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National Marine Fisheries Service

NOAA Technical Memorandum NMFS-SEFC-230

Seasonality Availability of Finfish and Shellfish in the Southeastern Region

by:

John M. Ward



**National Marine Fisheries Service
Southeast Regional Office
9450 Koger Blvd.
St. Petersburg, FL 33702**

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U.S. Department of Commerce
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National Oceanic and Atmospheric Administration
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July 1989

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Seasonality Availability of Finfish and Shellfish In the Southeastern Region

Introduction

The southeastern region fishery resources are exploited by both commercial harvestors and recreational user groups. Many of these fishery resources exhibit seasonal changes in stock availability and are not always present in all areas of the southeast for commercial and recreational harvest. Since both recreational and commercial user groups can benefit from better knowledge about the seasonal availability of the resource by area and time of year, the accompanying tables have been developed. The first set of tables present the finfish species alphabetically by state where the landings occurred. The second set of tables present the shellfish species alphabetically by state of landing.

The available commercial landings data from 1977 to 1986 were used to develop a ten year annual average pounds landed and the percentage of that annual average landed each month was determined for each species by state in the southeastern region to reduce the influence of individual year fluctuations in stock size. Commercial landings data provides an excellent index of the seasonal availability of many finfish and shellfish species used by commercial and recreational fishermen, however, species that are in demand by recreational users exclusively such as tarpon and bone fish could not be accounted for in the tables.

Individuals interested in harvesting a particular species of fish can inspect the tables to determine the time of year the species is most prevalent in each state of the southeastern region. For example, if king mackerel is the species of interest, the finfish tables indicate that December through March is the best time of year to fish for king mackerel in Florida; the percentage landed varying from 10.34% to 18.67% respectively. King mackerel landings are relatively lower in Florida during the summer months indicating a reduced stock availability.

FLORIDA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Alieives	2.12	1.10	1.01	2.00	1.43	13.01	15.47	11.05	4.92	5.09	11.92	29.41	248,207.90
Amberjack	6.13	5.55	7.05	12.50	12.04	11.44	8.43	7.40	7.12	6.02	7.30	8.93	447,410.20
Angelfish	5.95	7.02	5.59	10.13	9.72	10.40	7.36	8.84	14.11	9.22	6.77	6.60	8,610.00
Ballyhoo	10.76	9.40	7.60	5.20	4.49	3.21	1.00	1.40	4.95	10.00	16.04	15.40	304,571.00
Barracuda	11.05	5.06	20.14	2.03	2.53	9.71	10.21	6.70	6.54	6.52	6.63	5.20	6,412.50
Bluefish	10.23	11.60	11.10	10.40	6.77	3.30	2.00	3.47	5.54	7.00	6.23	8.47	2,347,409.10
Blue Runner	2.70	0.76	1.55	1.42	40.62	26.14	11.03	5.30	4.42	2.63	1.71	1.53	1,291,701.20
Bonito	0.43	0.47	2.63	5.33	12.70	22.02	13.33	0.89	13.73	14.83	2.77	1.00	214,824.10
Cobia	11.00	13.00	11.75	11.32	6.97	5.01	7.67	6.43	4.05	4.41	6.80	9.11	111,013.40
Catfish	12.01	12.13	9.21	8.30	8.00	5.74	5.77	5.94	6.60	7.60	9.02	8.00	485,683.00
Cigarfish	0.00	0.01	0.23	10.26	20.63	27.50	10.00	4.50	2.04	0.01	2.69	0.00	1,027,368.00
Crovalle	5.06	2.87	6.45	16.48	5.79	4.54	4.75	5.28	14.90	23.14	6.67	4.00	2,170,529.40
Croaker	7.01	7.13	8.50	8.07	9.40	8.00	8.52	11.00	11.54	10.20	5.35	4.25	570,170.90
Dolphinfish	0.99	1.19	2.00	6.02	25.59	29.36	15.76	8.07	3.94	2.18	1.95	2.10	223,776.30
Black Drum	3.04	4.50	11.22	4.00	8.87	3.07	3.70	7.25	8.65	9.40	27.04	7.51	401,010.20
Red Drum	10.87	8.09	6.04	8.31	5.85	3.66	7.52	9.50	10.35	8.16	10.99	9.85	913,902.40
Common Eel	13.36	6.86	7.10	7.48	5.53	2.24	1.21	2.20	6.86	10.86	14.61	20.63	144,423.10
Flounder	4.53	4.25	5.00	6.21	6.28	6.94	5.70	5.76	8.94	12.49	21.49	12.42	604,851.10
Goatfishes	6.71	9.33	12.02	12.62	9.55	6.50	5.63	5.08	7.36	8.11	9.30	5.77	93,393.40
Groupers	6.20	6.99	8.07	8.71	10.53	9.75	9.82	8.81	8.12	7.90	6.90	8.04	8,174,378.10
Grunts	7.21	7.43	9.49	10.51	10.44	9.38	6.70	5.94	5.94	8.30	10.30	8.19	122,148.00
Thread Herring	0.00	1.66	0.39	3.56	10.77	19.61	13.55	19.17	13.20	15.00	2.60	0.32	396,823.30

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FLORIDA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Hogfish	9.30	8.28	12.94	8.28	6.04	8.75	8.51	6.85	9.91	6.65	5.79	8.77	45,182.10
Joufish	7.84	12.16	8.85	8.99	7.59	8.89	8.54	9.87	8.87	6.63	7.32	6.13	171,160.80
King Mackerel	18.87	21.53	18.61	4.54	9.84	2.57	2.89	6.11	2.58	1.15	1.86	18.34	5,532,136.70
King Whiting	7.55	5.70	15.57	12.82	6.45	8.82	6.47	4.81	3.28	5.22	11.35	13.34	1,067,378.20
White Marlin	6.29	5.52	6.16	5.05	18.81	12.17	17.98	8.84	7.24	3.84	11.87	4.88	8,742.48
Blue Marlin	3.34	9.31	8.36	14.33	18.22	12.89	13.87	5.43	6.70	2.35	2.43	3.47	8,388.88
Marlin	2.54	6.82	18.68	11.43	13.78	14.68	12.91	6.83	18.25	4.18	3.88	3.42	42,173.88
Mohaden	8.82	8.58	1.29	3.48	12.48	28.86	22.98	15.88	11.82	5.84	3.31	2.28	15,128,813.28
Black Mullet	6.78	3.58	3.28	3.48	4.18	9.84	6.41	8.78	18.78	12.38	18.78	18.82	24,527,485.18
Silver Mullet	11.88	6.85	7.84	9.88	7.82	4.38	8.34	6.83	11.79	8.18	11.33	8.88	885,874.28
Permit	6.15	8.88	6.18	3.25	5.87	11.88	12.22	9.83	8.15	10.55	5.85	10.78	42,858.88
Pigfish	8.38	7.85	9.88	4.31	5.47	5.83	7.28	7.85	5.88	10.14	18.56	11.38	5,118.58
Pompano	14.58	11.34	8.35	9.88	7.37	5.87	4.72	6.81	5.78	7.18	8.72	10.48	811,119.88
Sailfish	8.88	8.88	8.88	88.28	35.94	3.86	8.88	8.88	8.88	8.88	8.88	8.88	111.38
Sand Parch	9.88	4.83	7.83	12.31	12.78	12.73	18.88	9.14	5.92	6.34	3.81	4.41	227,254.88
Scup	6.32	6.37	7.68	18.75	11.38	18.84	18.85	9.72	7.41	6.32	6.83	5.92	488,842.18
Sea Bass	9.88	18.53	9.83	8.57	9.81	8.72	5.88	6.77	9.87	8.81	7.48	8.73	78,872.88
Sea Catfish	1.86	4.48	18.88	38.83	12.98	4.58	5.32	4.52	15.78	4.54	3.85	1.31	117,838.18
Gray Sea Trout	12.82	9.22	11.29	29.83	7.88	4.52	4.57	5.47	4.17	1.82	2.88	5.21	138,876.28
Spotted Seatrout	14.38	8.88	8.34	6.71	6.52	5.28	5.82	9.31	6.85	8.14	11.88	18.85	2,288,884.28
White Sea Trout	14.82	12.24	9.87	5.16	4.47	5.24	7.17	8.83	6.41	8.84	8.58	18.85	222,742.58

