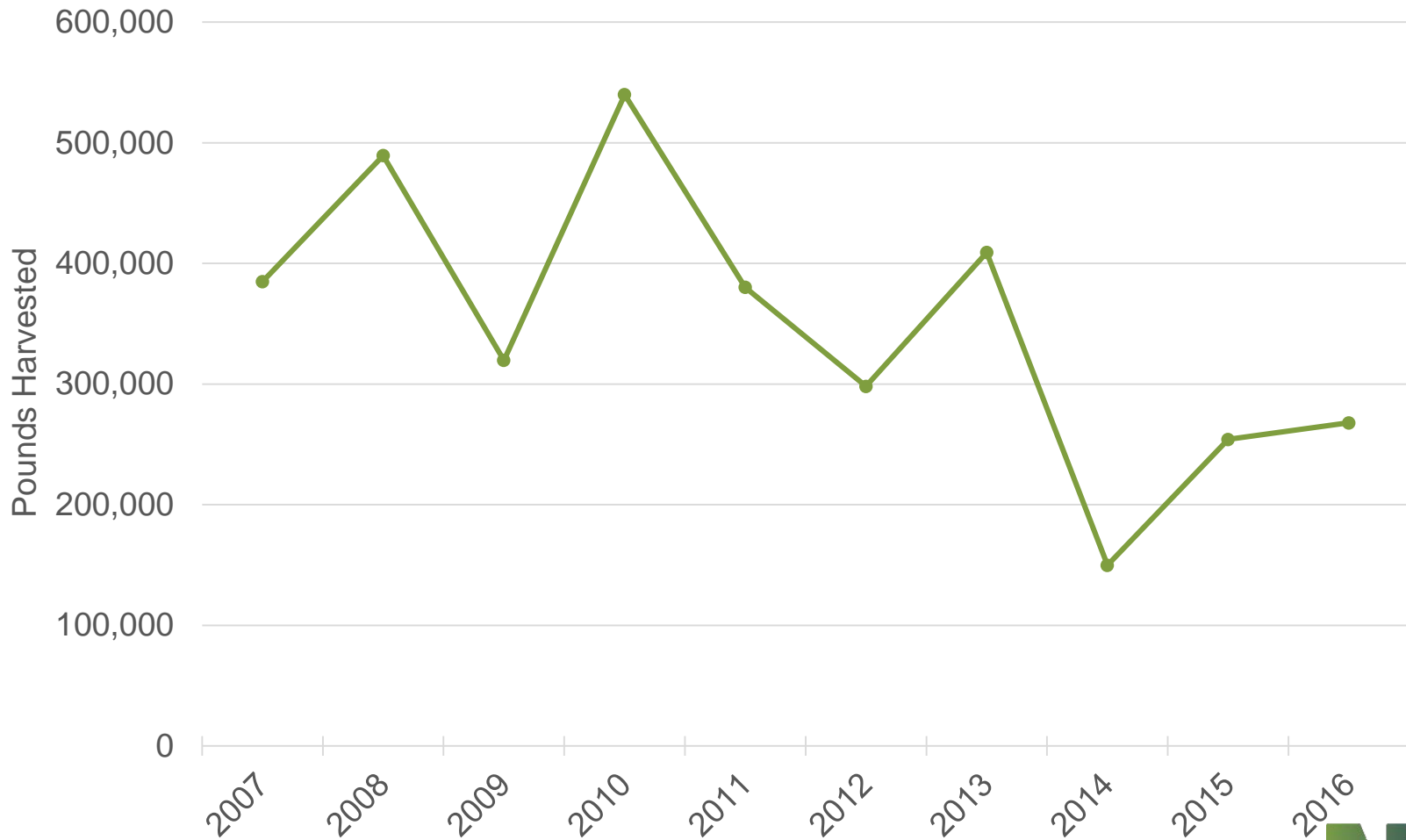
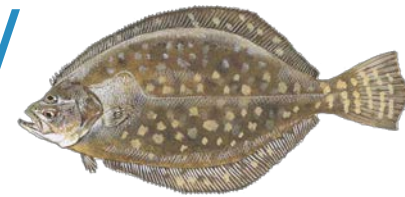


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