

TABLE 4.5.2a SOUTHEAST REGION FISH BYCATCH BY FISHERY (2012) Bycatch estimates are in live pounds or number of individuals, except where indicated, and reflect the average from the years identified. Fishery bycatch ratio = bycatch / (bycatch + landings). Some bycatch ratios (marked **) could not be developed, e.g., where bycatch was by weight and numbers of individuals, and landings were in pounds. Bycatch of a species that is the object of a directed fishery (e.g., swordfish in the Atlantic and Gulf of Mexico HMS Pelagic Longline fishery) may be regulatory discards, i.e., fish harvested in a fishery that cannot be kept by fishermen due to size restrictions or other regulations.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Atlantic and Gulf of Mexico HMS Pelagic Longline #						
Albacore - North Atlantic	Thunnus alalunga	2012	71,403.00	POUND		
Bigeye tuna - Atlantic	Thunnus obesus	2012	34,099.00	POUND		
Blackfin tuna - South Atlantic	Thunnus atlanticus	2012	39,709.00	POUND		
Blue marlin - Atlantic	Makaira nigricans	2012	83,572.70	POUND		
Blue shark - North Atlantic	Prionace glauca	2012	231,983.30	POUND		
Bluefin tuna - Western Atlantic	Thunnus thynnus	2012	453,847.50	POUND		
Coastal shark group 1 - South Atlantic		2012	169,379.00	POUND		
Coastal shark group 2 - South Atlantic		2012	1,270.00	POUND		
Sailfish - South Atlantic	Istiophorus platypterus	2012	40,926.60	POUND		
Skipjack tuna - South Atlantic	Katsuwonus pelamis	2012	23,951.00	POUND		
Swordfish - North Atlantic	Xiphias gladius	2012	455,904.40	POUND		
White marlin - Atlantic	Kajikia albida	2012	32,002.30	POUND		
Yellowfin tuna - Atlantic	Thunnus albacares	2012	183,806.00	POUND		
TOTAL FISHERY BYCATCH			1,821,853.80	POUND		
TOTAL FISHERY LANDINGS			7,606,257.00	POUND		
TOTAL CATCH (Bycatch + Landings)			9,428,110.80	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.19			
Gulf of Mexico Coastal Migratory Pelagic Gillnet						
Atlantic bonito	Sarda sarda	2012	62.10	INDIVIDUAL	0.40	
Blacktip shark	Carcharhinus limbatus	2012	8.90	INDIVIDUAL	0.40	
Frigate tuna	Auxis thazard	2012	115.30	INDIVIDUAL	0.40	
Great barracuda	Sphyraena barracuda	2012	8.90	INDIVIDUAL	0.40	
King mackerel	Scomberomorus cavalla	2012	1,995.00	INDIVIDUAL	0.30	
Red grouper	Epinephelus morio	2012	17.70	INDIVIDUAL	0.30	
TOTAL FISHERY BYCATCH			2,207.90	INDIVIDUAL		
TOTAL FISHERY LANDINGS			1,961,302.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			**			
Gulf of Mexico Coastal Migratory Pelagic Troll						
Amberfishes, banded rudderfish, amberjacks, and yellowtails	Seriola	2012	53.40	INDIVIDUAL	8.13	

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Atlantic bonito	<i>Sarda sarda</i>	2012	283.40	INDIVIDUAL	8.02	
Blacktip shark	<i>Carcharhinus limbatus</i>	2012	96.70	INDIVIDUAL	8.37	
Bluefish	<i>Pomatomus saltatrix</i>	2012	841.40	INDIVIDUAL	9.50	
Cartilaginous fishes	Chondrichthyes	2012	569.00	INDIVIDUAL	3.41	
Cobia	<i>Rachycentron canadum</i>	2012	5.50	INDIVIDUAL	9.64	
Crevalle jack	<i>Caranx hippos</i>	2012	234.80	INDIVIDUAL	3.44	
Dolphinfish	<i>Coryphaena</i>	2012	1,554.50	INDIVIDUAL	3.93	
Greater amberjack	<i>Seriola dumerili</i>	2012	55.30	INDIVIDUAL	9.64	
Jacks and pompanos	Carangidae	2012	10.20	INDIVIDUAL	9.64	
