

**TABLE 3.4.1a GREATER ATLANTIC REGION FISH BYCATCH BY FISHERY (2014)** Fishery bycatch ratio = bycatch / (bycatch + landings). These fisheries include numerous species with bycatch estimates of 0.00; these 0.00 species are listed in Annexes 1-3 for Table 3.4.1a. All estimates are live weights. <sup>1, 4</sup>

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>Mid-Atlantic Bottom Longline</b>					
American lobster	Homarus americanus	268.07	POUND	1.2	t
Chain dogfish	Scyliorhinus retifer	4,361.36	POUND	.61	t
Gadiformes, other	Gadiformes	4,502.86	POUND	1.02	o, t
Jonah crab	Cancer borealis	779.03	POUND	.64	t
Monkfish	Lophius americanus	398.27	POUND	.67	e, f
Night shark	Carcharhinus signatus	3,574.32	POUND	1.74	t
Silver hake	Merluccius bilinearis	59.57	POUND	1.74	m
Skate Complex	Rajidae	2,955.86	POUND	.67	n, o
Smooth dogfish	Mustelus canis	36,909.92	POUND	.67	t
Spiny dogfish	Squalus acanthias	59.57	POUND	1.74	
Stingrays, other (demersal)	Dasyatidae	446.79	POUND	1.81	o, t
Tilefish	Lopholatilus chamaeleonticeps	2,939.62	POUND	1.03	
<b>TOTAL FISHERY BYCATCH</b>		57,255.24	POUND		
<b>TOTAL FISHERY LANDINGS</b>		1,203,019.21	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		1,260,274.45	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.05			
<b>Mid-Atlantic Conch Pots and Traps</b>					
American lobster	Homarus americanus	60.53	POUND	14.7	t
Benthic species, other	Animalia	687.32	POUND	.93	o, t, u, v
Bivalves, other	Bivalvia	60.65	POUND	.93	o, t
Black sea bass	Centropristis striata	687.32	POUND	.93	
Decapod crabs	Decapoda	103,872.45	POUND	3.07	o, t
Gadiformes, other	Gadiformes	60.65	POUND	.93	o, t
Gastropod snails, other	Gastropoda	20.22	POUND	.93	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	1,010.77	POUND	.93	o, t
Triggerfishes, unc	Balistidae	424.52	POUND	.93	o, t
Whelks, other	Melongenidae	223,772.17	POUND	.29	o, t
<b>TOTAL FISHERY BYCATCH</b>		330,656.60	POUND		
<b>TOTAL FISHERY LANDINGS</b>		2,184,512.16	POUND		

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>TOTAL CATCH (Bycatch + Landings)</b>		2,515,168.76	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.13			
<b>Mid-Atlantic Extra-Large-Mesh Gillnet</b>					
American lobster	Homarus americanus	1,924.03	POUND	.41	t
Atlantic angel shark	Squatina dumeril	8,169.10	POUND	.41	t
Atlantic cod	Gadus morhua	336.23	POUND	.98	b
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	24,097.03	POUND	.56	c, t
Basking shark	Cetorhinus maximus	181,409.13	POUND	.88	t
Benthic species, other	Animalia	60,403.25	POUND	1.03	o, t, u, v
Black sea bass	Centropristis striata	107.75	POUND	.91	
Blue shark	Prionace glauca	21,978.86	POUND	.5	t
Bluefish	Pomatomus saltatrix	8,308.62	POUND	.49	
Bony fishes, other	Osteichthyes	942.51	POUND	.89	o, t
Decapod crabs	Decapoda	2,748.51	POUND	.57	o, t
Flatfishes, other	Pleuronectiformes	592.84	POUND	.8	o, t
Gadiformes, other	Gadiformes	302.49	POUND	.81	o, t
Gastropod snails, other	Gastropoda	25.40	POUND	.89	o, t
Horseshoe crab	Limulus polyphemus	97,599.02	POUND	.36	t
Jonah crab	Cancer borealis	18,147.25	POUND	.28	t
Little tunny	Euthynnus alletteratus	522.46	POUND	.89	t
Menhaden, unc	Brevoortia	725.64	POUND	.86	o, t
Monkfish	Lophius americanus	161,386.97	POUND	.39	e, f
Ocean pout	Zoarces americanus	7.79	POUND	1.26	
Perciformes, other (demersal)	Perciformes	1,702.59	POUND	.72	o, t
Rays, other (demersal)	Myliobatiformes	907.05	POUND	.89	o, t
Sandbar shark	Carcharhinus plumbeus	116,980.72	POUND	.45	t
Scorpionfishes, other	Scorpaeniformes	114.24	POUND	.59	o, t
Scup	Stenotomus chrysops	145.40	POUND	.82	
Sea scallop	Placopecten magellanicus	434.24	POUND	.49	l