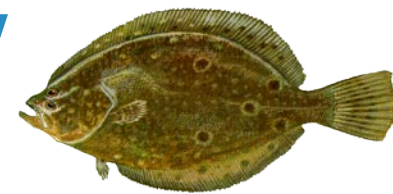
Top Five Species – Recreational Spotted Seatrout



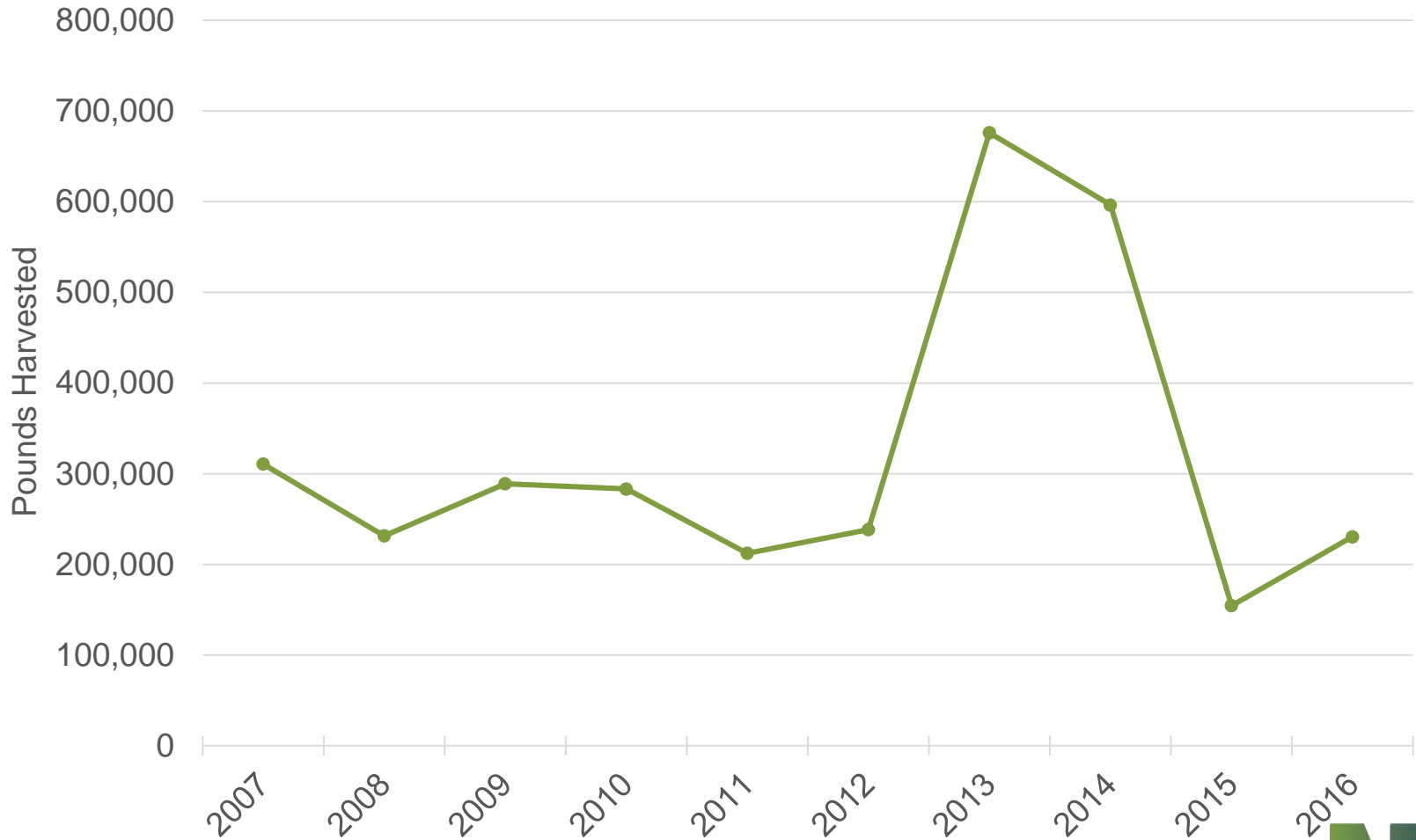
