

**FISHERY ANALYSIS OF THE COMMERCIAL FISHERIES
FOR ELEVEN COASTAL MIGRATORY PELAGIC SPECIES
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Data and Methods

This report analyzes fishery-level commercial landings and ex-vessel prices, vessel and trip landings and gross revenue, and trip crew size, days away from port, and depth of fishing for eleven species. The fishery-level data come from the SEFSC Accumulated Landings System [ALS, NOAA Fisheries (NMFS), Southeast Fisheries Science Center, Miami, Florida (SEFSC)] and the NEFSC's Commercial Fisheries Data Base System [CFDBS, NMFS, Northeast Fisheries Science Center, Woods Hole, Massachusetts (NEFSC)]. Vessel and trip level data come from the SEFSC Coastal Fisheries Logbook (CFL) and Pelagic Longline Logbook (PLL), and the SERO (St. Petersburg, FL) permit system. Ex-vessel (dockside) dollar values for logbook data are estimated using ALS data and translated into 2008 dollars.¹

Atlantic migratory group king mackerel

Commercial landings of Atlantic migratory group king mackerel averaged 3.5 million pounds (mp) whole (round) weight in the last 5 fishing years (2004/2005-2008/2009) and have ranged from 1.9-3.8 mp a year since the early 1980s (Figure 1 and Appendix; March-February fishing year for all computations, excepting Figure 2). Ex-vessel prices rose to a peak of \$2.54 in 2000/2001, fell sharply by 2008/2009, and averaged \$1.92 in the last 5 fishing years. Figure 2 shows landings and quotas.²

Fishing effort declined through 2005/2006, then increased, but not to earlier 1998/1999 peaks for vessels or days at sea, while productivity remained above earlier levels (Figures 3 and 4). The number of CFL vessels with landings of Atlantic migratory group king mackerel decreased from 902 to 685 (a decrease of 24%), then increased, averaging 742 vessels per year during the last 5 fishing years.³ Trips declined 30% by 2005/2006, then increased to earlier levels. Productivity varied in concert with landings, falling to a low point in 2002/2003 and then increasing (Figures 1 and 4).

During the last 5 fishing years, gross revenue per vessel for all CFL-reported landings averaged \$31,559 for vessels with landings of Atlantic migratory group king mackerel, which accounted for 37%-42% of total revenues from all species. Maximum gross revenues per vessel were approximately \$287,000-\$321,000 over this period. Vessels with Atlantic migratory group king mackerel landings averaged 31 ft in length, had 333-353 hp engines, averaged 11-14 trips per year with king mackerel landings, and averaged 28-30 trips per year for all CFL-reported species. Trips with landings of Atlantic group king mackerel grossed an average of \$952 for all fish landed, and king mackerel accounted for 76%-82% of the total revenues from all species on

¹To offset effects of general price inflation at the producer level, dollar values are translated into to 2008 dollar values using the producer price index, not seasonally adjusted, all commodities [U.S. Bureau of Labor Statistics].

²Commercial trip limits for Atlantic migratory group king mackerel are as follows: (1) Apr-Mar, New York through Volusia County, Florida, 3,500 lbs, (2) Apr-Oct, Flagler through Brevard Counties, Florida, 3,500 lbs, (3) Apr-Oct, Brevard through Miami-Dade Counties, 75 fish, and (4) Apr-Oct, Monroe County, Florida, 1,250 lbs.

³During 1985-2008, does not include PLL vessels, which landed 12,808 lbs of king mackerel for all years.

these trips. Most trips had 1-2 person crews (including the captain; median, 1 person, and 75th percentile, 2 persons). Trips averaged 1.25-1.41 days at sea and fished in water 82-93 ft deep.

Atlantic migratory group Spanish mackerel

Commercial landings of Atlantic migratory group Spanish mackerel fell sharply after July 1995 when the State of Florida implemented a Constitutional Amendment to regulate allowable fishing gear in the State's waters (Figure 5 and Appendix; March-February fishing year for all computations, except in Figure 6).⁴ Since then, landings recovered, without the spikes of earlier years, and the dollar value has been higher.⁵ Prices rose from \$0.51 per pound to \$0.97 per pound between the early 1980s and 2004-2008. Figure 6 shows landings and quotas.⁶

Fishing effort from 2002/2003 through 2006/2007 followed something of a "U" shaped pattern with a low point in 2004/2005 (Figure 7). On average over the last 5 fishing years (2004/2005-2008/2009), there were 349 CFL vessels and 3,909 trips with landing of Atlantic migratory group Spanish mackerel. Since 1998/1999, productivity has seemed to vary with landings, declining sharply in 1999/2000, recovering, and declining in the last two years (Figures 5 and 8). In the last 5 fishing years, trips have averaged 520 lbs. Vessels harvesting Atlantic migratory group Spanish mackerel averaged 5,801 lbs of Spanish mackerel and \$27,964 for all CFL-reported landings. Atlantic migratory group Spanish mackerel accounted for 19%-28% of the vessel gross, on average. Maximum gross revenues per vessel were approximately \$226,000-\$306,000 over this period. Vessels with Atlantic migratory group Spanish mackerel landings averaged 29-30 ft in length, had 286-304 hp engines, averaged 10-13 trips per year with Spanish mackerel landings, and averaged 37-43 trips per year for all CFL-reported species. Trips with Atlantic migratory group Spanish mackerel grossed an average of \$663 for all fish landed, and Spanish mackerel accounted for 66%-73% of the total revenues from all species on these trips. Most trips had 1-2 person crews. Trips averaged 1.01-1.04 days at sea and fished in water 41-47 ft deep.

Gulf migratory group king mackerel

Commercial landings of Gulf migratory group king mackerel ranged from 1.6-3.9 mp after 1986/1987, and averaged 2.9 mp per year in the last 5 fishing years (2004/2005-2008/2009) (Figure 9 and Appendix; all computations assume a July-June fishing year).⁷ Ex-vessel prices

⁴Florida jurisdiction extends to 9 nautical miles on the west coast and 3 nautical miles on the east coast.

⁵For example, 5-year average landings were 3.5 mp in 1984/1985 - 1988/1989 and in 2004/2005 - 2008/2009, but the respective ex-vessel values were \$2.1 and \$3.4 million (2008 dollars).

⁶ In Dec-Feb of the Mar-Feb fishing year, staged trip limits apply on Florida's east coast. At first, trips are not limited on Monday-Friday (1,500 lbs on Saturday-Sunday). If NMFS estimates that landings will reach 75% of the adjusted quota, then trip limits become 1,500 lbs for all days of the week, or if landings will reach 100%, then trip limits become 500 lbs. Trip limits are 3,500 lbs in Mar-Nov on Florida's east coast, and all year elsewhere.

⁷ Logbook data suggests that landings did not decline in 2008/2009.

ranged from \$1.52-\$1.96 per pound, and averaged \$1.61 in the last 5 fishing years. Figure 10 shows landings and quotas.⁸

For the 11 fishing years beginning with the 1998/1999 fishing year, fishing effort followed a mostly downward trend, with some upturn or flattening in the last 3 years (Figure 11). In the last 5 fishing years, an average of 669 CFL vessels per year, taking 5,431 trips, and spending 8,025 days at sea landed Gulf migratory group king mackerel.⁹ After a sharp drop in the 1999/2000 fishing years, productivity generally increased, and averaged 4,353 lbs per vessel (all trips) in the last 5 years, and 536 lbs per trip (Figure 12).¹⁰

Gross revenue per vessel for all CFL-reported landings of fish for vessels with commercial landings of Gulf migratory group king mackerel averaged \$44,047 in the last 5 fishing years. Maximum gross revenues per vessel gross were approximately \$434,000-\$581,000 over this period. On average, Gulf migratory group king mackerel accounted for 27%-29% of the total vessel revenues for all species. Vessels with Gulf migratory group king mackerel landings averaged 33-40 ft in length, had 336-345 hp engines, averaged 7-9 trips per year with king mackerel landings, and averaged 28-32 trips per year for all CFL-reported species. Trips with landings of Gulf migratory group king mackerel grossed an average of \$1,497 for all fish landed, and king mackerel accounted for 78-84% of the total revenues from all species on these trips. Most trips had 1-2 person crews. Trips averaged 1.41-1.53 days at sea and fished in water 80-88 ft deep.

Gulf migratory group Spanish mackerel

Similar to the discussion on Atlantic migratory group Spanish mackerel, commercial landings of Gulf migratory group Spanish mackerel declined after Florida began regulating allowable gear in state waters in 1995, averaging 1.3 mp and \$0.71 per pound in the last 5 fishing years (2004/2005-2008/2009) (Figure 13 and Appendix; all computations assume an April-March fishing year).¹¹ Figure 14 shows the landings and quotas. For the 11 fishing years ending in 2008/2009, fishing effort generally followed a downward trend, with productivity going up and down, but trending up (Figures 15 and 16).

⁸The current quotas and trip limits are as follows: (A) The Alabama-Texas quota is 1.01 mp and the trip limit is 3,000 pound. (B) The quota for Volusia through Miami-Dade Counties, Nov-Mar, is 1.04 mp. Trip limits are (1) Nov-Jan, ≤ 50 fish, and (2) Feb-Mar, if landings are less than 75% of the quota, ≤ 75 fish, and if landings are more than 75% of the quota, ≤ 50 fish. (C) The Nov-Mar quota for Monroe-Collier Counties (1.04 mp) is shared equally by vessels that use hook-and-line gear and vessels that use gillnet gear. (D) The quota for Lee County through the Alabama-Florida border, Jul-Jun (plus Collier County in Apr-Oct), is 168,750 lbs. The trip limits are (1) $\leq 1,250$ lbs per day until 75% of the quota is reached or until the southern subzone quota for hook-and-line gear is reached, and (2) ≤ 500 lbs per day if either of those conditions is met.

⁹During 1985-2008, PLL vessels landed 12,808 lbs of king mackerel for all years.

¹⁰The high year-1 productivity appears attributable to high landings in Jan 1998/1999 in Monroe-Collier Counties, Florida. Such rare events also occurred in Jan 1981/1982 and Jan 1992/1993.

¹¹Florida jurisdiction extends to 9 nautical miles on the west coast and 3 nautical miles on the east coast.

During the last 5 years, the gross revenue per vessel for all CFL-reported landings averaged \$45,886 for vessels with landings of Gulf migratory group Spanish mackerel, which accounted for 6.8-13.0% of total revenues for all species. Maximum gross revenues per vessel were approximately \$300,000-\$525,000 over this period. Vessels with Gulf migratory group Spanish mackerel averaged 33-34 ft in length, had 367-381 hp engines, averaged 2.7-3.4 trips per year with Spanish mackerel landings, and averaged 23-28 trips per year for all CFL-reported species. Trips with Gulf migratory group Spanish mackerel averaged \$1,835 in gross revenue for all fish landed, and Spanish mackerel accounted for 22-29% of the total revenues from all species on these trips. Most trips had 2-person crews. Trips averaged 1.61-2.04 days at sea and fished in water 63-69 ft deep.

Barracuda

Commercial landings of barracuda were relatively low in 1981-1991 (under 500 lbs to 19,000 lbs a year). Barracuda landing then increased, peaking at 246,000 lbs in 1996 and declining afterwards (Figure 17 and Appendix). During 2004-2008, commercial barracuda landings averaged 116,000 lbs per year, averaged \$0.88 per pound, and were primarily landed on the Florida east coast (Appendix). After the 1990s, the number of CFL vessels and trips with landings of barracuda increased sharply but vessel productivity declined (Figures 18 and 19).

On average during 2004-2008, 296 CFL vessels landed barracuda each year, took 2,036 trips with landings of barracuda, and averaged 266 lbs per vessel (38 lbs per trip). Vessels with barracuda landings averaged \$50,728 in gross revenues per year for all CFL-reported species, with 0.88%-1.39% of total revenues attributable to barracuda, and maximum gross revenues per vessel were approximately \$347,000-\$491,000. These vessels averaged 31-32 ft in length, had 295-311 hp engines, averaged 39-46 trips per year for all CFL-reported species, including 6.4-7.4 trips with landings of barracuda. The average trip grossed \$1,217 from all species, of which 10% came from barracuda. Most trips had a crew of one (i.e., the crew consisted of the captain only), averaged 1.4-1.7 in days away from port, and fished in water 88-97 ft deep.

Bluefish, Atlantic

Commercial landings of bluefish have exhibited a mostly downward trend since 1981, and the Atlantic coast recreational and commercial fisheries have been under joint Commission-Council FMP management since 1990.¹² Since 1996, there has been a commercial quota of 17% of the total allowable bluefish landings. Bluefish is included in the CMP FMP for the Gulf of Mexico

¹²The peak year for commercial landings of bluefish was 1981. In the eastern United States, the bluefish (Atlantic bluefish), *Pomatomus saltatrix*, is found from Maine to Florida and the fish migrate seasonally along the coast. Some 80% to 90% is caught recreationally, mostly in New York through Virginia. The recreational sector allocation is 83% of the total allowable landings (TAL) and it has a bag limit of 15 fish. The commercial fishery operates mostly in the Middle Atlantic and South Atlantic regions. Since 1996 it has had a quota of 17% of the TAL, with separate quotas for states. The MAFMC and the Atlantic States Marine Fisheries Commission implemented the bluefish FMP in 1990 to halt the decline of stock and restore the population to sustainable levels. They implemented a 9-year rebuilding plan 2001, and declared stock rebuilt in 2009.

only for data collection purposes, although species-specific limitations on allowable gear apply throughout its range.¹³

Atlantic and Gulf coast commercial bluefish landings peaked at 16.3 mp in 1981 (*Ibid.*), and averaged 9.6 mp in 2004-2008, selling for an average of \$0.39 per pound (Figure 20 and Appendix). The 9.6 million pound average for 2004-2008 includes 4.2 mp for the Northeast (Virginia and northward), 5.3 mp for the South Atlantic, and 0.14 mp for the Gulf. Bluefish landings have declined since 1981 in the Northeast (Figure 21). After the implementation in July 1995 of the State of Florida's Constitutional Amendment to regulate allowable fishing gear in the State's waters, commercial landings of bluefish in Florida fell sharply. However, bluefish landings in North Carolina-Georgia appear to have offset the decline in landings on the Florida east coast after 1995 (Appendix).

The number of CFL vessels and trips with landings of bluefish increased sharply in 1998, then declined, averaging 244 vessels and 1,506 trips per year during 2004-2008 (Figure 22).¹⁴ Vessel productivity increased in 1993-2000 and later declined more sharply than effort, with vessels averaging 1,412 lbs of bluefish per year during 2004-2008, and trips averaging 228 lbs (Figure 23). Vessels with bluefish landings averaged \$51,233 per year in gross revenues from all CFL-reported species landed, with 1.0%-1.6% of total revenues attributable to bluefish, and maximum gross revenues per vessel were approximately \$317,000-\$444,000. These vessels averaged 30-33 ft in length, had 300-316 hp engines, averaged 39-44 trips per year for all CFL-reported species, including 5.6-7.2 trips with landings of bluefish. The average trip grossed \$1,142 from all species, of which 11%-15% came from bluefish. Most trips had a crew of 2 persons, averaged 1.2-1.4 days away from port, and fished in water 57-72 ft deep.

Bonito, Atlantic

Commercial landings of Atlantic bonito increased during 1981-1994 from 0.784 mp to 1.772 mp and received prices of \$0.35-\$0.65 per pound (including Florida; Figure 24 and Appendix A). Since July 1998, landings have been lower than in earlier years, ranging from 64,000-359,000 lbs a year, while prices have been higher, ranging from \$1.01-\$1.91 per pound. No Florida landings of Atlantic bonito have been recorded since 1995. During 2004-2008, Atlantic bonito landings averaged 88,000 lbs per year and received an average price of \$1.71 per pound. These totals, however, include 66,000 lbs for the northeast (Virginia and northward), where landings were lower than in the 1980s and 1990s (Figure 25). Atlantic bonito landings averaged 20,000 lbs per year during 2004-2008 for North Carolina-Georgia, where landings have been mostly higher than in the early 1980s.

During 1993-2008, a declining number of CFL vessels and trips had landings of Atlantic bonito, with an average of 64 vessels taking 179 trips per year in the last 5 years (2004-2008; Figure 26).¹⁵ Productivity indicators fluctuated around what may be a more or less flat trend during

¹³Allowable gear for bluefish are specified in 50 CFR 622.41 (c), (vii).

¹⁴During 1986-2009, PLL vessels landed 2,999 pounds of bluefish for all years.

¹⁵During 1987-2008, landing of bonito by PLL vessels were sporadic, 23,000 lbs for all years.

1993-2008, and landings averaged 212 lbs per vessel and 78 lbs per trip in the last 5 years (Figure 27). During 2004-2008, vessels with Atlantic bonito landings grossed \$65,123 per year for all CFL-reported species landed, with 0.50%-2.15% of total revenues attributable to Atlantic bonito, and maximum gross revenues per vessel were \$255,000-\$414,000. Vessels with Atlantic bonito landings averaged 32-36 ft in length, had 305-368 hp engines), and averaged 33-47 trips per year for all CFL-reported fish, including 2.0-3.4 trips with landings of Atlantic bonito. The average trip grossed \$1,929 in 2004-2008 for all species, of which 11%-17% came from Atlantic bonito. Most of the trips had a crew of 1 or 2 persons, averaged 1.3-2.8 days away from port, and fished in water 113-210 ft deep.

Cero

Based on CFL data only, commercial landings of cero reached a peak of 15,793 lbs in 1998, and averaged 1,504 lbs and received an average price of \$1.89 per pound per year during 2004-2008 (Figure 28 and Appendix). During 1999-2008, a declining number of CFL vessels landed cero, and an average of 28 vessels taking 102 trips per year landed cero during 2004-2008 (Figure 29). Productivity was volatile during 1993-2008, and averaged 68 lbs per vessel (16 lbs per trip) in 2004-2008 (Figure 30). Vessels with cero landings averaged \$15,687 in gross revenue per year for all CFL-reported species, with 0.55-1.87% of this revenue attributable to cero, and maximums gross revenues per vessel were approximately \$48,700-\$145,800. These vessels averaged 28-30 ft in length, had 248-365 hp engines, averaged 68 lbs of cero per year, and averaged 35-59 trips per year for all CFL-reported species, including 1.8-7.3 trips with cero landings. Trips with cero landings grossed \$451 on average during 2004-2008, of which 5%-24% came from cero. Most of the trips had a crew of 1 or 2 persons, averaged 1.0-2.6 days away from port, and fished in water 65-80 ft deep.

Cobia

During 1981-2008, commercial landings of cobia exhibited something of an inverted “V” pattern with a peak of 431,000 lbs in 1996. Commercial cobia landings averaged 192,000 lbs and received an average price of \$2.55 per pound during 2004-2008 (Figure 31 and Appendix). The number of CFL vessels and trips with landings of cobia remained relatively steady during 1993-2008, along with productivity (Figures 33 and 34). Cobia is a limited harvest species, and daily, per-person bag limits apply.¹⁶

On average during 2004-2008, 689 CFL vessels landed cobia each year, took 2,164 trips with cobia landings, and grossed \$81,736 per year for all CFL-reported species, with 1.9%-2.9% of total revenues attributable to cobia, and maximum gross revenues per vessel were \$445,000-\$717,000. Vessels with cobia landings averaged 35-37 ft in length, had 331-352 hp engines, averaged 33-37 trips for all CFL-reported species, including 2.9-3.4 trips with cobia landings. Trips with cobia landings grossed \$5,305 on average during 2004-2008, of which 14%-18% came from cobia. Most of the trips had 2-person crews, averaged 3.6-3.9 days away from port, and fished in water 124-135 ft deep.

¹⁶ “No person may possess more than two cobia per day in or from the Gulf, Mid-Atlantic, or South Atlantic EEZ, regardless of the number of trips or duration of a trip” (50 CFR 622.32 (c), (1).

Dolphin

Commercial landings of dolphin (Mahi-mahi) were lower on average during 2004-2008 than in the mid-1990s, 1.2 mp and received an average price of \$1.99 per pound (Figure 35 and Appendix). Since 1997, Atlantic dolphin landings have been higher, averaging 834,000 lbs during 2004-2008, compared with 325,000 lbs for the Gulf (Figure 36). Since the mid-1990s, fishing effort has followed a mostly downward trend, while productivity has increased, most notably for the larger PLL vessels. PLL vessels averaged 739,000 lbs per year during 2004-2008 (124 vessels), compared to 244,000 lbs per year for CFL vessels (677 vessels; Figures 37-40). Respectively, these vessels grossed an average of \$277,312 and \$61,607 per year for all species landed over the last 5 years (2004-2008). The maximum gross revenues per vessel were \$1,450,000 and \$700,000, respectively. Since the 1980s, dolphin has accounted for a gradually increasing share of the annual gross for the PLL vessels, averaging 5-7% of total gross revenues over the last 5 years compared with 5%-12% for the CFL vessels.

The PLL vessels made more trips with landings of dolphin during the last 5 years (2004-2008), 7-9 trips per year, and fewer trips for all fish landed 14-16 trips. These trips averaged \$20,671 for all species landed, with dolphin accounting for 9-13%, and averaged 6-7 days of fishing (time the gear was in the water).

On average during 2004-2008, the CFL vessels with dolphin landings averaged 34-35 ft in length, had 327-367 hp engines, averaged 28-30 trips for all CFL-reported species, including 3.5-3.9 trips per year with dolphin landings. The average trip with dolphin landings grossed \$2,904 from all species landed, of which 24%-29% was derived from dolphin. Most trips had 2-person crews, averaged 1.54-2.04 days away from port, and fished in water 246-254 ft deep.

Little Tunny

Commercial landings of little tunny were volatile during 1995-2008, and averaged 689,000 lbs per year during 2004-2008, receiving an average of \$0.35 per pound (Figure 42 and Appendix). Atlantic landings averaged 440,000 lbs per year during 2004-2008, mostly because they were low in the northeast (Virginia and northward) in 2004-2007 (Figure 43 and Appendix). Gulf landings (mostly Florida west coast landings) averaged 249,000 lbs per year during 2004-2008, but were 1.12 mp in 2003 and 82,000 lbs in 2008.

The number of CFL vessels and trips with landings of little tunny followed mostly upward trends since 1993, averaging 194 vessels and 1,317 trips per year during 2004-2008 (Figure 44).¹⁷ Productivity has been relatively stable for vessels since 1998, averaging 481 lbs per vessel during 2004-2008, but exhibiting declining performance for trips, averaging 73 lbs per trip during 2004-2008 (Figure 45). Vessels averaged with little tunny landings averaged \$46,729 in gross revenues per year for all CFL-reported species landed, with 0.58%-1.4% of total revenues

¹⁷PLL vessels landed little tunny in 1990 and 1998-2009, 5,000 lbs for all years combined.

attributable to little tunny, and maximum gross revenues per vessel were \$317,000-\$509,000. These vessels averaged 32-33 ft in length, had 308-360 hp engines, averaged 35-42 trips per year for all CFL-reported species, including 5.6-8.2 trips with little tunny landings. The average trip with little tunny landings grossed \$1,026 from all species, of which 6%-8% was derived from little tunny. Most trips had a crew of one (i.e., the captain only), averaged 1.27-1.44 days away from port, and fished in water 88-108 ft deep.