King mackerel	<i>Scomberomorus cavalla</i>	2012	13,289.00	INDIVIDUAL	0.81	
Little tunny	<i>Euthynnus alletteratus</i>	2012	814.40	INDIVIDUAL	4.49	
Red snapper	<i>Lutjanus campechanus</i>	2012	882.60	INDIVIDUAL	5.18	
Sailfish	<i>Istiophorus platypterus</i>	2012	9.20	INDIVIDUAL	9.64	
TOTAL FISHERY BYCATCH			18,699.40	INDIVIDUAL		
TOTAL FISHERY LANDINGS			360,339.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			**			
Gulf of Mexico Reef Fish Bottom Longline						
Amberfishes, banded rudderfish, amberjacks, and yellowtails	<i>Seriola</i>	2012	679.10	INDIVIDUAL	6.39	
Barracudas	Sphyraenidae	2012	173.40	INDIVIDUAL	8.03	
Black drum	<i>Pogonias cromis</i>	2012	2,382.80	INDIVIDUAL	8.22	
Black grouper	<i>Mycteroperca bonaci</i>	2012	363.40	INDIVIDUAL	7.91	
Blueline tilefish	<i>Caulolatilus microps</i>	2012	3,483.60	INDIVIDUAL	5.03	
Cobia	<i>Rachycentron canadum</i>	2012	15.50	INDIVIDUAL	6.71	
Florida pompano	<i>Trachinotus carolinus</i>	2012	423.60	INDIVIDUAL	11.45	
Gag	<i>Mycteroperca microlepis</i>	2012	5,343.00	INDIVIDUAL		
Goliath grouper	<i>Epinephelus itajara</i>	2012	50.00	INDIVIDUAL	5.14	
Greater amberjack	<i>Seriola dumerili</i>	2012	630.00	INDIVIDUAL	1.22	
Little tunny	<i>Euthynnus alletteratus</i>	2012	379.30	INDIVIDUAL	4.25	
Mackerels	<i>Scomberomorus</i>	2012	4.80	INDIVIDUAL	11.45	
Margate	<i>Haemulon album</i>	2012	24.80	INDIVIDUAL	11.45	
Osteichthyes	Osteichthyes	2012	9.10	INDIVIDUAL	11.45	
Red drum	<i>Sciaenops ocellatus</i>	2012	29,069.70	INDIVIDUAL	5.86	
Red grouper	<i>Epinephelus morio</i>	2011	1,133,235.00	INDIVIDUAL		
Red snapper	<i>Lutjanus campechanus</i>	2012	30,768.00	INDIVIDUAL	1.47	
Scamp	<i>Mycteroperca phenax</i>	2012	228.20	INDIVIDUAL	7.10	
Snappers	Lutjanidae	2012	4,289.00	INDIVIDUAL	8.50	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Snowy grouper	Epinephelus niveatus	2012	256.80	INDIVIDUAL	7.05	
Speckled hind	Epinephelus drummondhayi	2012	18.60	INDIVIDUAL	11.45	
Tilefish	Lopholatilus chamaeleonticeps	2012	702.00	INDIVIDUAL	7.51	
Triggerfishes	Balistidae	2012	4.40	INDIVIDUAL	11.45	
Yellowedge grouper	Epinephelus flavolimbatus	2012	751.10	INDIVIDUAL	4.48	
TOTAL FISHERY BYCATCH			1,213,285.20	INDIVIDUAL		
TOTAL FISHERY LANDINGS			4,867,046.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)				**		
Gulf of Mexico Reef Fish Vertical Line						
Almaco jack	Seriola rivoliana	2012	28.10	INDIVIDUAL	35.76	
Amberfishes, banded rudderfish, amberjacks, and yellowtails	Seriola	2012	52,511.40	INDIVIDUAL	7.84	
Atlantic bonito	Sarda sarda	2012	120.10	INDIVIDUAL	35.76	
Atlantic creolefish	Paranthias furcifer	2012	957.50	INDIVIDUAL	30.71	
Atlantic croaker	Micropogonias undulatus	2012	351.30	INDIVIDUAL	35.76	
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2012	567.50	INDIVIDUAL	29.32	
Bar jack	Carangoides ruber	2012	28.90	INDIVIDUAL	23.37	
Barracudas	Sphyraenidae	2012	242.40	INDIVIDUAL	22.76	
Black grouper	Mycteroperca bonaci	2012	37,536.50	INDIVIDUAL	12.98	
Black snapper	Apsilus dentatus	2012	11.20	INDIVIDUAL	25.28	
Blackbelly rosefish	Helicolenus dactylopterus	2012	260.30	INDIVIDUAL	35.76	
Blackfin tuna	Thunnus atlanticus	2012	715.70	INDIVIDUAL	29.97	
Blacknose shark	Carcharhinus acronotus	2012	2,343.80	INDIVIDUAL	13.17	
Blacktip shark	Carcharhinus limbatus	2012	6,737.50	INDIVIDUAL	18.37	