Top Five Species – Recreational Southern Flounder



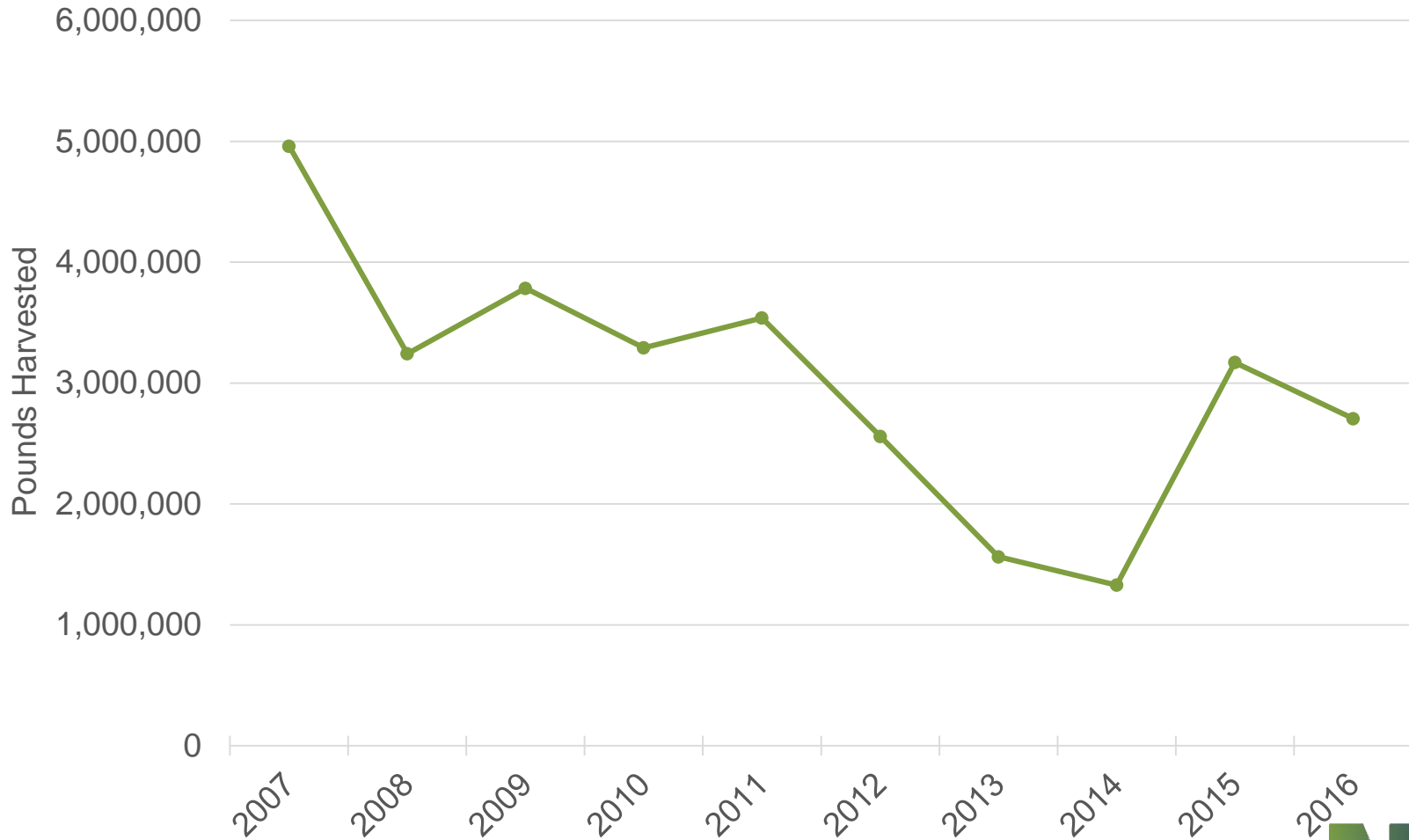
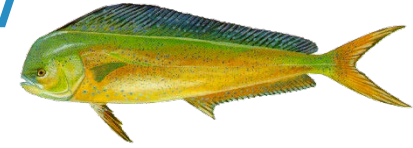