Blackfin Tuna

After an initial decline in the early 1980s, commercial landings of blackfin tuna rose sharply to a peak of 361,000 lbs in 1993, declined sharply, and then declined more gradually after 1995 (Figure 46 and Appendix). Average ex-vessel prices were equally volatile. Much of this volatility traces to the Gulf. Atlantic landings have been higher since 2003 (Figure 47). In 2004-2008, blackfin tuna landings averaged 42,000 lbs per year, including 26,000 lbs for the Atlantic coast and 16,000 lbs for the Gulf coast, and received an average price of \$1.69 per pound. Landings, fishing effort and productivity increased through the mid-1990s, and then followed mostly downward trends (Figures 46-51).

During 2004-2008, an average of 25 PLL vessels per year landed blackfin tuna, and grossed an average of \$270,625 per year for all PLL-reported landings of fish, of which blackfin tuna accounted for 0.16%-1.9%, on average. Maximum gross revenues per vessel gross were \$0.5-\$1.5 million. Vessels with blackfin tuna landings averaged 16.3-20.6 trips for all species landed, spent an average of 91-102 days fishing (time the gear was in the water), including 1.8-2.5 trips with landings of blackfin tuna (10-15 days of fishing). The trips with landings of blackfin tuna grossed \$14,664, on average, for all species landed, with blackfin tuna accounting for 1.5%-7.1% of total gross revenues.

During 2004-2008, an average of 91 CFL vessels landed blackfin tuna, and grossed an averaged of \$111,720 per year for all CFL-reported species landed, of which blackfin tuna accounted for 0.17%-1.5% . Maximum gross revenues per vessel were \$351,000-\$414,000. Vessels with blackfin tuna landings averaged 67-119 lbs of blackfin tuna per year, averaged 40 ft in length, and had engines of 303-365 hp. These vessels made 24-34 trips per year for all CFL-reported species, including 1.3-1.7 trips per year with landings of blackfin tuna. The trips with landings of blackfin tuna grossed \$6,304, on average, for all species, with blackfin tuna accounting for 3%-11% of total gross revenues. Most of these trips had crews of 2-3 persons, averaged 4.1-5.6 days away from port, and fished in waters 200-370 ft deep.

Wahoo

Commercial landings of wahoo have exhibited something of an inverted “U” pattern since the early 1980s. In 2004-2008, commercial wahoo landings averaged 179,000 lbs, well below the 1992 peak of 373,000 lbs, and received an average of \$1.70 per pound (Figure 54 and Appendix). Gulf landings were mostly higher and more volatile than Atlantic landings (Figure 55). Overall, PLL vessels averaged 117,000 lbs of wahoo during 2004-2008, compared with 35,000 lbs for CFL vessels.

Since the mid-1990s, fishing effort associated with wahoo has followed a mostly downward trend for PLL vessels, and productivity has increased (Figures 56-57). During 2004-2008, PLL vessels with wahoo landings averaged \$308,307 in gross revenues for all species landed, with wahoo accounting for less than one percent of the total vessel gross revenues. Maximum gross revenues per vessel were \$1.0-\$1.5 million. The vessels with wahoo landings averaged 4.4-6.5 trips per year, spent an average of 35-44 days fishing (time the gear was in the water), and made 14-17 trips for all species landed (91-110 days of fishing). These trips averaged \$24,331 in gross revenues for all species landed, with wahoo accounting for 1.8%-2.6% of total gross revenues.

During 2004-2008, the smaller CFL vessels with landings of wahoo averaged \$83,450 per year for all CFL-reported fish, with 2.0%-4.7% attributable to wahoo. Maximum gross revenues per vessel were \$400,000-\$700,000. Vessels with wahoo landings averaged 36-37 ft in length, had 340-362 hp engines, and averaged 108 lbs of wahoo per year. These vessels made 1.6-2.1 trips per year with landings of wahoo and 30-34 trips for all CFL-reported fish. Trips with wahoo landings grossed \$4,622, on average, during 2004-2008, with wahoo accounting for 18%-23% of total gross revenues. Most trips had 2-person crews, averaged 3.5-3.6 days away from port, and fished in waters 214-283 ft deep.

Figure 1.—Atlantic king mackerel, landings & ex-vessel prices

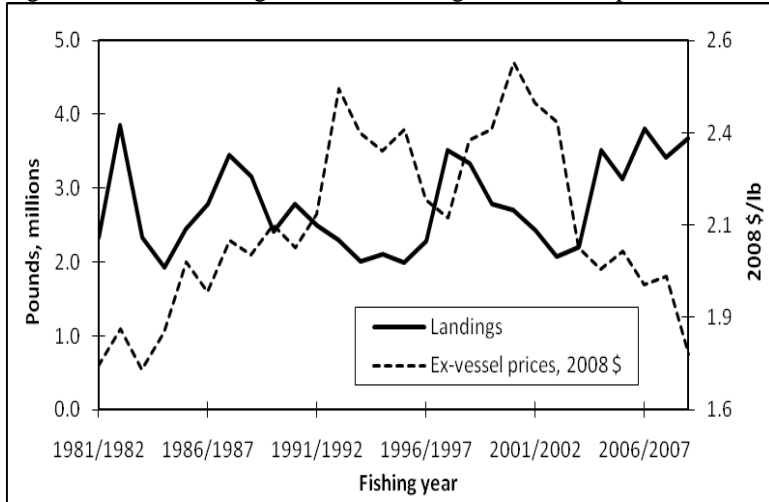
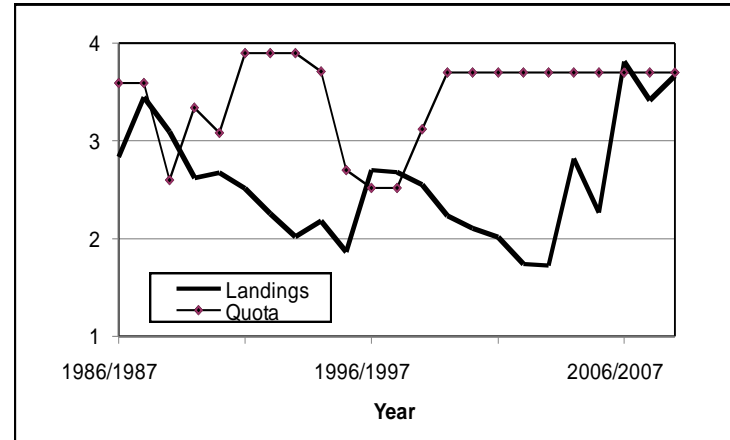


Figure 2.—Atlantic king mackerel, landings & quotas



For Figures 2 and 6 only, landings are for Apr-Mar fishing years through 2005/2006, and for Mar-Feb fishing years later.

Figure 3.—Atlantic group king mackerel, effort indicators

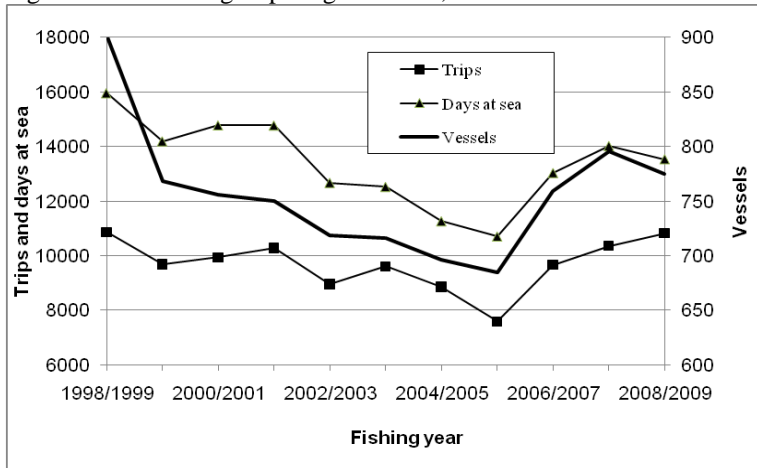


Figure 4.—Atlantic king mackerel, productivity indicators

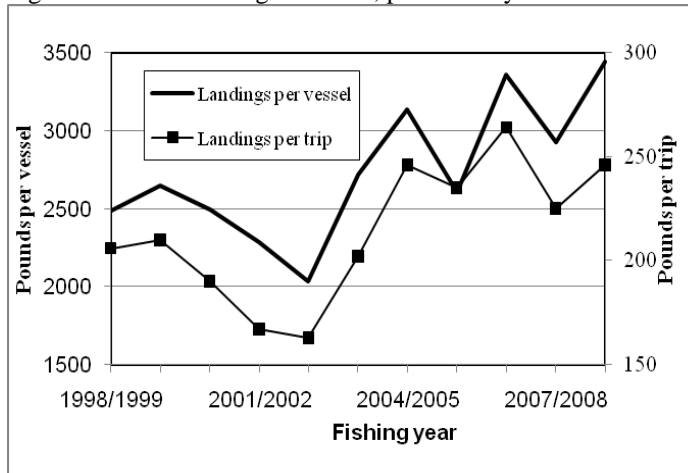


Figure 5.—Atlantic Spanish mackerel, landings & ex-vessel prices

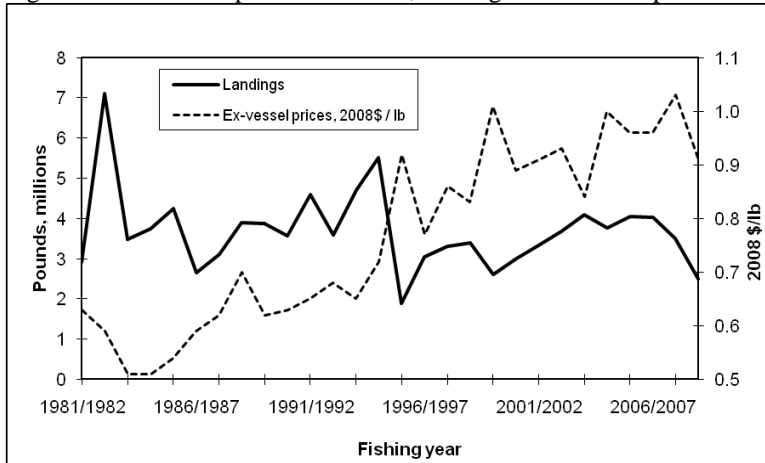
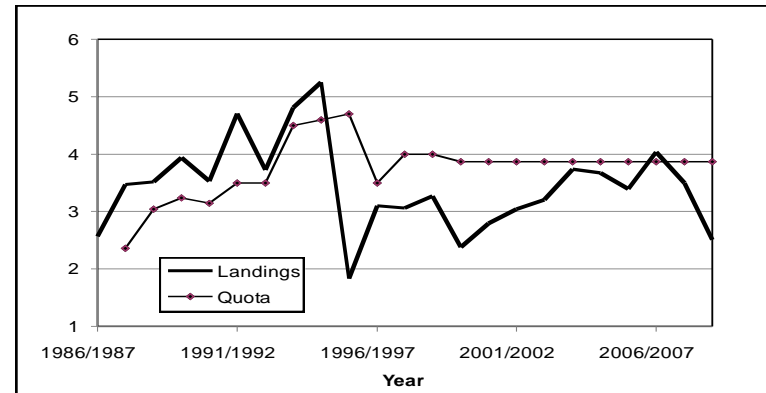


Figure 6.—Atlantic Spanish mackerel, landings & quotas



For Figures 2 and 6 only, landings are for Apr-Mar fishing years through 2005/2006, and for Mar-Feb fishing years later.