Shark, unc	Chondrichthyes	94,350.69	POUND	.82	o, t
Silver hake	Merluccius bilinearis	226.26	POUND	.6	m
Skate Complex	Rajidae	780,109.96	POUND	.14	n, o
Smooth dogfish	Mustelus canis	12,634.34	POUND	.6	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Soft coral, unc	Alcyonacea	39.91	POUND	.9	o, t
Spiny dogfish	Squalus acanthias	81,266.73	POUND	.21	
Stingrays, other (demersal)	Dasyatidae	6,726.22	POUND	1.31	o, t
Striped bass	Morone saxatilis	430.76	POUND	.73	t
Summer flounder	Paralichthys dentatus	26,692.43	POUND	.48	
Tautog	Tautoga onitis	142.80	POUND	.9	t
Thresher shark	Alopias vulpinus	649.11	POUND	1.26	t
Tuna, unc	Thunnus	58.42	POUND	1.25	o, t
Whelks, other	Melongenidae	1.30	POUND	1.26	o, t
Windowpane	Scophthalmus aquosus	6.49	POUND	1.26	p, q
<b>TOTAL FISHERY BYCATCH</b>		1,713,354.54	POUND		
<b>TOTAL FISHERY LANDINGS</b>		7,037,050.80	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		8,750,405.34	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.20			
<b>Mid-Atlantic Fish Pots and Traps</b>					
American lobster	Homarus americanus	20,853.86	POUND	.9	t
Atlantic croaker	Micropogonias undulatus	4,166.47	POUND	1.32	t
Benthic species, other	Animalia	555.71	POUND	1	o, t, u, v
Black sea bass	Centropristis striata	137,835.20	POUND	.54	
Bony fishes, other	Osteichthyes	65.23	POUND	.65	o, t
Decapod crabs	Decapoda	31,684.66	POUND	.65	o, t
Flatfishes, other	Pleuronectiformes	597.36	POUND	1.45	o, t
Gadiformes, other	Gadiformes	318.29	POUND	.57	o, t
Groupers, unc	Serranidae	96.00	POUND	1.34	o, t
Jonah crab	Cancer borealis	239,993.30	POUND	.44	t
Perciformes, other (demersal)	Perciformes	385.96	POUND	.65	o, t
Pigfish	Orthopristis chrysoptera	130.47	POUND	.65	t
Scorpionfishes, other	Scorpaeniformes	11,463.23	POUND	1.42	o, t
Scup	Stenotomus chrysops	3,017.41	POUND	.92	
Spadefishes	Ephippidae	64.00	POUND	1.34	o, t
Summer flounder	Paralichthys dentatus	2,527.05	POUND	.75	
Tautog	Tautoga onitis	19,560.29	POUND	.99	t
Triggerfishes, unc	Balistidae	2,314.88	POUND	1.15	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Whelks, other	Melongenidae	213.36	POUND	1.75	o, t
<b>TOTAL FISHERY BYCATCH</b>		475,842.73	POUND		
<b>TOTAL FISHERY LANDINGS</b>		508,380.80	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		984,223.53	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.48			
<b>Mid-Atlantic General Category Closed Area Scallop Dredge</b>					
Benthic species, other	Animalia	19,354.40	POUND	.65	o, t, u, v
Chain dogfish	Scyliorhinus retifer	94.37	POUND	.7	t
Decapod crabs	Decapoda	6,799.47	POUND	.3	o, t
Flatfishes, other	Pleuronectiformes	861.75	POUND	.52	o, t
Gadiformes, other	Gadiformes	3,819.36	POUND	.31	o, t
Gastropod snails, other	Gastropoda	137.29	POUND	.41	o, t
Horseshoe crab	Limulus polyphemus	335.02	POUND	.73	t
Jonah crab	Cancer borealis	410.19	POUND	.83	t
Longfin inshore squid	Loligo pealeii	7.63	POUND	.41	h
Monkfish	Lophius americanus	2,074.69	POUND	.26	e, f
Ray-finned fishes, other (demersal)	Actinopterygii	19.83	POUND	.41	o, t
Red hake	Urophycis chuss	91.53	POUND	.41	k
Sea scallop	Placopecten magellanicus	26,982.77	POUND	.65	l
Silver hake	Merluccius bilinearis	23.59	POUND	1.05	m
Skate Complex	Rajidae	1,327.60	POUND	.32	n, o
Windowpane	Scophthalmus aquosus	18.87	POUND	1.05	p, q
<b>TOTAL FISHERY BYCATCH</b>		62,358.36	POUND		
<b>TOTAL FISHERY LANDINGS</b>		2,165,181.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		2,227,539.36	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.03			
<b>Mid-Atlantic General Category Open Area Scallop Dredge</b>					
American lobster	Homarus americanus	329.78	POUND	.47	t