Top Five Species – Recreational Summer Flounder



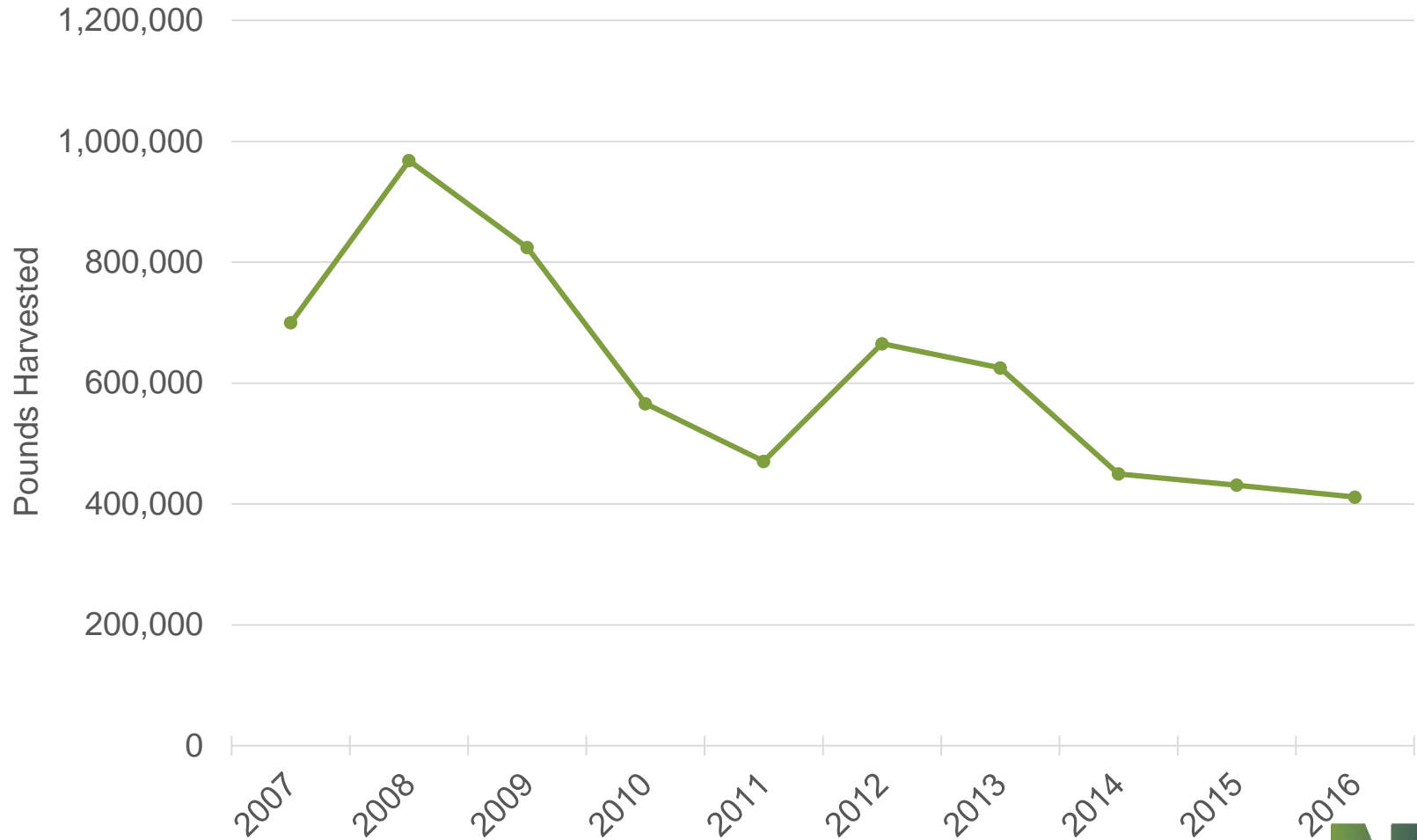
Top Five Species – Recreational Red Drum