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FLORIDA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Shad	51.94	20.49	1.21	0.00	0.15	0.14	4.57	4.60	3.33	3.39	2.12	0.00	165,202.50
Sharks	6.90	8.80	11.00	11.20	9.20	8.30	7.40	7.40	6.00	7.11	7.90	7.10	816,933.30
Sheepshead	13.56	10.07	10.31	9.63	5.00	4.40	4.16	4.83	5.89	10.47	10.25	10.54	440,220.30
Red Snappers	5.98	7.02	7.32	6.07	9.27	9.00	8.99	9.05	9.56	9.00	9.00	8.94	2,000,852.00
Snappers	5.07	5.80	7.70	8.50	10.54	12.74	12.35	8.27	7.20	7.13	6.91	6.85	2,000,215.00
Spanish Mackerel	33.00	17.60	6.57	3.55	1.37	0.33	0.30	0.70	1.42	2.29	6.00	20.99	8,044,115.40
Spanish Sardines	9.01	0.70	1.35	11.01	17.34	23.00	18.92	11.24	6.00	7.55	1.10	0.10	3,001,990.00
Spot	0.80	0.70	1.40	6.60	6.20	6.40	5.94	6.50	20.30	26.37	17.90	1.77	1,014,742.50
Sturgeon	1.95	3.23	30.00	39.55	1.40	0.01	1.00	0.00	0.99	5.50	7.20	2.90	2,000.70
Swordfish	5.54	6.10	8.00	13.00	15.79	13.43	8.90	5.75	4.00	5.12	6.40	6.30	2,005,926.40
Tenpounder	0.16	0.23	0.14	0.94	10.91	9.17	3.42	3.07	10.26	41.82	2.65	0.21	2,930,140.40
Tilapia	12.71	9.33	9.44	11.30	7.35	4.00	7.00	7.73	4.40	7.69	8.16	9.80	45,854.30
Tilfish	5.71	3.65	6.30	6.12	7.02	10.64	11.30	10.64	10.97	12.29	8.95	7.30	1,003,814.00
Triggerfish	4.00	4.00	5.03	6.97	10.90	8.31	7.42	8.41	9.84	12.77	10.00	9.40	97,937.00
Tripletail	12.12	10.85	13.32	4.50	4.07	2.02	1.25	9.30	1.70	4.94	21.03	13.04	8,544.70
Tuna	7.11	4.81	4.67	5.82	9.95	11.00	15.22	11.00	6.50	8.30	7.20	7.10	1,006,204.00
Wahoo	5.20	7.09	4.57	6.57	8.94	11.75	18.90	13.76	8.40	6.00	3.97	4.82	17,009.00
Warsaw	6.07	6.46	9.00	9.26	10.40	9.00	11.10	11.92	6.45	6.20	6.94	6.30	100,232.00
Other Finfish	10.10	8.77	6.43	9.00	7.50	7.43	6.60	7.77	6.52	7.70	9.97	6.11	1,300,640.00
Bait Finfish	3.82	6.17	3.27	5.73	6.14	13.55	14.04	17.69	12.42	7.11	3.70	3.04	2,947,891.10

GEORGIA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Amberjack	4.67	16.67	11.99	27.75	22.50	0.70	5.24	3.52	3.48	2.01	0.50	0.94	2,515.67
Angelfish	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00
Bluefish	0.03	2.52	14.00	44.00	24.01	2.50	4.92	2.00	1.23	1.24	0.11	0.16	794.09
Donito	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.70
Doufin	4.01	95.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00
Butterfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1.11
Small Butterfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1.11
Cobia	7.73	21.85	15.39	17.52	10.00	9.63	1.00	2.41	3.70	0.83	0.10	0.00	1,255.11
Carp	3.67	30.07	56.92	9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	209.70
Catfish	6.00	7.20	4.00	4.92	6.74	7.62	7.35	8.07	10.45	9.97	14.29	11.44	60,541.22
Crevalle	0.00	0.00	0.00	0.00	59.50	1.99	6.06	1.72	19.17	11.40	0.00	0.00	122.89
Croaker	0.00	0.00	0.00	3.60	0.60	3.43	0.95	5.70	61.09	18.95	5.26	0.33	3,240.70
Dolphinfish	2.20	0.11	4.67	1.39	14.70	34.35	26.39	0.30	3.23	1.96	1.52	0.07	4,927.44
Black Drum	0.64	1.65	27.60	41.07	14.57	0.00	1.07	10.70	0.51	0.00	1.16	0.00	416.33
Red Drum	5.17	11.34	4.47	7.60	4.10	3.44	3.02	6.01	7.16	12.72	22.50	12.00	1,426.11
Common Eel	7.14	10.00	0.41	6.50	0.93	2.10	1.51	0.00	3.03	9.20	21.07	22.95	20,040.70
Flounder	2.37	0.00	1.17	1.01	9.07	9.27	6.00	6.40	11.20	22.91	19.25	9.10	70,800.00
Groupers	13.09	10.17	15.50	35.21	26.30	23.30	17.11	33.50	93.10	13.04	12.34	7.11	90,595.44
Speckled Hind	2.66	0.14	5.19	9.09	17.03	23.06	16.97	5.97	1.70	1.26	4.64	6.01	3,000.70
Red Hind	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1.00
Scamp	3.47	6.41	3.40	6.04	14.45	10.11	11.09	0.03	6.25	0.33	0.02	4.04	9,051.70

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GEORGIA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Grunts	4.74	0.00	4.60	17.00	9.46	9.32	14.85	14.62	0.04	12.01	1.29	2.29	731.70
Hickory Shad	17.50	73.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,405.00
Jewfish	0.00	0.55	0.00	40.85	4.40	0.00	47.00	0.00	0.00	0.00	0.00	0.00	230.00
Mississig	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,666,666.67
King Mackerel	0.67	0.71	0.55	10.02	16.34	18.77	12.77	21.29	6.41	5.37	4.95	2.15	40,044.11
King Whiting	2.30	1.15	1.40	5.04	14.70	7.43	0.00	9.41	10.15	13.03	14.14	10.05	201,401.70
Marlin	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.00
Black Nullet	13.71	10.51	1.10	1.00	1.77	29.55	1.75	0.01	0.03	14.30	5.50	1.42	600.50
Pompano	0.00	0.00	0.00	0.50	12.00	0.04	1.00	17.72	5.77	37.91	23.02	0.00	471.50
Sailfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	3.00
Scup	2.61	0.00	14.43	10.10	10.00	11.07	0.44	9.40	0.30	3.26	2.30	2.62	52,900.11
Unknown	4.67	4.02	5.10	0.79	9.75	13.00	10.00	12.27	4.50	4.37	0.00	5.27	34,640.11
Sea Bass	0.67	0.72	9.07	10.56	11.65	15.70	0.00	0.20	4.50	5.53	4.04	2.70	12,301.11
Gray Sea Trout	3.42	0.00	0.00	3.00	4.70	7.32	10.00	10.42	12.20	20.63	11.33	3.01	723.50
Spotted Seatrout	12.15	2.30	0.50	2.71	0.90	2.01	2.10	3.37	5.00	24.14	21.70	21.30	4,012.50
Shad	9.27	37.00	51.20	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	210,207.11
Sharks	1.43	0.70	0.93	5.70	0.20	12.91	4.00	19.43	14.31	17.70	4.05	0.00	2,170.67
Sheepshead	0.10	0.10	1.10	5.57	4.55	0.19	1.03	1.34	0.20	5.11	34.90	20.70	330.11
Red Snappers	6.07	7.42	14.00	12.47	10.50	10.00	4.03	5.04	5.07	5.10	4.70	3.24	30,610.67
Snappers	4.21	3.40	7.00	14.30	12.14	10.15	0.20	0.00	11.70	9.70	6.44	3.57	62,307.00
Spadefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	44.07

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SOUTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Alewives	0.00	0.00	59.22	22.88	15.58	2.32	0.00	0.00	0.00	0.00	0.00	0.00	369,845.00
Amberjack	11.15	23.91	18.38	0.52	4.71	4.14	2.97	5.91	5.99	4.51	4.90	5.73	21,187.22
Angelfish	0.00	0.00	38.33	61.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
Barracuda	1.10	0.00	0.00	0.00	0.00	5.79	24.97	41.99	21.06	0.00	2.81	2.39	232.33
Bluefish	1.83	25.77	8.21	15.74	3.83	13.42	0.00	0.00	9.79	14.82	15.78	0.00	6,873.78
Bonito	0.00	0.00	97.77	0.00	2.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.78
Other													
Butterfish	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00
Cobia	28.45	28.13	13.71	7.12	2.99	2.12	2.74	8.91	1.00	1.89	3.18	17.88	5,251.88
Catfish	0.59	4.16	7.56	12.37	21.18	13.11	7.94	2.51	8.74	8.84	6.87	3.86	148,881.67
Crevalle	0.00	0.00	89.47	0.00	10.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.22
Croaker	0.55	0.13	8.48	4.86	2.26	7.85	5.28	14.72	28.72	21.63	20.67	2.52	2,885.56
Dolphinfish	0.30	0.19	0.89	0.96	18.47	37.21	23.85	9.37	4.41	2.81	1.18	1.43	13,982.33
Black Drum	1.81	1.38	55.78	21.45	4.77	4.74	5.38	1.88	0.88	2.88	8.83	8.96	1,831.33
Red Drum	3.41	4.73	15.82	4.81	2.88	8.92	18.27	18.88	18.88	18.88	11.88	8.53	3,855.56
Common Eel	0.32	0.89	33.64	38.45	12.88	3.77	2.42	8.25	0.88	9.22	7.25	8.58	6,188.33
Conger Eel	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44
Flounder	8.98	8.51	1.34	8.45	2.85	8.88	18.93	11.17	17.85	27.89	8.32	3.39	84,754.88
Groupers	8.54	13.87	14.85	25.37	33.25	68.39	28.85	19.79	81.85	12.28	11.24	12.29	498,871.88
Speckled Hind	4.58	5.94	9.48	18.82	13.88	18.52	18.88	18.14	5.88	3.78	4.88	9.45	9,782.11
Rock Hind	0.88	8.88	8.88	8.88	8.88	38.18	12.78	8.27	8.88	6.82	8.88	38.83	14.78
Red Hind	0.88	8.88	8.88	100.00	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	1.44