Figure 7.—Atlantic group Spanish mackerel, effort indicators

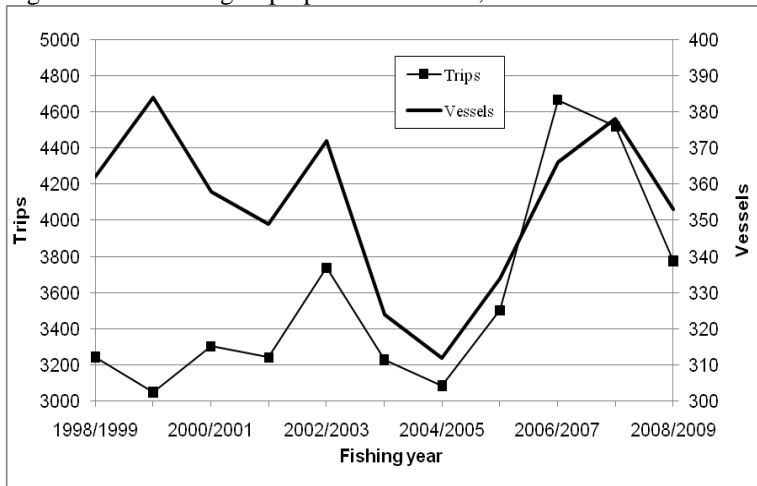


Figure 8.—Atlantic group Spanish mackerel, productivity indicators

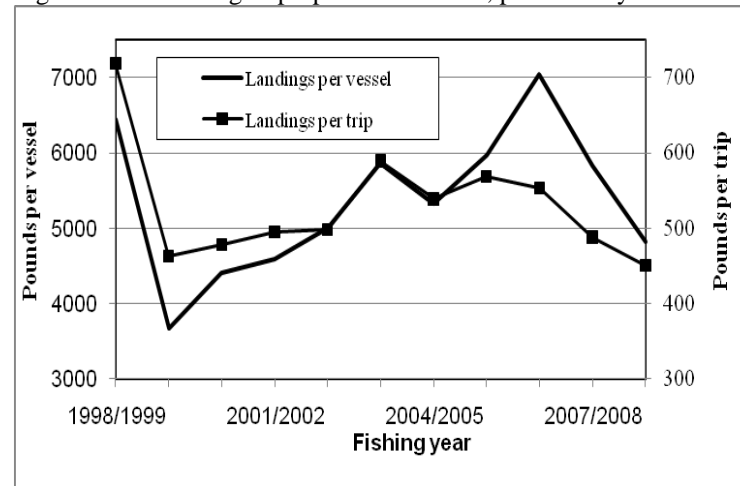


Figure 9.—Gulf group king mackerel, landings & ex-vessel prices

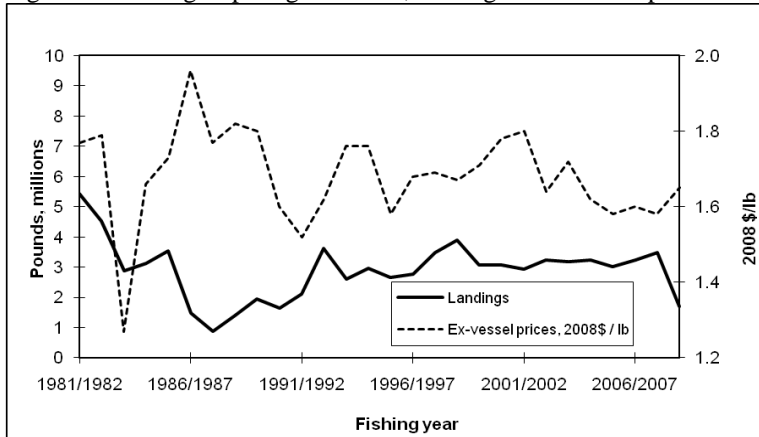


Figure 10.—Gulf king mackerel, landings and quotas

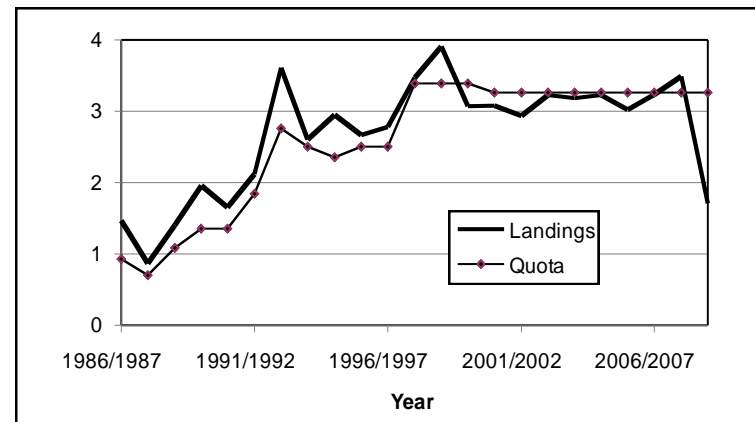


Figure 11.—Gulf group king mackerel, effort indicators

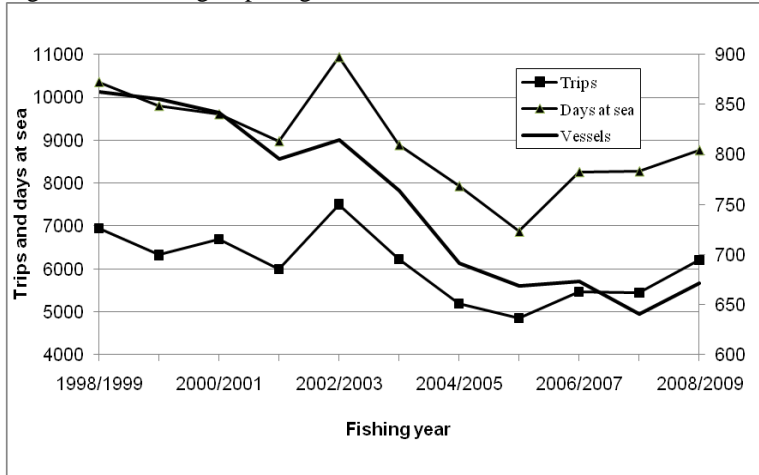


Figure 12.—Gulf group king mackerel, productivity indicators

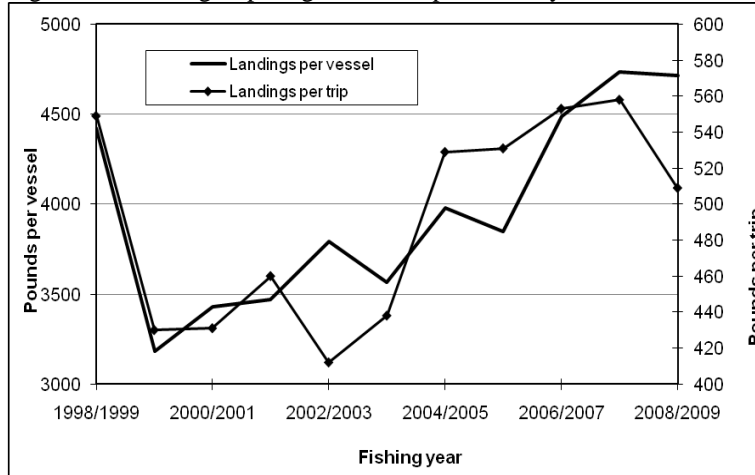


Figure 13.—Gulf group Spanish mackerel, landings & ex-vessel prices

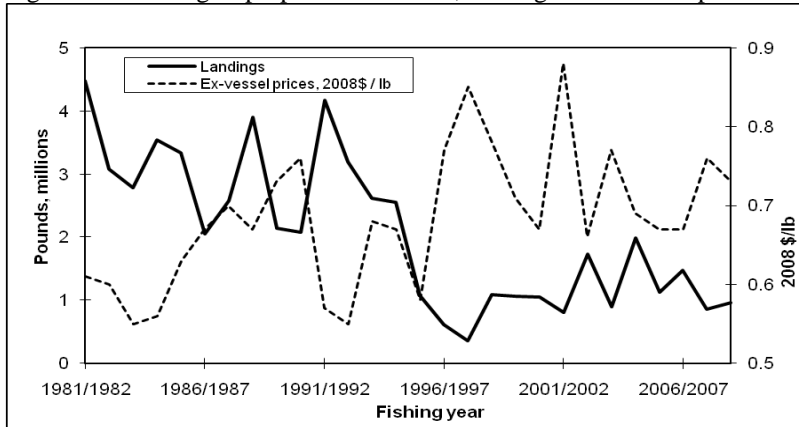


Figure 14.—Gulf Spanish mackerel, landings and quotas

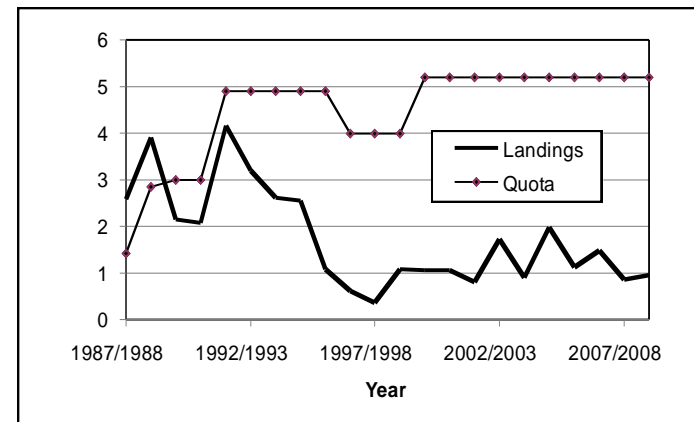


Figure 15.—Gulf group Spanish mackerel, effort indicators

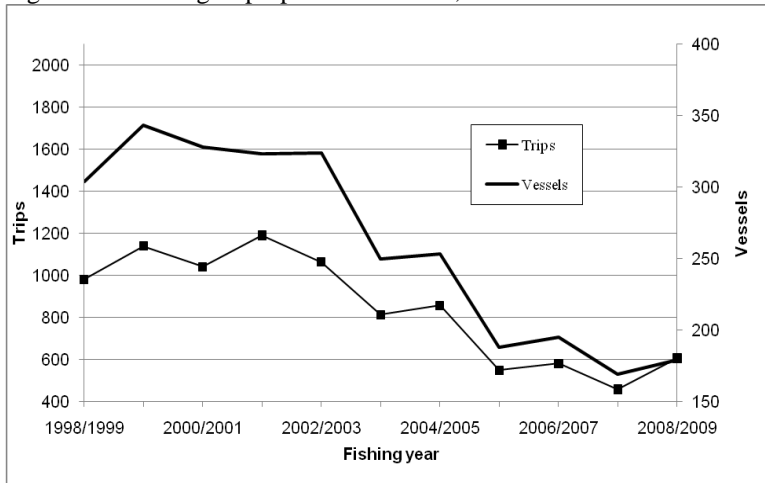


Figure 16.—Gulf group Spanish mackerel, productivity indicators

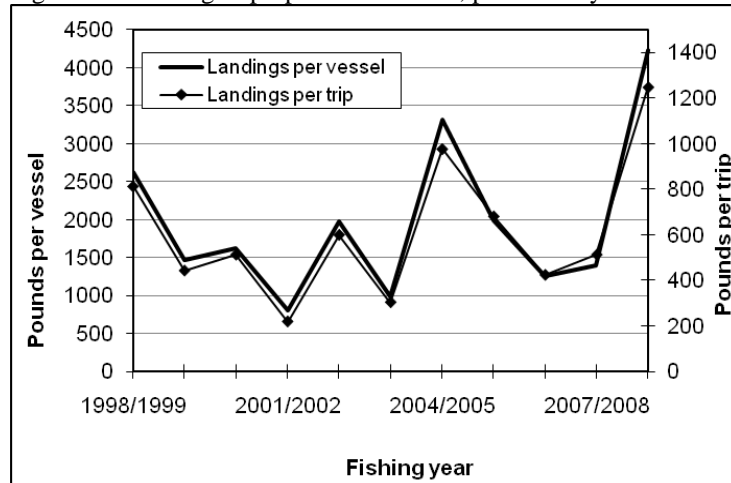


Figure 17.—Barracuda, landings and ex-vessel prices

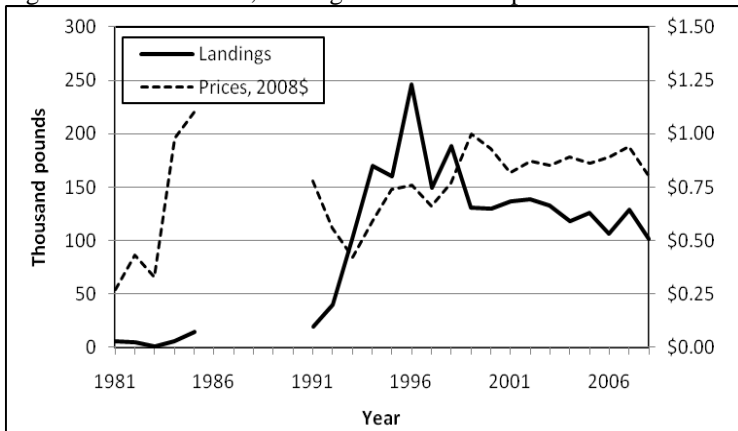


Figure 18.—Barracuda, effort indicators, CFL data

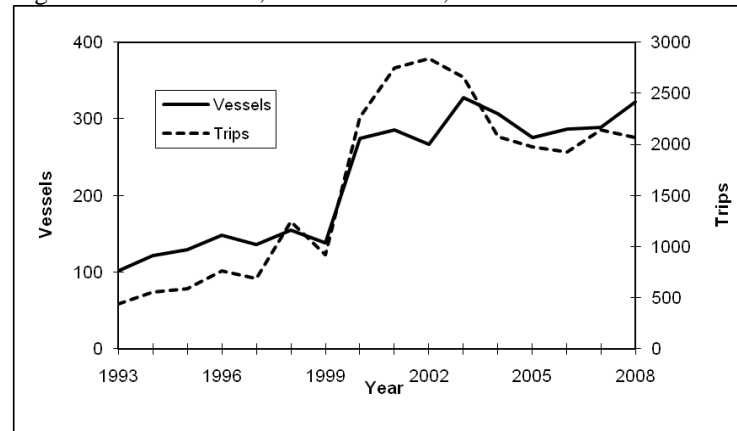
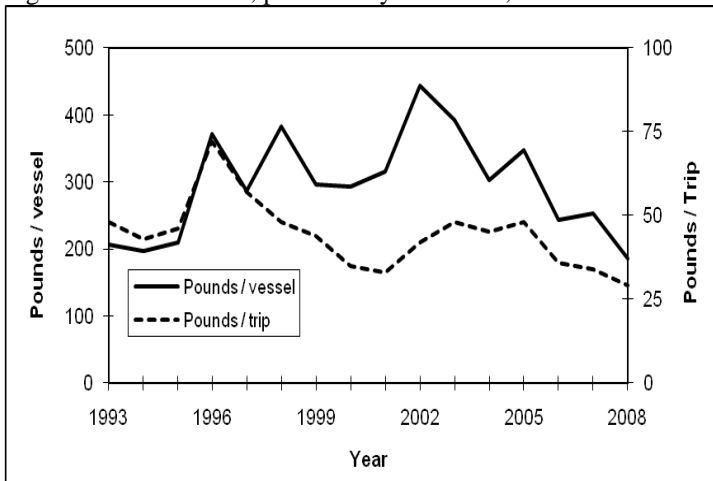


Figure 19.—Barracuda, productivity indicators, CFL data



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Figure 20.—Bluefish, landings and ex-vessel prices

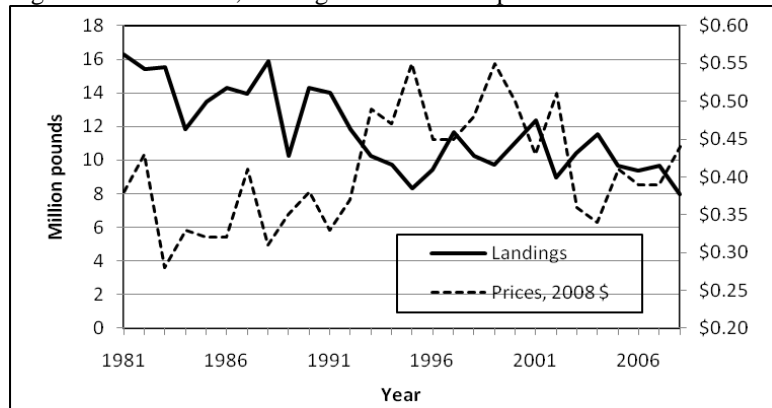


Figure 21.—Bluefish, landings by region

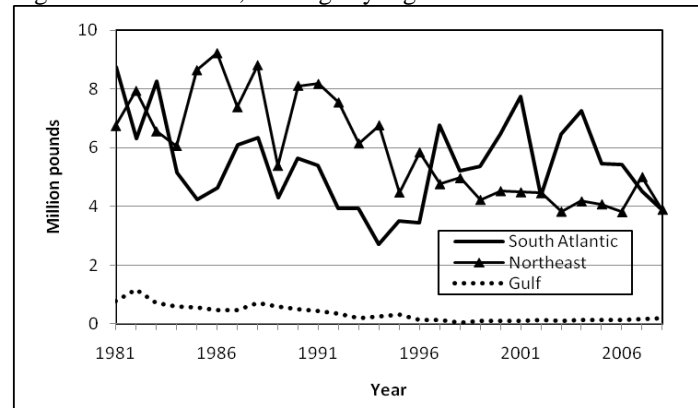


Figure 22. Bluefish, effort indicators, CFL data

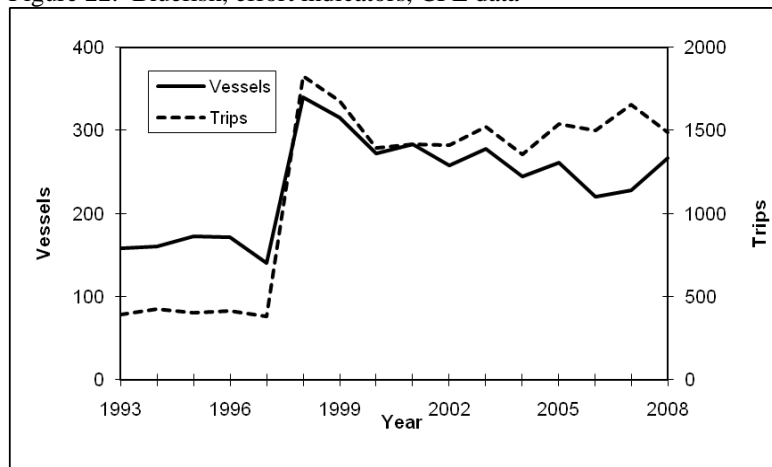


Figure 23.—Bluefish, productivity indicators, CFL data

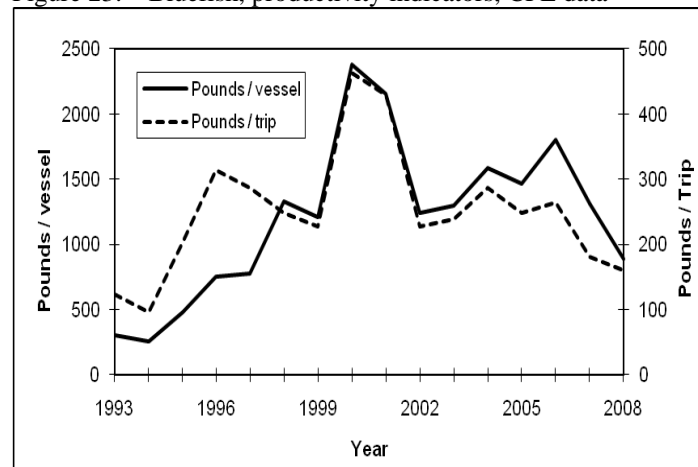


Figure 24.—Bonito, landings and ex-vessel prices

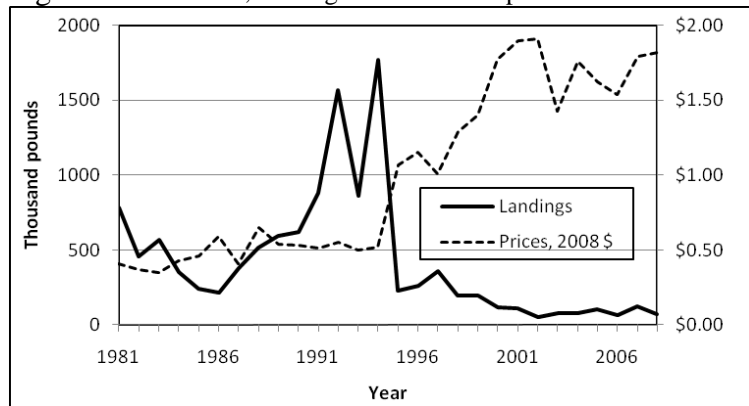


Figure 25.—Bonito, landings by area

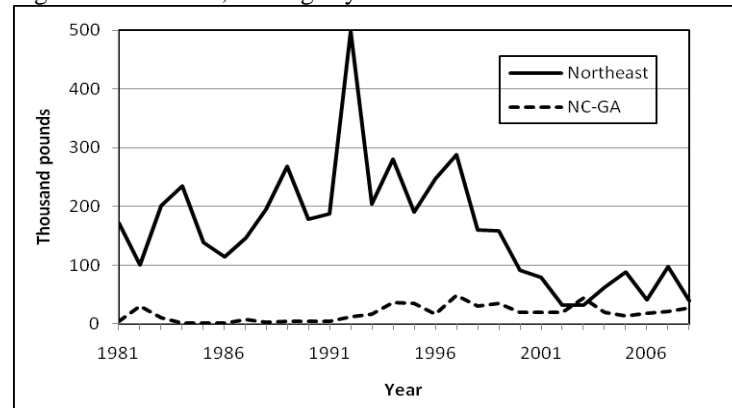


Figure 26.—Bonito, effort indicators, CFL data

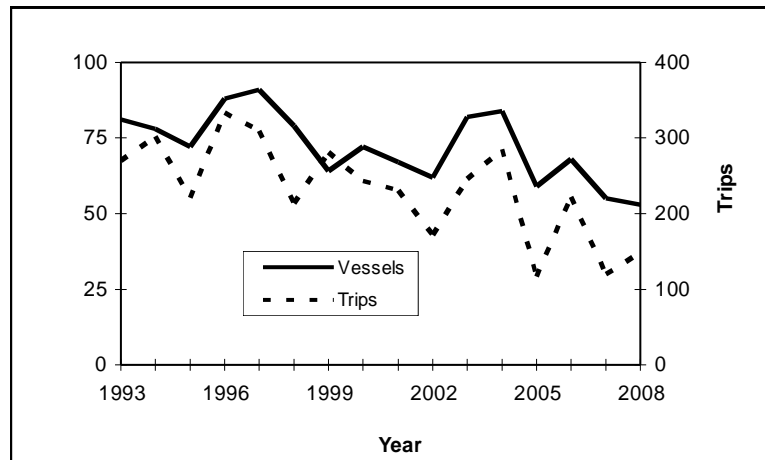


Figure 27.—Bonito, productivity indicators, CFL data

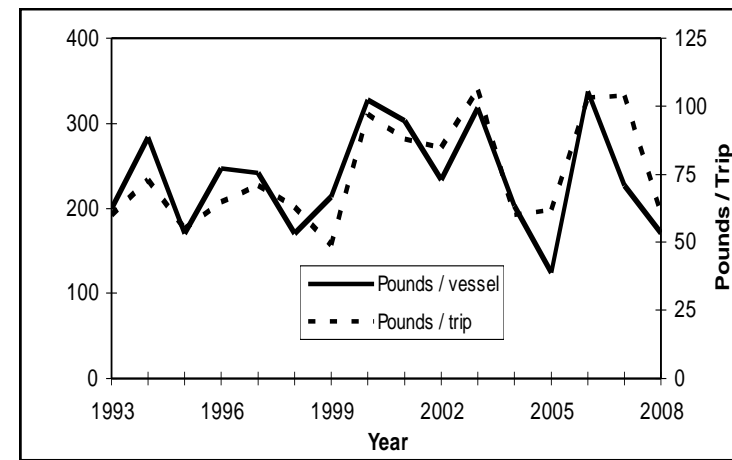


Figure 28.—Cero mackerel, landings and ex-vessel prices

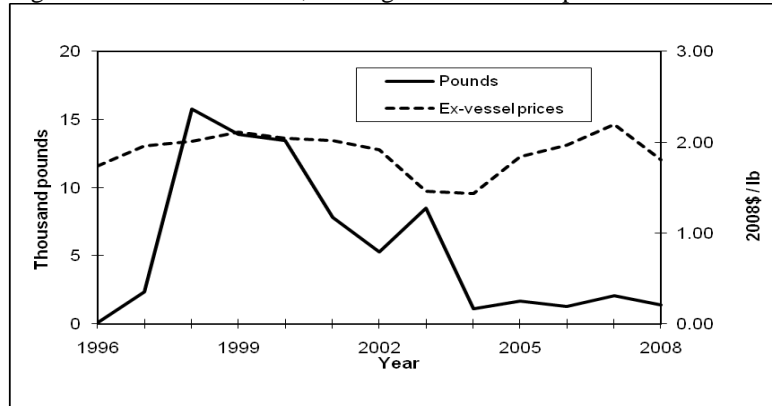


Figure 29.—Cero mackerel, effort indicators, CFL data

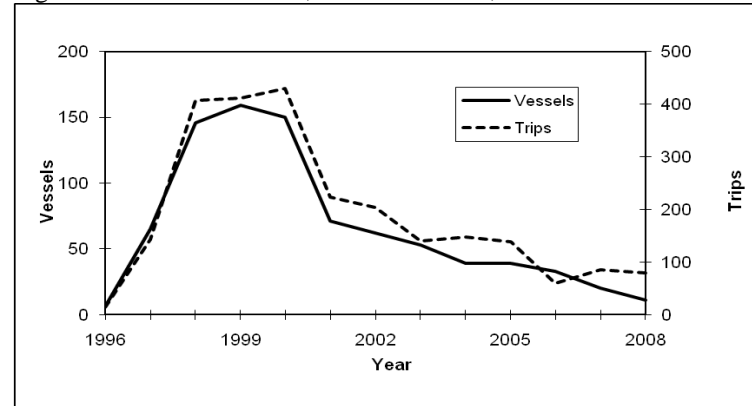
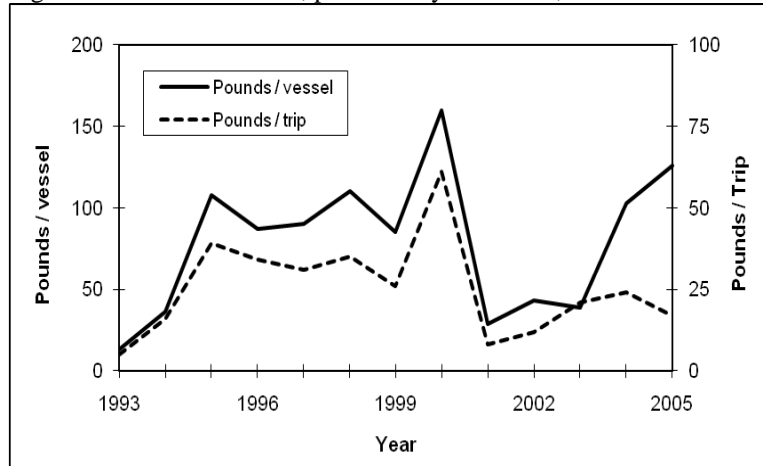


Figure 30.—Cero mackerel, productivity indicators, CFL data



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Figure 31.—Cobia, landings and ex-vessel prices