American shad	Alosa sapidissima	59.31	POUND	.84	t
Atlantic cod	Gadus morhua	71.17	POUND	1.07	b
Atlantic herring	Clupea harengus	15.82	POUND	.84	
Benthic species, other	Animalia	3,204,384.87	POUND	.18	o, t, u, v
Bivalves, other	Bivalvia	6,868.45	POUND	.49	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Black sea bass	Centropristis striata	772.24	POUND	.34	
Bony fishes, other	Osteichthyes	3.39	POUND	1.06	o, t
Butterfish	Peprilus triacanthus	8.04	POUND	.62	
Cunner	Tautogolabrus adspersus	56.94	POUND	1.06	t
Decapod crabs	Decapoda	9,559.56	POUND	.2	o, t
Demersal species, other	Animalia	2,879.29	POUND	1.06	o, t, u
Flatfishes, other	Pleuronectiformes	10,520.46	POUND	.14	o, t
Gadiformes, other	Gadiformes	1,414.93	POUND	.38	o, t
Gastropod snails, other	Gastropoda	6,883.85	POUND	.34	o, t
Haddock	Melanogrammus aeglefinus	30.68	POUND	.54	g
Horseshoe crab	Limulus polyphemus	894.88	POUND	.37	t
Jonah crab	Cancer borealis	5,307.66	POUND	.3	t
Longfin inshore squid	Loligo pealeii	662.39	POUND	.36	h
Monkfish	Lophius americanus	76,110.11	POUND	.16	e, f
Northern shortfin squid	Illex illecebrosus	18.63	POUND	1.06	i
Ocean pout	Zoarces americanus	154.21	POUND	.62	
Ocean quahog	Arctica islandica	50.81	POUND	1.06	
Offshore hake	Merluccius albidus	56.94	POUND	1.06	
Ray-finned fishes, other (demersal)	Actinopterygii	22.02	POUND	1.06	o, t
Rays, other (demersal)	Myliobatiformes	142.35	POUND	1.06	o, t
Red hake	Urophycis chuss	1,674.93	POUND	.5	k
Scorpionfishes, other	Scorpaeniformes	6,443.06	POUND	.22	o, t
Scup	Stenotomus chrysops	355.29	POUND	.54	
Sea scallop	Placopecten magellanicus	74,134.35	POUND	.32	l
Silver hake	Merluccius bilinearis	1,733.37	POUND	.32	m
Skate Complex	Rajidae	1,888,838.23	POUND	.12	n, o
Smooth dogfish	Mustelus canis	130.71	POUND	1.01	t
Spiny dogfish	Squalus acanthias	12,071.35	POUND	.22	
Summer flounder	Paralichthys dentatus	39,659.68	POUND	.17	
Whelks, other	Melongenidae	771.11	POUND	.99	o, t
Windowpane	Scophthalmus aquosus	43,901.49	POUND	.2	p, q
Winter flounder	Pseudopleuronectes americanus	2,401.54	POUND	.31	r
Witch flounder	Glyptocephalus cynoglossus	881.86	POUND	.49	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Yellowtail flounder	Limanda ferruginea	9,638.92	POUND	.25	s
<b>TOTAL FISHERY BYCATCH</b>		5,409,914.67	POUND		
<b>TOTAL FISHERY LANDINGS</b>		9,679,330.16	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		15,089,244.83	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.36			
<b>Mid-Atlantic General Category Open Area Scallop Trawl</b>					
Alewife	Alosa pseudoharengus	1.58	POUND	.29	t
American lobster	Homarus americanus	32.73	POUND	.93	t
American plaice	Hippoglossoides platessoides	136.79	POUND	.29	
Atlantic cod	Gadus morhua	2,184.97	POUND	1.11	b
Atlantic surfclam	Spisula solidissima	71.20	POUND	1.07	
Benthic species, other	Animalia	4,305.30	POUND	.29	o, t, u, v
Bivalves, other	Bivalvia	811.20	POUND	.39	o, t
Black sea bass	Centropristis striata	1,453.24	POUND	.94	
Bony fishes, other	Osteichthyes	152.57	POUND	1.05	o, t
Butterfish	Peprilus triacanthus	6.10	POUND	.88	
Decapod crabs	Decapoda	8,734.16	POUND	.29	o, t
Flatfishes, other	Pleuronectiformes	10,582.45	POUND	.28	o, t
Gadiformes, other	Gadiformes	37.88	POUND	.35	o, t
Gastropod snails, other	Gastropoda	2,005.93	POUND	.17	o, t
Horseshoe crab	Limulus polyphemus	310.03	POUND	.62	t
Jonah crab	Cancer borealis	22.80	POUND	.64	t
Longfin inshore squid	Loligo pealeii	329.87	POUND	.61	h
Monkfish	Lophius americanus	20,051.58	POUND	.25	e, f
Ocean pout	Zoarces americanus	316.73	POUND	.98	
Ocean quahog	Arctica islandica	572.86	POUND	1.21	
Red hake	Urophycis chuss	230.90	POUND	.99	k