(CONTINUED)

SOUTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

16:58 Thursday, June 16, 1989 8

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Scamp	1.88	2.14	2.29	4.45	8.44	12.88	15.18	16.78	18.18	11.28	8.18	8.82	58,487.33
Wassau Grouper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	11.00
Grunts	7.57	8.35	8.13	8.88	7.83	8.89	8.28	7.53	7.35	8.81	8.84	11.12	21,138.44
Atlantic Mako	0.00	17.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	82.89	0.00	8.44
Unclassified Herring	0.00	0.00	85.84	12.53	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.81	89,488.22
Hickory Shad	1.74	88.22	35.57	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	581.87
Hogfish	17.88	28.15	11.22	3.89	3.23	4.98	8.43	5.75	3.78	2.48	5.38	15.87	4,538.33
King Mackerel	1.38	8.85	1.82	5.18	7.83	8.47	14.48	18.88	13.11	14.45	18.48	5.88	123,813.88
King Whiting	8.52	8.15	8.18	8.44	3.88	7.37	18.88	15.84	18.52	21.81	13.18	4.28	81,132.22
White Marlin	0.00	0.00	0.00	0.00	8.88	0.00	0.00	73.78	8.25	11.38	0.00	0.00	87.33
Blue Marlin	0.00	0.00	0.00	0.00	0.00	0.00	11.22	54.88	38.18	0.00	4.81	0.00	388.11
Marlin	0.00	0.00	0.00	7.87	13.45	17.88	17.33	27.88	8.18	4.13	3.88	0.00	2,845.78
Menhaden	0.00	0.00	3.58	8.88	8.88	8.88	18.88	0.00	8.88	17.44	18.38	48.77	1,118.22
Winnow	0.00	0.00	0.00	0.00	0.00	0.00	100.00	8.88	0.00	0.00	0.00	0.00	18.87
Black Mullet	8.82	8.88	8.85	8.81	8.83	8.84	8.88	8.18	38.31	48.88	14.51	8.28	472,828.88
Pompano	0.00	0.00	0.00	8.88	8.88	8.83	7.22	17.14	42.42	24.48	7.77	8.84	1,387.33
Sailfish	0.00	0.00	0.00	2.58	5.28	18.18	38.84	13.83	21.88	8.88	8.88	0.00	178.88
Sand Perch	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.87
(Bellhead, Scorpion) Sculpin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	14.87
Scup	18.47	13.47	13.88	18.71	8.52	8.58	8.47	7.38	5.82	5.28	5.14	7.87	345,521.88

(CONTINUED)

SOUTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

16:58 Thursday, June 15, 1989 9

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Unknown	5.38	3.90	4.67	4.44	12.78	8.61	12.52	12.20	8.38	9.48	6.70	9.01	38,855.56
Sea Bass	16.47	16.50	16.05	11.22	8.83	4.17	3.47	6.28	4.46	3.86	4.90	7.75	267,637.89
Gray Sea Trout	0.00	0.00	0.00	0.00	3.01	2.42	10.10	16.00	16.87	52.75	0.00	0.00	1,698.78
Spotted Seatrout	3.81	1.31	0.89	2.27	1.87	1.59	3.06	7.29	4.48	18.87	26.38	18.83	3,231.11
Shad	0.00	28.57	54.48	14.34	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	361,888.87
Sharks	2.53	4.37	6.18	0.00	28.28	13.81	9.84	18.58	8.85	7.38	4.11	4.88	74,812.11
Sheepshead	0.00	0.00	0.00	0.00	1.89	0.78	2.93	8.57	1.93	27.87	44.11	28.72	788.22
Snappers	8.32	13.89	13.73	9.48	7.34	5.19	4.63	185.84	8.18	8.54	6.88	7.84	232,891.44
Red Snappers	9.88	18.81	13.87	11.28	9.22	6.88	5.52	7.93	5.33	5.95	7.58	6.84	65,832.22
Spadefish	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.88
Spanish Mackerel	0.00	0.00	0.00	0.00	3.68	11.11	12.87	11.88	9.98	19.92	31.82	8.32	1,998.88
Spot	8.81	8.88	8.81	8.82	8.87	8.12	8.78	8.58	5.82	48.78	42.31	8.75	287,288.33
Sturgeon	0.00	5.86	38.85	43.21	18.48	1.28	8.22	8.27	8.88	8.82	8.81	8.83	61,888.22
Swoffishes	0.00	0.00	0.00	0.00	0.88	0.88	0.88	0.88	0.88	0.88	0.88	100.88	7.33
Swordfish	8.83	8.88	8.48	2.93	13.11	11.72	16.23	21.88	18.28	13.17	4.74	8.42	728,878.87
Threadfin	0.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	100.88	8.88	8.88	188.33
Tilefish	6.74	7.88	5.48	11.54	14.41	9.82	18.12	9.58	7.86	8.81	4.38	4.71	287,888.89
Triggerfish	9.12	8.48	8.85	7.88	18.89	5.18	3.37	8.55	7.95	11.88	18.38	11.85	17,418.78
Tripletail	38.43	18.87	8.88	8.88	8.88	8.88	18.88	12.83	28.52	8.88	5.43	5.81	51.11
Tuna	1.15	1.28	1.23	8.78	9.73	18.88	18.11	17.88	9.11	17.75	9.88	4.71	18,817.78
Wahoo	8.18	8.83	1.28	2.82	7.82	12.44	28.25	38.52	18.14	3.84	2.18	2.88	3,427.33

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SOUTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

10:58 Thursday, June 15, 1989 10

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Wassaw	2.24	2.65	2.40	6.45	4.50	4.04	22.93	24.19	12.82	4.85	3.75	8.58	3,311.67
Other Finfish	4.98	5.85	6.89	4.47	3.45	8.88	11.71	12.82	18.85	13.31	18.28	4.82	28,852.22
Bait Finfish	24.98	18.65	5.75	8.88	4.18	8.88	18.23	8.88	4.18	8.88	11.91	14.15	133.44

NORTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1988

16:58 Thursday, June 15, 1989 11

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Alewives	0.10	2.09	12.56	73.32	11.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0,987,832.67
Amberjack	6.63	0.00	14.12	0.30	9.00	5.43	0.36	4.04	16.33	9.21	9.63	5.00	10,269.00
Angelfish	0.00	0.00	0.00	0.00	0.00	63.30	17.07	0.00	10.63	0.00	0.00	0.00	70.11
Anglerfish	12.00	26.55	21.20	17.70	9.30	6.63	1.84	0.10	0.27	1.00	0.45	1.55	249,004.22
Barracuda	0.00	0.00	69.00	0.00	0.00	9.34	0.00	3.01	16.00	0.00	0.00	0.00	32.11
Bluefish	13.55	10.10	15.00	11.05	9.57	2.10	2.52	4.00	4.40	0.15	5.70	12.01	4,340,025.67
Blue Runner	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87.62	0.00	7.04	5.34	0.00	347.22
Bonito	0.99	0.90	0.30	4.93	4.00	0.07	0.24	0.02	0.10	44.31	12.13	7.90	7,300.67
Boufin	0.00	0.51	99.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	542.33
Butterfish	4.00	2.51	2.35	0.00	1.20	0.00	11.00	6.40	5.63	0.71	43.92	12.43	15,564.70
Small Butterfish	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,077.00
Other Butterfish	10.21	12.67	9.50	6.03	2.20	3.50	5.27	5.64	9.30	9.27	12.51	12.62	102,220.11
Cobia	3.00	5.04	7.42	3.50	13.20	16.70	12.47	4.00	4.63	20.07	5.11	1.99	6,029.44
Carp	14.60	32.60	23.02	11.11	3.02	0.00	0.30	0.41	0.53	1.40	3.64	7.30	101,740.11
Catfish	3.00	6.03	11.60	15.77	15.20	9.00	5.47	3.20	4.00	0.70	10.47	5.00	1,401,700.44
Atlantic Cod	0.00	0.00	0.00	71.07	20.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.44
Wissing	1.00	0.20	2.35	0.00	101.00	10.10	13.52	10.00	10.10	20.20	10.12	2.00	000,257.11
Unclassified Atlantic Cod	21.67	0.00	0.37	0.00	77.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	000.50
Crovalle	1.00	0.00	0.00	0.00	0.00	0.00	10.10	57.00	12.07	3.31	0.10	0.42	10,204.11
Creeker	0.63	0.53	0.90	0.00	11.01	11.20	10.01	0.01	5.57	3.05	5.74	7.00	10,137,030.22

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NORTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

