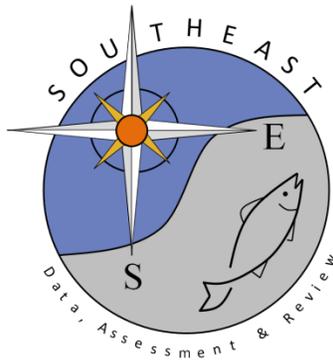


# ACCSP Commercial Catch and Effort Data

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SEDAR-PW6-WP06

Submitted: 10 July 2014



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# **ACCSP Commercial Catch and Effort Data**

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SEDAR-PW6-WP06

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## ACCSP Commercial Catch and Effort Database

Historical commercial landings (1950 to present) for the Atlantic coast are maintained in the Atlantic Coastal Cooperative Statistics Program (ACCSP) Data Warehouse. The Data Warehouse is an on-line database of fisheries dependent data provided by the ACCSP partners. The commercial catch and effort module of the Data Warehouse is designed to capture and manage trip level commercial catch and effort data derived from individual records of fishermen trips or dealer transactions. Level of reporting by state is illustrated in Figure 1.

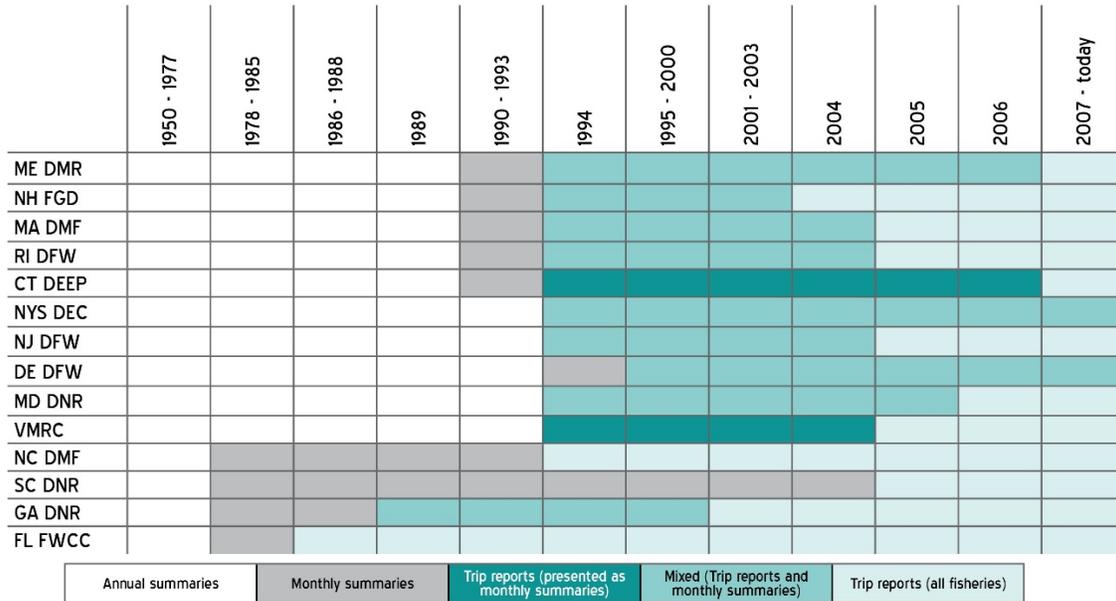


Figure 1 Level of reporting by state and year.

### Data Sources and Reporting Level

ACCSP data are compiled from both one- and two-ticket systems, using both fishermen and dealer reports, with data reporting requirements varying by partner. Table 1 provides a summary of data sources and changes in reporting levels by state for NC through FL. This summary includes but is not restricted to shrimp specific data. More in-depth metadata can be found in the ACCSP Metadata Directory (<http://www.accsp.org/Metadatapage.html>).

State	Years	Data Set	Reporting Level
NC	1950-1961	NMFS_CLS	Annual
NC	1962-1977	NMFS_GENCAN	Annual
NC	1978-1993	NMFS_SE_ALS	Monthly
NC	1994-Present	State dealers Federal dealers	Trip
SC	1950-1961	NMFS_CLS	Annual
SC	1962-1977	NMFS_GENCAN	Annual
SC	1978-2003	NMFS_SE_ALS	Monthly
SC	2004-Present	State dealers Federal dealers	Trip
GA	1950-1961	NMFS_CLS	Annual
GA	1962-1977	NMFS_GENCAN	Annual
GA	1978-1988	NMFS_SE_ALS	Monthly
GA	1989-Present	State dealers and harvesters Federal dealers	Trip
FL	1950-1961	NMFS_CLS	Annual
FL	1962-1977	NMFS_GENCAN	Annual
FL	1978-1985	NMFS_SE_ALS	Monthly
FL	1986-Present	State dealers and harvesters Federal dealers	Trip

Table 1 Data sources and reporting level by state, NC through FL.