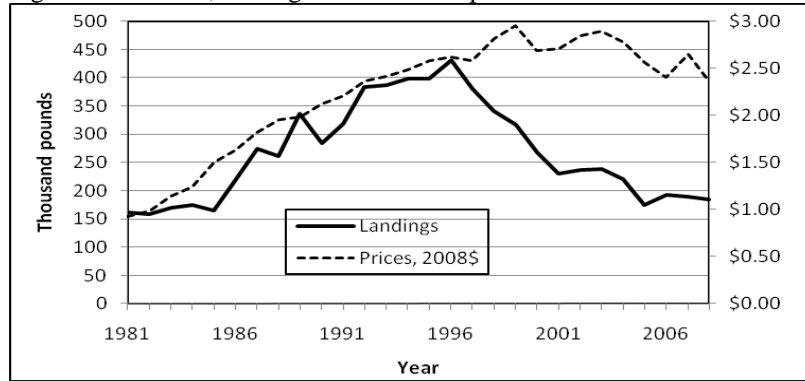


Figure 32.—Cobia, landings, Atlantic and Gulf

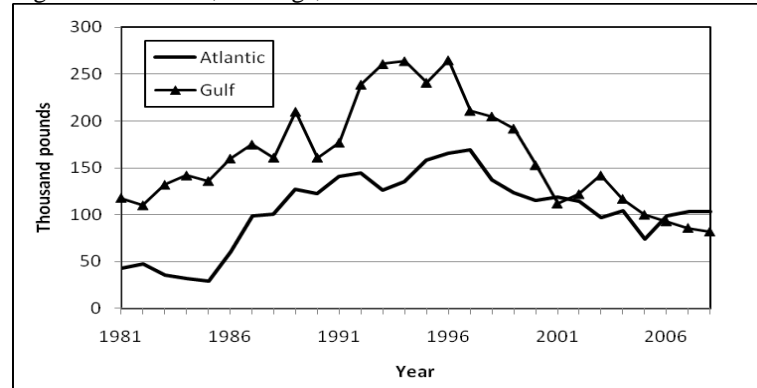


Figure 33.—Cobia, effort indicators, CFL data

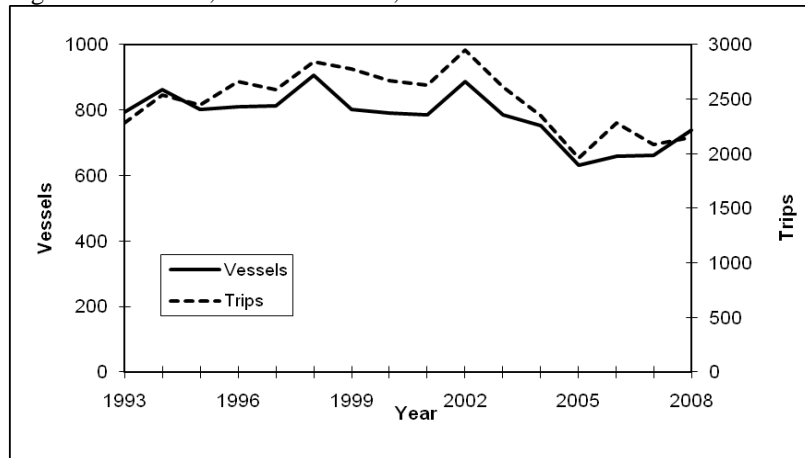


Figure 34.—Cobia, productivity indicators, CFL data

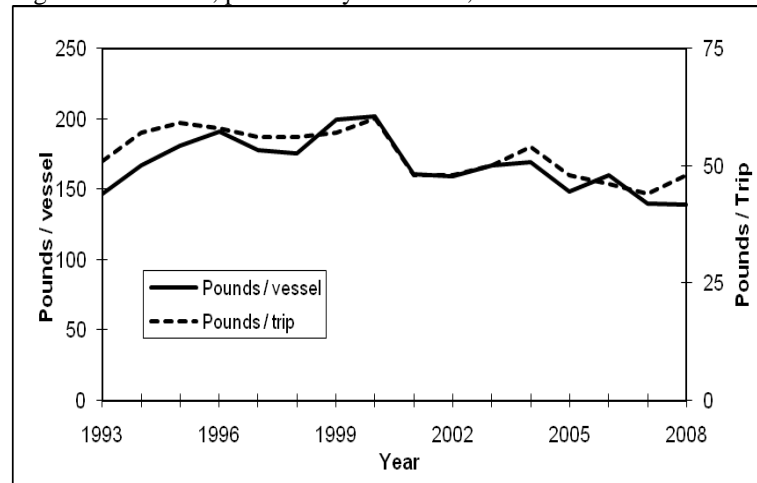


Figure 35.—Dolphin, landings and ex-vessel prices

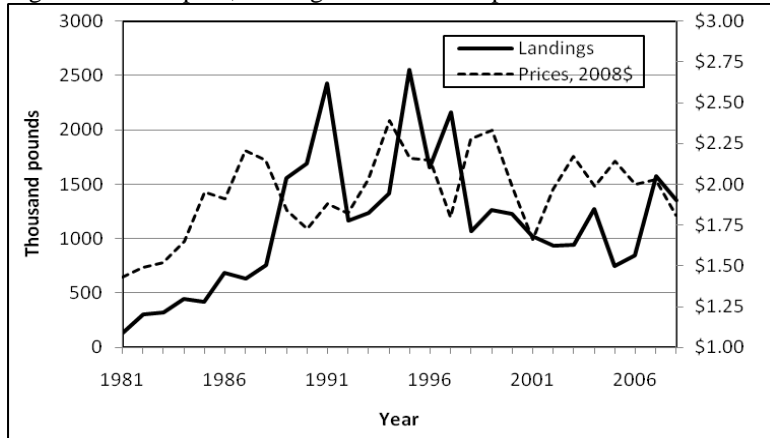


Figure 36—Dolphin, Atlantic and Gulf landings

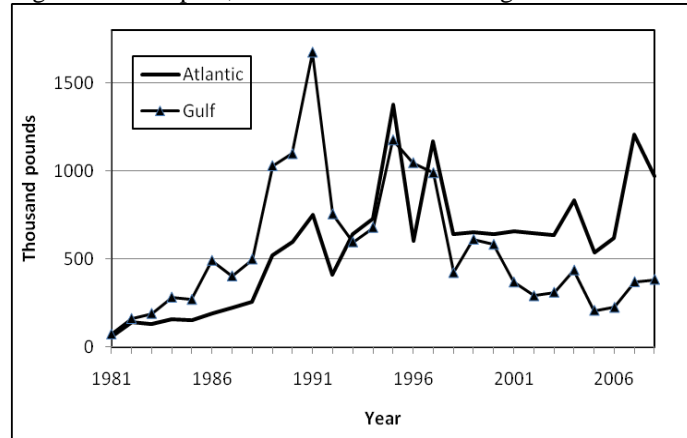


Figure 37. Dolphin, effort indicators, PLL data

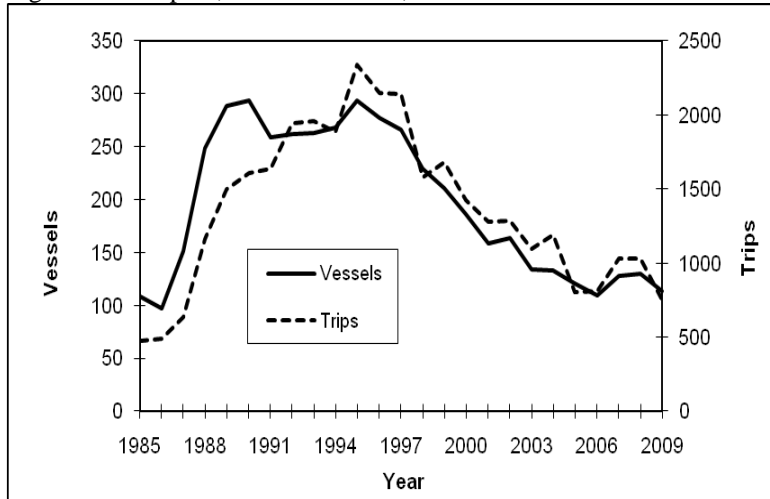


Figure 38.—Dolphin, productivity indicators, PLL data

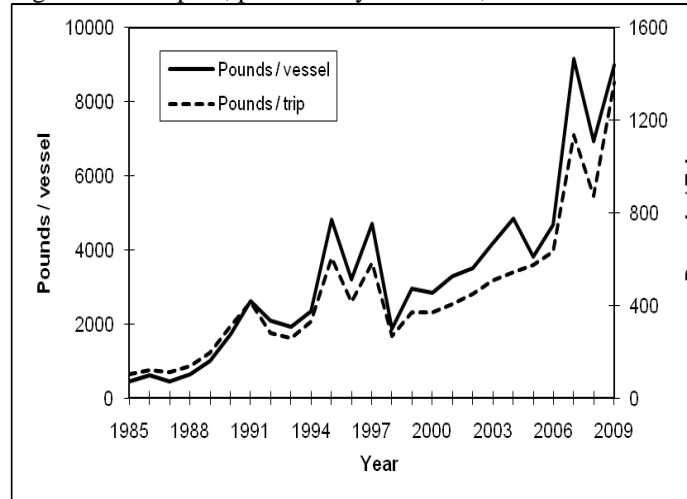


Figure 39. Dolphin, effort indicators, CFL data

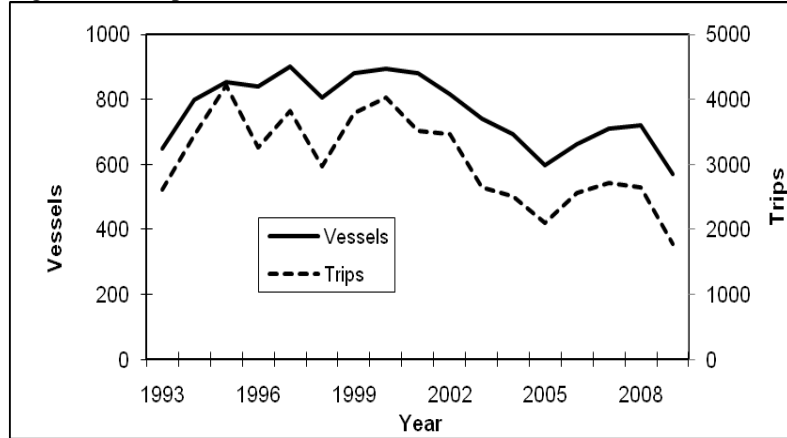


Figure 40.--Dolphin, productivity indicators, CFL data

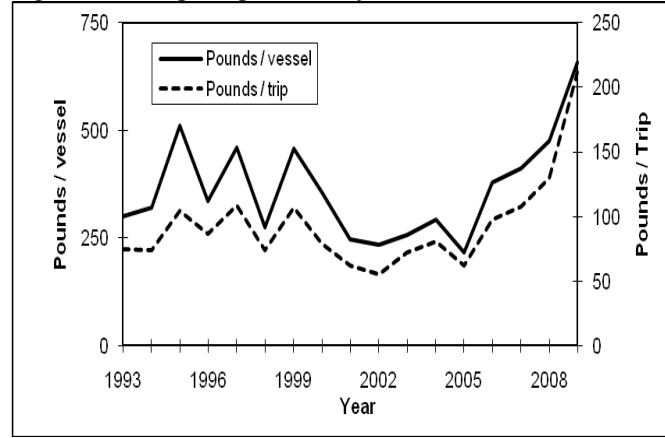
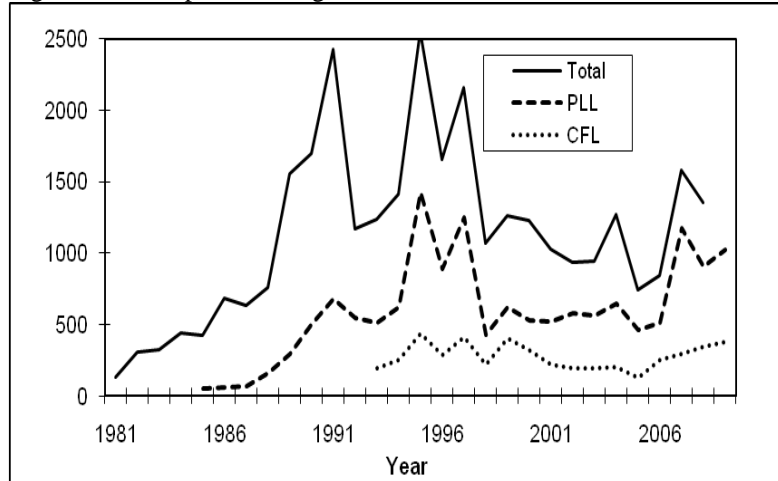


Figure 41.—Dolphin, landings, total, PLL and CFL



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Figure 42.—Little tunny, landings and ex-vessel prices

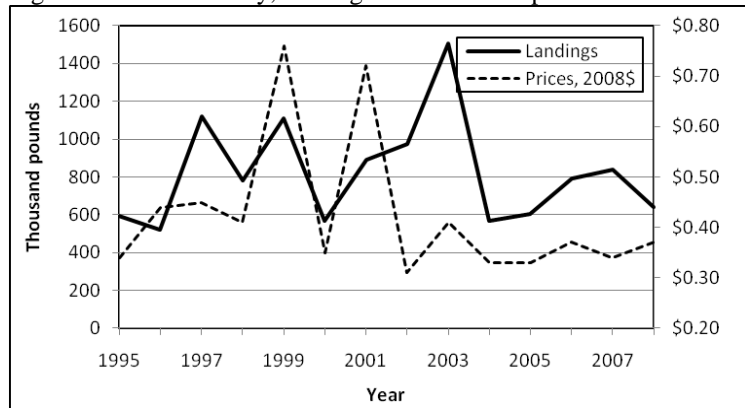


Figure 43.—Little tunny, Atlantic and Gulf landings

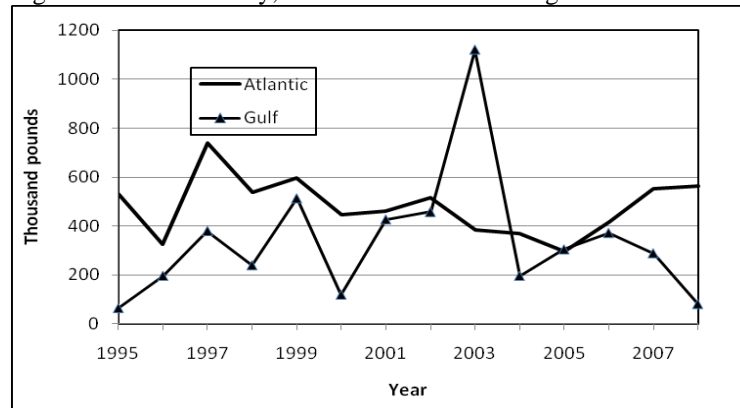


Figure 44.—Little tunny, effort indicators, CFL data

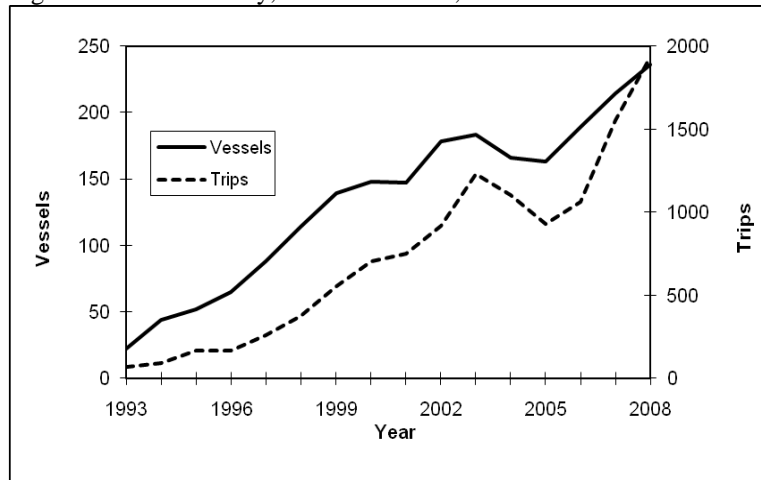


Figure 45.—Little tunny, productivity indicators, CFL data

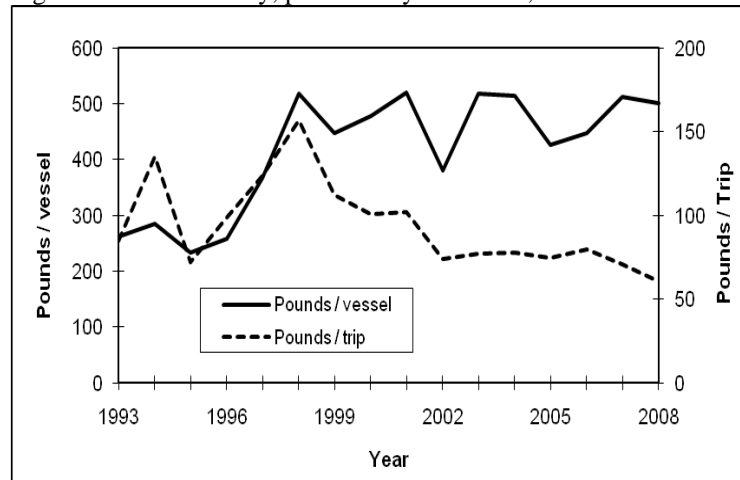


Figure 46.—Blackfin tuna, landings and ex-vessel prices

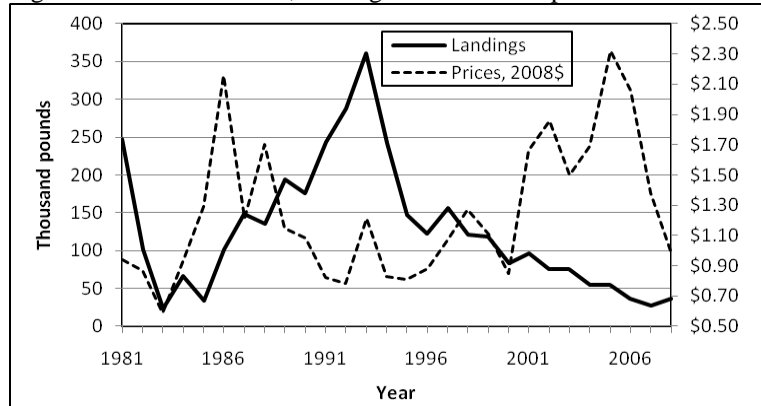


Figure 47.—Blackfin tuna, Atlantic and Gulf landings

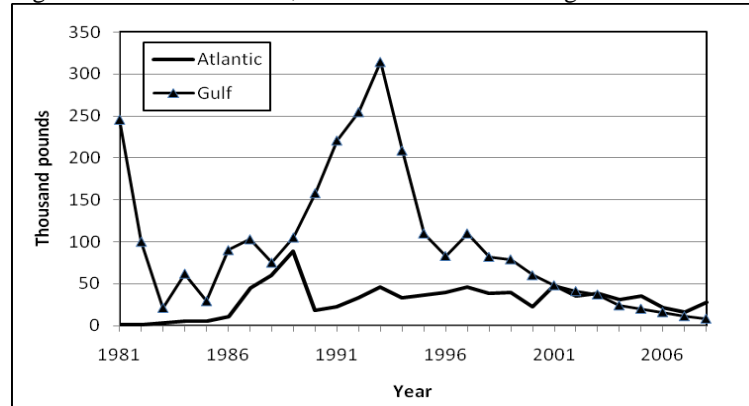


Figure 48.—Blackfin tuna, effort indicators, PLL data

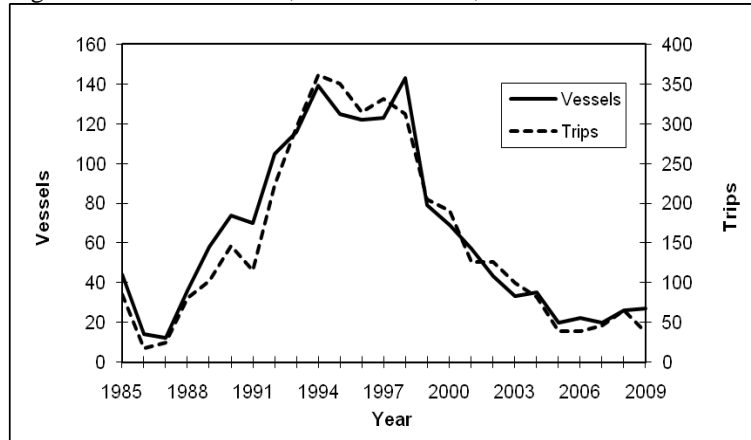


Figure 49.—Blackfin tuna, productivity indicators, PLL data

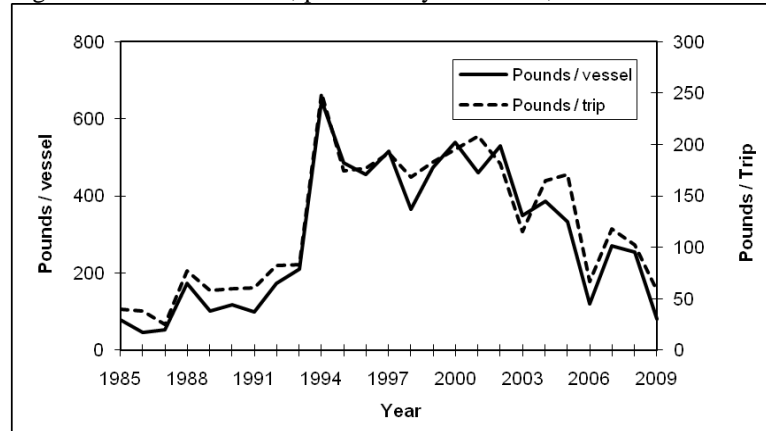


Figure 50.—Blackfin tuna, effort indicators, CFL data

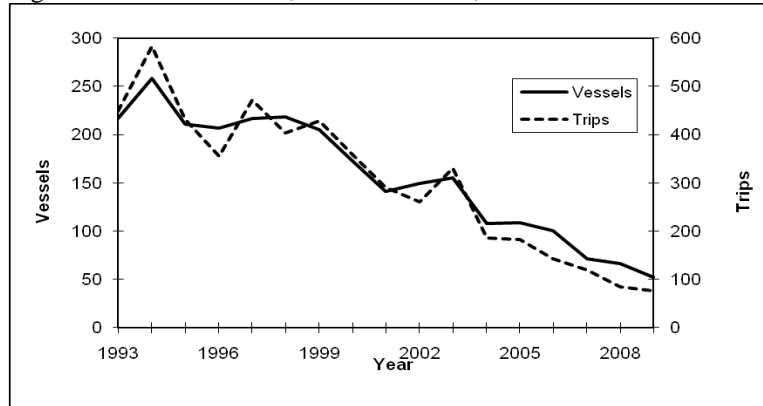


Figure 51.—Blackfin tuna, productivity indicators, CFL data

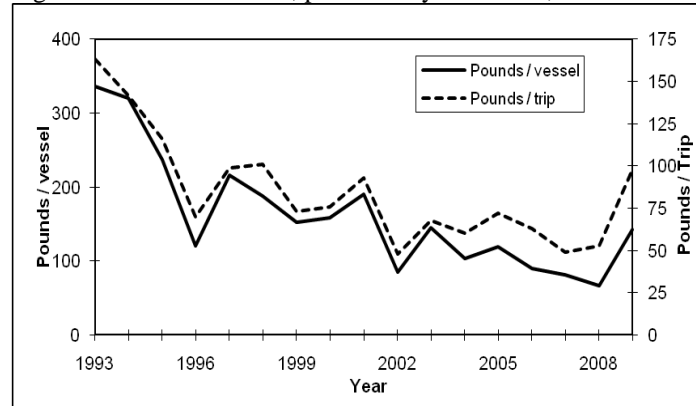


Figure 52.—Blackfin tuna landings, total, PLL and CFL

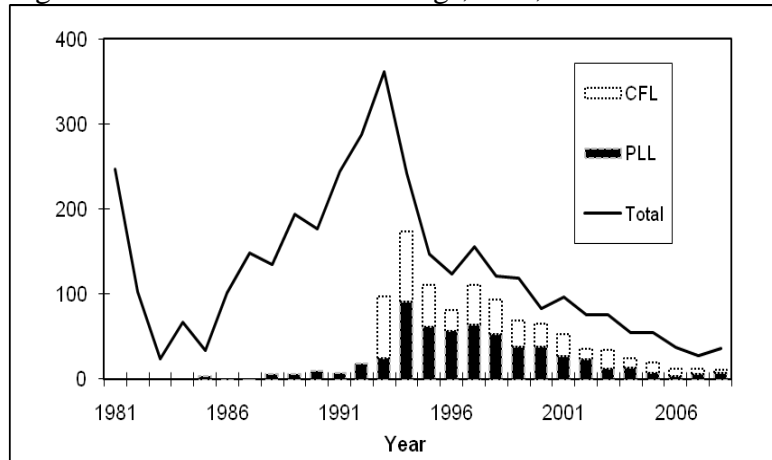


Figure 53.—Wahoo, landings, total, PLL and CFL

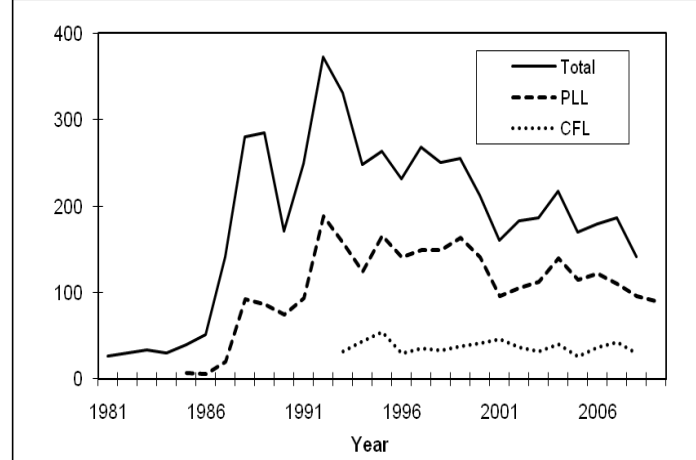


Figure 54.—Wahoo, landings and ex-vessel prices

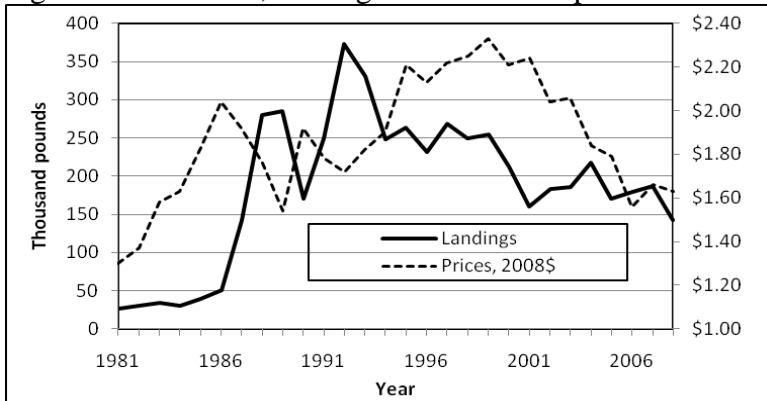


Figure 55.—Wahoo, landings, Atlantic and Gulf

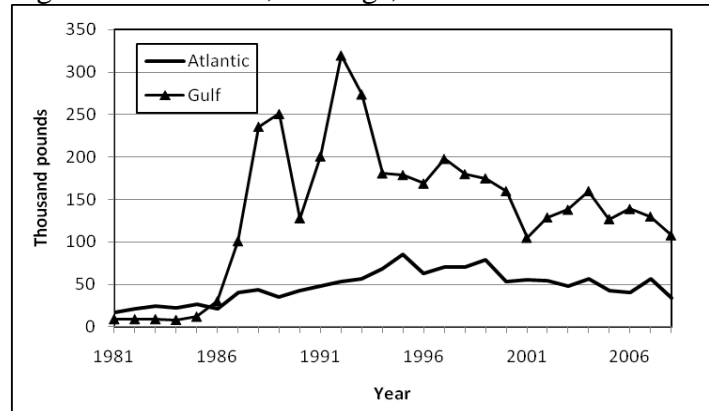


Figure 56.—Wahoo, effort indicators, PLL data

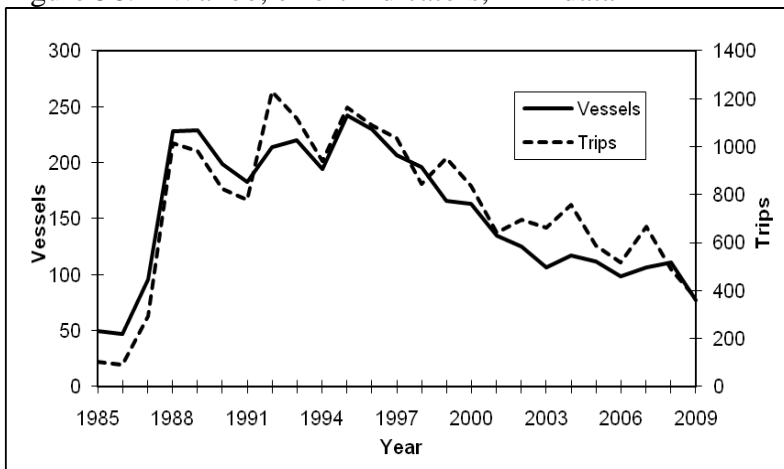


Figure 57.—Wahoo, productivity indicators, PLL data

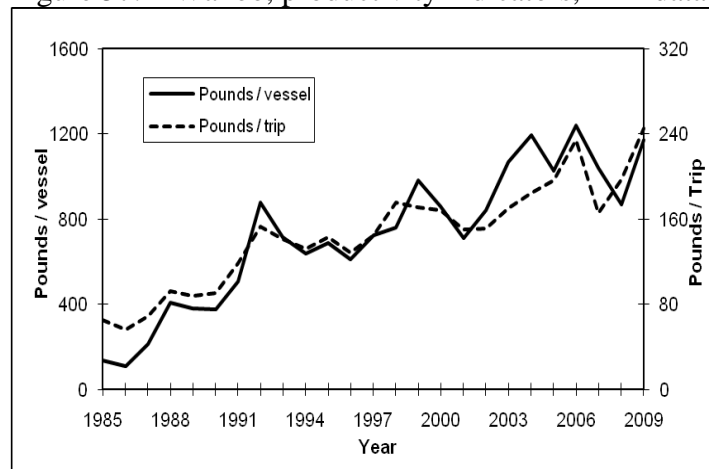


Figure 58.—Wahoo, effort indicators, CFL data

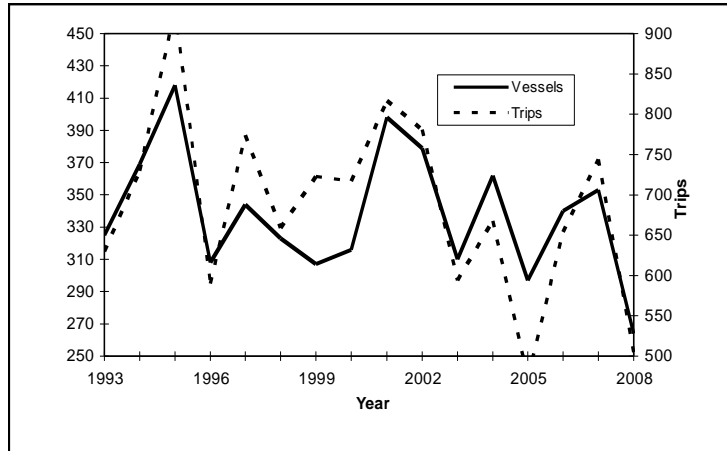
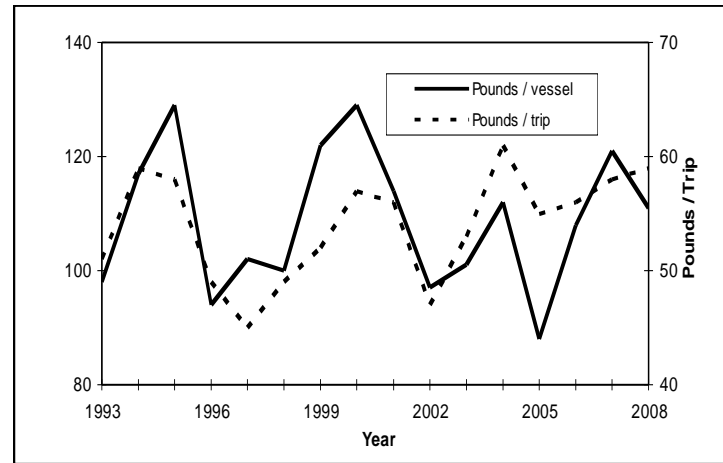