16:58 Thursday, June 15, 1989 12

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Atlantic Cutlassfish	0.00	0.00	0.00	0.00	0.33	0.40	3.30	24.03	34.11	17.14	19.57	0.37	6,509.67
Dolphinfish	0.02	0.02	0.02	1.00	11.00	26.01	10.00	16.02	12.64	0.14	4.01	0.04	26,000.67
Black Drum	14.27	1.70	10.72	0.00	0.70	1.50	2.70	4.94	10.20	13.14	16.94	23.95	40,347.33
Red Drum	0.00	0.12	2.40	2.37	1.04	3.01	4.00	0.00	11.10	21.00	10.47	0.00	100,237.50
Common Eel	0.10	0.35	2.54	10.10	0.72	4.20	5.20	7.00	10.51	21.24	17.22	4.51	577,217.00
Conger Eel	4.00	30.70	35.30	22.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	452.22
Flounder	21.40	0.70	7.07	4.05	2.16	1.42	1.50	1.92	2.00	7.00	14.12	25.00	12,319,002.22
Garfish	20.01	4.50	1.31	0.27	0.40	0.33	14.00	0.12	1.32	20.50	6.05	10.40	1,211.07
Gizzard Shad	0.10	2.02	22.30	00.07	12.00	1.57	0.17	0.00	0.00	0.21	0.04	0.03	404,144.11
Groupers	0.71	12.10	12.10	23.00	30.47	42.40	30.00	40.41	31.04	32.22	13.57	12.30	720,290.00
Speckled Hind	0.00	0.20	0.34	10.40	13.00	11.00	9.50	7.52	0.20	0.42	4.43	7.20	4,329.00
Rock Hind	0.00	10.17	1.30	21.72	21.72	32.41	12.50	0.00	0.00	0.00	0.00	0.00	04.44
Red Hind	1.07	1.00	4.03	0.07	5.07	0.72	20.00	21.04	5.37	0.50	6.20	1.00	1,324.50
Scamp	3.54	4.00	3.95	5.00	10.07	11.47	14.54	22.51	11.13	0.00	0.25	7.00	01,100.50
Seole-Fish	0.00	0.00	0.00	0.00	0.00	44.12	0.00	20.41	20.47	0.00	0.00	0.00	3.70
Grunts	0.32	4.97	4.02	5.14	0.02	7.00	0.00	12.20	11.30	11.10	0.00	7.00	03,277.33
Unclassified Haddock	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.22
Atlantic Red Hake	01.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.97	32.01	344.44
Unclassified Atlantic White Hake	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	5.70

(CONTINUED)

NORTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

10:58 Thursday, June 15, 1989 13

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Atlantic Mako	15.44	69.63	5.81	8.43	0.28	0.00	0.00	0.00	0.00	0.00	0.20	0.94	40,369.00
Large Harvestfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	187.70
Unclassified Harvestfish	0.70	0.90	2.41	0.33	3.59	0.70	0.30	0.30	10.72	22.06	0.72	0.93	240,692.90
Nickory Shad	5.02	20.47	71.00	2.07	0.10	0.00	0.00	0.00	0.00	0.00	0.00	1.27	40,163.00
Hogfish	0.00	4.31	6.11	7.62	6.00	0.04	14.20	0.07	0.00	13.40	7.00	0.30	1,070.00
King Mackerel	0.70	0.50	1.95	0.34	7.30	2.82	2.44	2.23	0.70	27.50	20.50	0.01	740,115.44
King Whiting	12.00	5.10	3.50	0.10	3.34	3.07	0.14	0.22	0.17	11.50	10.10	14.12	430,425.22
Lamprey	0.00	37.24	50.95	3.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.07
Lingcod	30.13	36.14	17.10	0.20	0.04	0.00	0.00	0.00	0.00	0.00	0.24	1.00	32,213.67
Atlantic Mackerel	7.22	24.90	54.32	11.20	2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	140,045.11
White Marlin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.22
Blue Marlin	0.00	0.00	0.00	0.00	00.20	5.03	0.00	34.00	0.00	0.00	0.00	0.00	307.22
Marlin	0.00	0.00	0.00	0.00	57.00	0.00	0.00	42.11	0.00	0.00	0.00	0.00	12.07
Black Mullet	4.90	0.01	2.00	1.63	1.70	2.11	3.37	0.45	25.10	30.00	10.97	2.75	1,033,012.11
Permit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
Pigfish	0.90	0.53	0.41	0.52	4.43	0.29	10.90	11.91	16.30	27.10	15.20	4.22	100,070.11
Pinfish	0.52	37.94	0.20	0.00	0.00	0.43	0.00	3.00	29.07	26.21	2.20	0.10	2,004.22
Atlantic Pollock	74.22	14.13	10.51	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	300.00

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NORTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1988

10:50 Thursday, June 15, 1989 14

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Unclassified Atlantic Pacific Pollock	0.00	0.00	70.55	23.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.11
Pompano	0.00	0.00	0.00	0.00	0.13	4.12	12.25	18.00	33.00	20.27	1.45	0.02	15,304.70
Sand Perch	36.00	0.00	26.35	0.00	20.23	0.50	0.00	0.00	0.00	0.00	0.00	0.00	283.70
Scup	12.35	23.70	24.05	14.75	3.05	3.20	3.20	3.20	2.70	2.70	2.44	2.00	1,400,456.11
Unknown	5.30	6.72	4.72	5.72	6.10	9.93	11.40	13.15	13.02	7.90	6.14	7.50	60,966.00
Sea Bass	17.00	20.19	23.07	15.12	2.30	1.10	1.12	1.10	1.40	1.90	5.00	0.02	1,100,229.22
Gray Sea Trout	17.41	20.50	16.70	7.73	2.33	2.42	3.44	3.04	4.22	3.03	6.10	11.16	13,504,174.00
Spotted Seatrout	6.52	6.40	2.60	3.10	3.14	3.95	5.05	6.01	7.61	10.93	10.00	16.77	132,106.50
Shad	0.76	11.02	50.37	20.33	2.00	0.00	0.00	0.00	0.00	0.00	0.02	0.30	375,200.00
Sharks	4.29	5.71	6.02	13.37	11.03	4.00	4.61	5.73	9.90	12.00	13.03	7.11	93,040.00
Sheepshead	0.95	0.00	1.40	4.42	7.71	9.29	10.24	7.30	0.50	21.16	21.01	6.40	34,304.22
Skipper	0.00	0.00	0.00	0.00	50.04	10.50	25.47	7.00	0.00	0.00	0.00	0.00	2,270.00
Red Snappers	7.73	10.07	11.60	9.74	6.92	0.00	6.37	10.00	7.63	6.70	6.70	7.43	50,201.44
Snappers	4.37	5.60	4.50	6.71	9.20	0.05	7.60	10.83	12.43	11.77	9.41	6.63	392,004.11
Spadefish	0.00	0.50	0.11	0.04	0.02	16.15	26.19	20.17	14.71	2.00	3.10	0.00	11,707.11
Spanish Mackerel	0.00	0.11	0.00	0.01	3.05	6.15	10.47	23.70	24.74	23.00	7.12	0.77	104,760.00
Spot	1.23	1.31	1.05	2.02	5.55	8.50	10.05	10.70	10.61	32.00	0.02	1.02	4,010,903.44
Striped Bass	10.00	19.00	10.01	9.20	4.00	1.00	1.43	1.35	3.01	12.00	13.00	0.07	431,476.44
Sturgeon	13.35	11.01	7.70	15.77	3.22	2.20	0.12	0.10	1.04	4.00	0.03	21.01	20,030.50

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NORTH CAROLINA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 15

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Swilfishes	22.19	2.77	0.78	7.58	2.38	0.07	0.11	0.10	0.21	0.02	10.73	43.34	42,756.22
Swordfish	1.00	3.23	0.01	4.27	28.78	18.19	9.19	5.41	6.48	14.32	3.26	3.20	178,850.11
Tautog	62.14	3.06	1.38	15.31	2.04	1.38	0.00	0.00	0.00	4.11	2.00	7.71	660.00
Tilfish	1.04	3.33	0.07	8.47	28.23	12.48	9.38	12.66	18.58	7.84	5.14	2.00	66,667.44
Triggerfish	5.83	4.63	5.12	9.33	9.25	7.48	7.53	7.67	13.55	11.48	18.19	8.06	31,823.00
Tripletail	0.00	0.00	0.00	0.00	0.00	0.71	34.78	31.58	32.88	0.00	0.00	0.00	62.67
Tuna	4.28	2.92	3.53	5.97	18.14	12.88	5.85	4.73	4.88	6.45	18.73	28.11	146,853.56
Wahoo	0.10	0.81	2.32	2.24	12.55	18.88	17.13	18.31	18.13	8.51	1.78	1.25	4,548.58
Warsaw	2.77	7.54	0.12	15.88	9.45	18.47	6.83	7.36	18.21	18.58	4.77	7.83	610.22
White Perch	9.08	18.13	27.83	24.18	3.81	0.85	0.77	0.83	1.51	3.74	4.41	4.96	481,857.88
Whiting (Silver)	28.82	48.42	18.88	4.67	8.11	8.82	8.88	8.81	8.88	8.83	8.84	8.11	825,752.88
Yellow Perch	8.81	48.48	32.44	4.68	2.14	8.38	8.83	8.82	8.27	2.85	3.82	3.73	18,368.11
Other Finfish	8.87	8.88	8.28	8.88	38.12	18.88	8.83	18.82	14.84	4.28	2.48	8.88	18,388.33
Bait Finfish	8.88	7.18	5.48	5.18	6.74	9.78	9.58	9.44	8.81	11.84	5.11	13.81	18,811,648.22