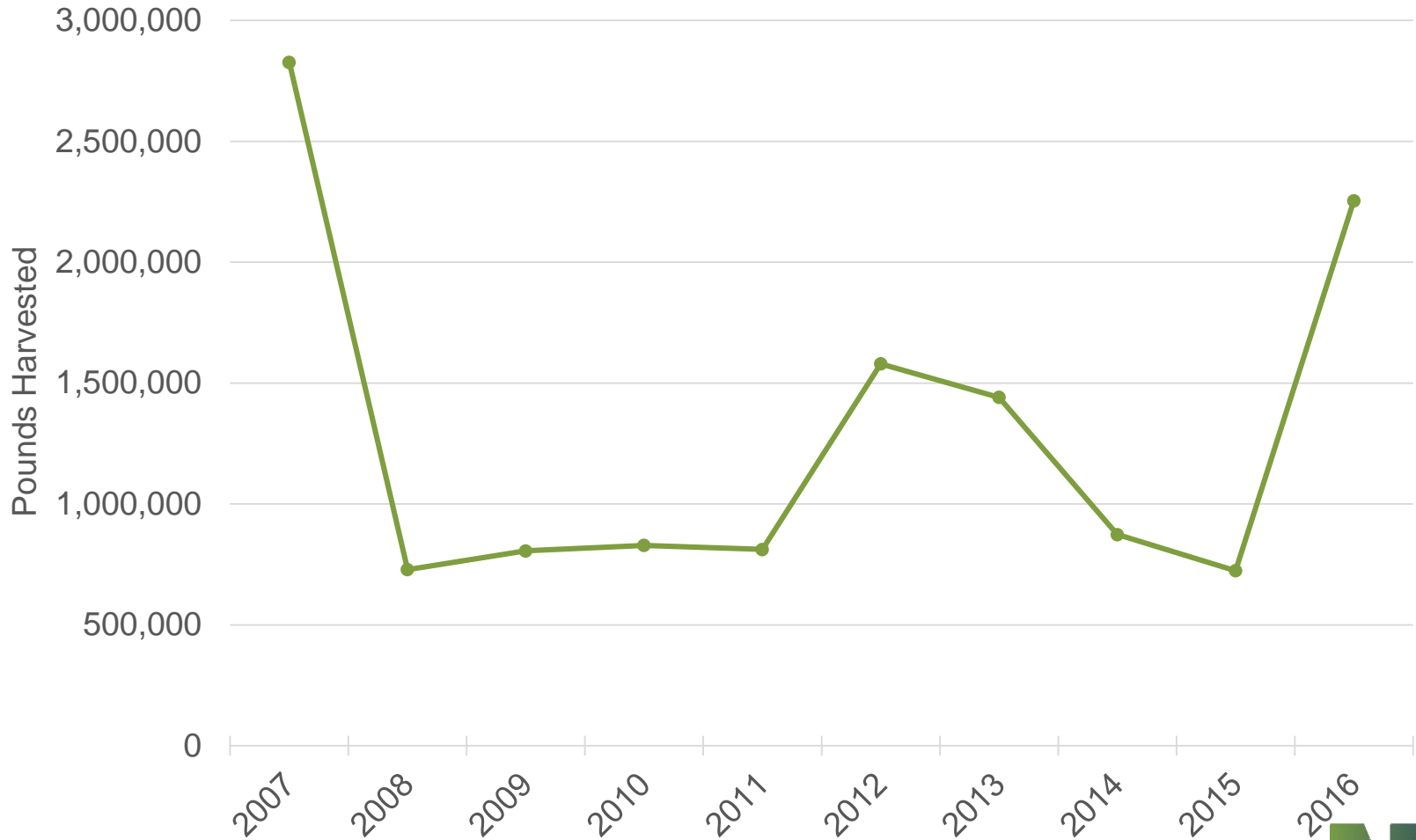
Top Five Species – Recreational Dolphin



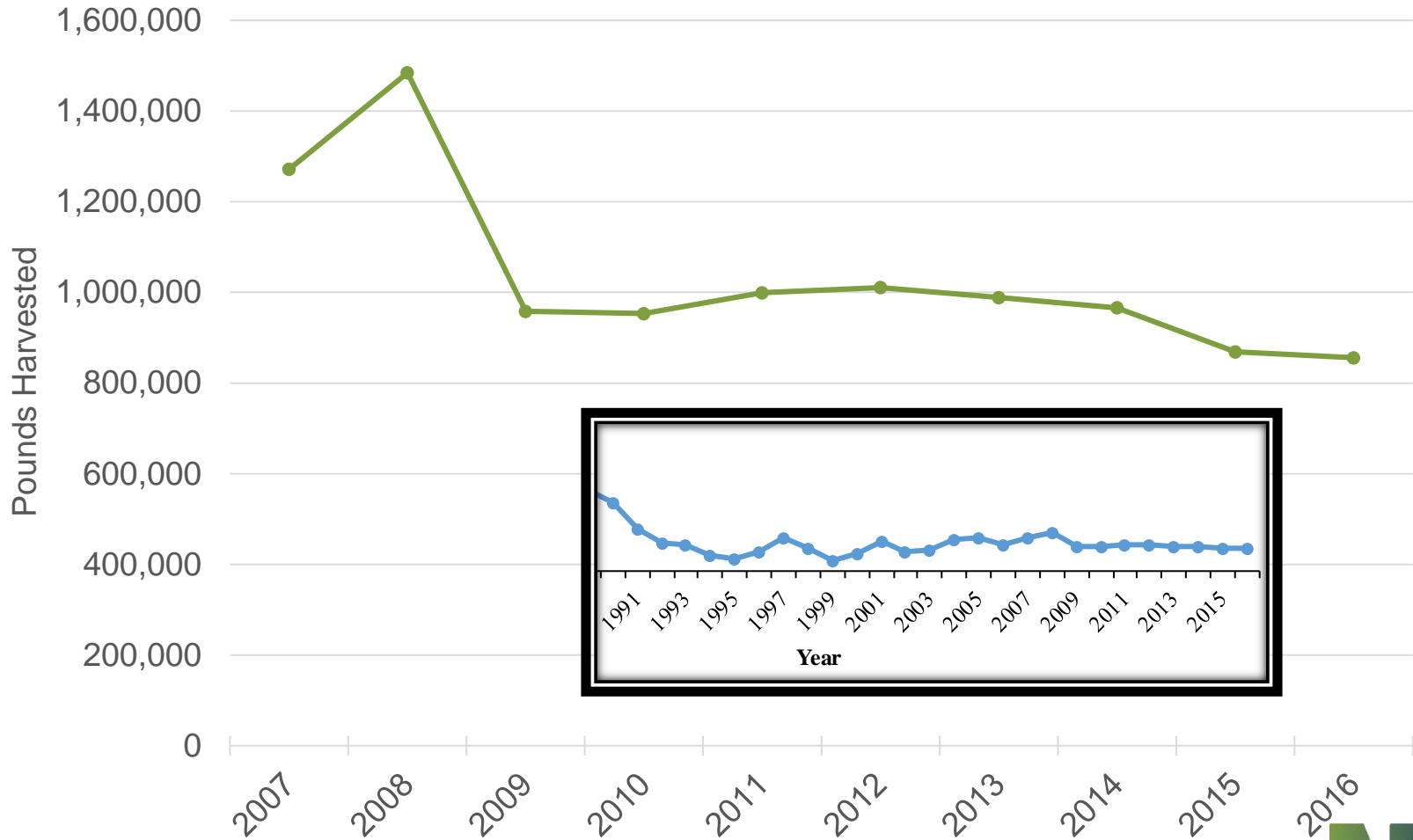