Scorpionfishes, other	Scorpaeniformes	2,001.22	POUND	.34	o, t
Scup	Stenotomus chrysops	530.37	POUND	.87	
Sea scallop	Placopecten magellanicus	28,019.99	POUND	.37	l
Silver hake	Merluccius bilinearis	1,019.55	POUND	.7	m
Skate Complex	Rajidae	607,670.20	POUND	.25	n, o
Smooth dogfish	Mustelus canis	3,586.36	POUND	.48	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Spiny dogfish	Squalus acanthias	116,895.89	POUND	.69	
Stingrays, other (demersal)	Dasyatidae	1,677.66	POUND	1.19	o, t
Summer flounder	Paralichthys dentatus	12,504.80	POUND	.65	
Windowpane	Scophthalmus aquosus	7,542.19	POUND	.3	p, q
Winter flounder	Pseudopleuronectes americanus	4,613.82	POUND	.43	r
Witch flounder	Glyptocephalus cynoglossus	199.05	POUND	.93	
Yellowtail flounder	Limanda ferruginea	3,099.92	POUND	.39	s
<b>TOTAL FISHERY BYCATCH</b>		841,711.89	POUND		
<b>TOTAL FISHERY LANDINGS</b>		775,810.23	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		1,617,522.12	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.52			
<b>Mid-Atlantic Hand Line</b>					
Black sea bass	Centropristis striata	316.92	POUND	1.17	
Ray-finned fishes, other (demersal)	Actinopterygii	4,436.92	POUND	1.17	o, t
Scorpionfishes, other	Scorpaeniformes	1,267.69	POUND	1.17	o, t
Shark, unc	Chondrichthyes	633,845.99	POUND	1.36	o, t
Striped bass	Morone saxatilis	44,369.22	POUND	.7	t
Summer flounder	Paralichthys dentatus	1,584.61	POUND	1.17	
Tautog	Tautoga onitis	8,137.52	POUND	.68	t
<b>TOTAL FISHERY BYCATCH</b>		693,958.87	POUND		
<b>TOTAL FISHERY LANDINGS</b>		483,527.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		1,177,485.87	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.59			
<b>Mid-Atlantic Large-Mesh Gillnet</b>					
American lobster	Homarus americanus	134.73	POUND	.77	t
American shad	Alosa sapidissima	764.90	POUND	.57	t
Atlantic angel shark	Squatina dumeril	1,256.69	POUND	2.72	t
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	2,447.91	POUND	1.87	c, t
Benthic species, other	Animalia	347.68	POUND	.59	o, t, u, v
Black sea bass	Centropristis striata	287.24	POUND	2.66	
Bluefish	Pomatomus saltatrix	20,904.44	POUND	.7	
Bony fishes, other	Osteichthyes	651.91	POUND	.78	o, t
Butterfish	Peprilus triacanthus	5.22	POUND	2.22	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Decapod crabs	Decapoda	8,649.70	POUND	.74	o, t
Dusky shark	Carcharhinus obscurus	1,615.74	POUND	2.72	t
Gadiformes, other	Gadiformes	369.41	POUND	.75	o, t
Herrings, other	Clupeiformes	999.59	POUND	.69	o, t
Horseshoe crab	Limulus polyphemus	2,946.12	POUND	.55	t
Jonah crab	Cancer borealis	217.30	POUND	.52	t
Menhaden, unc	Brevoortia	20,386.92	POUND	1.64	o, t
Pelagic species, other	Animalia	400.03	POUND	2.01	o, t, u
Perciformes, other (demersal)	Perciformes	86.92	POUND	.75	o, t
Pipefishes (pelagic)	Gasterosteiformes	4.35	POUND	.75	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	5,862.80	POUND	.49	o, t
Rays, other (demersal)	Myliobatiformes	573.98	POUND	2.2	o, t
Sandbar shark	Carcharhinus plumbeus	9,235.82	POUND	2.2	t
Scorpionfishes, other	Scorpaeniformes	755.54	POUND	.57	o, t
Skate Complex	Rajidae	88,327.25	POUND	.72	n, o
Smooth dogfish	Mustelus canis	6,498.13	POUND	.54	t
Spinner shark	Carcharhinus brevipinna	1,436.22	POUND	2.72	t
Spiny dogfish	Squalus acanthias	118,939.85	POUND	.36	
Striped bass	Morone saxatilis	45,378.98	POUND	.5	t
Summer flounder	Paralichthys dentatus	1,960.76	POUND	1.5	
Tautog	Tautoga onitis	339.17	POUND	2.2	t
Thresher shark	Alopias vulpinus	1,826.29	POUND	2.22	t
Whelks, other	Melongenidae	217.32	POUND	.75	o, t
Windowpane	Scophthalmus aquosus	517.33	POUND	.66	p, q