Figure 59.—Wahoo, productivity indicators, CFL data



Appendix

Atlantic migratory group king mackerel, Feb-Mar fishing year , landings (rd wt) and 2008\$, in thousands (ALS and CFDBS data).					
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb
1981/1982	2,340	\$2,087	\$0.89	\$4,019	\$1.72
1982/1983	3,850	\$3,685	\$0.96	\$6,999	\$1.82
1983/1984	2,339	\$2,132	\$0.91	\$3,999	\$1.71
1984/1985	1,925	\$1,903	\$0.99	\$3,483	\$1.81
1985/1986	2,439	\$2,649	\$1.09	\$4,878	\$2.00
1986/1987	2,784	\$2,807	\$1.01	\$5,351	\$1.92
1987/1988	3,452	\$3,854	\$1.12	\$7,096	\$2.06
1988/1989	3,157	\$3,596	\$1.14	\$6,375	\$2.02
1989/1990	2,422	\$3,011	\$1.24	\$5,078	\$2.10
1990/1991	2,784	\$3,469	\$1.25	\$5,672	\$2.04
1991/1992	2,494	\$3,252	\$1.30	\$5,318	\$2.13
1992/1993	2,308	\$3,520	\$1.53	\$5,693	\$2.47
1993/1994	2,002	\$2,949	\$1.47	\$4,700	\$2.35
1994/1995	2,099	\$3,068	\$1.46	\$4,827	\$2.30
1995/1996	1,993	\$3,094	\$1.55	\$4,699	\$2.36
1996/1997	2,291	\$3,348	\$1.46	\$4,968	\$2.17
1997/1998	3,520	\$4,991	\$1.42	\$7,452	\$2.12
1998/1999	3,329	\$5,065	\$1.52	\$7,756	\$2.33
1999/2000	2,791	\$4,373	\$1.57	\$6,577	\$2.36
2000/2001	2,705	\$4,845	\$1.79	\$6,884	\$2.54
2001/2002	2,423	\$4,126	\$1.70	\$5,894	\$2.43
2002/2003	2,079	\$3,440	\$1.65	\$4,954	\$2.38
2003/2004	2,207	\$3,278	\$1.48	\$4,498	\$2.04
2004/2005	3,517	\$5,452	\$1.55	\$6,980	\$1.98
2005/2006	3,118	\$5,311	\$1.70	\$6,325	\$2.03
2006/2007	3,810	\$6,422	\$1.69	\$7,394	\$1.94
2007/2008	3,413	\$6,175	\$1.81	\$6,695	\$1.96
2008/2009	3,669	\$6,439	\$1.76	\$6,410	\$1.75
5-yr avg	3,505	\$5,960	\$1.70	\$6,761	\$1.93

Atlantic king mackerel, Apr-Mar fishing year , landings (rd wt) and 2008\$, in thousands (ALS and CFDBS data).					
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb
1981/1982	2,337	\$2,084	\$0.89	\$4,013	\$1.72
1982/1983	3,843	\$3,680	\$0.96	\$6,988	\$1.82
1983/1984	2,388	\$2,176	\$0.91	\$4,078	\$1.71
1984/1985	1,911	\$1,898	\$0.99	\$3,476	\$1.82
1985/1986	2,442	\$2,656	\$1.09	\$4,893	\$2.00
1986/1987	2,837	\$2,911	\$1.03	\$5,545	\$1.95
1987/1988	3,448	\$3,862	\$1.12	\$7,101	\$2.06
1988/1989	3,091	\$3,493	\$1.13	\$6,183	\$2.00
1989/1990	2,619	\$3,279	\$1.25	\$5,521	\$2.11
1990/1991	2,675	\$3,398	\$1.27	\$5,547	\$2.07
1991/1992	2,515	\$3,263	\$1.30	\$5,336	\$2.12
1992/1993	2,254	\$3,415	\$1.51	\$5,516	\$2.45
1993/1994	2,018	\$2,938	\$1.46	\$4,681	\$2.32
1994/1995	2,182	\$3,191	\$1.46	\$5,008	\$2.30
1995/1996	1,866	\$2,887	\$1.55	\$4,379	\$2.35
1996/1997	2,703	\$3,968	\$1.47	\$5,893	\$2.18
1997/1998	2,682	\$3,791	\$1.41	\$5,669	\$2.11
1998/1999	2,549	\$4,078	\$1.60	\$6,245	\$2.45
1999/2000	2,237	\$3,487	\$1.56	\$5,240	\$2.34
2000/2001	2,103	\$3,623	\$1.72	\$5,154	\$2.45
2001/2002	2,015	\$3,458	\$1.72	\$4,933	\$2.45
2002/2003	1,738	\$2,897	\$1.67	\$4,145	\$2.38
2003/2004	1,727	\$2,483	\$1.44	\$3,415	\$1.98
2004/2005	2,820	\$4,445	\$1.58	\$5,697	\$2.02
2005/2006	2,264	\$4,031	\$1.78	\$4,820	\$2.13
2006/2007	2,915	\$5,002	\$1.72	\$5,749	\$1.97
2007/2008	2,728	\$5,112	\$1.87	\$5,546	\$2.03
2008/2009	2,982	\$5,336	\$1.79	\$5,251	\$1.76
5-yr avg	2,742	\$4,785	\$1.75	\$5,413	\$1.98

Atlantic migratory group king mackerel, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip

Fishing year	Vessels	Trips	Days away from port	Lbs, total	Lbs per vessel	Lbs per trip
1998/1999	902	10,865	15,962	2,240,526	2,484	206
1999/2000	768	9,680	14,197	2,032,054	2,646	210
2000/2001	756	9,943	14,783	1,886,080	2,495	190
2001/2002	750	10,281	14,777	1,714,146	2,286	167
2002/2003	719	8,965	12,676	1,463,836	2,036	163
2003/2004	716	9,613	12,527	1,946,605	2,719	202
2004/2005	696	8,862	11,265	2,184,267	3,138	246
2005/2006	685	7,586	10,706	1,783,612	2,604	235
2006/2007	759	9,670	13,035	2,548,143	3,357	264
2007/2008	796	10,364	14,025	2,327,233	2,924	225
2008/2009	775	10,827	13,541	2,665,246	3,439	246
5-yr avg	742	9,462	12,514	2,301,700	3,092	243
Fishing year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$	
1998/1999	\$5,528,664	\$29,752,955	\$11,570,117	\$32,986	\$1,065	
1999/2000	\$4,808,154	\$26,435,075	\$11,126,300	\$34,421	\$1,149	
2000/2001	\$4,755,785	\$26,921,878	\$11,757,151	\$35,611	\$1,182	
2001/2002	\$4,193,575	\$26,608,938	\$10,583,457	\$35,479	\$1,029	
2002/2003	\$3,570,127	\$25,161,312	\$8,560,218	\$34,995	\$955	
2003/2004	\$3,988,701	\$23,545,330	\$7,736,301	\$32,885	\$805	
2004/2005	\$4,476,068	\$22,341,294	\$8,049,224	\$32,100	\$908	
2005/2006	\$3,835,940	\$21,784,918	\$8,275,006	\$31,803	\$1,091	
2006/2007	\$5,053,145	\$24,411,374	\$9,509,952	\$32,163	\$983	
2007/2008	\$4,788,028	\$25,949,754	\$10,442,456	\$32,600	\$1,008	
2008/2009	\$4,711,972	\$22,573,712	\$8,323,093	\$29,127	\$769	
5-yr avg	\$4,573,031	\$23,412,210	\$8,919,946	\$31,559	\$952	

Atlantic migratory group king mackerel, quota management and harvest (adapted from SEDAR 16 SAR-SECTION I, Table 2.5.4, with updates from ALS-CFDBS).

Fishing year	ABC Range	TAC	Rec Allocation	Com Quota	ALS-CFDBS ¹	Annual Harvest Levels, SEDAR			ALS-CFDBS	
						Com	Rec	Total	FY: Apr-Mar	FY: Mar-Feb
1986/1987	6.9 – 15.4	9.68		3.59	2.84	2.84	5.98	8.82	2.84	2.78
1987/1988	6.9 – 15.4	9.68	6.09	3.59	3.45	3.45	3.91	7.36	3.45	3.45
1988/1989	5.5 – 10.7	7.00	4.40	2.60	3.09	3.09	4.88	7.97	3.09	3.16
1989/1990	6.9 – 15.4	9.00	5.66	3.34	2.62	2.64	3.40	6.04	2.62	2.42
1990/1991	6.5 – 15.7	8.30	5.22	3.08	2.68	2.68	3.72	6.39	2.68	2.78
1991/1992	9.6 – 15.5	10.50	6.60	3.90	2.52	2.52	5.82	8.34	2.52	2.49
1992/1993	8.6 – 12.0	10.50	6.60	3.90	2.25	2.23	6.25	8.48	2.25	2.31
1993/1994	9.9 – 14.6	10.50	6.60	3.90	2.02	2.02	4.44	6.46	2.02	2.00
1994/1995	7.6 – 10.3	10.00	6.29	3.71	2.18	2.20	3.73	5.93	2.18	2.10
1995/1996	7.3 – 15.5	7.30	4.60	2.70	1.87	1.87	4.15	6.02	1.87	1.99
1996/1997	4.1 – 6.8	6.80	4.28	2.52	2.70	2.70	3.99	6.69	2.70	2.29
1997/1998	4.1 – 6.8	6.80	4.28	2.52	2.68	2.68	5.16	7.84	2.68	3.52
1998/1999	8.4 – 11.9	8.40	5.28	3.12	2.55	2.55	4.27	6.82	2.55	3.33
1999/2000	8.9 – 13.3	10.00	6.30	3.70	2.24	2.24	3.42	5.66	2.24	2.79
2000/2001	8.9 – 13.3	10.00	6.30	3.70	2.10	2.07	5.34	7.41	2.10	2.71
2001/2002	8.9 – 13.3	10.00	6.30	3.70	2.02	2.02	4.04	6.05	2.02	2.42
2002/2003	8.9 – 13.3	10.00	6.30	3.70	1.74	1.71	4.27	5.98	1.74	2.08
2003/2004	8.9 – 13.3	10.00	6.30	3.70	1.73	1.96	4.08	6.03	1.73	2.21
2004/2005	8.9 – 13.3	10.00	6.30	3.70	2.82	2.55	3.31	5.86	2.82	3.52
2005/2006	8.9 – 13.3	10.00	6.30	3.70	2.26	2.15	3.96	6.11	2.26	3.12
2006/2007				3.70	3.81				2.92	3.81
2007/2008				3.70	3.41				2.73	3.41
2008/2009				3.70	3.67				2.98	3.67

¹Fishing year specifications used for ALS-CFDBS data are as follows: Apr-Mar through 2005/2006, and Mar-Feb for 2006/2007 onward. This change was implemented on August 8, 2005 (50 CFR part 622, Federal Register, vol. 70, no. 129, p. 39184, Thursday, July 5, 2005). Preliminary ALS data as of 30Jul09 NMFS, NEFSC CFDBS, 2007-2008 (07-08Aug09), other years (07Apr09).

Atlantic Spanish mackerel, Mar-Feb fishing year , landings (rd wt) and 2008\$, in thousands (ALS and CFDBS data).					
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb
1981/1982	2,911	\$954	\$0.33	\$1,833	\$0.63
1982/1983	7,097	\$2,217	\$0.31	\$4,211	\$0.59
1983/1984	3,473	\$955	\$0.28	\$1,773	\$0.51
1984/1985	3,748	\$1,036	\$0.28	\$1,901	\$0.51
1985/1986	4,241	\$1,239	\$0.29	\$2,293	\$0.54
1986/1987	2,657	\$831	\$0.31	\$1,578	\$0.59
1987/1988	3,109	\$1,060	\$0.34	\$1,937	\$0.62
1988/1989	3,905	\$1,551	\$0.40	\$2,727	\$0.70
1989/1990	3,869	\$1,437	\$0.37	\$2,417	\$0.62
1990/1991	3,580	\$1,387	\$0.39	\$2,245	\$0.63
1991/1992	4,593	\$1,827	\$0.40	\$2,991	\$0.65
1992/1993	3,594	\$1,515	\$0.42	\$2,445	\$0.68
1993/1994	4,714	\$1,931	\$0.41	\$3,086	\$0.65
1994/1995	5,519	\$2,556	\$0.46	\$3,987	\$0.72
1995/1996	1,878	\$1,142	\$0.61	\$1,728	\$0.92
1996/1997	3,051	\$1,584	\$0.52	\$2,343	\$0.77
1997/1998	3,312	\$1,906	\$0.58	\$2,851	\$0.86
1998/1999	3,389	\$1,836	\$0.54	\$2,821	\$0.83
1999/2000	2,608	\$1,762	\$0.68	\$2,636	\$1.01
2000/2001	3,007	\$1,893	\$0.63	\$2,664	\$0.89
2001/2002	3,329	\$2,106	\$0.63	\$3,036	\$0.91
2002/2003	3,679	\$2,406	\$0.65	\$3,436	\$0.93
2003/2004	4,091	\$2,534	\$0.62	\$3,448	\$0.84
2004/2005	3,761	\$2,948	\$0.78	\$3,749	\$1.00
2005/2006	4,041	\$3,270	\$0.81	\$3,865	\$0.96
2006/2007	4,038	\$3,367	\$0.83	\$3,878	\$0.96
2007/2008	3,500	\$3,334	\$0.95	\$3,591	\$1.03
2008/2009	2,508	\$2,241	\$0.89	\$2,273	\$0.91
5-yr avg	3,570	\$3,032	\$0.85	\$3,471	\$0.97

Atlantic Spanish mackerel, Apr-Mar fishing year , landings (rd wt) and 2008\$, in thousands (ALS and CFDBS data).						
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb	
1981/1982	5,059	\$1,653	\$0.33	\$3,165	\$0.63	
1982/1983	4,950	\$1,519	\$0.31	\$2,880	\$0.58	
1983/1984	4,213	\$1,161	\$0.28	\$2,150	\$0.51	
1984/1985	3,201	\$872	\$0.27	\$1,603	\$0.50	
1985/1986	4,154	\$1,224	\$0.29	\$2,267	\$0.55	
1986/1987	2,563	\$814	\$0.32	\$1,544	\$0.60	
1987/1988	3,475	\$1,303	\$0.38	\$2,377	\$0.68	
1988/1989	3,521	\$1,299	\$0.37	\$2,270	\$0.64	
1989/1990	3,941	\$1,490	\$0.38	\$2,504	\$0.64	
1990/1991	3,535	\$1,359	\$0.38	\$2,197	\$0.62	
1991/1992	4,707	\$1,859	\$0.39	\$3,043	\$0.65	
1992/1993	3,727	\$1,604	\$0.43	\$2,585	\$0.69	
1993/1994	4,811	\$1,992	\$0.41	\$3,180	\$0.66	
1994/1995	5,254	\$2,055	\$0.39	\$3,192	\$0.61	
1995/1996	1,834	\$1,014	\$0.55	\$1,533	\$0.84	
1996/1997	3,098	\$1,389	\$0.45	\$2,052	\$0.66	
1997/1998	3,057	\$1,587	\$0.52	\$2,377	\$0.78	
1998/1999	3,272	\$1,577	\$0.48	\$2,428	\$0.74	
1999/2000	2,379	\$1,255	\$0.53	\$1,866	\$0.78	
2000/2001	2,794	\$1,603	\$0.57	\$2,245	\$0.80	
2001/2002	3,036	\$1,693	\$0.56	\$2,462	\$0.81	
2002/2003	3,207	\$1,865	\$0.58	\$2,642	\$0.82	
2003/2004	3,740	\$2,103	\$0.56	\$2,851	\$0.76	
2004/2005	3,677	\$2,609	\$0.71	\$3,289	\$0.89	
2005/2006	3,399	\$2,652	\$0.78	\$3,109	\$0.91	
2006/2007	3,556	\$2,819	\$0.79	\$3,240	\$0.91	
2007/2008	3,133	\$2,764	\$0.88	\$2,944	\$0.94	
2008/2009	1,978	\$1,475	\$0.75	\$1,521	\$0.77	
5-yr avg	3,149	\$2,464	\$0.78	\$2,821	\$0.88	

Atlantic migratory group Spanish mackerel, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip						
Fishing year	Vessels	Trips	Days away from port	Lbs, total	Lbs per vessel	Lbs per trip
1998/1999	362	3,244	3,423	2,330,986	6,439	719
1999/2000	384	3,049	3,294	1,410,228	3,672	463
2000/2001	358	3,303	3,526	1,577,293	4,406	478
2001/2002	349	3,242	3,376	1,603,403	4,594	495
2002/2003	372	3,738	3,856	1,861,413	5,004	498
2003/2004	324	3,228	3,337	1,900,054	5,864	589
2004/2005	312	3,085	3,195	1,663,756	5,333	539
2005/2006	334	3,502	3,612	1,993,905	5,970	569
2006/2007	366	4,666	4,780	2,579,551	7,048	553
2007/2008	378	4,520	4,578	2,204,569	5,832	488
2008/2009	353	3,774	3,818	1,702,647	4,823	451
5-yr avg	349	3,909	3,997	2,028,886	5,801	520
Fishing year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$	
1998/1999	\$1,741,376	\$10,778,087	\$2,753,555	\$29,774	\$849	
1999/2000	\$1,344,869	\$10,225,754	\$2,369,339	\$26,630	\$777	
2000/2001	\$1,299,631	\$10,848,313	\$2,275,516	\$30,303	\$689	
2001/2002	\$1,412,802	\$9,482,859	\$2,319,278	\$27,172	\$715	
2002/2003	\$1,656,395	\$9,987,394	\$2,555,786	\$26,848	\$684	
2003/2004	\$1,507,343	\$8,809,800	\$2,142,954	\$27,191	\$664	
2004/2005	\$1,619,268	\$8,394,689	\$2,251,897	\$26,906	\$730	
2005/2006	\$1,813,890	\$9,613,315	\$2,561,595	\$28,782	\$731	
2006/2007	\$2,372,121	\$10,787,376	\$3,171,456	\$29,474	\$680	
2007/2008	\$2,010,146	\$10,809,616	\$2,839,062	\$28,597	\$628	
2008/2009	\$1,415,635	\$9,199,533	\$2,063,205	\$26,061	\$547	
5-yr avg	\$1,846,212	\$9,760,906	\$2,577,443	\$27,964	\$663	

Atlantic migratory group Spanish mackerel, quota management and harvest (adapted from SEDAR 16 SAR-SECTION I, Table 2.5.4, with updates from ALS-CFDBS).

Fishing year	ABC Range	TAC	Rec Allocation	Comm Quota	ALS-CFD BS ¹	Annual Harvest Levels, SEDAR			ALS-CFDBS	
						Com	Rec	Total	FY: Apr-Mar	FY: Mar-Feb
1987/1988	1.7 - 3.1	3.10	0.74	2.36	3.48	3.56	1.47	5.03	3.48	3.11
1988/1989	1.3 - 5.5	4.00	0.96	3.04	3.52	3.52	2.74	6.26	3.52	3.91
1989/1990	4.1 - 7.4	6.00	2.76	3.24	3.94	3.96	1.57	5.53	3.94	3.87
1990/1991	4.2 - 6.6	5.00	1.86	3.14	3.54	3.56	2.08	5.64	3.54	3.58
1991/1992	5.5 - 13.5	7.00	3.50	3.50	4.71	4.74	2.29	7.02	4.71	4.59
1992/1993	4.9 - 7.9	7.00	3.50	3.50	3.73	3.72	2.00	5.71	3.73	3.59
1993/1994	7.3 - 13.0	9.00	4.50	4.50	4.81	4.81	1.49	6.31	4.81	4.71
1994/1995	4.1 - 9.2	9.20	4.60	4.60	5.25	5.23	1.38	6.61	5.25	5.52
1995/1996	4.9 - 14.7	9.40	4.70	4.70	1.83	2.01	1.09	3.10	1.83	1.88
1996/1997	5.0 - 7.0	7.00	3.50	3.50	3.10	3.10	0.85	3.95	3.10	3.05
1997/1998	5.8 - 9.4	8.00	4.00	4.00	3.06	3.06	1.66	4.72	3.06	3.31
1998/1999	5.4 - 8.2	8.00	4.00	4.00	3.27	3.27	0.82	4.09	3.27	3.39
1999/2000	5.7 - 9.0	6.60	2.97	3.87	2.38	2.34	1.51	3.85	2.38	2.61
2000/2001	5.7 - 9.0	7.04	3.17	3.87	2.79	2.80	2.70	5.49	2.79	3.01
2001/2002		7.04	3.17	3.87	3.04				3.04	3.33
2002/2003		7.04	3.17	3.87	3.21				3.21	3.68
2003/2004		7.04	3.17	3.87	3.74				3.74	4.09
2004/2005		7.04	3.17	3.87	3.68				3.68	3.76
2005/2006		7.04	3.17	3.87	3.40				3.40	4.04
2006/2007		7.04	3.17	3.87	4.04				3.56	4.04
2007/2008		7.04	3.17	3.87	3.50				3.13	3.50
2008/2009		7.04	3.17	3.87	2.51				1.98	2.51

¹Fishing year specifications used for ALS-CFDBS data are as follows: April-March through 2005/2006, and March-February for 2006/2007 onward. This change was implemented on August 8, 2005 (50 CFR part 622, Federal Register, vol. 70, no. 129, p. 39184, Thursday, July 5, 2005). Preliminary ALS data as of 30Jul09 NMFS, NEFSC CFDBS, 2007-2008 (07-08Aug09), other years (07Apr09).