Bluefish	Pomatomus saltatrix	2012	780.80	INDIVIDUAL	35.76	
Blueline tilefish	Caulolatilus microps	2012	1,018.90	INDIVIDUAL	25.20	
Breams and porgies	Sparidae	2012	12.40	INDIVIDUAL	35.76	
Bull shark	Carcharhinus leucas	2012	135.70	INDIVIDUAL	25.96	
Caribbean sharpnose shark	Rhizoprionodon porosus	2012	205.90	INDIVIDUAL	35.76	
Cartilaginous fishes	Chondrichthyes	2012	38,410.00	INDIVIDUAL	10.56	
Cobia	Rachycentron canadum	2012	20,764.70	INDIVIDUAL	22.88	
Conger eel	Conger oceanicus	2012	23.40	INDIVIDUAL	35.76	
Crevalle jack	Caranx hippos	2012	226.70	INDIVIDUAL	35.76	
Dog snapper	Lutjanus jocu	2012	236.00	INDIVIDUAL	35.76	
Dogfish sharks	Squalidae	2012	36.00	INDIVIDUAL	35.76	
Dolphinfish	Coryphaena	2012	57,040.30	INDIVIDUAL	24.91	
Gag	Mycteroperca microlepis	2012	29,102.00	INDIVIDUAL		

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Goliath grouper	<i>Epinephelus itajara</i>	2012	2,070.30	INDIVIDUAL	17.61	
Gray snapper	<i>Lutjanus griseus</i>	2012	105,556.80	INDIVIDUAL	11.77	
Gray triggerfish	<i>Balistes capriscus</i>	2012	128,903.00	INDIVIDUAL	1.58	
Great hammerhead	<i>Sphyrna mokarran</i>	2012	36.00	INDIVIDUAL	35.76	
Greater amberjack	<i>Seriola dumerili</i>	2012	306,724.00	INDIVIDUAL	3.50	
Groupers and sea basses	Serranidae	2012	8,300.00	INDIVIDUAL	12.64	
Grunts	Haemulidae	2012	1,122.20	INDIVIDUAL	25.69	
Hakes	Urophycis	2012	351.00	INDIVIDUAL	18.95	
Hammerhead sharks	Sphyrnidae	2012	1.50	INDIVIDUAL	35.76	
Jacks and pompanos	Carangidae	2012	1,234.70	INDIVIDUAL	19.12	
King mackerel	<i>Scomberomorus cavalla</i>	2012	13,289.00	INDIVIDUAL	0.81	
Lane snapper	<i>Lutjanus synagris</i>	2012	42,101.20	INDIVIDUAL	18.47	
Lesser amberjack	<i>Seriola fasciata</i>	2012	530.40	INDIVIDUAL	20.42	
Little tunny	<i>Euthynnus alletteratus</i>	2012	7,137.90	INDIVIDUAL	9.56	
Lookdown	<i>Selene vomer</i>	2012	439.20	INDIVIDUAL	35.76	
Moray eels	Muraenidae	2012	9.90	INDIVIDUAL	35.76	
Mutton snapper	<i>Lutjanus analis</i>	2012	22,999.90	INDIVIDUAL	15.56	
Nurse shark	<i>Ginglymostoma cirratum</i>	2012	1,150.10	INDIVIDUAL	24.88	
Osteichthyes	Osteichthyes	2012	773.80	INDIVIDUAL	16.43	
Red drum	<i>Sciaenops ocellatus</i>	2012	19,137.30	INDIVIDUAL	10.81	
Red grouper	<i>Epinephelus morio</i>	2011	599,240.00	INDIVIDUAL		
Red porgy	<i>Pagrus pagrus</i>	2012	12,420.10	INDIVIDUAL	10.01	
Red snapper	<i>Lutjanus campechanus</i>	2012	1,375,205.00	INDIVIDUAL	1.98	
Reef shark	<i>Carcharhinus perezi</i>	2012	296.60	INDIVIDUAL	12.31	
Remora	Remora	2012	16,259.60	INDIVIDUAL	7.95	
Sand perch	<i>Diplectrum formosum</i>	2012	43.20	INDIVIDUAL	35.76	
Sandbar shark	<i>Carcharhinus plumbeus</i>	2012	356.40	INDIVIDUAL	16.48	
Scamp	<i>Mycteroperca phenax</i>	2012	9,515.90	INDIVIDUAL	22.30	
Sea chubs	Kyphosidae	2012	585.60	INDIVIDUAL	35.76	
Silky shark	<i>Carcharhinus falciformis</i>	2012	403.60	INDIVIDUAL	33.30	
Snappers	Lutjanidae	2012	11,774.30	INDIVIDUAL	11.09	
Snowy grouper	<i>Epinephelus niveatus</i>	2012	29.30	INDIVIDUAL	35.76	
Spadefishes	Ephippidae	2012	78.10	INDIVIDUAL	35.76	
Spanish mackerel	<i>Scomberomorus maculatus</i>	2012	2,598.70	INDIVIDUAL	25.35	
Spinner shark	<i>Carcharhinus brevipinna</i>	2012	87.40	INDIVIDUAL	35.76	
Tiger shark	<i>Galeocerdo cuvier</i>	2012	571.30	INDIVIDUAL	15.47	