Winter flounder	Pseudopleuronectes americanus	13.04	POUND	.75	r
<b>TOTAL FISHERY BYCATCH</b>		344,359.28	POUND		
<b>TOTAL FISHERY LANDINGS</b>		6,014,112.20	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		6,358,471.48	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.05			
<b>Mid-Atlantic Large-Mesh Otter Trawl</b>					
Alewife	Alosa pseudoharengus	1,093.31	POUND	.43	t
American lobster	Homarus americanus	23,600.29	POUND	.64	t
American plaice	Hippoglossoides platessoides	8,222.46	POUND	.78	



COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
American shad	<i>Alosa sapidissima</i>	2,347.32	POUND	.62	t
Atlantic angel shark	<i>Squatina dumeril</i>	5,539.04	POUND	.44	t
Atlantic cod	<i>Gadus morhua</i>	112.99	POUND	.86	b
Atlantic croaker	<i>Micropogonias undulatus</i>	494.87	POUND	.57	t
Atlantic herring	<i>Clupea harengus</i>	805.71	POUND	.44	
Atlantic mackerel	<i>Scomber scombrus</i>	1,534.91	POUND	1.01	
Atlantic sturgeon	<i>Acipenser oxyrinchus oxyrinchus</i>	8,214.43	POUND	.53	c, t
Atlantic surfclam	<i>Spisula solidissima</i>	2,046.82	POUND	.42	
Benthic species, other	Animalia	799,441.00	POUND	.24	o, t, u, v
Bivalves, other	Bivalvia	36,492.15	POUND	.43	o, t
Black sea bass	<i>Centropristis striata</i>	203,889.64	POUND	.36	
Blueback herring	<i>Alosa aestivalis</i>	16.11	POUND	.99	t
Bluefish	<i>Pomatomus saltatrix</i>	2,577.76	POUND	.55	
Blueline tilefish	<i>Caulolatilus microps</i>	93.61	POUND	1.11	t
Bony fishes, other	Osteichthyes	73.20	POUND	.67	o, t
Butterfish	<i>Peprilus triacanthus</i>	14,655.62	POUND	.23	
Carcharhinid shark, unc	<i>Carcharhinus</i>	378.37	POUND	.88	o, t
Chain dogfish	<i>Scyliorhinus retifer</i>	16,714.64	POUND	.26	t
Croakers and drums, other	Sciaenidae	451.90	POUND	.47	o, t
Decapod crabs	Decapoda	60,150.56	POUND	.19	o, t
Demersal species, other	Animalia	27,164.11	POUND	.25	o, t, u
Dories, other	Zeiformes	1,338.38	POUND	.4	o, t
Dusky shark	<i>Carcharhinus obscurus</i>	513.51	POUND	.88	t
Flatfishes, other	Pleuronectiformes	228,878.52	POUND	.17	o, t
Gadiformes, other	Gadiformes	60,469.32	POUND	.21	o, t
Gastropod snails, other	Gastropoda	4,375.73	POUND	.43	o, t
Haddock	<i>Melanogrammus aeglefinus</i>	834.26	POUND	.62	g
Herrings, other	Clupeiformes	151.72	POUND	1.05	o, t
Hickory shad	<i>Alosa mediocris</i>	24.48	POUND	.86	t
Horseshoe crab	<i>Limulus polyphemus</i>	391,001.69	POUND	.27	t
Jonah crab	<i>Cancer borealis</i>	139,538.06	POUND	.18	t
Longfin inshore squid	<i>Loligo pealeii</i>	18,844.48	POUND	.27	h
Menhaden, unc	<i>Brevoortia</i>	59.46	POUND	.7	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Monkfish	Lophius americanus	180,867.83	POUND	.2	e, f
Northern shortfin squid	Illex illecebrosus	540.84	POUND	.61	i
Ocean pout	Zoarces americanus	17,070.00	POUND	.79	
Ocean quahog	Arctica islandica	3,296.31	POUND	.8	
Offshore hake	Merluccius albidus	546.14	POUND	.85	
Pelagic species, other	Animalia	48.30	POUND	.7	o, t, u
Perciformes, other (demersal)	Perciformes	804.54	POUND	.79	o, t
Pinfish	Lagodon rhomboides	54.05	POUND	.88	t
Pipefishes (demersal)	Gasterosteiformes	50.85	POUND	.85	o, t
Pipefishes (pelagic)	Gasterosteiformes	1.80	POUND	.88	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	545.96	POUND	.69	o, t
Ray-finned fishes, other (pelagic)	Actinopterygii	18.83	POUND	.85	o, t
Rays, other (demersal)	Myliobatiformes	43,933.19	POUND	.38	o, t
Red deepsea crab	Chaceon quinquedens	4,441.30	POUND	.56	j
Red drum	Sciaenops ocellatus	77.48	POUND	.87	t
Red hake	Urophycis chuss	21,782.21	POUND	.5	k
Sand tiger shark	Carcharias taurus	324.32	POUND	.87	t
Sandbar shark	Carcharhinus plumbeus	954.94	POUND	.63	t