### Shrimp Species

The ACCSP data warehouse was queried for states including NC, SC, GA and FL for all years where the common name of the species was like 'shrimp' to determine the included species. The results of this query are listed by species code in Table 2.

Species ITIS	Common Name	Scientific Name
095600	SHRIMP, MARINE	<i>Dendrobranchiata</i>
095601	SHRIMPS, PENAEOID	<i>Penaeoidea</i>
095602	SHRIMPS, PENAEID	<i>Penaeidae</i>
095603	SHRIMP, BAIT	<i>Penaeus</i>
095750	SHRIMP, ATLANTIC SEABOB	<i>Xiphopenaeus kroyeri</i>
095966	SHRIMP, ROYAL RED	<i>Pleoticus robustus</i>
096027	SHRIMP, ROCK	<i>Sicyonia</i>
096028	SHRIMP, ROCK	<i>Sicyonia brevirostris</i>
096421	SHRIMP, PEDERSON CLEANER	<i>Periclimenes pedersoni</i>
096424	SHRIMP, SPOTTED CLEANER	<i>Periclimenes yucatanicus</i>
096601	SHRIMP, PISTOL OR SNAPPING	<i>Alpheus</i>
096893	SHRIMP, PEPPERMINT	<i>Lysmata wurdemanni</i>
096896	SHRIMP, CLEANER	<i>Lysmata grabhami</i>
097297	SHRIMP, GOLDEN CORAL	<i>Stenopus scutellatus</i>

097298	SHRIMP, BANDED CORAL	<i>Stenopus hispidus</i>
099140	SHRIMP, MANTIS	<i>Stomatopoda</i>
551570	SHRIMP, NORTHERN BROWN	<i>Farfantepenaeus aztecus</i>
551574	SHRIMP, NORTHERN PINK	<i>Farfantepenaeus duorarum</i>
551680	SHRIMP, NORTHERN WHITE	<i>Litopenaeus setiferus</i>

Table 2 Shrimp species listed by species code, NC through FL.

## Gears

The ACCSP data warehouse was queried for states including NC, SC, GA and FL for all years where the common name of the species was like 'shrimp' and total pounds for 1950-2013 was equal to or greater than 0.01% of total landings for the time period to determine the included gears. Note that some gears are the primary gear for the trip and shrimp was incidental catch. The results of this query are listed by gear code in Table 3.

Gear Code	Gear Name	Category Name
000	NOT CODED	NOT CODED
070	OTHER FIXED NETS	OTHER FIXED NETS
074	BAG NETS	OTHER FIXED NETS
075	CHANNEL NETS	OTHER FIXED NETS
082	BEAM TRAWLS, OTHER - SHRIMP, CHOPSTICKS	BEAM TRAWLS
090	OTTER TRAWLS	OTTER TRAWLS
092	OTTER TRAWL BOTTOM, FISH	OTTER TRAWLS
095	OTTER TRAWL BOTTOM, SHRIMP	OTTER TRAWLS
110	OTHER TRAWLS	OTHER TRAWLS
114	TRAWL, ROLLER	OTHER TRAWLS
115	TRAWL, ROLLER FRAME	OTHER TRAWLS
116	TRAWL, SKIMMER	OTHER TRAWLS
118	BUTTERFLY NETS	OTHER TRAWLS
130	POTS AND TRAPS	POTS AND TRAPS
132	POTS AND TRAPS, BLUE CRAB	POTS AND TRAPS
143	POTS AND TRAPS, SHRIMP	POTS AND TRAPS
145	POTS AND TRAPS, STONE CRAB	POTS AND TRAPS
550	DIP NETS	DIP NETS
551	CAST NETS	DIP NETS
600	TONGS	TONGS
750	BY HAND, DIVING GEAR	BY HAND, DIVING GEAR
760	BY HAND, NO DIVING GEAR	BY HAND, NO DIVING GEAR
800	OTHER GEARS	OTHER GEARS
801	UNSPECIFIED GEAR	OTHER GEARS
802	COMBINED GEARS	OTHER GEARS

Table 3 Gears on shrimp trips listed by gear code, NC through FL.