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COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Tilefish	Lopholatilus chamaeleonticeps	2012	13.30	INDIVIDUAL	35.76	
Tilefishes	Malacanthidae	2012	33.50	INDIVIDUAL	26.94	
Tomtate	Haemulon aurolineatum	2012	240.20	INDIVIDUAL	35.76	
True eels	Anguilliformes	2012	93.70	INDIVIDUAL	32.03	
Vermilion snapper	Rhomboplites aurorubens	2012	503,465.50	INDIVIDUAL	21.43	
Warsaw grouper	Epinephelus nigritus	2012	39.90	INDIVIDUAL	34.99	
Yellowtail snapper	Ocyurus chrysurus	2012	433,362.60	INDIVIDUAL	5.59	
TOTAL FISHERY BYCATCH			3,878,987.00	INDIVIDUAL		
TOTAL FISHERY LANDINGS			9,370,154.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
Gulf of Mexico Shrimp Trawl						
Atlantic croaker	Micropogonias undulatus	2012	48,025,344.10	POUND	0.10	
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2012	2,143,352.00	POUND	0.10	
Black drum	Pogonias cromis	2012	174,637.20	POUND	0.20	
Blacknose shark	Carcharhinus acronotus	2012	30,501.90	POUND	0.50	
Blacktip shark	Carcharhinus limbatus	2012	27,723.90	POUND	0.40	
Bonnethead	Sphyrna tiburo	2012	321,803.40	POUND	0.10	
Cobia	Rachycentron canadum	2012	32,185.70	POUND	0.40	
Finetooth shark	Carcharhinus isodon	2012	14,688.00	POUND	0.50	
Grouped finfish other than listed - Gulf of Mexico		2012	91,181,332.20	POUND	0.10	
Grouped sharks - Gulf of Mexico		2012	156,869.10	POUND	0.20	
King mackerel	Scomberomorus cavalla	2012	80,253.20	POUND	0.10	
Lane snapper	Lutjanus synagris	2012	475,617.90	POUND	0.10	
Longspine porgy	Stenotomus caprinus	2012	13,521,734.00	POUND	0.10	
Narrowfin smooth-hound	Mustelus norrisi	2012	3,616.80	POUND	0.60	
Non-crustacean invertebrates - Gulf of Mexico		2012	12,396,092.70	POUND	0.10	
Non-penaeid shrimp crustacean - Gulf of Mexico		2012	14,938,220.60	POUND	0.10	
Red drum	Sciaenops ocellatus	2012	586,315.50	POUND	0.20	
Red snapper	Lutjanus campechanus	2012	2,035,101.40	POUND	0.10	
Seatrout and weakfish - Gulf of Mexico	Cynoscion	2012	18,168,683.90	POUND	0.10	
Smooth dogfish	Mustelus canis	2012	197,851.80	POUND	0.20	
Snappers	Lutjanidae	2012	6,478.50	POUND	0.40	
Southern flounder	Paralichthys lethostigma	2012	475,578.50	POUND	0.10	
Spanish mackerel	Scomberomorus maculatus	2012	382,825.70	POUND	0.10	
Spinner shark	Carcharhinus brevipinna	2012	24,029.80	POUND	0.40	
Spotted seatrout	Cynoscion nebulosus	2012	11,650.90	POUND	0.30	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Vermilion snapper	Rhomboplites aurorubens	2012	95,775.90	POUND	0.30	
TOTAL FISHERY BYCATCH			205,508,264.60	POUND		
TOTAL FISHERY LANDINGS			161,103,921.00	POUND		
TOTAL CATCH (Bycatch + Landings)			366,612,185.60	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)			0.56			
Southeastern Atlantic Coastal Gillnet (Including North Carolina)						
American Harvestfish	Peprilus paru	2012	179.50	INDIVIDUAL	1.20	
Atlantic bumper	Chloroscombrus chrysurus	2012	14,224.30	INDIVIDUAL	0.79	
Atlantic croaker	Micropogonias undulatus	2012	1,722.70	INDIVIDUAL	0.74	
Atlantic cutlassfish	Trichiurus lepturus	2012	59.80	INDIVIDUAL	1.24	
Atlantic menhaden	Brevoortia tyrannus	2012	1,363.80	INDIVIDUAL	0.65	
Atlantic moonfish	Selene setapinnis	2012	658.00	INDIVIDUAL	0.96	
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2012	681.90	INDIVIDUAL	0.59	