Gulf migratory group king mackerel, landings (rd wt) and 2008\$, in thousands (ALS data).					
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb
1981/1982	5,442	\$5,034	\$0.93	\$9,621	\$1.77
1982/1983	4,516	\$4,274	\$0.95	\$8,089	\$1.79
1983/1984	2,882	\$1,984	\$0.69	\$3,666	\$1.27
1984/1985	3,121	\$2,818	\$0.90	\$5,180	\$1.66
1985/1986	3,539	\$3,287	\$0.93	\$6,110	\$1.73
1986/1987	1,474	\$1,523	\$1.03	\$2,883	\$1.96
1987/1988	868	\$842	\$0.97	\$1,537	\$1.77
1988/1989	1,405	\$1,466	\$1.04	\$2,562	\$1.82
1989/1990	1,954	\$2,096	\$1.07	\$3,508	\$1.80
1990/1991	1,645	\$1,643	\$1.00	\$2,636	\$1.60
1991/1992	2,117	\$1,968	\$0.93	\$3,227	\$1.52
1992/1993	3,610	\$3,622	\$1.00	\$5,833	\$1.62
1993/1994	2,603	\$2,871	\$1.10	\$4,586	\$1.76
1994/1995	2,948	\$3,337	\$1.13	\$5,186	\$1.76
1995/1996	2,662	\$2,786	\$1.05	\$4,206	\$1.58
1996/1997	2,776	\$3,160	\$1.14	\$4,668	\$1.68
1997/1998	3,469	\$3,887	\$1.12	\$5,848	\$1.69
1998/1999	3,906	\$4,235	\$1.08	\$6,529	\$1.67
1999/2000	3,072	\$3,542	\$1.15	\$5,253	\$1.71
2000/2001	3,079	\$3,920	\$1.27	\$5,470	\$1.78
2001/2002	2,933	\$3,615	\$1.23	\$5,281	\$1.80
2002/2003	3,228	\$3,758	\$1.16	\$5,299	\$1.64
2003/2004	3,183	\$4,052	\$1.27	\$5,486	\$1.72
2004/2005	3,229	\$4,144	\$1.28	\$5,224	\$1.62
2005/2006	3,022	\$4,078	\$1.35	\$4,786	\$1.58
2006/2007	3,232	\$4,515	\$1.40	\$5,162	\$1.60
2007/2008	3,486	\$5,191	\$1.49	\$5,494	\$1.58
2008/2009	1,702	\$2,720	\$1.60	\$2,812	\$1.65
5-yr avg	2,934	\$4,130	\$1.42	\$4,696	\$1.61

Gulf migratory group king mackerel, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip

Fishing year	Vessels	Trips	Days away from port	Lbs, total	Lbs per vessel	Lbs per trip
1998/1999	863	6,948	10,354	3,817,555	4,424	549
1999/2000	855	6,325	9,799	2,721,005	3,182	430
2000/2001	842	6,695	9,606	2,888,848	3,431	431
2001/2002	796	6,000	8,980	2,761,834	3,470	460
2002/2003	815	7,503	10,931	3,091,339	3,793	412
2003/2004	764	6,223	8,888	2,724,632	3,566	438
2004/2005	691	5,197	7,938	2,749,548	3,979	529
2005/2006	669	4,847	6,876	2,573,763	3,847	531
2006/2007	673	5,466	8,261	3,021,211	4,489	553
2007/2008	641	5,439	8,279	3,036,313	4,737	558
2008/2009	671	6,208	8,769	3,162,683	4,713	509
5-yr avg	669	5,431	8,025	2,908,704	4,353	536
Fishing year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$	
1998/1999	\$6,484,184	\$41,962,818	\$9,353,054	\$48,624	\$1,346	
1999/2000	\$4,789,924	\$40,423,327	\$7,490,344	\$47,279	\$1,184	
2000/2001	\$5,598,409	\$38,597,690	\$8,287,051	\$45,840	\$1,238	
2001/2002	\$5,407,951	\$39,437,235	\$8,602,887	\$49,544	\$1,434	
2002/2003	\$5,806,645	\$40,425,426	\$9,963,694	\$49,602	\$1,328	
2003/2004	\$5,254,863	\$35,022,733	\$8,002,400	\$45,841	\$1,286	
2004/2005	\$4,798,448	\$32,926,830	\$7,911,452	\$47,651	\$1,522	
2005/2006	\$4,454,479	\$28,283,216	\$6,751,147	\$42,277	\$1,393	
2006/2007	\$5,342,848	\$30,623,595	\$8,725,817	\$45,503	\$1,596	
2007/2008	\$5,176,957	\$28,415,489	\$8,710,402	\$44,330	\$1,601	
2008/2009	\$5,183,765	\$27,157,163	\$8,531,882	\$40,473	\$1,374	
5-yr avg	\$4,991,299	\$29,481,259	\$8,126,140	\$44,047	\$1,497	

Gulf of Mexico migratory group king mackerel quota and landings (from SEDAR 16 SAR – SECTION I, Table 2.5.3, March 2009, with updates from ALS).

Fishing year	ABC Range	TAC	Rec Allocation	Coml quota	ALS	Annual Harvest Levels, SEDAR		
						Com	Rec	Total
1986/1987	1.2-2.9	2.90	1.97	0.93	1.47	1.47	3.27	4.74
1987/1988	0.6-2.7	2.20	1.50	0.70	0.87	0.87	2.15	3.01
1988/1989	0.5-4.3	3.40	2.31	1.09	1.41	1.41	5.28	6.68
1989/1990	2.7-5.8	4.25	2.89	1.36	1.95	1.95	3.36	5.31
1990/1991	3.2-5.4	4.25	2.89	1.36	1.65	1.82	3.95	5.77
1991/1992	4.0-7.0	5.75	3.91	1.84	2.12	2.12	4.77	6.89
1992/1993	4.0-10.79	7.80	5.30	2.76	3.61	3.60	6.26	9.86
1993/1994	1.9-8.17	7.80	5.30	2.50	2.60	2.57	6.15	8.72
1994/1995	1.9-8.17	7.80	5.30	2.35	2.95	2.90	7.95	10.85
1995/1996	1.9-8.17	7.80	5.30	2.50	2.66	2.65	6.27	8.91
1996/1997	4.7-8.8	7.80	5.30	2.50	2.78	2.86	6.93	9.80
1997/1998	6.0-13.7	10.60	7.21	3.39	3.47	3.45	6.63	10.08
1998/1999	7.1-10.8	10.60	7.21	3.39	3.91	3.90	5.24	9.13
1999/2000	8.0-12.5	10.60	7.21	3.39	3.07	2.95	4.07	7.02
2000/2001	5.5-8.8	10.20	6.94	3.26	3.08	3.08	5.06	8.14
2001/2002	5.3-9.6	10.20	6.94	3.26	2.93	2.93	5.16	8.10
2002/2003	5.3-9.6	10.20	6.94	3.26	3.23	3.13	4.76	7.89
2003/2004	5.3-9.6	10.20	6.94	3.26	3.18	2.76	4.30	7.05
2004/2005	5.3-9.6	10.20	6.94	3.26	3.23	2.90	3.26	6.16
2005/2006	5.3-9.6	10.20	6.94	3.26	3.02	2.69	3.32	6.00
2006/2007				3.26	3.23			
2007/2008				3.26	3.49			
2008/2009				3.26	1.70			

Gulf migratory group Spanish mackerel, landings (rd wt) and 2008\$, in thousands (ALS data).					
Fishing year	Q	\$	\$/lb	2008\$	2008\$/lb
1981/1982	4,479	\$1,432	\$0.32	\$2,751	\$0.61
1982/1983	3,074	\$969	\$0.32	\$1,838	\$0.60
1983/1984	2,787	\$821	\$0.29	\$1,524	\$0.55
1984/1985	3,536	\$1,084	\$0.31	\$1,990	\$0.56
1985/1986	3,336	\$1,132	\$0.34	\$2,088	\$0.63
1986/1987	2,053	\$724	\$0.35	\$1,369	\$0.67
1987/1988	2,582	\$992	\$0.38	\$1,816	\$0.70
1988/1989	3,902	\$1,517	\$0.39	\$2,632	\$0.67
1989/1990	2,146	\$941	\$0.44	\$1,569	\$0.73
1990/1991	2,074	\$977	\$0.47	\$1,572	\$0.76
1991/1992	4,164	\$1,442	\$0.35	\$2,362	\$0.57
1992/1993	3,200	\$1,096	\$0.34	\$1,770	\$0.55
1993/1994	2,614	\$1,112	\$0.43	\$1,772	\$0.68
1994/1995	2,554	\$1,096	\$0.43	\$1,712	\$0.67
1995/1996	1,076	\$412	\$0.38	\$625	\$0.58
1996/1997	617	\$321	\$0.52	\$476	\$0.77
1997/1998	356	\$203	\$0.57	\$304	\$0.85
1998/1999	1,082	\$549	\$0.51	\$846	\$0.78
1999/2000	1,060	\$506	\$0.48	\$750	\$0.71
2000/2001	1,053	\$501	\$0.48	\$704	\$0.67
2001/2002	809	\$502	\$0.62	\$715	\$0.88
2002/2003	1,729	\$803	\$0.46	\$1,134	\$0.66
2003/2004	899	\$504	\$0.56	\$691	\$0.77
2004/2005	1,981	\$1,071	\$0.54	\$1,359	\$0.69
2005/2006	1,124	\$629	\$0.56	\$749	\$0.67
2006/2007	1,479	\$863	\$0.58	\$990	\$0.67
2007/2008	855	\$600	\$0.70	\$649	\$0.76
2008/2009	955	\$708	\$0.74	\$698	\$0.73
5-yr avg	1,279	\$774	\$0.62	\$889	\$0.70

Gulf migratory group Spanish mackerel, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip						
Fishing year	Vessels	Trips	Days away from port	Lbs, total	Lbs per vessel	Lbs per trip
1998/1999	304	981	1,783	796,748	2,621	812
1999/2000	343	1,140	2,015	503,639	1,468	442
2000/2001	328	1,041	1,785	532,626	1,624	512
2001/2002	323	1,190	1,834	259,134	802	218
2002/2003	324	1,064	1,848	637,648	1,968	599
2003/2004	250	813	1,366	246,680	987	303
2004/2005	253	857	1,382	836,376	3,306	976
2005/2006	188	549	1,118	373,278	1,986	680
2006/2007	195	580	1,066	245,286	1,258	423
2007/2008	169	458	771	234,659	1,389	512
2008/2009	179	606	1,018	756,315	4,225	1,248
5-yr avg	197	610	1,071	489,183	2,433	768
Fishing year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$	
1998/1999	\$595,089	\$12,588,896	\$1,637,443	\$41,411	\$1,669	
1999/2000	\$328,424	\$13,571,863	\$1,506,810	\$39,568	\$1,322	
2000/2001	\$348,752	\$13,828,722	\$1,621,477	\$42,161	\$1,558	
2001/2002	\$233,688	\$13,565,068	\$1,569,131	\$41,997	\$1,319	
2002/2003	\$381,481	\$16,416,564	\$2,029,598	\$50,668	\$1,908	
2003/2004	\$189,302	\$11,180,219	\$1,077,443	\$44,721	\$1,325	
2004/2005	\$557,708	\$10,707,067	\$1,499,341	\$42,320	\$1,750	
2005/2006	\$187,971	\$9,184,831	\$1,019,429	\$48,855	\$1,857	
2006/2007	\$165,320	\$10,047,483	\$1,034,176	\$51,526	\$1,783	
2007/2008	\$138,309	\$7,424,931	\$744,262	\$43,935	\$1,625	
2008/2009	\$508,010	\$7,660,001	\$1,310,460	\$42,793	\$2,162	
5-yr avg	\$311,464	\$9,004,863	\$1,121,534	\$45,886	\$1,835	

Gulf of Mexico migratory group Spanish mackerel quota MSAP 2002, draft, Table 4, with updates from ALS).

Fishing year	ABC Range	TAC	Rec Alloc	Com quota	ALS	Annual Harvest Levels, MSAP		
						Com	Rec	Total
1987/1988	1.9 - 4.0	2.50	1.08	1.42	2.58	2.58	3.12	5.71
1988/1989	1.9 - 7.1	5.00	2.15	2.85	3.90	3.90	2.18	6.08
1989/1990	4.9 - 6.5	5.25	2.26	2.99	2.15	2.15	1.86	4.00
1990/1991	3.9 - 7.4	5.25	2.26	2.99	2.07	2.07	2.14	4.21
1991/1992	7.1 - 12.2	8.60	3.70	4.90	4.16	4.16	2.89	7.05
1992/1993	5.1 - 9.8	8.60	3.70	4.90	3.20	3.11	3.13	6.24
1993/1994	4.7 - 8.7	8.60	3.70	4.90	2.61	2.61	2.70	5.31
1994/1995	4.4 - 8.7	8.60	3.70	4.90	2.55	2.54	1.56	4.10
1995/1996	4.0 - 10.7	8.60	3.70	4.90	1.08	1.08	1.58	2.65
1996/1997	1.6 - 9.5	7.00	3.01	3.99	0.62	0.62	2.04	2.66
1997/1998	5.5 - 13.9	7.00	3.01	3.99	0.36	0.36	2.46	2.81
1998/1999	7.3-14.1	7.00	3.01	3.99	1.08	1.07	2.08	3.15
1999/2000	9.1 - 17.1	9.10	3.90	5.20	1.06	1.06	3.36	4.41
2000/2001	9.1 - 17.1	9.10	3.90	5.20	1.05	1.04	2.96	4.00
2001/2002				5.20	0.81			
2002/2003				5.20	1.73			
2003/2004				5.20	0.90			
2004/2005				5.20	1.98			
2005/2006				5.20	1.12			
2006/2007				5.20	1.48			
2007/2008				5.20	0.86			
2008/2009				5.20	0.96			

Barracuda landings in pounds (rd wt) and 2008\$, in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	.	.	4	4	1	.	1	6	\$2	\$0.14	\$0.27
1982	.	2	2	4	1	.	1	5	\$2	\$0.23	\$0.43
1983	.	.	1	1	0	.	0	1	\$0	\$0.18	\$0.33
1984	.	0	5	5	0	.	0	6	\$6	\$0.54	\$0.98
1985	.	0	14	15	.	.	.	15	\$16	\$0.60	\$1.10
1986	.	0	.	0	.	.	.	0	\$0	\$0.59	\$1.12
1987	.	0	.	0	.	0	0	0	\$0	\$0.32	\$0.59
1988	.	0	.	0	.	0	0	0	\$0	\$0.38	\$0.67
1989	.	1	.	1	.	0	0	1	\$1	\$0.30	\$0.51
1990	.	0	.	0	.	0	0	1	\$0	\$0.42	\$0.69
1991	.	1	15	16	3	0	3	19	\$15	\$0.48	\$0.78
1992	.	2	35	37	2	1	3	40	\$23	\$0.35	\$0.56
1993	.	4	86	89	7	5	12	102	\$43	\$0.27	\$0.42
1994	.	5	159	164	2	4	6	170	\$100	\$0.37	\$0.59
1995	.	4	147	152	2	7	9	160	\$119	\$0.49	\$0.74
1996	.	6	235	241	2	3	5	246	\$186	\$0.51	\$0.76
1997	.	5	138	143	3	3	6	149	\$99	\$0.45	\$0.66
1998	.	8	176	184	2	3	5	189	\$145	\$0.50	\$0.77
1999	.	5	115	119	7	5	12	131	\$130	\$0.66	\$1.00
2000	.	8	116	124	4	2	6	130	\$121	\$0.65	\$0.93
2001	.	9	120	128	7	1	9	137	\$112	\$0.58	\$0.82
2002	.	9	114	123	14	2	16	139	\$122	\$0.60	\$0.87
2003	.	7	108	114	12	7	19	133	\$113	\$0.62	\$0.85
2004	.	5	96	101	11	5	17	118	\$104	\$0.69	\$0.89
2005	.	8	94	102	21	3	24	126	\$109	\$0.70	\$0.86
2006	.	8	84	92	9	5	14	106	\$94	\$0.77	\$0.89
2007	.	9	101	110	10	9	18	129	\$121	\$0.85	\$0.94
2008	.	8	82	90	8	4	12	102	\$82	\$0.81	\$0.80
5-yr avg	.	8	91	99	12	5	17	116	\$102	\$0.76	\$0.88

Barracuda, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	102	440	21,134	207	48
1994	122	557	23,994	197	43
1995	129	592	27,126	210	46
1996	148	764	55,065	372	72
1997	136	687	38,964	287	57
1998	155	1244	59,392	383	48
1999	138	919	40,876	296	44
2000	274	2269	80,253	293	35
2001	286	2751	90,269	316	33
2002	267	2842	118,612	444	42
2003	328	2655	128,598	392	48
2004	306	2077	92,537	302	45
2005	276	1974	95,702	347	48
2006	287	1922	69,954	244	36
2007	289	2140	73,090	253	34
2008	322	2069	59,588	185	29
5-yr avg	296	2,036	78,174	266	38
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$9,899	\$5,907,141	\$767,502	\$57,913	\$1,744
1994	\$14,319	\$7,053,357	\$906,478	\$57,814	\$1,627
1995	\$20,233	\$7,924,950	\$1,168,225	\$61,434	\$1,973
1996	\$41,082	\$8,500,703	\$1,345,111	\$57,437	\$1,761
1997	\$28,667	\$8,769,561	\$1,435,086	\$64,482	\$2,089
1998	\$46,106	\$9,931,793	\$1,673,212	\$64,076	\$1,345
1999	\$39,781	\$9,805,901	\$1,244,413	\$71,057	\$1,354
2000	\$75,155	\$16,731,672	\$2,700,943	\$61,064	\$1,190
2001	\$73,949	\$16,163,161	\$2,894,237	\$56,515	\$1,052
2002	\$105,088	\$14,646,732	\$3,111,503	\$54,857	\$1,095
2003	\$109,731	\$19,845,165	\$3,357,646	\$60,504	\$1,265
2004	\$82,668	\$15,524,661	\$2,506,237	\$50,734	\$1,207
2005	\$81,999	\$13,786,976	\$2,835,343	\$49,953	\$1,436
2006	\$60,426	\$16,854,047	\$2,698,137	\$58,725	\$1,404
2007	\$66,440	\$14,058,732	\$2,234,826	\$48,646	\$1,044
2008	\$46,683	\$14,677,567	\$2,052,081	\$45,583	\$992
5-yr avg	\$67,643	\$14,980,397	\$2,465,325	\$50,728	\$1,217

Bluefish landings in pounds (rd wt) and 2008\$, in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb	S. Atl
1981	6,744	6,614	2,158	15,516	777	11	788	16,304	\$6,142	\$0.19	\$0.38	8,772
1982	7,940	4,302	2,008	14,251	1,158	11	1,169	15,419	\$6,566	\$0.22	\$0.43	6,310
1983	6,563	6,759	1,499	14,820	725	4	728	15,549	\$4,389	\$0.15	\$0.28	8,258
1984	6,067	3,562	1,585	11,215	588	19	607	11,822	\$3,875	\$0.18	\$0.33	5,147
1985	8,644	3,606	636	12,887	564	4	568	13,454	\$4,263	\$0.17	\$0.32	4,242
1986	9,219	3,461	1,165	13,845	457	18	476	14,321	\$4,634	\$0.17	\$0.32	4,626
1987	7,386	4,567	1,548	13,501	445	32	477	13,978	\$5,669	\$0.22	\$0.41	6,115
1988	8,815	5,045	1,316	15,177	708	20	728	15,905	\$4,973	\$0.18	\$0.31	6,361
1989	5,393	3,294	1,000	9,687	512	73	584	10,272	\$3,631	\$0.21	\$0.35	4,294
1990	8,114	4,580	1,078	13,772	386	121	507	14,279	\$5,407	\$0.23	\$0.38	5,658
1991	8,178	3,921	1,482	13,581	378	70	447	14,029	\$4,695	\$0.21	\$0.33	5,403
1992	7,546	2,842	1,091	11,479	314	44	358	11,837	\$4,380	\$0.23	\$0.37	3,933
1993	6,153	2,706	1,214	10,073	173	16	189	10,263	\$4,981	\$0.30	\$0.49	3,920
1994	6,771	1,790	933	9,494	239	19	258	9,753	\$4,627	\$0.30	\$0.47	2,723
1995	4,484	3,012	504	8,000	256	47	303	8,303	\$4,551	\$0.36	\$0.55	3,516
1996	5,852	3,301	134	9,287	88	53	141	9,428	\$4,240	\$0.30	\$0.45	3,435
1997	4,771	6,489	284	11,545	96	43	139	11,684	\$5,218	\$0.30	\$0.45	6,773
1998	4,977	4,891	341	10,209	31	26	57	10,266	\$4,941	\$0.32	\$0.48	5,232
1999	4,235	5,031	346	9,612	53	51	104	9,716	\$5,387	\$0.36	\$0.55	5,377
2000	4,535	6,334	141	11,010	66	28	94	11,104	\$5,524	\$0.35	\$0.50	6,475
2001	4,492	7,624	138	12,254	26	75	102	12,356	\$5,271	\$0.30	\$0.43	7,762
2002	4,463	4,293	81	8,837	52	71	123	8,960	\$4,562	\$0.35	\$0.51	4,374
2003	3,835	6,382	98	10,315	29	82	111	10,426	\$3,776	\$0.26	\$0.36	6,480
2004	4,183	7,127	121	11,431	18	105	124	11,555	\$3,974	\$0.26	\$0.34	7,248
2005	4,085	5,311	155	9,552	25	103	127	9,679	\$3,940	\$0.34	\$0.41	5,466
2006	3,814	5,317	99	9,230	31	104	136	9,366	\$3,685	\$0.34	\$0.39	5,416
2007	5,011	4,336	168	9,514	21	131	152	9,666	\$3,785	\$0.36	\$0.39	4,504
2008	3,899	3,611	270	7,780	26	156	181	7,962	\$3,536	\$0.45	\$0.44	3,881
5-yr Avg	4,198	5,140	163	9,501	24	120	144	9,646	\$3,784	\$0.35	\$0.39	5,303