Scorpionfishes, other	Scorpaeniformes	1,796,049.54	POUND	.33	o, t
Scup	Stenotomus chrysops	250,052.79	POUND	.32	
Sea bass, unc	Centropristis	11.30	POUND	.85	o, t
Sea scallop	Placopecten magellanicus	125,916.01	POUND	.29	l
Silver hake	Merluccius bilinearis	75,235.04	POUND	.38	m
Skate Complex	Rajidae	16,138,706.83	POUND	.1	n, o
Smooth dogfish	Mustelus canis	139,500.09	POUND	.25	t
Smooth hammerhead shark	Sphyrna zygaena	432.43	POUND	.88	t
Spiny dogfish	Squalus acanthias	4,275,332.55	POUND	.24	
Spot	Leiostomus xanthurus	1,144.38	POUND	.75	t
Squids, unc	Loliginidae	230.52	POUND	.61	o, t
Stingrays, other (demersal)	Dasyatidae	50,871.58	POUND	.47	o, t
Striped bass	Morone saxatilis	8,451.75	POUND	.36	t
Summer flounder	Paralichthys dentatus	347,091.21	POUND	.2	
Tautog	Tautoga onitis	1,811.54	POUND	.6	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Tetraodontiformes, other (demersal)	Tetraodontiformes	713.92	POUND	.4	o, t
Tilefish	Lopholatilus chamaeleonticeps	39.55	POUND	.85	
Triggerfishes, unc	Balistidae	2,649.75	POUND	.62	o, t
Weakfish	Cynoscion regalis	3,050.73	POUND	1.05	t
Whelks, other	Melongenidae	3,990.50	POUND	.42	o, t
White hake	Urophycis tenuis	132.45	POUND	.59	
Windowpane	Scophthalmus aquosus	308,609.11	POUND	.13	p, q
Winter flounder	Pseudopleuronectes americanus	26,011.48	POUND	.29	r
Witch flounder	Glyptocephalus cynoglossus	30,698.72	POUND	.3	
Yellowtail flounder	Limanda ferruginea	12,159.18	POUND	.37	s
<b>TOTAL FISHERY BYCATCH</b>		25,936,392.27	POUND		
<b>TOTAL FISHERY LANDINGS</b>		14,203,261.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		40,139,653.27	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.65			
<b>Mid-Atlantic Limited Access Closed Area Scallop Dredge</b>					
American lobster	Homarus americanus	98.61	POUND	.66	t
Benthic species, other	Animalia	235,937.25	POUND	.21	o, t, u, v
Bivalves, other	Bivalvia	1,100.04	POUND	.6	o, t
Black sea bass	Centropristis striata	6.73	POUND	.18	
Bony fishes, other	Osteichthyes	8.45	POUND	.96	o, t
Butterfish	Peprilus triacanthus	154.95	POUND	.52	
Chain dogfish	Scyliorhinus retifer	944.96	POUND	.22	t
Decapod crabs	Decapoda	66,474.55	POUND	.23	o, t
Flatfishes, other	Pleuronectiformes	8,329.42	POUND	.22	o, t
Gadiformes, other	Gadiformes	8,364.56	POUND	.19	o, t
Gastropod snails, other	Gastropoda	4,361.00	POUND	.41	o, t
Haddock	Melanogrammus aeglefinus	1.41	POUND	.96	g
Horseshoe crab	Limulus polyphemus	1,834.56	POUND	.31	t
Jonah crab	Cancer borealis	20,421.11	POUND	.43	t
Longfin inshore squid	Loligo pealeii	1,278.26	POUND	.36	h
Monkfish	Lophius americanus	49,933.15	POUND	.19	e, f
Northern shortfin squid	Illex illecebrosus	10.47	POUND	.64	i
Ocean quahog	Arctica islandica	28.17	POUND	.94	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Perciformes, other (demersal)	Perciformes	1.41	POUND	.96	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	42.26	POUND	.65	o, t
Red hake	Urophycis chuss	339.36	POUND	.48	k
Scorpionfishes, other	Scorpaeniformes	51.68	POUND	.41	o, t
Sea scallop	Placopecten magellanicus	345,391.73	POUND	.32	l
Silver hake	Merluccius bilinearis	234.52	POUND	.28	m
Skate Complex	Rajidae	197,271.30	POUND	.49	n, o
Spiny dogfish	Squalus acanthias	1,204.30	POUND	.77	
Summer flounder	Paralichthys dentatus	4,840.42	POUND	.91	
Whelks, other	Melongenidae	732.57	POUND	.94	o, t
Windowpane	Scophthalmus aquosus	4,600.57	POUND	.63	p, q
Winter flounder	Pseudopleuronectes americanus	5.63	POUND	.96	r
Witch flounder	Glyptocephalus cynoglossus	68.82	POUND	.95	
Yellowtail flounder	Limanda ferruginea	66.76	POUND	1.21	s
<b>TOTAL FISHERY BYCATCH</b>		954,138.98	POUND		