TEXAS LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1988

16:58 Thursday, June 15, 1989 16

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Amberjack	3.23	6.85	3.45	5.87	9.98	7.81	15.20	20.00	7.98	6.88	5.81	6.30	17,922.20
Bluefish	0.00	0.00	0.00	0.00	0.00	7.48	42.93	0.00	26.78	5.37	4.81	13.45	132.30
Other													
Butterfish	0.00	0.00	0.00	0.00	0.00	26.26	45.25	28.20	6.20	0.00	0.00	0.00	587.60
Cobia	0.47	1.38	1.82	2.83	5.86	13.72	26.87	24.87	11.37	6.89	3.16	3.88	3,813.88
Pacific Cod	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.47	91.87	0.00	88.88
Croaker	1.12	0.47	0.21	2.42	3.38	6.23	15.15	21.78	22.98	18.84	5.88	3.85	18,888.88
Dolphinfish	0.00	0.74	0.88	0.88	38.18	5.88	9.18	0.82	31.75	3.82	2.18	3.55	324.18
Black Drum	15.84	12.45	12.83	8.14	4.78	4.37	3.37	7.41	6.22	6.88	8.55	18.29	388,347.48
Red Drum	14.85	8.83	5.88	5.38	8.74	9.31	6.88	7.88	5.74	7.93	12.85	11.24	88,887.88
Flounder	3.23	1.87	1.83	2.18	3.84	4.22	5.85	4.34	5.87	13.35	38.78	16.72	181,634.58
Groupers	6.88	13.23	18.89	34.53	13.81	12.58	5.81	48.71	2.94	2.72	41.58	3.75	58,818.28
Scamp	0.88	0.88	1.45	14.11	8.18	18.21	8.57	18.27	6.88	9.39	8.35	22.88	488.88
Atlantic Waka	0.88	0.88	0.88	0.88	0.88	0.88	0.88	188.88	0.88	0.88	0.88	0.88	1.48
Jewfish	0.88	0.88	188.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	3.88
King Mackerel	0.88	0.88	0.88	0.88	5.82	18.53	38.94	11.32	11.85	18.81	0.88	5.12	713.18
King Whiting	7.33	4.24	0.88	5.85	8.21	2.94	7.82	7.57	8.28	11.88	28.14	11.42	7,844.18
Marlin	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	188.88	0.88	0.88	54.18
Moonfish	0.88	0.88	0.88	4.88	48.88	0.88	0.88	6.88	83.33	0.88	0.88	0.88	22.88
Black Mullet	28.28	15.88	2.12	7.88	4.84	8.88	8.27	9.23	5.88	8.18	3.87	8.47	88,736.88
Pompano	1.58	3.75	0.27	4.93	3.85	8.82	2.17	17.82	18.52	9.13	8.88	28.48	4,848.88
Scup	0.88	0.88	0.88	0.88	0.88	0.88	0.88	188.88	0.88	0.88	0.88	0.88	3.38

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TEXAS LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

16:50 Thursday, June 15, 1989 17

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Sea Catfish	0.97	1.06	5.68	23.16	26.06	9.62	2.02	6.17	7.43	6.33	5.68	4.43	14,166.99
Spotted Seatrout	15.12	9.33	7.01	9.09	9.90	13.44	9.07	6.45	3.19	4.94	5.83	5.86	163,931.00
White Sea Trout	4.78	3.57	0.99	4.17	20.54	0.39	0.17	7.96	3.00	12.39	21.30	12.10	2,443.30
Sharks	11.21	9.03	0.75	12.42	10.67	7.47	9.14	4.43	2.17	4.61	3.00	7.42	21,500.00
Sheepshead	14.52	13.17	14.67	6.74	3.00	2.02	2.00	3.04	4.36	9.04	12.02	12.20	89,073.40
Red Snappers	7.90	7.42	0.00	9.39	6.83	6.64	6.74	9.05	6.24	8.95	0.46	9.75	226,916.99
Snappers	0.59	2.10	2.00	5.70	5.39	2.40	4.76	19.30	14.14	20.45	9.45	4.00	14,161.99
Spadefish	0.00	0.00	0.00	0.00	65.89	3.75	11.81	0.00	18.56	0.00	0.00	0.00	100.70
Swordfish	20.69	23.15	19.10	9.91	13.41	0.45	0.00	0.47	0.99	3.14	0.47	0.21	23,456.30
Tilapia	2.64	29.60	15.83	25.85	5.83	18.46	0.00	1.34	1.43	1.02	0.00	0.62	8,580.20
Triggerfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.15	79.29	5.56	0.00	39.60
Tuna	0.76	0.17	2.65	5.32	15.85	19.42	2.72	1.38	3.99	17.81	12.53	17.39	39,693.89
Wahoo	0.00	0.00	0.00	0.00	81.82	0.00	0.00	0.00	0.00	18.18	0.00	0.00	15.40
Wrasse	1.65	0.13	11.40	12.02	6.65	11.39	2.15	17.82	8.19	7.69	6.00	5.92	5,010.10
Other Finfish	11.68	8.85	6.53	7.30	7.13	4.20	4.00	13.10	9.22	5.64	21.22	1.00	31,383.89
Bait Finfish	12.17	8.48	5.83	2.90	18.38	18.97	8.18	9.67	9.30	6.47	3.28	3.40	62,856.99

MISSISSIPPI LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

10:50 Thursday, June 16, 1989 10

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Amberjack	2.01	1.94	1.20	7.73	12.01	12.14	11.77	16.29	17.50	6.97	6.70	3.92	11,094.70
Bluefish	0.01	0.01	1.20	1.10	12.76	50.20	0.50	7.01	3.00	4.03	0.03	0.00	8,154.00
Blue Runner	11.33	0.04	0.54	0.34	10.64	11.73	5.92	7.01	14.00	6.56	10.00	12.96	144,901.00
Other Butterfish	0.00	0.00	0.00	0.00	43.45	3.00	20.07	16.70	10.40	0.29	0.00	0.00	3,337.50
Cobia	4.14	0.00	0.00	4.00	0.74	17.07	0.44	24.50	10.41	11.73	1.42	0.23	2,415.30
Catfish	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
Crovalle	0.00	0.20	0.00	2.00	0.17	2.13	20.07	20.07	13.93	20.05	2.70	1.44	17,370.00
Croaker	3.21	0.17	16.50	17.16	19.07	5.00	7.00	11.12	4.04	0.10	3.50	2.40	170,020.00
Black Drum	4.67	6.11	3.00	3.70	7.63	0.07	0.00	12.50	14.10	15.04	0.00	7.55	1,077,504.10
Red Drum	0.01	7.33	23.02	0.00	0.52	3.77	4.44	20.70	2.01	3.01	5.22	2.71	52,400.00
Flounder	3.25	2.32	2.07	4.05	4.20	4.45	5.03	5.00	7.41	10.53	20.12	15.50	30,504.30
Groupers	3.04	5.00	5.35	17.51	11.41	15.00	0.07	0.00	5.00	5.00	5.15	5.05	40,200.00
Scamp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	2.30
Atlantic Hake	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	6.40
Unclassified Harvestfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1,024.20
Weakfish	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00
King Mackerel	4.21	0.00	6.07	0.00	0.00	2.15	15.01	7.20	0.00	1.90	0.04	01.07	475.00
King Whiting	3.99	2.47	4.35	7.51	0.43	13.10	10.72	13.71	0.30	11.57	7.15	0.00	107,124.20
Nonhaden	0.00	0.00	0.00	4.90	14.11	22.30	21.33	19.74	12.32	5.17	0.00	0.00	203342147.00
Weakfish	0.00	0.00	0.00	33.75	0.00	0.00	30.70	7.20	0.00	0.54	3.12	0.00	9,000.00
Black Mullet	3.00	2.21	1.00	3.23	0.04	4.45	7.17	6.04	1.70	7.00	50.35	4.10	700,020.50

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MISSISSIPPI LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1988

10:58 Thursday, June 15, 1989 19

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Pompano	0.02	0.10	0.00	0.01	7.69	10.00	20.65	23.63	10.00	13.05	0.00	0.10	15,331.30
Scup	2.32	1.71	3.00	1.54	0.04	3.10	10.20	0.00	14.07	24.02	0.03	5.90	2,033.40
Sea Catfish	0.00	1.00	2.74	1.70	2.34	1.27	4.75	1.20	27.28	55.45	1.44	0.00	5,110.40
Spotted Seatrout	24.29	10.10	4.01	12.00	11.25	3.20	2.72	3.90	2.20	1.97	5.21	0.04	30,704.00
White Sea Trout	5.01	5.75	10.52	10.72	0.21	5.03	0.50	10.21	0.07	19.13	5.62	4.70	40,340.00
Sharks	0.00	0.27	0.30	3.07	5.10	5.23	40.03	20.30	12.50	3.07	0.00	0.21	9,375.10
Sheepshead	20.51	0.77	0.00	13.01	0.01	0.00	1.90	5.00	3.00	10.10	0.52	0.51	124,200.00
Red Snappers	5.11	0.00	0.35	0.50	0.14	0.00	0.24	0.10	0.51	0.20	7.40	0.43	775,940.00
Snappers	0.00	0.00	0.00	0.00	0.00	0.00	12.32	10.71	20.77	10.10	17.00	0.02	11,120.00
Spadefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00
Spanish Mackerel	0.00	0.00	0.90	30.91	0.70	2.95	27.47	14.03	2.04	0.02	0.01	0.00	35,240.10
Spanish Sardines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	30.00
Spot	0.00	0.00	0.00	5.14	1.20	0.00	0.00	0.00	2.00	03.00	7.50	0.00	777.50
Swordfish	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000.00
Tenpounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	13.00
Tilefish	0.00	0.00	0.00	47.30	4.55	30.10	1.04	3.04	1.71	0.00	2.01	0.00	1,044.00
Triggerfish	0.00	0.00	7.07	0.00	7.00	0.00	5.95	13.30	10.90	11.20	21.20	13.20	403.30
Tripletail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	15.10	00.00	0.00	0.00	112.00
Tuna	0.52	3.03	0.25	7.40	4.04	17.71	17.70	7.40	10.32	10.02	0.73	2.73	47,010.30
Wesaw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	42.30