Bluefish, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip

Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	158	395	48,392	306	123
1994	160	424	40,543	253	96
1995	173	406	82,926	479	204
1996	171	412	129,348	756	314
1997	141	382	109,249	775	286
1998	340	1828	452,679	1331	248
1999	315	1676	381,881	1212	228
2000	272	1397	647,030	2379	463
2001	283	1419	610,356	2157	430
2002	258	1413	320,046	1240	227
2003	278	1519	361,419	1300	238
2004	244	1353	386,714	1585	286
2005	261	1538	382,562	1466	249
2006	220	1499	396,801	1804	265
2007	228	1653	299,097	1312	181
2008	267	1487	238,234	892	160
5-yr avg	244	1,506	340,682	1,412	228
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$26,235	\$8,635,264	\$749,706	\$54,654	\$1,898
1994	\$22,558	\$8,836,328	\$876,377	\$55,227	\$2,067
1995	\$42,108	\$12,053,180	\$1,330,102	\$69,672	\$3,276
1996	\$56,416	\$11,289,130	\$1,072,374	\$66,018	\$2,603
1997	\$50,650	\$11,076,665	\$1,044,852	\$78,558	\$2,735
1998	\$218,211	\$20,022,962	\$2,771,438	\$58,891	\$1,516
1999	\$180,372	\$21,142,848	\$3,202,854	\$67,120	\$1,911
2000	\$316,331	\$16,470,413	\$2,283,331	\$60,553	\$1,634
2001	\$240,682	\$14,166,327	\$2,264,363	\$50,058	\$1,596
2002	\$157,571	\$16,426,410	\$2,305,007	\$63,668	\$1,631
2003	\$120,815	\$15,683,791	\$1,920,209	\$56,417	\$1,264
2004	\$126,300	\$13,368,351	\$1,655,445	\$54,788	\$1,224
2005	\$137,720	\$12,687,638	\$1,735,644	\$48,612	\$1,129
2006	\$141,704	\$9,765,919	\$1,518,997	\$44,391	\$1,013
2007	\$97,678	\$12,541,556	\$1,856,223	\$55,007	\$1,123
2008	\$80,666	\$14,248,793	\$1,816,197	\$53,366	\$1,221
5-yr avg	\$116,814	\$12,522,451	\$1,716,501	\$51,233	\$1,142

Bonito landings in pounds (rd wt) and 2008\$, in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	173	4	79	256	156	372	528	784	\$319	\$0.21	\$0.41
1982	101	31	70	202	244	10	254	456	\$167	\$0.19	\$0.37
1983	201	11	28	240	319	5	324	565	\$199	\$0.19	\$0.35
1984	235	1	38	274	76	4	80	354	\$152	\$0.23	\$0.43
1985	138	1	5	144	96	1	97	241	\$110	\$0.25	\$0.46
1986	114	1	4	119	95	.	95	214	\$126	\$0.31	\$0.59
1987	146	7	129	282	93	7	100	382	\$156	\$0.22	\$0.41
1988	195	3	56	254	256	3	259	513	\$335	\$0.37	\$0.65
1989	268	4	148	421	170	2	172	594	\$318	\$0.32	\$0.54
1990	179	4	18	201	414	6	420	621	\$331	\$0.32	\$0.53
1991	187	5	17	209	667	3	670	879	\$446	\$0.31	\$0.51
1992	499	12	51	562	1,003	0	1,003	1,565	\$856	\$0.34	\$0.55
1993	205	16	91	312	550	2	552	863	\$429	\$0.31	\$0.50
1994	280	37	81	399	1,335	39	1,374	1,773	\$918	\$0.33	\$0.52
1995	191	35	.	226	.	2	2	228	\$244	\$0.71	\$1.07
1996	247	16	.	263	.	1	1	264	\$303	\$0.77	\$1.15
1997	288	49	.	337	.	22	22	359	\$361	\$0.67	\$1.01
1998	160	31	.	191	.	3	3	194	\$251	\$0.85	\$1.29
1999	158	35	.	194	.	4	4	198	\$277	\$0.93	\$1.40
2000	92	20	.	112	.	3	3	115	\$203	\$1.24	\$1.77
2001	80	19	.	99	.	9	9	109	\$207	\$1.34	\$1.90
2002	32	20	.	52	.	0	0	52	\$100	\$1.32	\$1.91
2003	32	44	.	76	.	0	0	77	\$110	\$1.04	\$1.43
2004	62	20	.	81	.	0	0	81	\$144	\$1.37	\$1.76
2005	88	13	.	101	.	1	1	102	\$165	\$1.33	\$1.62
2006	41	18	.	59	.	4	4	64	\$98	\$1.35	\$1.54
2007	98	22	.	120	.	3	3	123	\$221	\$1.64	\$1.79
2008	40	27	.	68	.	2	2	69	\$126	\$1.91	\$1.82
5-yr avg	66	20	.	86	.	2	2	88	\$151	\$1.52	\$1.71

Bonito, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	81	270	16,212	200	60
1994	78	302	22,115	284	73
1995	72	221	12,223	170	55
1996	88	334	21,711	247	65
1997	91	309	21,979	242	71
1998	79	214	13,456	170	63
1999	64	281	13,704	214	49
2000	72	243	23,553	327	97
2001	67	231	20,303	303	88
2002	62	172	14,538	234	85
2003	82	246	26,074	318	106
2004	84	285	17,056	203	60
2005	59	117	7,299	124	62
2006	68	222	22,912	337	103
2007	55	120	12,468	227	104
2008	53	149	9,070	171	61
5-yr avg	64	179	13,761	212	78
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gross (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$5,598	\$3,726,679	\$377,995	\$46,008	\$1,400
1994	\$8,198	\$2,708,466	\$320,888	\$34,724	\$1,063
1995	\$3,777	\$2,378,760	\$168,643	\$33,038	\$763
1996	\$8,060	\$2,655,403	\$250,246	\$30,175	\$749
1997	\$8,876	\$4,416,558	\$322,782	\$48,534	\$1,045
1998	\$18,752	\$5,128,005	\$396,933	\$64,911	\$1,855
1999	\$16,194	\$4,614,104	\$336,184	\$72,095	\$1,196
2000	\$31,913	\$4,975,196	\$378,054	\$69,100	\$1,556
2001	\$11,391	\$4,787,643	\$282,243	\$71,457	\$1,222
2002	\$14,756	\$4,186,443	\$218,110	\$67,523	\$1,268
2003	\$24,027	\$4,977,436	\$424,723	\$60,700	\$1,727
2004	\$21,192	\$4,492,504	\$263,222	\$53,482	\$924
2005	\$5,510	\$4,465,937	\$228,851	\$75,694	\$1,956
2006	\$21,680	\$4,119,830	\$341,225	\$60,586	\$1,537
2007	\$13,817	\$3,691,656	\$343,527	\$67,121	\$2,863
2008	\$10,383	\$3,642,747	\$352,300	\$68,731	\$2,364
5-yr avg	\$14,516	\$4,082,535	\$305,825	\$65,123	\$1,929

Cero mackerel, CFL data, landings for years (pounds, rd wt, ex-vessel value in 2008 dollars), numbers of vessels and trips with landings of the selected species (criteria, pounds > 0), and Avg pounds and 2008 dollars per vessel and trip

Year	Vessels	Trips	Lbs, total	Avg pounds per vessel	Avg pounds per trip
1996	6	14	76	13	5
1997	65	143	2,335	36	16
1998	146	407	15,793	108	39
1999	159	411	13,882	87	34
2000	150	429	13,454	90	31
2001	71	223	7,834	110	35
2002	62	203	5,258	85	26
2003	53	140	8,470	160	61
2004	39	148	1,125	29	8
2005	39	138	1,662	43	12
2006	33	60	1,283	39	21
2007	20	86	2,061	103	24
2008	11	80	1,382	126	17
5-yr avg	28	102	1,503	68	16
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1996	\$132	\$28,682	\$3,147	\$4,780	\$225
1997	\$4,573	\$1,564,862	\$78,448	\$24,075	\$549
1998	\$31,777	\$4,271,528	\$439,828	\$29,257	\$1,081
1999	\$29,260	\$4,225,929	\$379,524	\$26,578	\$923
2000	\$27,540	\$3,587,651	\$325,836	\$23,918	\$760
2001	\$15,827	\$1,197,439	\$98,666	\$16,865	\$442
2002	\$10,070	\$1,709,563	\$114,214	\$27,574	\$563
2003	\$12,379	\$985,407	\$90,027	\$18,593	\$643
2004	\$1,615	\$641,311	\$86,073	\$16,444	\$582
2005	\$3,055	\$704,010	\$116,992	\$18,052	\$848
2006	\$2,526	\$532,697	\$24,466	\$16,142	\$408
2007	\$4,527	\$254,631	\$22,807	\$12,732	\$265
2008	\$2,496	\$165,717	\$12,145	\$15,065	\$152
5-yr avg	\$2,844	\$459,673	\$52,497	\$15,687	\$451

Cobia landings in pounds (rd wt) and 2008\$ in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	1	17	25	43	100	18	118	161	\$150	\$0.48	\$0.93
1982	2	29	17	48	85	26	110	158	\$156	\$0.52	\$0.98
1983	1	17	18	36	111	22	132	169	\$193	\$0.61	\$1.14
1984	2	12	18	32	115	27	142	174	\$216	\$0.67	\$1.24
1985	3	9	17	29	105	31	136	165	\$248	\$0.82	\$1.50
1986	1	25	34	60	93	67	160	220	\$358	\$0.86	\$1.63
1987	1	40	58	99	110	64	175	274	\$497	\$0.98	\$1.82
1988	6	23	73	101	103	57	161	262	\$510	\$1.10	\$1.95
1989	11	22	93	127	126	84	210	337	\$666	\$1.17	\$1.98
1990	18	25	80	123	106	55	161	284	\$603	\$1.29	\$2.12
1991	15	29	97	141	131	46	177	318	\$702	\$1.35	\$2.21
1992	9	28	108	145	163	76	239	384	\$908	\$1.46	\$2.37
1993	2	32	92	126	171	90	261	387	\$935	\$1.51	\$2.41
1994	8	39	88	135	148	115	264	399	\$991	\$1.57	\$2.48
1995	25	43	90	158	158	83	241	399	\$1,027	\$1.69	\$2.58
1996	24	39	104	166	179	85	265	431	\$1,127	\$1.76	\$2.62
1997	16	62	91	169	138	73	211	380	\$981	\$1.73	\$2.58
1998	17	36	84	137	140	65	205	342	\$966	\$1.85	\$2.82
1999	9	22	93	124	128	64	192	316	\$933	\$1.94	\$2.95
2000	11	46	59	115	96	57	153	268	\$721	\$1.87	\$2.69
2001	11	42	65	119	74	38	112	231	\$627	\$1.92	\$2.71
2002	14	39	61	114	81	41	122	237	\$676	\$1.97	\$2.85
2003	8	36	53	97	110	31	142	239	\$690	\$2.09	\$2.89
2004	8	34	62	104	89	28	117	221	\$614	\$2.13	\$2.78
2005	7	30	37	74	72	28	100	174	\$445	\$2.10	\$2.56
2006	6	35	58	99	63	30	93	192	\$462	\$2.08	\$2.40
2007	8	34	61	103	71	15	86	189	\$501	\$2.40	\$2.65
2008	7	39	56	103	65	17	82	185	\$437	\$2.36	\$2.36
5-yr avg	7	34	55	97	72	24	96	192	\$492	\$2.21	\$2.55

Cobia, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	794	2278	116,765	147	51
1994	862	2536	143,529	167	57
1995	802	2449	145,388	181	59
1996	810	2662	154,693	191	58
1997	814	2587	144,973	178	56
1998	905	2841	158,072	175	56
1999	801	2778	159,706	199	57
2000	792	2670	159,882	202	60
2001	784	2628	126,428	161	48
2002	886	2946	141,108	159	48
2003	785	2614	130,714	167	50
2004	753	2345	126,891	169	54
2005	631	1962	93,316	148	48
2006	660	2280	105,648	160	46
2007	661	2084	92,338	140	44
2008	738	2151	102,528	139	48
5-yr avg	689	2,164	104,144	151	48
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$284,727	\$48,021,985	\$9,384,442	\$60,481	\$4,120
1994	\$368,018	\$54,562,372	\$10,669,788	\$63,297	\$4,207
1995	\$378,844	\$53,316,242	\$10,523,969	\$66,479	\$4,297
1996	\$413,847	\$53,401,475	\$10,587,378	\$65,928	\$3,977
1997	\$392,179	\$57,847,639	\$11,497,793	\$71,066	\$4,444
1998	\$448,081	\$67,921,096	\$12,070,802	\$75,051	\$4,249
1999	\$462,861	\$67,204,070	\$13,905,270	\$83,900	\$5,005
2000	\$430,698	\$67,639,840	\$13,056,737	\$85,404	\$4,890
2001	\$349,149	\$68,530,794	\$12,977,244	\$87,412	\$4,938
2002	\$404,109	\$74,765,132	\$15,288,406	\$84,385	\$5,190
2003	\$376,270	\$65,732,560	\$14,446,943	\$83,736	\$5,527
2004	\$351,733	\$64,953,008	\$13,042,495	\$86,259	\$5,562
2005	\$237,865	\$54,157,811	\$10,631,102	\$85,829	\$5,419
2006	\$260,234	\$56,787,456	\$11,763,103	\$86,042	\$5,159
2007	\$242,852	\$52,552,751	\$11,126,275	\$79,505	\$5,339
2008	\$245,832	\$52,432,551	\$10,859,285	\$71,047	\$5,048
5-yr avg	\$267,703	\$56,176,715	\$11,484,452	\$81,736	\$5,305

Dolphin (Mahi-mahi) landings in pounds (rd wt) and 2008\$ in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	.	14	45	59	73	.	73	132	\$189	\$0.74	\$1.43
1982	0	64	80	144	162	.	162	307	\$457	\$0.79	\$1.49
1983	2	66	62	130	191	.	191	321	\$487	\$0.81	\$1.52
1984	2	77	82	161	283	0	283	444	\$732	\$0.90	\$1.65
1985	10	74	68	152	260	10	270	422	\$824	\$1.06	\$1.95
1986	5	62	128	194	448	44	492	687	\$1,315	\$1.00	\$1.91
1987	14	98	115	227	325	78	404	631	\$1,394	\$1.20	\$2.21
1988	44	95	118	257	327	172	499	756	\$1,628	\$1.22	\$2.15
1989	97	174	252	523	625	404	1,030	1,553	\$2,857	\$1.09	\$1.84
1990	83	176	336	596	700	399	1,099	1,695	\$2,927	\$1.05	\$1.73
1991	101	250	401	751	1,060	615	1,675	2,426	\$4,559	\$1.15	\$1.88
1992	81	138	193	413	396	360	756	1,169	\$2,129	\$1.13	\$1.82
1993	121	253	267	642	400	197	597	1,239	\$2,518	\$1.28	\$2.03
1994	113	277	342	732	553	127	680	1,412	\$3,371	\$1.51	\$2.39
1995	212	669	496	1,377	910	268	1,177	2,554	\$5,507	\$1.42	\$2.16
1996	56	281	268	605	743	304	1,047	1,652	\$3,547	\$1.45	\$2.15
1997	119	685	364	1,169	720	269	990	2,158	\$3,881	\$1.20	\$1.80
1998	99	337	208	644	349	73	423	1,067	\$2,433	\$1.50	\$2.28
1999	105	338	208	652	471	142	612	1,264	\$2,951	\$1.54	\$2.33
2000	43	335	266	644	450	132	583	1,226	\$2,423	\$1.38	\$1.98
2001	81	371	206	658	260	109	369	1,027	\$1,709	\$1.18	\$1.66
2002	136	331	180	647	194	97	291	937	\$1,845	\$1.36	\$1.97
2003	69	357	210	635	239	72	311	946	\$2,058	\$1.58	\$2.17
2004	67	590	178	836	304	133	437	1,272	\$2,532	\$1.54	\$1.99
2005	43	325	170	538	177	31	208	746	\$1,599	\$1.75	\$2.14
2006	48	357	212	618	185	41	225	843	\$1,688	\$1.75	\$2.00
2007	141	755	311	1,206	261	110	371	1,577	\$3,209	\$1.86	\$2.03
2008	74	596	302	973	335	49	384	1,357	\$2,452	\$1.88	\$1.81
5-yr avg	75	525	235	834	252	73	325	1,159	\$2,296	\$1.76	\$1.99

Dolphin, PLL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 1), and pounds and 2008\$ per vessel and trip						
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip	
1985	108	471	48,192	446	102	
1986	97	486	59,872	617	123	
1987	151	632	70,315	466	111	
1988	249	1,161	158,524	637	137	
1989	288	1,496	291,979	1,014	195	
1990	294	1,610	505,848	1,721	314	
1991	259	1,639	679,578	2,624	415	
1992	262	1,943	546,434	2,086	281	
1993	263	1,956	510,360	1,941	261	
1994	268	1,888	625,121	2,333	331	
1995	294	2,337	1,421,092	4,834	608	
1996	277	2,148	887,165	3,203	413	
1997	266	2,138	1,251,251	4,704	585	
1998	229	1,580	426,574	1,863	270	
1999	211	1,678	622,141	2,949	371	
2000	186	1,428	526,824	2,832	369	
2001	159	1,282	522,764	3,288	408	
2002	164	1,283	576,203	3,513	449	
2003	134	1,099	558,949	4,171	509	
2004	133	1,191	646,164	4,858	543	
2005	121	805	461,749	3,816	574	
2006	109	808	511,151	4,689	633	
2007	128	1,032	1,172,556	9,161	1,136	
2008	130	1,031	901,862	6,937	875	
5-yr avg	124	973	738,696	5,892	752	

Dolphin, PLL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 1), and pounds and 2008\$ per vessel and trip.

Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gross (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1985	\$93,539	\$26,648,941	\$9,587,068	\$246,749	\$20,355
1986	\$111,751	\$30,281,562	\$10,804,037	\$312,181	\$22,231
1987	\$150,042	\$54,953,240	\$18,963,437	\$363,929	\$30,005
1988	\$351,507	\$75,122,522	\$32,355,511	\$301,697	\$27,869
1989	\$448,474	\$69,070,153	\$36,385,423	\$239,827	\$24,322
1990	\$704,529	\$68,186,403	\$37,609,027	\$231,927	\$23,360
1991	\$1,135,817	\$71,435,316	\$37,399,666	\$275,812	\$22,819
1992	\$923,488	\$80,534,840	\$43,391,786	\$307,385	\$22,332
1993	\$965,483	\$73,171,688	\$39,110,839	\$278,219	\$19,995
1994	\$1,399,908	\$71,436,422	\$38,151,428	\$266,554	\$20,207
1995	\$2,976,532	\$87,431,688	\$47,501,932	\$297,387	\$20,326
1996	\$1,836,269	\$69,981,772	\$36,449,970	\$252,642	\$16,969
1997	\$2,216,889	\$71,144,364	\$40,116,412	\$267,460	\$18,764
1998	\$922,246	\$50,252,275	\$27,022,442	\$219,442	\$17,103
1999	\$1,358,165	\$57,245,098	\$31,999,845	\$271,304	\$19,070
2000	\$1,049,121	\$55,250,823	\$31,956,838	\$297,047	\$22,379
2001	\$860,992	\$41,231,296	\$26,340,485	\$259,316	\$20,546
2002	\$1,041,645	\$48,280,004	\$32,222,302	\$294,390	\$25,115
2003	\$1,155,948	\$41,399,577	\$24,979,522	\$308,952	\$22,729
2004	\$1,275,967	\$45,194,668	\$27,053,757	\$339,810	\$22,715
2005	\$1,001,855	\$33,138,201	\$16,409,353	\$273,869	\$20,384
2006	\$1,018,656	\$30,637,479	\$17,524,146	\$281,078	\$21,688
2007	\$2,389,987	\$36,338,731	\$22,040,586	\$283,896	\$21,357
2008	\$1,662,628	\$27,027,649	\$17,744,724	\$207,905	\$17,211
5-yr avg	\$1,469,819	\$20,154,513	\$20,154,513	\$277,312	\$20,671

Dolphin, Coastal Fisheries Logbook data, landings for years (pounds, rd wt, ex-vessel value in 2008 dollars), numbers of vessels and trips with landings of the selected species (criteria, pounds > 0), and Avg pounds and 2008 dollars per vessel and trip

Year	Vessels	Trips	Lbs, total	Avg pounds per vessel	Avg pounds per trip
1993	649	2,617	195,499	301	75
1994	800	3,454	256,942	321	74
1995	855	4,214	436,661	511	104
1996	841	3,263	282,525	336	87
1997	903	3,819	415,366	460	109
1998	805	2,979	220,282	274	74
1999	882	3,784	404,437	459	107
2000	895	4,037	318,247	356	79
2001	881	3,519	218,868	248	62
2002	815	3,462	191,904	235	55
2003	741	2,647	191,165	258	72
2004	693	2,515	202,805	293	81
2005	598	2,098	130,623	218	62
2006	663	2,559	251,567	379	98
2007	711	2,721	292,579	412	108
2008	720	2,645	342,981	476	130
5-yr avg	677	2,508	244,111	356	96
Year	Value, selected species, 2008\$	Vessel gross (all species landed), 2008\$	Trip gr (all species landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$405,089	\$39,031,551	\$7,620,094	\$60,141	\$2,912
1994	\$619,714	\$49,255,036	\$10,458,675	\$61,569	\$3,028
1995	\$954,366	\$50,276,553	\$13,017,683	\$58,803	\$3,089
1996	\$621,276	\$47,082,027	\$9,453,669	\$55,983	\$2,897
1997	\$751,296	\$53,597,335	\$11,264,824	\$59,355	\$2,950
1998	\$496,897	\$50,715,192	\$8,353,672	\$63,000	\$2,804
1999	\$936,158	\$54,638,965	\$10,163,195	\$61,949	\$2,686
2000	\$612,935	\$57,463,199	\$10,486,921	\$64,205	\$2,598
2001	\$365,163	\$57,593,025	\$10,452,695	\$65,372	\$2,970
2002	\$361,190	\$58,364,388	\$9,924,982	\$71,613	\$2,867
2003	\$392,339	\$48,533,804	\$8,424,557	\$65,498	\$3,183
2004	\$430,065	\$46,629,431	\$7,180,972	\$67,286	\$2,855
2005	\$271,702	\$38,134,689	\$6,222,862	\$63,770	\$2,966
2006	\$498,766	\$41,481,074	\$7,158,339	\$62,566	\$2,797
2007	\$610,669	\$42,969,502	\$9,022,597	\$60,435	\$3,316
2008	\$631,208	\$38,864,415	\$6,837,086	\$53,978	\$2,585
5-yr avg	\$488,482	\$7,284,371	\$7,284,371	\$61,607	\$2,904