<b>TOTAL FISHERY LANDINGS</b>		24,050,979.88	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		25,005,118.86	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.04			
<b>Mid-Atlantic Limited Access Open Area Scallop Dredge</b>					
Alewife	Alosa pseudoharengus	12.59	POUND	.99	t
American lobster	Homarus americanus	4,855.14	POUND	.16	t
American plaice	Hippoglossoides platessoides	97.00	POUND	.69	
American shad	Alosa sapidissima	10,093.50	POUND	.73	t
Atlantic cod	Gadus morhua	574.77	POUND	.29	b
Atlantic halibut	Hippoglossus hippoglossus	30.08	POUND	.9	
Atlantic herring	Clupea harengus	22.23	POUND	.55	
Benthic species, other	Animalia	29,923,628.12	POUND	.08	o, t, u, v
Bivalves, other	Bivalvia	42,812.30	POUND	.51	o, t
Black sea bass	Centropristis striata	15,536.92	POUND	.23	
Bluefish	Pomatomus saltatrix	124.86	POUND	.84	
Bony fishes, other	Osteichthyes	33.51	POUND	.76	o, t
Butterfish	Peprilus triacanthus	105.50	POUND	.42	
Chain dogfish	Scyliorhinus retifer	340.76	POUND	.41	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Decapod crabs	Decapoda	125,282.22	POUND	.18	o, t
Demersal species, other	Animalia	13,945.40	POUND	.39	o, t, u
Flatfishes, other	Pleuronectiformes	209,260.77	POUND	.07	o, t
Gadiformes, other	Gadiformes	17,544.15	POUND	.21	o, t
Gastropod snails, other	Gastropoda	74,744.17	POUND	.43	o, t
Haddock	Melanogrammus aeglefinus	218.37	POUND	.41	g
Horseshoe crab	Limulus polyphemus	19,040.33	POUND	.2	t
Jonah crab	Cancer borealis	82,820.70	POUND	.29	t
Longfin inshore squid	Loligo pealeii	6,319.85	POUND	.22	h
Monkfish	Lophius americanus	1,694,870.95	POUND	.08	e, f
Northern shortfin squid	Illex illecebrosus	36.94	POUND	.45	i
Ocean pout	Zoarces americanus	372.84	POUND	.28	
Ocean quahog	Arctica islandica	41.62	POUND	.85	
Pelagic species, other	Animalia	43.95	POUND	.63	o, t, u
Perciformes, other (demersal)	Perciformes	784.19	POUND	.49	o, t
Pipefishes (pelagic)	Gasterosteiformes	1.39	POUND	.84	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	106.89	POUND	.5	o, t
Red deepsea crab	Chaceon quinquedens	12.59	POUND	1.01	j
Red hake	Urophycis chuss	18,715.81	POUND	.25	k
Scorpionfishes, other	Scorpaeniformes	51,655.25	POUND	.19	o, t
Scup	Stenotomus chrysops	1,219.00	POUND	.3	
Sea scallop	Placopecten magellanicus	758,005.16	POUND	.22	l
Silver hake	Merluccius bilinearis	17,313.38	POUND	.14	m
Skate Complex	Rajidae	16,979,387.11	POUND	.07	n, o
Smooth dogfish	Mustelus canis	812.59	POUND	.41	t
Spiny dogfish	Squalus acanthias	157,292.12	POUND	.14	
Summer flounder	Paralichthys dentatus	596,785.43	POUND	.1	
Tetraodontiformes, other (demersal)	Tetraodontiformes	253.85	POUND	.47	o, t
Tilefish	Lopholatilus chamaeleonticeps	47.27	POUND	.77	
Weakfish	Cynoscion regalis	25.18	POUND	.99	t
Whelks, other	Melongenidae	20,671.24	POUND	.37	o, t
White hake	Urophycis tenuis	542.70	POUND	.46	
Windowpane	Scophthalmus aquosus	190,192.16	POUND	.13	p, q

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Winter flounder	Pseudopleuronectes americanus	36,174.06	POUND	.32	r
Witch flounder	Glyptocephalus cynoglossus	12,007.89	POUND	.15	
Yellowtail flounder	Limanda ferruginea	126,019.12	POUND	.14	s
<b>TOTAL FISHERY BYCATCH</b>		51,210,833.92	POUND		
<b>TOTAL FISHERY LANDINGS</b>		129,405,171.70	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		180,616,005.62	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.28			
<b>Mid-Atlantic Lobster Pots</b>					
American lobster	Homarus americanus	514,111.07	POUND	.4	t
Benthic species, other	Animalia	2,735.95	POUND	1.86	o, t, u, v
Black sea bass	Centropristis striata	10,149.05	POUND	.8	
Cunner	Tautoglabrus adspersus	268.75	POUND	.47	t