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MISSISSIPPI LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

10:58 Thursday, June 15, 1989 20

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Other Finfish	2.04	0.44	2.39	2.95	28.11	11.90	11.51	12.77	7.70	11.00	7.45	3.40	11,371.20
Bait Finfish	2.61	0.00	2.51	14.43	39.04	7.21	8.16	10.50	10.31	9.63	3.23	0.40	111,017.20

LOUISIANA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

10:50 Thursday, June 15, 1989 21

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Amberjack	2.01	1.94	1.20	7.73	12.01	12.14	11.77	15.29	17.56	6.97	6.70	3.02	11,894.70
Bluefish	0.61	0.61	1.20	1.10	12.75	58.25	6.60	7.01	3.56	4.63	0.63	0.00	6,154.50
Blue Runner	11.33	0.04	0.54	0.34	10.64	11.73	8.92	7.01	14.00	0.55	10.00	12.00	144,961.00
Other Butterfish	0.00	0.00	0.00	0.00	43.45	3.00	20.07	10.70	10.49	0.29	0.00	0.00	3,337.50
Cobia	4.14	0.00	0.00	4.00	0.74	17.07	0.44	24.56	15.41	11.70	1.42	0.23	2,415.30
Catfish	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
Croville	0.00	0.29	0.00	2.50	0.17	2.10	20.67	20.37	13.00	20.00	2.70	1.44	17,370.00
Croaker	3.21	6.17	16.59	17.16	13.97	8.83	7.00	11.12	4.84	8.10	3.00	2.43	179,025.00
Black Drum	4.67	6.11	3.00	3.70	7.63	8.87	8.00	12.52	14.10	15.04	6.60	7.55	1,677,594.10
Red Drum	8.91	7.33	23.82	8.00	0.52	3.77	4.44	20.70	2.61	3.81	5.22	2.71	52,400.00
Flounder	3.25	2.32	2.97	4.05	4.20	4.45	5.33	5.00	7.41	18.53	20.12	15.59	38,504.30
Groupers	3.84	5.00	5.35	17.51	11.41	15.00	9.87	0.00	5.66	5.00	5.15	5.85	40,200.00
Scamp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	2.30
Atlantic Hake	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	6.40
Unclassified Harvestfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	1,024.20
Weakfish	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00
King Mackerel	4.21	0.00	0.07	0.00	0.00	2.15	15.81	7.20	0.00	1.90	0.04	61.07	475.00
King Whiting	3.00	2.47	4.35	7.51	0.43	13.15	10.72	13.71	0.30	11.57	7.16	0.50	167,124.20
Weakhead	0.00	0.00	0.00	4.90	14.11	22.30	21.33	19.74	12.32	5.17	0.00	0.00	263,421.00
Moonfish	0.00	0.00	0.00	33.75	0.00	0.63	39.78	7.29	0.00	0.54	3.12	0.00	9,000.00
Black Mullet	3.00	2.21	1.90	3.23	0.04	4.45	7.17	0.04	1.79	7.90	50.35	4.10	796,026.50

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LOUISIANA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

16:58 Thursday, June 15, 1989 22

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Pompano	0.02	0.10	0.00	0.01	7.59	10.00	20.05	23.53	10.00	13.05	0.00	0.10	15,331.30
Scup	2.32	1.71	3.00	1.54	0.04	3.10	10.20	0.00	14.07	24.02	0.03	5.00	2,033.40
Sea Catfish	0.00	1.00	2.74	1.70	2.34	1.27	4.75	1.20	27.25	55.45	1.44	0.00	5,110.40
Spotted Seatrout	24.20	19.10	4.01	12.05	11.20	3.20	2.72	3.59	2.20	1.97	5.21	0.04	36,704.00
White Sea Trout	5.01	5.75	10.52	10.72	0.21	5.03	0.50	10.21	0.07	19.13	5.02	4.70	40,340.00
Sharks	0.00	0.27	0.30	3.07	5.10	5.23	40.03	20.30	12.00	3.07	0.00	0.21	9,375.10
Sheepshead	20.51	0.77	0.00	13.01	0.01	0.00	1.55	5.00	3.00	10.10	0.52	5.01	124,200.00
Red Snappers	5.11	0.00	0.35	0.50	0.14	0.00	0.24	0.10	0.51	0.20	7.40	0.43	775,940.00
Snappers	0.00	0.00	0.00	0.00	0.00	0.00	12.32	10.71	20.77	10.19	17.00	0.02	11,120.00
Spadefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00
Spanish Hackera	0.00	0.00	0.00	36.91	0.70	2.00	27.47	10.00	2.04	0.02	0.01	0.00	35,240.10
Spanish Sardines	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	30.00
Spot	0.00	0.00	0.00	5.14	1.20	0.00	0.00	0.00	2.00	03.00	7.55	0.00	777.50
Swordfish	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	000.00
Tenpounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	13.00
Tilapia	0.00	0.00	0.00	47.30	4.55	30.00	1.04	3.04	1.71	0.00	2.01	0.00	1,044.00
Triggerfish	0.00	0.00	7.07	0.00	7.00	0.00	0.05	13.30	10.00	11.20	21.20	13.20	403.30
Tripletail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00	15.10	00.00	0.00	0.00	112.00
Tuna	0.52	3.03	0.25	7.40	4.04	17.71	17.70	7.40	19.32	10.03	0.70	2.70	47,010.30
Warsaw	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	42.30

(CONTINUED)

LOUISIANA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 23

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Other Finfish	2.04	0.44	2.30	2.35	26.11	11.90	11.51	12.77	7.70	11.00	7.45	3.00	11,371.20
Bait Finfish	2.61	0.00	2.51	14.43	30.94	7.21	0.16	10.50	10.31	0.03	3.23	0.00	111,017.20

ALABAMA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1980

10:50 Thursday, June 15, 1989 24

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Amberjack	10.00	0.00	2.29	0.03	7.72	10.07	12.21	11.43	7.13	5.93	0.00	0.00	12,007.00
Bluefish	0.04	0.50	11.20	20.97	27.02	2.70	0.00	10.34	4.01	0.10	3.00	0.00	4,101.40
Blue Runner	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Bonito	0.00	90.77	0.00	3.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,100.00
Buffalofish	0.00	0.00	0.42	0.00	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Other													
Butterfish	0.00	0.00	0.00	40.75	64.00	0.00	3.30	0.00	0.00	1.10	0.00	0.00	321.70
Cobia	4.00	14.32	0.72	5.06	0.01	4.70	7.31	20.03	4.00	1.02	2.27	2.03	3,121.20
Catfish	6.42	34.01	32.77	10.03	2.03	0.00	1.03	0.37	1.04	0.10	0.44	0.71	5,300.70
Crovalle	0.00	0.00	0.00	95.01	0.00	0.00	0.00	0.00	0.00	1.40	2.73	0.00	320.70
Croaker	5.43	7.07	11.73	10.43	10.71	5.10	5.71	7.12	0.40	0.14	0.70	4.44	1,000,440.40
Atlantic Cutlassfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	5.00
Dolphinfish	0.00	0.00	0.00	0.00	0.43	1.00	7.00	3.20	7.01	42.03	20.31	0.00	350.30
Black Drum	3.57	15.44	20.09	0.95	4.22	3.00	0.42	10.00	12.00	4.72	4.37	3.01	60,020.00
Red Drum	3.35	4.53	12.00	4.14	0.00	0.42	10.72	0.00	15.00	13.00	0.04	5.12	140,120.00
Common Eel	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	40.12	0.00	50.00
Bearded Bretula	10.52	7.00	4.20	7.03	0.01	0.70	10.12	10.04	10.03	14.07	0.00	0.02	2,100.00
Flounder	5.00	3.02	2.00	3.20	4.00	3.00	5.10	7.40	5.00	0.01	20.40	20.44	300,000.40
Groupers	0.01	0.07	0.20	10.00	0.00	10.01	0.17	0.00	7.00	0.37	0.17	7.17	00,400.70
Scamp	5.10	0.40	3.03	0.00	7.43	0.02	17.41	12.10	0.00	7.40	0.04	0.04	0,024.30
Grunts	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	1.00

(CONTINUED)