Atlantic spadefish	Chaetodipterus faber	2012	95.70	INDIVIDUAL	0.74	
Banded drum	Larimus fasciatus	2012	1,435.60	INDIVIDUAL	1.27	
Blacknose shark	Carcharhinus acronotus	2012	35.90	INDIVIDUAL	1.29	
Blue runner	Caranx crysos	2012	5,885.90	INDIVIDUAL	0.72	
Bluefish	Pomatomus saltatrix	2012	9,486.80	INDIVIDUAL	0.56	
Bonnethead	Sphyrna tiburo	2012	4,270.90	INDIVIDUAL	0.57	
Butterfish	Peprilus triacanthus	2012	275.10	INDIVIDUAL	0.89	
Cobia	Rachycentron canadum	2012	263.20	INDIVIDUAL	0.56	
Florida pompano	Trachinotus carolinus	2012	11.90	INDIVIDUAL	1.73	
Frigate tuna	Auxis thazard	2012	47.90	INDIVIDUAL	1.37	
Hardhead catfish	Ariopsis felis	2012	83.70	INDIVIDUAL	1.02	
Inshore lizardfish	Synodus foetens	2012	311.10	INDIVIDUAL	1.04	
King mackerel	Scomberomorus cavalla	2012	95.70	INDIVIDUAL	1.33	
Pinfish	Lagodon rhomboides	2012	299.10	INDIVIDUAL	1.73	
Scalloped hammerhead	Sphyrna lewini	2012	514.40	INDIVIDUAL	1.04	
Smooth dogfish	Mustelus canis	2012	23.90	INDIVIDUAL	1.22	
Southern kingfish	Menticirrhus americanus	2012	131.60	INDIVIDUAL	0.51	
Spanish mackerel	Scomberomorus maculatus	2012	2,440.50	INDIVIDUAL	0.41	
Spider crabs	Majidae	2012	2,691.70	INDIVIDUAL	0.88	
Spiny dogfish	Squalus acanthias	2012	119.60	INDIVIDUAL	1.57	
Spot	Leiostomus xanthurus	2012	83.70	INDIVIDUAL	1.02	
Thresher sharks	Alopias	2012	263.20	INDIVIDUAL	1.13	
Weakfish	Cynoscion regalis	2012	2,045.70	INDIVIDUAL	0.65	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
TOTAL FISHERY BYCATCH			49,802.80	INDIVIDUAL		
TOTAL FISHERY LANDINGS			15,057,823.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)				**		
Southeastern Atlantic Coastal Migratory Pelagic Troll						
Albacore	Thunnus alalunga	2012	20.80	INDIVIDUAL	17.72	
Amberfishes, banded rudderfish, amberjacks, and yellowtails	Seriola	2012	59.90	INDIVIDUAL	13.08	
Atlantic bonito	Sarda sarda	2012	383.80	INDIVIDUAL	5.94	
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2012	354.00	INDIVIDUAL	6.81	
Ballyhoo	Hemiramphus brasiliensis	2012	1,368.20	INDIVIDUAL	17.72	
Barracudas	Sphyrnaeidae	2012	916.30	INDIVIDUAL	7.24	
Black grouper	Mycteroperca bonaci	2012	707.40	INDIVIDUAL	7.77	
Black sea bass	Centropristis striata	2012	12,300.10	INDIVIDUAL	16.24	
Blackfin tuna	Thunnus atlanticus	2012	35.70	INDIVIDUAL	17.72	
Blacktip shark	Carcharhinus limbatus	2012	314.20	INDIVIDUAL	6.01	
Blue runner	Caranx crysos	2012	704.70	INDIVIDUAL	8.68	
Bluefin tuna	Thunnus thynnus	2012	104.20	INDIVIDUAL	17.72	
Bull shark	Carcharhinus leucas	2012	13.00	INDIVIDUAL	17.72	
Cartilaginous fishes	Chondrichthyes	2012	1,984.50	INDIVIDUAL	5.00	
Cobia	Rachycentron canadum	2012	2,562.40	INDIVIDUAL	5.24	
Crevalle jack	Caranx hippos	2012	152.60	INDIVIDUAL	12.51	
Dealfish	Trachipterus arcticus	2012	44.70	INDIVIDUAL	17.72	
Dogfish sharks	Squalidae	2012	29.80	INDIVIDUAL	17.72	
Dolphinfish	Coryphaena	2012	1,752.70	INDIVIDUAL	5.89	
Gag	Mycteroperca microlepis	2012	483.50	INDIVIDUAL	11.79	
Greater amberjack	Seriola dumerili	2012	331.30	INDIVIDUAL	6.94	
Hammerhead sharks	Sphyrnidae	2012	12.30	INDIVIDUAL	13.56	
King mackerel	Scomberomorus cavalla	2012	26,935.00	INDIVIDUAL	0.48	
Lesser amberjack	Seriola fasciata	2012	19.50	INDIVIDUAL	17.72	
Little tunny	Euthynnus alletteratus	2012	3,553.60	INDIVIDUAL	4.49	