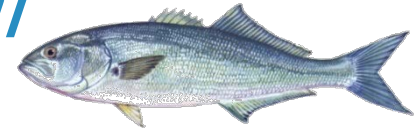
Top Five Species – Recreational Spanish Mackerel



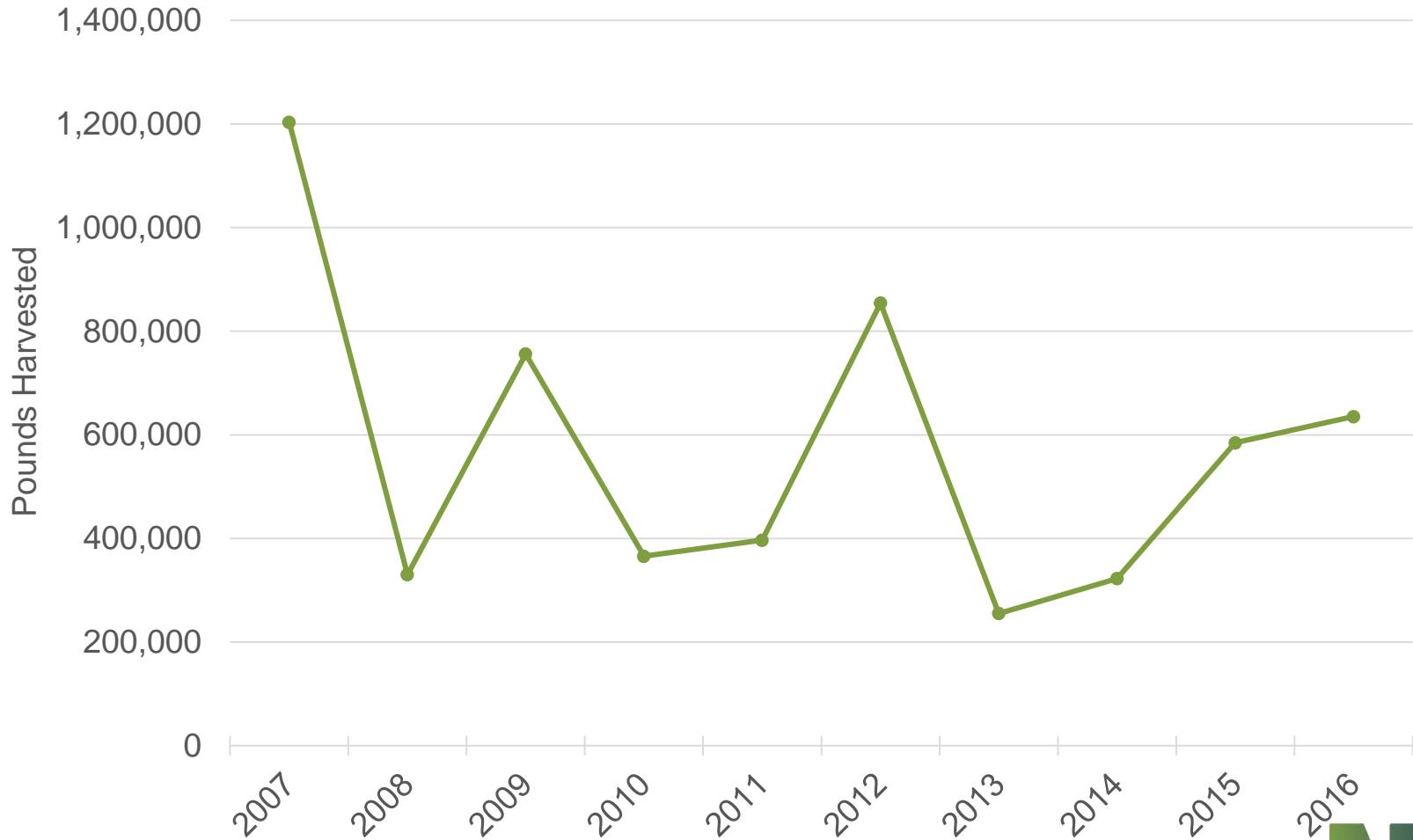
Top Five Species – Recreational Yellowfin Tuna



Top Five Species – Recreational Bluefish



Top Five Species – Recreational Wahoo



Questions