ALABAMA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

10:58 Thursday, June 15, 1989 25

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Unclassified													
Atlantic White Hake	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.45	61.55	0.00	0.00	0.00	697.00
Atlantic Hake	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.41	16.99	0.61	617.00
Jawfish	3.74	4.01	2.30	12.33	12.20	12.54	0.00	10.90	10.63	7.17	3.03	2.30	5,003.10
King Mackerel	3.00	29.01	2.57	1.61	2.00	4.72	10.74	12.91	0.90	14.97	0.41	0.50	600.50
King Whiting	0.30	0.21	4.44	4.60	11.91	12.00	7.23	6.40	3.07	7.00	11.54	11.00	220,023.40
White Marlin	0.00	0.00	0.00	0.00	15.40	0.00	6.55	3.23	10.57	23.73	41.40	0.00	202.00
Blue Marlin	0.00	0.00	0.00	0.00	20.60	0.00	0.00	20.47	30.63	0.00	22.25	0.00	110.20
Marlin	0.00	0.00	0.00	0.00	0.00	0.00	25.41	0.03	17.00	12.00	20.00	0.13	301.40
Menhaden	0.00	0.00	0.00	61.00	9.70	0.00	10.01	0.00	0.00	10.35	0.00	0.00	1,077.00
Black Mullet	7.10	5.59	7.10	4.44	5.52	3.74	3.00	4.00	7.20	12.41	20.40	0.50	636,003.70
Paddlefish	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00
Pompano	9.59	5.50	4.01	7.00	0.10	4.01	5.07	9.54	0.30	10.21	13.02	0.40	3,710.20
Scads	0.00	0.00	0.00	0.00	90.50	0.00	11.42	0.00	0.00	0.00	0.00	0.00	557.10
Scup	3.32	4.30	7.13	0.74	1.12	7.20	10.00	13.43	13.94	12.70	0.00	0.10	3,202.20
Sea Bass	0.00	3.21	0.00	60.40	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	171.00
Sea Catfish	10.11	22.30	10.71	4.00	3.07	1.33	2.00	1.32	0.31	20.01	12.40	3.29	11,013.70
Spotted Seatrout	17.01	19.44	10.35	12.04	10.00	4.14	2.00	2.40	2.70	3.44	5.72	0.02	27,701.40
White Sea Trout	3.00	0.00	12.03	0.57	7.10	4.30	4.01	10.43	0.50	14.11	12.54	0.00	300,770.30
Sharks	4.23	20.90	17.90	12.43	0.00	2.03	1.94	3.00	4.52	19.17	0.07	0.03	20,707.90
Sheepshead	12.40	10.30	14.70	27.00	7.00	3.02	1.30	0.00	1.03	3.51	0.30	4.00	227,007.00

(CONTINUED)

ALABAMA LANDINGS
 Percentage by Month and Annual Average Pounds For
 1977 - 1986

10:58 Thursday, June 15, 1989 26

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Red Snappers	0.32	0.61	9.53	6.14	7.70	7.72	7.62	9.32	7.67	9.40	10.90	9.41	325,000.50
Snappers	6.26	3.41	1.76	6.60	11.93	11.00	12.97	10.67	10.50	4.54	4.10	7.10	32,320.90
Spadefish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	5.50
Spanish Mackerel	2.20	1.43	9.50	40.00	11.40	2.23	3.04	0.31	0.30	7.37	0.11	2.70	49,100.20
Spot	3.12	2.60	10.75	0.00	7.60	3.35	4.20	7.47	7.16	10.92	17.50	2.34	10,160.00
Swordfish	12.04	19.65	30.40	13.83	0.00	0.21	1.20	1.07	3.31	0.19	3.22	5.31	3,020.10
Tenpounder	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	2.10
Tilapia	13.87	1.13	1.35	0.30	0.10	20.00	5.74	0.00	10.17	0.50	19.82	14.13	1,001.70
Triggerfish	5.45	11.87	3.78	5.43	7.74	1.61	7.67	13.90	13.32	14.73	7.42	7.10	3,500.50
Tripletail	0.00	0.00	0.00	0.00	0.00	0.00	12.20	15.24	43.50	21.75	7.32	0.00	49.20
Tuna	0.35	0.92	2.95	30.60	10.31	23.20	7.03	7.02	3.40	1.20	0.01	1.07	7,904.00
Wahoo	0.00	0.00	0.00	15.71	0.00	0.00	0.00	24.02	59.46	0.00	0.00	0.00	56.00
Other Flatfish	7.39	6.74	11.01	12.40	13.60	21.27	12.60	6.10	5.00	1.30	2.53	0.19	897,507.70
Bait Finfish	0.00	0.00	0.00	25.04	0.00	67.72	0.00	1.00	0.05	0.00	0.00	3.65	104.50

FLORIDA EAST COAST LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 27

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	3.49	3.43	4.86	6.00	10.07	10.90	12.50	12.43	10.40	10.44	7.43	7.33	4,083,009.60
Stone Crab	5.19	8.82	36.13	9.82	6.95	8.84	8.00	8.00	8.00	11.71	13.75	7.58	18,742.30
Stripper Lobster	0.82	0.80	0.99	1.87	0.52	7.90	1.87	84.43	0.82	19.72	0.80	3.81	1,266.80
Spiny Lobster	0.70	6.80	7.87	2.20	2.20	2.90	5.37	10.52	11.32	15.50	12.87	8.71	788,096.20
Hard Clam	5.80	10.93	7.77	5.16	6.87	6.82	8.85	9.43	10.30	10.80	8.74	9.80	493,735.00
Sunray Venus Clam	0.80	0.80	0.80	0.80	0.80	0.80	0.80	38.50	29.71	0.80	33.32	8.41	218.00
Conchs	20.85	38.41	38.85	8.51	8.12	8.80	8.51	8.87	8.27	8.82	2.82	1.80	42,924.00
Octopus	7.11	5.22	2.52	4.89	2.33	3.90	3.58	8.58	14.53	38.49	17.11	8.83	158.00
Oysters	9.45	10.87	11.80	9.80	3.47	1.18	8.71	8.84	2.78	33.94	7.14	8.33	113,741.80
Bay Scallop	0.80	0.80	8.83	8.21	8.80	8.80	8.80	8.83	8.80	8.80	37.32	88.81	482.30
Calico Scallop	8.93	8.24	7.94	8.17	7.84	8.81	7.83	9.82	7.81	8.58	7.94	7.87	9,812,317.90
Squid	4.84	4.89	3.95	2.48	3.48	8.54	12.88	14.18	8.82	14.48	13.31	9.28	14,213.18
Grass Sponge	5.74	6.38	8.88	7.83	8.88	8.88	8.84	7.88	9.27	8.25	7.88	8.88	3,788.88
Sheepswool Sponge	7.38	8.82	8.88	8.87	9.32	9.38	8.48	7.18	8.18	8.28	8.77	18.55	7,287.58
Yellow Sponge	8.51	8.88	8.47	7.88	8.75	11.37	8.51	8.58	8.84	7.83	8.28	8.31	4,538.28

FLORIDA WEST COAST LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

10:50 Thursday, June 15, 1989 20

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	2.59	3.58	4.70	0.25	12.07	14.00	11.99	11.00	0.51	0.59	0.04	5.42	11,750,930.10
Whiting	35.40	24.15	24.93	0.10	0.30	1.71	0.00	0.00	2.97	2.90	3.07	3.00	60,300.00
Stone Crab	13.00	12.00	13.01	10.00	4.99	0.00	0.00	0.00	0.04	11.72	17.10	14.02	4,134,052.20
Slipper Lobster	5.10	19.02	0.52	11.00	17.24	0.21	3.07	3.70	2.11	11.40	3.43	0.29	57,019.10
Spiny Lobster	0.34	3.77	3.13	0.10	0.00	0.00	2.32	23.03	17.00	10.07	14.05	9.30	3,293,440.00
Hard Clam	9.25	14.04	0.01	9.05	4.91	7.00	5.24	5.45	6.29	5.70	3.10	21.73	34,710.10
Sunray Venus Clam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.20	29.00	0.00	0.00	0.00	139.00
Conchs	0.02	0.21	13.92	11.03	5.75	4.00	22.70	10.32	0.00	1.74	0.40	11.70	931.00
Octopus	0.49	0.24	2.70	2.25	1.05	0.70	1.30	3.01	0.70	5.12	10.70	37.00	0,503.10
Oysters	12.36	11.30	11.35	0.09	7.42	5.25	4.74	3.94	7.21	0.03	0.03	10.30	5,241,707.50
Bay Scallop	0.00	0.19	0.10	0.10	0.02	7.10	24.23	43.05	19.20	3.04	0.52	0.19	24,044.00
Calico Scallop	0.00	4.00	5.40	20.07	35.90	19.19	0.30	7.95	0.31	0.07	0.07	0.00	124,034.00
Squid	1.53	3.44	3.00	10.11	12.00	0.15	17.05	17.00	9.33	4.00	5.53	3.02	65,295.10
Glove Sponge	22.92	0.00	33.33	0.00	2.00	27.00	0.25	0.33	0.00	0.00	0.00	0.00	4.00
Grass Sponge	4.03	5.50	3.05	6.70	9.40	10.10	11.01	7.07	10.20	0.12	0.00	12.00	2,700.00
Sheepswool Sponge	7.03	0.50	0.05	0.05	9.07	0.10	0.04	0.35	7.00	0.00	15.01	0.31	15,700.00
Yellow Sponge	0.00	7.72	5.03	12.00	14.11	11.03	0.42	5.14	7.01	4.51	0.00	0.20	3,400.20