Osteichthyes	Osteichthyes	2012	195.50	INDIVIDUAL	17.72	
Pilotfish	Naucrates ductor	2012	29.80	INDIVIDUAL	17.72	
Rays, sawfish, and skates	Rajiformes	2012	6.40	INDIVIDUAL	17.72	
Red drum	Sciaenops ocellatus	2012	13.00	INDIVIDUAL	17.72	
Red grouper	Epinephelus morio	2012	651.50	INDIVIDUAL	13.67	
Red porgy	Pagrus pagrus	2012	53.60	INDIVIDUAL	17.72	
Red snapper	Lutjanus campechanus	2012	1,363.20	INDIVIDUAL	6.43	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Reef shark	Carcharhinus perezii	2012	119.10	INDIVIDUAL	12.61	
Remora	Remora	2012	476.20	INDIVIDUAL	4.14	
Sailfish	Istiophorus platypterus	2012	183.70	INDIVIDUAL	9.21	
Sand tiger	Carcharias taurus	2012	44.70	INDIVIDUAL	17.72	
Sandbar shark	Carcharhinus plumbeus	2012	51.50	INDIVIDUAL	15.53	
Scamp	Mycteroperca phenax	2012	148.40	INDIVIDUAL	10.64	
Sea chubs	Kyphosidae	2012	31.30	INDIVIDUAL	17.72	
Silky shark	Carcharhinus falciformis	2012	52.10	INDIVIDUAL	12.51	
Spanish mackerel	Scomberomorus maculatus	2012	2,488.80	INDIVIDUAL	10.94	
Spiny dogfish	Squalus acanthias	2012	93.80	INDIVIDUAL	17.72	
Triggerfishes	Balistidae	2012	104.20	INDIVIDUAL	17.72	
Wahoo	Acanthocybium solandri	2012	49.20	INDIVIDUAL	12.53	
White grunt	Haemulon plumierii	2012	312.70	INDIVIDUAL	17.72	
Yellowfin tuna	Thunnus albacares	2012	741.80	INDIVIDUAL	5.97	
TOTAL FISHERY BYCATCH			62,354.70	INDIVIDUAL		
TOTAL FISHERY LANDINGS			255,235.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
Southeastern Atlantic Snapper-Grouper Bottom Longline						
Blue shark	Prionace glauca	2012	36.90	INDIVIDUAL	9.06	
Dasyatidae	Dasyatidae	2012	33.30	INDIVIDUAL	5.16	
Hakes	Urophycis	2012	529.80	INDIVIDUAL	6.42	
Nurse shark	Ginglymostoma cirratum	2012	775.20	INDIVIDUAL	3.56	
Ocean sunfish	Mola mola	2012	1.10	INDIVIDUAL	9.06	
Osteichthyes	Osteichthyes	2012	107.70	INDIVIDUAL	9.06	
Rays, sawfish, and skates	Rajiformes	2012	30.70	INDIVIDUAL	5.40	
Red drum	Sciaenops ocellatus	2012	111.40	INDIVIDUAL	9.06	
Red snapper	Lutjanus campechanus	2012	567.90	INDIVIDUAL	4.03	
Sand tiger	Carcharias taurus	2012	107.70	INDIVIDUAL	9.06	
Skates	Rajidae	2012	19.60	INDIVIDUAL	9.06	
Smooth dogfish	Mustelus canis	2012	2,126.90	INDIVIDUAL	6.55	
Snowy grouper	Epinephelus niveatus	2012	23.00	INDIVIDUAL	18.60	
TOTAL FISHERY BYCATCH			4,471.20	INDIVIDUAL		
TOTAL FISHERY LANDINGS			804,698.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
Southeastern Atlantic Snapper-Grouper Vertical Line						
Almaco jack	Seriola rivoliana	2012	9,477.30	INDIVIDUAL	6.43	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Amberfishes, banded rudderfish, amberjacks, and yellowtails	<i>Seriola</i>	2012	6,473.00	INDIVIDUAL	9.50	
Atlantic bonito	<i>Sarda sarda</i>	2012	919.40	INDIVIDUAL	18.59	
Atlantic needlefish	<i>Strongylura marina</i>	2012	2,537.80	INDIVIDUAL	10.49	
Atlantic sharpnose shark	<i>Rhizoprionodon terraenovae</i>	2012	4,545.70	INDIVIDUAL	12.64	
Banded rudderfish	<i>Seriola zonata</i>	2012	1,594.50	INDIVIDUAL	11.84	
Bank sea bass	<i>Centropristis ocyurus</i>	2012	47.80	INDIVIDUAL	42.02	
Bar jack	<i>Carangoides ruber</i>	2012	76.00	INDIVIDUAL	38.60	
Barracudas	<i>Sphyrnaeidae</i>	2012	575.90	INDIVIDUAL	35.13	
Black grouper	<i>Mycteroperca bonaci</i>	2012	4,787.30	INDIVIDUAL	7.54	