Dolphin landings (thousand pounds, rd wt), Total, Pelagic Longline logbook and Coastal Fisheries Logbook data, landings compared			
Year	Landings	PLL	CFL
1981	132		
1982	307		
1983	321		
1984	444		
1985	422	48	
1986	687	60	
1987	631	70	
1988	756	159	
1989	1,553	292	
1990	1,695	506	
1991	2,426	680	
1992	1,169	546	195
1993	1,239	510	257
1994	1,412	625	437
1995	2,554	1,421	283
1996	1,652	887	415
1997	2,158	1,251	220
1998	1,067	427	404
1999	1,264	622	318
2000	1,226	527	219
2001	1,027	523	192
2002	937	576	191
2003	946	559	203
2004	1,272	646	131
2005	746	462	252
2006	843	511	293
2007	1,577	1,173	343
2008	1,357	902	376
5-yr avg	1,159	739	279

Little tunny landings in pounds (rd wt) and 2008\$ in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	104	16	0	121	.	77	77	198	\$88	\$0.23	\$0.45
1982	240	18	.	258	.	128	128	386	\$148	\$0.20	\$0.38
1983	150	56	.	206	.	53	53	259	\$67	\$0.14	\$0.26
1984	86	73	0	159	.	28	28	187	\$64	\$0.19	\$0.34
1985	86	75	2	163	0	13	13	176	\$54	\$0.16	\$0.30
1986	48	78	.	126	.	92	92	218	\$99	\$0.24	\$0.45
1987	8	151	.	159	.	104	104	263	\$60	\$0.12	\$0.23
1988	17	109	.	126	.	234	234	360	\$73	\$0.12	\$0.20
1989	17	108	.	125	.	97	97	222	\$74	\$0.20	\$0.33
1990	24	133	.	157	.	179	179	337	\$283	\$0.51	\$0.84
1991	97	115	.	212	.	187	187	400	\$199	\$0.30	\$0.50
1992	46	178	1	224	6	1,043	1,049	1,274	\$1,616	\$0.78	\$1.27
1993	111	152	0	263	.	634	634	897	\$1,145	\$0.80	\$1.28
1994	112	207	.	319	.	63	63	382	\$138	\$0.23	\$0.36
1995	148	184	197	529	43	22	65	594	\$202	\$0.22	\$0.34
1996	52	148	124	324	189	8	197	521	\$230	\$0.30	\$0.44
1997	77	485	178	741	250	131	380	1,121	\$503	\$0.30	\$0.45
1998	122	260	157	539	123	117	240	779	\$319	\$0.27	\$0.41
1999	228	234	133	595	467	46	513	1,108	\$845	\$0.50	\$0.76
2000	147	184	116	447	98	22	120	568	\$199	\$0.25	\$0.35
2001	165	172	126	462	411	16	427	889	\$642	\$0.51	\$0.72
2002	229	155	132	516	424	34	458	974	\$301	\$0.21	\$0.31
2003	154	138	94	386	1,090	30	1,120	1,506	\$621	\$0.30	\$0.41
2004	40	154	175	369	161	36	197	566	\$184	\$0.25	\$0.33
2005	28	168	102	297	235	70	305	602	\$200	\$0.28	\$0.33
2006	42	196	182	419	247	125	372	792	\$294	\$0.32	\$0.37
2007	82	244	225	551	271	19	289	840	\$289	\$0.32	\$0.34
2008	129	186	246	562	35	47	82	643	\$235	\$0.37	\$0.37
5-yr avg	64	190	186	440	190	59	249	689	\$240	\$0.31	\$0.35

Little tunny, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	22	68	5,790	263	85
1994	44	93	12,574	286	135
1995	52	169	12,149	234	72
1996	65	169	16,778	258	99
1997	88	260	32,267	367	124
1998	114	377	59,219	519	157
1999	139	554	62,224	448	112
2000	148	703	70,929	479	101
2001	147	751	76,626	521	102
2002	178	917	67,904	381	74
2003	183	1,231	95,024	519	77
2004	166	1,102	85,481	515	78
2005	163	930	69,609	427	75
2006	189	1,062	84,660	448	80
2007	214	1,553	109,560	512	71
2008	236	1,936	118,137	501	61
5-yr avg	194	1,317	93,489	481	73
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$3,887	\$1,692,710	\$178,702	\$76,941	\$2,628
1994	\$4,155	\$3,362,299	\$405,070	\$76,416	\$4,356
1995	\$4,841	\$3,935,783	\$405,156	\$75,688	\$2,397
1996	\$7,298	\$4,207,861	\$326,817	\$64,736	\$1,934
1997	\$10,960	\$6,857,654	\$741,255	\$77,928	\$2,851
1998	\$23,008	\$8,491,407	\$914,760	\$74,486	\$2,426
1999	\$25,949	\$9,314,604	\$1,045,844	\$67,012	\$1,888
2000	\$28,167	\$10,734,008	\$1,168,286	\$72,527	\$1,662
2001	\$34,045	\$10,738,270	\$1,266,806	\$73,049	\$1,687
2002	\$25,412	\$11,341,512	\$1,296,582	\$63,716	\$1,414
2003	\$31,431	\$9,608,888	\$1,247,868	\$52,508	\$1,014
2004	\$28,656	\$8,430,142	\$1,114,380	\$50,784	\$1,011
2005	\$23,743	\$9,080,310	\$1,089,862	\$55,707	\$1,172
2006	\$31,253	\$7,674,775	\$1,108,400	\$40,607	\$1,044
2007	\$41,870	\$10,484,392	\$1,529,500	\$48,992	\$985
2008	\$44,200	\$8,863,460	\$1,772,761	\$37,557	\$916
5-yr avg	\$33,944	\$8,906,616	\$1,322,981	\$46,729	\$1,026

Blackfin Tuna landings in pounds (rd wt) and 2008\$ in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	.	.	1	1	3	243	246	247	\$231	\$0.48	\$0.94
1982	.	1	0	1	5	95	100	102	\$89	\$0.46	\$0.87
1983	.	1	1	3	5	16	21	24	\$14	\$0.31	\$0.59
1984	.	1	4	5	9	53	62	67	\$63	\$0.51	\$0.94
1985	.	3	2	5	11	18	29	34	\$43	\$0.70	\$1.29
1986	.	2	8	11	64	27	90	101	\$218	\$1.14	\$2.16
1987	.	10	35	45	38	65	103	148	\$178	\$0.65	\$1.21
1988	.	4	56	60	36	39	75	135	\$230	\$0.95	\$1.70
1989	.	4	84	89	50	55	105	194	\$223	\$0.68	\$1.15
1990	.	7	11	18	64	94	158	176	\$190	\$0.66	\$1.08
1991	.	8	15	23	56	165	221	244	\$201	\$0.50	\$0.82
1992	.	8	25	33	49	206	255	288	\$223	\$0.48	\$0.78
1993	.	10	36	46	57	258	315	361	\$437	\$0.76	\$1.21
1994	.	15	19	33	42	167	209	242	\$200	\$0.52	\$0.83
1995	.	12	24	36	28	82	110	147	\$119	\$0.53	\$0.81
1996	.	10	30	40	30	54	83	123	\$109	\$0.59	\$0.88
1997	.	21	25	46	46	64	110	156	\$167	\$0.72	\$1.07
1998	.	15	25	39	28	54	82	121	\$155	\$0.83	\$1.27
1999	.	22	18	40	35	44	79	119	\$132	\$0.73	\$1.11
2000	.	11	11	22	23	37	60	83	\$70	\$0.59	\$0.85
2001	.	11	37	48	21	27	48	96	\$159	\$1.16	\$1.66
2002	.	6	29	35	16	25	41	76	\$141	\$1.28	\$1.86
2003	.	12	27	39	15	23	37	76	\$114	\$1.09	\$1.50
2004	.	12	19	31	14	10	24	55	\$93	\$1.29	\$1.69
2005	.	7	28	35	13	7	20	55	\$127	\$1.91	\$2.32
2006	.	6	15	21	11	4	16	37	\$75	\$1.80	\$2.06
2007	.	13	3	16	8	3	11	27	\$37	\$1.27	\$1.38
2008	.	23	5	28	6	2	8	36	\$35	\$0.98	\$0.98
5-yr avg	.	12	14	26	10	5	16	42	\$73	\$1.45	\$1.69

Blackfin Tuna, PLL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 1), and pounds and 2008\$ per vessel and trip

Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1985	44	85	3,441	78	40
1986	14	17	646	46	38
1987	12	25	635	53	25
1988	36	81	6,226	173	77
1989	58	102	5,928	102	58
1990	74	146	8,754	118	60
1991	70	115	6,990	100	61
1992	105	223	18,256	174	82
1993	116	295	24,393	210	83
1994	139	361	90,246	649	250
1995	125	350	60,761	486	174
1996	122	315	55,678	456	177
1997	123	331	63,541	517	192
1998	143	312	52,349	366	168
1999	79	205	37,546	475	183
2000	69	191	37,153	538	195
2001	57	126	26,228	460	208
2002	43	126	22,769	530	181
2003	33	100	11,544	350	115
2004	35	82	13,536	387	165
2005	20	39	6,681	334	171
2006	22	39	2,611	119	67
2007	20	46	5,423	271	118
2008	26	65	6,624	255	102
5-yr avg	25	54	6,975	273	125

Blackfin Tuna landings in pounds (rd wt) and 2008\$ in thousands. “.”: missing value. “0”: < 0.5 in units shown. NC-GA may include “other” states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1985	\$5,820	\$13,204,256	\$1,580,579	\$300,097	\$18,595
1986	\$984	\$4,970,023	\$446,385	\$355,002	\$26,258
1987	\$909	\$3,545,835	\$550,349	\$295,486	\$22,014
1988	\$9,405	\$17,851,113	\$2,291,666	\$495,864	\$28,292
1989	\$8,603	\$14,766,297	\$1,901,245	\$254,591	\$18,640
1990	\$6,326	\$21,476,307	\$2,729,930	\$290,220	\$18,698
1991	\$5,368	\$23,159,583	\$2,543,139	\$330,851	\$22,114
1992	\$12,220	\$36,262,054	\$4,123,886	\$345,353	\$18,493
1993	\$28,307	\$32,402,211	\$5,412,243	\$279,329	\$18,347
1994	\$54,954	\$34,061,475	\$6,446,983	\$245,047	\$17,859
1995	\$34,714	\$30,198,257	\$5,574,082	\$241,586	\$15,926
1996	\$33,485	\$26,430,329	\$4,953,878	\$216,642	\$15,727
1997	\$54,421	\$26,925,183	\$6,298,685	\$218,904	\$19,029
1998	\$44,587	\$17,125,959	\$3,386,666	\$119,762	\$10,855
1999	\$26,457	\$17,671,160	\$3,039,175	\$223,686	\$14,825
2000	\$21,330	\$20,659,766	\$3,748,436	\$299,417	\$19,625
2001	\$15,114	\$12,692,312	\$2,148,661	\$222,672	\$17,053
2002	\$15,675	\$13,860,007	\$2,560,983	\$322,326	\$20,325
2003	\$9,675	\$8,857,275	\$1,390,890	\$268,402	\$13,909
2004	\$10,666	\$9,456,685	\$1,478,041	\$270,191	\$18,025
2005	\$4,605	\$5,269,023	\$453,272	\$263,451	\$11,622
2006	\$2,585	\$6,559,601	\$609,588	\$298,164	\$15,630
2007	\$4,731	\$6,310,236	\$779,178	\$315,512	\$16,939
2008	\$5,860	\$5,351,044	\$721,685	\$205,809	\$11,103
5-yr avg	\$5,689	\$6,589,318	\$808,353	\$270,625	\$14,664

Blackfin tuna, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	217	449	72,973	336	163
1994	258	582	82,544	320	142
1995	211	431	50,004	237	116
1996	207	356	24,899	120	70
1997	217	471	46,764	216	99
1998	218	404	40,980	188	101
1999	205	429	31,440	153	73
2000	173	359	27,372	158	76
2001	141	290	26,845	190	93
2002	149	261	12,602	85	48
2003	155	330	22,515	145	68
2004	108	186	11,140	103	60
2005	109	182	13,019	119	72
2006	100	142	9,012	90	63
2007	71	119	5,775	81	49
2008	66	84	4,448	67	53
5-yr avg	91	143	8,679	92	59
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$56,344	\$19,693,878	\$2,494,365	\$90,755	\$5,555
1994	\$64,191	\$22,274,700	\$2,988,476	\$86,336	\$5,135
1995	\$43,792	\$20,343,367	\$2,463,515	\$96,414	\$5,716
1996	\$22,671	\$18,846,834	\$1,605,317	\$91,048	\$4,509
1997	\$47,189	\$21,556,238	\$2,432,847	\$99,338	\$5,165
1998	\$40,465	\$21,842,348	\$2,001,271	\$100,194	\$4,954
1999	\$36,970	\$23,401,429	\$2,167,089	\$114,153	\$5,051
2000	\$25,976	\$20,271,487	\$1,825,374	\$117,176	\$5,085
2001	\$27,007	\$18,113,010	\$1,404,872	\$128,461	\$4,844
2002	\$16,034	\$18,310,354	\$1,705,006	\$122,888	\$6,533
2003	\$31,444	\$18,486,347	\$2,234,174	\$119,267	\$6,770
2004	\$10,475	\$12,649,905	\$1,238,892	\$117,129	\$6,661
2005	\$14,161	\$12,636,941	\$1,143,584	\$115,935	\$6,283
2006	\$7,807	\$11,580,451	\$733,374	\$115,805	\$5,165
2007	\$5,793	\$8,419,041	\$1,028,582	\$118,578	\$8,644
2008	\$4,742	\$6,016,009	\$400,254	\$91,152	\$4,765
5-yr avg	\$8,596	\$10,260,469	\$908,937	\$111,720	\$6,304

Wahoo landings in pounds (rd wt) and 2008\$ in thousands. ".": missing value. "0": < 0.5 in units shown. NC-GA may include "other" states in some years. NE: Maine-Virginia. NE included with NC-GA for barracuda & blackfin tuna (ALS and CFDBS data).

Year	NE	NC-GA	FL ec	Atlantic	Fl wc	AL-TX	Gulf	All, pounds	All, 2008\$	All, \$/lb	All, 2008\$/lb
1981	.	5	12	17	9	0	9	26	\$33	\$0.67	\$1.30
1982	.	9	12	21	9	.	9	30	\$40	\$0.72	\$1.37
1983	.	14	11	25	9	.	9	34	\$54	\$0.84	\$1.58
1984	.	14	8	22	8	.	8	30	\$49	\$0.89	\$1.63
1985	.	15	12	27	8	4	12	39	\$72	\$0.99	\$1.83
1986	.	11	10	21	21	9	30	51	\$104	\$1.07	\$2.04
1987	.	23	18	40	36	66	101	142	\$273	\$1.05	\$1.92
1988	.	27	17	44	28	208	236	280	\$494	\$1.00	\$1.76
1989	.	23	12	35	21	229	251	285	\$440	\$0.91	\$1.54
1990	.	24	19	43	37	90	128	171	\$328	\$1.17	\$1.92
1991	.	26	22	48	43	159	201	249	\$445	\$1.09	\$1.78
1992	.	30	23	53	57	263	320	373	\$644	\$1.07	\$1.72
1993	.	36	21	57	55	219	274	331	\$604	\$1.14	\$1.82
1994	20	33	15	68	40	141	181	248	\$471	\$1.20	\$1.90
1995	7	55	23	85	43	135	179	264	\$582	\$1.45	\$2.21
1996	2	37	24	63	42	127	169	232	\$495	\$1.44	\$2.13
1997	2	39	29	70	64	134	198	268	\$594	\$1.49	\$2.22
1998	3	37	31	70	38	143	180	250	\$563	\$1.48	\$2.25
1999	5	46	29	79	44	131	175	255	\$593	\$1.54	\$2.33
2000	4	32	18	53	37	122	160	213	\$470	\$1.54	\$2.21
2001	2	32	21	55	24	80	105	160	\$357	\$1.58	\$2.24
2002	2	27	24	54	25	104	129	183	\$373	\$1.41	\$2.04
2003	1	24	22	48	31	108	138	186	\$384	\$1.50	\$2.06
2004	4	32	21	57	35	125	160	217	\$399	\$1.43	\$1.84
2005	4	26	13	43	33	94	127	170	\$306	\$1.48	\$1.79
2006	2	28	10	40	31	109	139	179	\$280	\$1.36	\$1.56
2007	6	37	14	57	39	91	130	187	\$311	\$1.51	\$1.66
2008	4	20	10	34	47	62	108	142	\$231	\$1.66	\$1.63
5-yr avg	4	29	14	46	37	96	133	179	\$305	\$1.49	\$1.70

Wahoo, PLL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 1), and Avg pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1985	50	105	6,854	137	65
1986	47	92	5,163	110	56
1987	96	295	20,214	211	69
1988	228	1,013	92,717	407	92
1989	229	982	86,901	379	88
1990	199	825	74,738	376	91
1991	183	779	92,867	507	119
1992	214	1,231	187,885	878	153
1993	220	1,119	157,652	717	141
1994	194	939	123,751	638	132
1995	242	1,164	165,907	686	143
1996	230	1,090	141,061	613	129
1997	207	1,034	149,625	723	145
1998	196	846	148,698	759	176
1999	166	953	163,204	983	171
2000	163	835	140,493	862	168
2001	135	640	96,160	712	150
2002	125	697	105,430	843	151
2003	106	663	112,946	1,066	170
2004	117	758	139,952	1,196	185
2005	112	587	114,860	1,026	196
2006	98	519	121,505	1,240	234
2007	106	666	110,275	1,040	166
2008	111	490	96,371	868	197
5-yr avg	109	604	116,593	1,074	196

Wahoo, PLL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 1), and Avg pounds and 2008\$ per vessel and trip					
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1985	12,320	14,508,247	2,304,752	290,165	21,950
1986	10,309	13,580,433	1,966,177	288,945	21,371
1987	37,516	32,039,703	8,452,747	333,747	28,653
1988	152,042	60,454,671	20,940,344	265,152	20,672
1989	121,381	48,040,648	17,541,406	209,784	17,863
1990	116,134	48,696,077	17,519,403	244,704	21,236
1991	144,948	54,409,874	16,526,842	297,322	21,215
1992	295,281	63,536,439	26,408,393	296,899	21,453
1993	261,175	57,424,603	21,581,459	261,021	19,286
1994	209,743	52,146,455	18,805,501	268,796	20,027
1995	296,869	73,850,927	23,192,459	305,169	19,925
1996	253,070	61,079,850	20,474,855	265,565	18,784
1997	259,247	60,906,902	22,681,541	294,236	21,936
1998	267,157	44,621,303	16,273,815	227,660	19,236
1999	309,991	52,673,736	21,112,641	317,312	22,154
2000	257,262	48,225,067	21,690,066	295,859	25,976
2001	175,375	36,584,638	16,255,032	270,997	25,398
2002	165,410	44,152,544	20,911,355	353,220	30,002
2003	173,447	36,548,227	17,580,899	344,795	26,517
2004	198,116	44,105,908	19,946,076	376,974	26,314
2005	169,097	33,854,524	13,955,553	302,273	23,774
2006	159,281	29,674,113	13,084,614	302,797	25,211
2007	149,388	34,596,976	17,124,807	326,387	25,713
2008	135,752	25,874,338	10,115,590	233,102	20,644
5-yr avg	\$162,327	\$33,621,172	\$14,845,328	\$308,307	\$24,331

Wahoo, CFL data, landings (pounds, rd wt, ex-vessel value in 2008\$), numbers of vessels and trips with landings of the selected spp (criteria, pounds > 0), and Avg pounds and 2008\$ per vessel and trip					
Year	Vessels	Trips	Lbs, total	Lbs per vessel	Lbs per trip
1993	325	630	31,923	98	51
1994	369	730	43,080	117	59
1995	418	930	53,881	129	58
1996	308	590	28,994	94	49
1997	344	774	35,133	102	45
1998	323	659	32,418	100	49
1999	307	723	37,603	122	52
2000	316	717	40,871	129	57
2001	398	817	45,505	114	56
2002	379	781	36,925	97	47
2003	310	594	31,430	101	53
2004	362	668	40,600	112	61
2005	297	473	26,226	88	55
2006	340	654	36,597	108	56
2007	353	744	42,807	121	58
2008	264	497	29,196	111	59
5-yr avg	323	607	35,085	108	58
Year	Value, selected spp, 2008\$	Vessel gross (all spp landed), 2008\$	Trip gr (all spp landed), 2008\$	Avg vessel gr, 2008\$	Avg trip gr, 2008\$
1993	\$72,073	\$26,333,370	\$3,507,465	\$81,026	\$5,567
1994	\$103,960	\$31,328,631	\$3,751,989	\$84,901	\$5,140
1995	\$145,141	\$32,413,720	\$3,821,334	\$77,545	\$4,109
1996	\$75,392	\$28,071,978	\$2,929,141	\$91,143	\$4,965
1997	\$92,103	\$32,227,211	\$4,100,713	\$93,684	\$5,298
1998	\$88,321	\$32,139,533	\$3,195,694	\$99,503	\$4,849
1999	\$110,664	\$28,841,640	\$2,669,339	\$93,947	\$3,692
2000	\$117,774	\$33,552,376	\$3,430,587	\$106,178	\$4,785
2001	\$119,043	\$37,028,225	\$3,892,554	\$93,036	\$4,764
2002	\$94,853	\$34,997,939	\$3,355,093	\$92,343	\$4,296
2003	\$94,408	\$29,871,526	\$2,610,224	\$96,360	\$4,394
2004	\$105,234	\$33,487,116	\$3,142,648	\$92,506	\$4,705
2005	\$66,438	\$27,250,274	\$2,360,885	\$91,752	\$4,991
2006	\$85,977	\$28,679,798	\$3,073,586	\$84,352	\$4,700
2007	\$101,342	\$26,443,828	\$3,517,045	\$74,912	\$4,727
2008	\$63,601	\$19,464,428	\$1,980,343	\$73,729	\$3,985
5-yr avg	\$84,518	\$27,065,089	\$2,814,901	\$83,450	\$4,622

Wahoo, landings (thousand pounds, rd wt), ALS and CFDBS, PLL and CFL data compared.			
Year	Landings	PLL	CFL
1981	26		
1982	30		
1983	34		
1984	30		
1985	39	7	
1986	51	5	
1987	142	20	
1988	280	93	
1989	285	87	
1990	171	75	
1991	249	93	
1992	373	188	
1993	331	158	32
1994	248	124	43
1995	264	166	54
1996	232	141	29
1997	268	150	35
1998	250	149	32
1999	255	163	38
2000	213	140	41
2001	160	96	46
2002	183	105	37
2003	186	113	31
2004	217	140	41
2005	170	115	26
2006	179	122	37
2007	187	110	43
2008	142	96	29
5-yr avg	179	117	35