ALABAMA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 29

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	3.01	3.24	6.09	11.03	12.55	13.35	13.95	11.72	6.20	7.67	5.31	3.80	2,172,275.11
Slipper Lobster	0.04	0.57	34.11	22.61	33.41	7.30	1.00	0.00	0.12	0.00	0.00	0.00	4,688.44
Spiny Lobster	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.70
Oysters	14.73	17.12	13.43	9.62	9.06	3.00	3.00	4.25	4.70	5.67	7.02	11.04	731,161.33
Squid	2.11	6.97	13.05	19.25	18.12	7.29	9.50	10.44	6.41	2.79	2.32	1.40	8,946.33

GEORGIA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 30

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	1.00	2.32	4.15	7.20	9.67	12.91	13.10	13.00	12.70	12.03	7.83	3.14	9,781,243.00
Stone Crab	0.35	0.53	28.41	16.43	14.79	8.58	8.93	4.79	3.84	3.79	6.11	3.47	18,998.40
Crab	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.00
Horseshoe Crab	0.00	0.00	2.47	4.01	0.00	0.00	0.00	0.00	0.00	0.00	78.72	14.81	816.50
Spikey Lobster	0.00	21.81	0.00	57.14	1.10	0.00	15.38	4.76	0.00	0.00	0.00	0.00	27.38
Hard Clam	15.57	13.47	12.17	4.57	4.44	0.00	5.28	7.15	12.00	8.23	10.72	5.61	6,978.00
Conchs	7.34	25.77	41.71	13.79	3.11	0.48	0.44	0.17	0.14	0.31	2.10	4.57	134,233.20
Oysters	26.49	30.47	12.23	13.44	1.12	0.00	0.00	0.00	0.10	0.31	4.37	11.47	15,962.70
Calico Scallop	27.12	25.37	29.17	12.00	1.50	1.34	0.00	0.00	0.00	0.00	0.00	3.43	70,064.00
Squid	0.78	0.00	3.62	6.38	17.28	12.32	6.06	23.54	16.54	3.58	1.69	0.20	254.00

LOUISIANA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 31

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	3.78	4.65	6.05	8.25	11.43	13.82	12.76	10.12	7.92	8.29	7.07	5.87	23,000,417.22
Stone Crab	2.09	9.71	9.45	10.25	8.92	8.90	20.94	10.88	12.00	1.87	8.00	8.00	907.33
Freshwater Crawfish	1.76	3.80	15.61	28.27	29.82	15.48	4.74	0.18	0.85	0.19	0.40	0.68	9,895,352.11
Missing	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,777.78
Oysters	9.27	10.49	12.42	10.88	10.47	7.82	8.32	5.12	6.65	6.94	6.58	7.21	10,981,888.44
Squid	5.49	9.25	13.93	30.30	18.78	7.40	2.87	4.18	1.93	0.79	2.83	2.11	3,536.33
Terrapin	0.00	0.00	0.00	0.00	0.00	0.00	24.86	78.95	0.00	0.00	0.00	0.00	0.78
Snapper Turtle	1.57	1.70	7.00	13.73	14.98	12.81	8.44	6.78	18.94	12.14	8.98	8.95	63,384.78
Soft-Shell Turtle	0.00	0.00	20.41	0.00	24.90	16.33	7.14	19.39	8.73	8.88	5.18	8.88	54.44
Other Turtle	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.58
Frogs	0.87	4.75	8.92	8.11	8.83	28.88	19.81	17.12	4.14	1.51	8.73	8.23	26,381.33

MISSISSIPPI LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

16:58 Thursday, June 15, 1989 32

	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	3.23	4.35	7.01	0.92	10.53	12.55	14.20	14.55	8.92	6.67	5.54	3.53	1,048,923.67
Slipper Lobster	0.00	0.00	78.29	0.00	0.00	0.00	21.71	0.00	0.00	0.00	0.00	0.00	65.00
Oysters	22.01	14.67	15.24	4.00	0.44	0.00	0.00	0.03	1.45	7.40	14.41	10.70	1,100,200.33
Squid	4.13	25.20	14.67	0.00	5.54	3.25	7.41	15.25	11.07	3.91	1.26	0.00	1,049.44

NORTH CAROLINA LANDINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	1.10	1.41	4.31	7.07	10.23	14.00	15.40	15.10	13.70	8.17	5.42	3.11	30,883,016.10
Horseshoe Crab	0.00	0.54	1.07	30.35	22.01	13.30	4.94	4.10	0.02	0.50	10.00	3.74	17,004.00
American Lobster	0.00	0.00	0.00	7.30	1.13	52.03	30.07	0.00	0.00	0.00	0.00	0.00	123.00
Hard Clam	12.91	11.10	9.45	0.30	0.03	7.70	9.02	9.14	7.77	5.22	0.14	10.00	1,397,013.00
Sunray Venus Clam	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50
Cochs	7.00	3.23	0.03	15.22	0.07	0.03	0.17	3.33	0.13	7.10	12.72	12.30	60,751.00
Octopus	45.00	12.50	4.74	0.55	0.21	0.00	0.00	0.00	0.00	1.00	0.45	20.50	7,106.00
Oysters	20.13	17.32	0.19	0.51	0.17	0.15	0.00	0.01	0.00	0.77	21.57	22.12	854,000.00
Bay Scallop	32.01	22.00	13.30	7.30	1.00	0.40	0.04	0.33	0.00	0.00	0.07	21.03	250,033.70
Calico Scallop	0.00	0.00	00.73	17.42	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00	39,070.00
Sea Scallop	0.03	0.07	0.21	5.00	11.04	22.50	27.14	14.70	13.00	2.30	2.10	0.50	494,425.20
Squid	19.34	20.07	10.55	10.37	1.07	0.00	0.57	3.72	4.45	4.67	3.05	10.00	312,770.20
Short-Finned Squid	0.00	1.10	0.70	1.62	0.00	0.00	20.70	00.00	10.70	0.00	0.00	0.00	100,230.00
Long-Finned Squid	22.37	10.31	19.43	21.00	0.00	0.00	0.00	0.00	0.00	7.01	0.27	12.00	42,007.70
Snapper Turtle	0.00	0.00	0.13	1.10	10.79	43.50	20.03	0.43	2.74	1.11	0.00	0.00	22,701.00
Other Shellfish	0.00	0.00	1.53	3.02	14.03	10.00	15.01	22.21	11.11	0.52	4.70	2.40	200,054.20

SOUTH CAROLINA LANDINGS
Percentage by Month and Annual Average Pounds for
1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	2.04	3.06	6.52	3.52	0.20	0.00	11.34	11.02	12.21	15.21	10.00	5.07	5,007,050.30
Green Crab	42.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.45
Stone Crab	1.43	0.52	2.49	17.00	17.47	12.47	13.55	10.47	7.07	7.07	5.70	3.00	3,000.10
Crab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
Horseshoe Crab	0.00	7.07	0.29	0.29	0.00	45.43	3.14	30.27	0.00	0.00	1.51	0.00	630.20
Slipper Lobster	4.09	0.00	0.05	10.36	2.02	0.00	0.00	0.00	2.20	0.00	1.70	71.00	141.00
Spiny Lobster	1.05	17.00	0.00	0.00	0.00	0.10	0.00	71.55	3.45	0.00	0.00	0.00	81.20
Hard Clam	17.39	20.92	16.07	13.44	6.00	0.00	0.04	0.05	2.30	7.56	6.95	7.65	275,416.30
Surf Clam	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,200.00
Other Clam	0.30	10.15	17.07	43.23	1.30	0.00	0.00	0.00	0.00	3.01	0.30	17.07	26.00
Cochs	3.00	12.53	39.29	21.74	13.49	2.04	0.15	0.04	1.27	0.07	0.01	3.27	203,222.70
Octopus	15.23	14.00	19.93	12.70	2.27	0.49	0.34	3.17	3.47	0.09	11.07	0.09	1,769.70
Oysters	17.51	10.21	10.09	11.01	0.02	0.00	0.00	0.00	0.71	3.09	13.77	14.07	1,343,209.00
Calico Scallop	20.00	20.00	22.00	14.73	4.01	0.01	2.43	0.00	0.00	0.00	0.00	0.00	70,526.40
Squid	1.00	0.50	0.11	0.13	1.16	7.30	31.01	30.72	10.00	7.70	1.02	0.00	10,001.00
Other Shellfish	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	02.02	0.00	0.00	37.10	7.00

TEXAS LARVINGS
 Percentage by Month and Annual Average Pounds for
 1977 - 1986

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	January	February	March	April	May	June	July	August	September	October	November	December	annual average
Blue Crab	1.86	3.40	4.89	8.10	10.87	14.76	12.48	10.92	9.53	10.10	8.30	4.94	4,342,900.00
Stone Crab	3.39	2.52	23.44	2.70	10.41	4.67	8.00	10.41	13.40	8.31	8.00	3.73	30,990.60
Oysters	18.84	15.36	12.80	10.81	1.53	2.90	1.70	1.73	1.63	2.00	16.50	15.61	2,104,972.12
Bay Scallop	19.34	8.00	70.60	8.50	8.00	8.50	8.93	8.00	8.00	8.00	8.00	8.00	972.26
Squid	3.84	2.44	3.70	10.47	19.40	8.17	6.82	8.03	13.70	12.10	7.36	4.97	12,833.82