Black margate	<i>Anisotremus surinamensis</i>	2012	35.80	INDIVIDUAL	30.30	
Black sea bass	<i>Centropristis striata</i>	2012	34,043.00	INDIVIDUAL	0.57	
Black snapper	<i>Apsilus dentatus</i>	2012	143.40	INDIVIDUAL	42.02	
Blackfin tuna	<i>Thunnus atlanticus</i>	2012	107.50	INDIVIDUAL	42.02	
Blacktip shark	<i>Carcharhinus limbatus</i>	2012	71.50	INDIVIDUAL	28.89	
Blue runner	<i>Caranx crysos</i>	2012	11,140.80	INDIVIDUAL	9.83	
Bluefish	<i>Pomatomus saltatrix</i>	2012	516.20	INDIVIDUAL	29.47	
Breams and porgies	<i>Sparidae</i>	2012	209.10	INDIVIDUAL	30.01	
Bull shark	<i>Carcharhinus leucas</i>	2012	322.90	INDIVIDUAL	20.31	
Butterflyfishes	<i>Chaetodontidae</i>	2012	262.60	INDIVIDUAL	15.90	
Cartilaginous fishes	<i>Chondrichthyes</i>	2012	8,106.90	INDIVIDUAL	8.69	
Cobia	<i>Rachycentron canadum</i>	2012	3,864.20	INDIVIDUAL	11.80	
Common snook	<i>Centropomus undecimalis</i>	2012	107.50	INDIVIDUAL	42.02	
Crevalle jack	<i>Caranx hippos</i>	2012	107.50	INDIVIDUAL	29.71	
Dealfish	<i>Trachipterus arcticus</i>	2012	179.20	INDIVIDUAL	42.02	
Dogfish sharks	<i>Squalidae</i>	2012	695.00	INDIVIDUAL	18.25	
Dolphinfish	<i>Coryphaena</i>	2012	788.60	INDIVIDUAL	14.68	
Dusky shark	<i>Carcharhinus obscurus</i>	2012	24.20	INDIVIDUAL	29.89	
Gag	<i>Mycteroperca microlepis</i>	2012	21,538.60	INDIVIDUAL	6.29	
Goliath grouper	<i>Epinephelus itajara</i>	2012	90.80	INDIVIDUAL	29.90	
Goosefish	<i>Lophius americanus</i>	2012	80.70	INDIVIDUAL	19.79	
Gray snapper	<i>Lutjanus griseus</i>	2012	10,690.50	INDIVIDUAL	9.76	
Gray triggerfish	<i>Balistes capriscus</i>	2012	4,719.00	INDIVIDUAL	7.66	
Graysby	<i>Cephalopholis cruentata</i>	2012	165.90	INDIVIDUAL	28.66	
Greater amberjack	<i>Seriola dumerili</i>	2012	6,718.90	INDIVIDUAL	7.65	
Groupers and sea basses	<i>Serranidae</i>	2012	29,285.80	INDIVIDUAL	7.03	
Grunts	<i>Haemulidae</i>	2012	12,885.10	INDIVIDUAL	12.73	

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Hakes	Urophycis	2012		57.40	INDIVIDUAL	42.02
Hammerhead sharks	Sphyrnidae	2012		32.10	INDIVIDUAL	40.25
Hogfish	Lachnolaimus maximus	2012		97.00	INDIVIDUAL	63.60
Jacks and pompanos	Carangidae	2012		53.40	INDIVIDUAL	23.54
Jolthead porgy	Calamus bajonado	2012		114.50	INDIVIDUAL	25.39
King mackerel	Scomberomorus cavalla	2012		26,935.00	INDIVIDUAL	0.48
Knobbed porgy	Calamus nodosus	2012		15.90	INDIVIDUAL	42.02
Lane snapper	Lutjanus synagris	2012		590.60	INDIVIDUAL	18.03
Lemon shark	Negaprion brevirostris	2012		11.90	INDIVIDUAL	42.02
Lesser amberjack	Seriola fasciata	2012		197.10	INDIVIDUAL	32.63
Little tunny	Euthynnus alletteratus	2012		3,139.90	INDIVIDUAL	8.15
Margate	Haemulon album	2012		147.90	INDIVIDUAL	42.02
Misty grouper	Epinephelus mystacinus	2012		14.30	INDIVIDUAL	42.02
Mugilidae	Mugilidae	2012		672.10	INDIVIDUAL	25.20
Mutton snapper	Lutjanus analis	2012		2,081.00	INDIVIDUAL	0.65
Nassau grouper	Epinephelus striatus	2012		0.70	INDIVIDUAL	42.02
Nurse shark	Ginglymostoma cirratum	2012		44.60	INDIVIDUAL	35.63
Octopus	Octopodidae	2012		4.10	INDIVIDUAL	42.02
Osteichthyes	Osteichthyes	2012		462.40	INDIVIDUAL	21.46
Parrotfishes	Scaridae	2012		789.80	INDIVIDUAL	15.32
Queen snapper	Etelis oculatus	2012		1,131.20	INDIVIDUAL	10.06
Red grouper	Epinephelus morio	2012		7,132.20	INDIVIDUAL	13.58
Red hind	Epinephelus guttatus	2012		250.50	INDIVIDUAL	22.72
Red porgy	Pagrus pagrus	2012		64,587.00	INDIVIDUAL	4.62
Red snapper	Lutjanus campechanus	2012		18,422.00	INDIVIDUAL	5.80
Remora	Remora	2012		3,048.90	INDIVIDUAL	10.44
Rock hind	Epinephelus adscensionis	2012		106.30	INDIVIDUAL	29.65
Rock sea bass	Centropristis philadelphica	2012		373.80	INDIVIDUAL	19.67
Sailfish	Istiophorus platypterus	2012		281.40	INDIVIDUAL	15.76
Sand tiger	Carcharias taurus	2012		133.90	INDIVIDUAL	14.39
Sand tilefish	Malacanthus plumieri	2012		313.60	INDIVIDUAL	13.80
Sandbar shark	Carcharhinus plumbeus	2012		218.90	INDIVIDUAL	16.66
Saucereye porgy	Calamus calamus	2012		3.70	INDIVIDUAL	42.02
Scamp	Mycteroperca phenax	2012		2,896.50	INDIVIDUAL	4.77
Scomber	Scomber	2012		385.40	INDIVIDUAL	23.36
Sea chubs	Kyphosidae	2012		1,090.30	INDIVIDUAL	13.81

Table 4.5.2a

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Silk snapper	Lutjanus vivanus	2012	71.70	INDIVIDUAL	42.02	
Silky shark	Carcharhinus falciformis	2012	18.20	INDIVIDUAL	25.23	
Snappers	Lutjanidae	2012	25,788.10	INDIVIDUAL	9.15	
Snowy grouper	Epinephelus niveatus	2012	102.00	INDIVIDUAL	30.98	
Soliderfishes and squirrelfishes	Holocentridae	2012	53.80	INDIVIDUAL	42.02	
Spadefishes	Ephippidae	2012	6.70	INDIVIDUAL	42.02	
Spanish mackerel	Scomberomorus maculatus	2012	811.10	INDIVIDUAL	15.83	
Speckled hind	Epinephelus drummondhayi	2012	65.20	INDIVIDUAL	20.81	
Spottail pinfish	Diplodus holbrookii	2012	829.50	INDIVIDUAL	13.16	
Tiger shark	Galeocerdo cuvier	2012	101.20	INDIVIDUAL	16.05	
Tilefish	Lopholatilus chamaeleonticeps	2012	203.70	INDIVIDUAL	19.82	
Toad fishes	Batrachoididae	2012	3.40	INDIVIDUAL	42.02	
Tomtate	Haemulon aurolineatum	2012	978.00	INDIVIDUAL	16.67	
Triggerfishes	Balistidae	2012	5,989.20	INDIVIDUAL	7.61	
True eels	Anguilliformes	2012	28.70	INDIVIDUAL	42.02	
Vermilion snapper	Rhomboplites aurorubens	2012	43,624.00	INDIVIDUAL	4.61	
Warsaw grouper	Epinephelus nigritus	2012	393.70	INDIVIDUAL	20.20	
White grunt	Haemulon plumierii	2012	635.40	INDIVIDUAL	25.98	
Whitebone porgy	Calamus leucosteus	2012	155.30	INDIVIDUAL	33.74	
Wreckfish	Polyprion americanus	2012	47.80	INDIVIDUAL	21.62	
Yellowedge grouper	Epinephelus flavolimbatus	2012	136.20	INDIVIDUAL	20.19	
Yellowtail snapper	Ocyurus chrysurus	2012	131,293.20	INDIVIDUAL	3.09	
TOTAL FISHERY BYCATCH			525,109.30	INDIVIDUAL		
TOTAL FISHERY LANDINGS			5,639,271.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	
Southeastern Atlantic and Gulf of Mexico Shark Bottom Longline						
Atlantic sharpnose shark	Rhizoprionodon terraenovae	2012	185.30	INDIVIDUAL	0.35	
Blacknose shark	Carcharhinus acronotus	2012	120.40	INDIVIDUAL	0.36	
Blacktip shark	Carcharhinus limbatus	2012	315.00	INDIVIDUAL	0.29	
Dusky shark	Carcharhinus obscurus	2012	9.30	INDIVIDUAL	0.91	
Sandbar shark	Carcharhinus plumbeus	2012	305.70	INDIVIDUAL	0.41	
Smooth dogfish	Mustelus canis	2012	9.30	INDIVIDUAL	0.91	
Tiger shark	Galeocerdo cuvier	2012	9.30	INDIVIDUAL	0.91	
TOTAL FISHERY BYCATCH			954.30	INDIVIDUAL		
TOTAL FISHERY LANDINGS			549,319.00	POUND		
FISHERY BYCATCH RATIO (Bycatch/Total Catch)					**	

Table 4.5.2a

FOOTNOTES:

Estimates are for dead discards only.

~ Bycatch estimate for the offshore portion of the fishery only (COLREGS line [beach] out to 50 fathoms).