Demersal species, other	Animalia	47.52	POUND	.77	o, t, u
Gadiformes, other	Gadiformes	95.04	POUND	.53	o, t
Jonah crab	Cancer borealis	165,037.57	POUND	.51	t
Monkfish	Lophius americanus	207.90	POUND	.77	e, f
Ocean pout	Zoarces americanus	1,814.09	POUND	.47	
Ray-finned fishes, other (demersal)	Actinopterygii	2,188.60	POUND	.56	o, t
Red hake	Urophycis chuss	2,874.53	POUND	.6	k
Scorpionfishes, other	Scorpaeniformes	1,406.05	POUND	.46	o, t
Sea bass, unc	Centropristis	23.76	POUND	.77	o, t
Skate Complex	Rajidae	324.09	POUND	.47	n, o
Spiny dogfish	Squalus acanthias	593.99	POUND	.88	
Summer flounder	Paralichthys dentatus	17.82	POUND	.88	
Tautog	Tautoga onitis	340.03	POUND	.5	t
Tilefish	Lopholatilus chamaeleonticeps	124.74	POUND	.8	
Triggerfishes, unc	Balistidae	148.50	POUND	.88	o, t
White hake	Urophycis tenuis	6,230.95	POUND	.76	
<b>TOTAL FISHERY BYCATCH</b>		708,740.00	POUND		
<b>TOTAL FISHERY LANDINGS</b>		1,804,227.18	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		2,512,967.18	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.28			
<b>Mid-Atlantic Small-Mesh Gillnet</b>					

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
American shad	<i>Alosa sapidissima</i>	586.65	POUND	.47	t
Atlantic angel shark	<i>Squatina dumeril</i>	35,104.32	POUND	4.05	t
Atlantic croaker	<i>Micropogonias undulatus</i>	1,758.91	POUND	1.21	t
Atlantic sharpnose shark	<i>Rhizoprionodon terraenovae</i>	2,052.79	POUND	.6	t
Benthic species, other	Animalia	12,170.50	POUND	.54	o, t, u, v
Black drum	<i>Pogonias cromis</i>	3,422.14	POUND	.56	t
Bluefish	<i>Pomatomus saltatrix</i>	669.64	POUND	.51	
Bonnethead shark	<i>Sphyrna tiburo</i>	879.98	POUND	.57	t
Butterfish	<i>Peprilus triacanthus</i>	58.67	POUND	.47	
Carcharhinid shark, unc	<i>Carcharhinus</i>	1,743.17	POUND	1.7	o, t
Cobia	<i>Rachycentron canadum</i>	2,796.38	POUND	.57	t
Croakers and drums, other	Sciaenidae	938.64	POUND	.48	o, t
Decapod crabs	Decapoda	7,953.41	POUND	.94	o, t
Demersal species, other	Animalia	586.65	POUND	.54	o, t, u
Flatfishes, other	Pleuronectiformes	256.51	POUND	.85	o, t
Herrings, other	Clupeiformes	867.69	POUND	6.4	o, t
Horseshoe crab	<i>Limulus polyphemus</i>	2,325.39	POUND	.73	t
Menhaden, unc	<i>Brevoortia</i>	131,192.66	POUND	1.84	o, t
Pelagic species, other	Animalia	7,513.22	POUND	.64	o, t, u
Perciformes, other (pelagic)	Perciformes	1,293.32	POUND	.69	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	793.70	POUND	1.29	o, t
Rays, other (demersal)	Myliobatiformes	1,708.99	POUND	1.7	o, t
Sand tiger shark	<i>Carcharias taurus</i>	2,696.76	POUND	6.81	t
Sandbar shark	<i>Carcharhinus plumbeus</i>	38,148.45	POUND	3.56	t
Scorpionfishes, other	Scorpaeniformes	6,032.73	POUND	1.64	o, t
Shark, unc	Chondrichthyes	20,224.48	POUND	4.48	o, t
Sheepshead	<i>Archosargus probatocephalus</i>	170.90	POUND	1.56	t
Silky shark	<i>Carcharhinus falciformis</i>	307.62	POUND	1.7	t
Skate Complex	Rajidae	3,471.29	POUND	2.17	n, o
Smooth dogfish	<i>Mustelus canis</i>	270,269.41	POUND	6.63	t
Spadefishes	Ephippidae	78.22	POUND	.56	o, t
Spanish mackerel	<i>Scomberomorus maculatus</i>	195.55	POUND	.57	t
Spinner shark	<i>Carcharhinus brevipinna</i>	11,242.67	POUND	6.02	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Spiny dogfish	Squalus acanthias	6,013.78	POUND	6.63	
Spot	Leiostomus xanthurus	16,301.36	POUND	.55	t
Striped bass	Morone saxatilis	341.80	POUND	1.68	t
Summer flounder	Paralichthys dentatus	449.77	POUND	.36	
Tetraodontiformes, other (demersal)	Tetraodontiformes	170.90	POUND	1.68	o, t
Weakfish	Cynoscion regalis	312.88	POUND	.56	t
Whelks, other	Melongenidae	449.81	POUND	.39	o, t
Windowpane	Scophthalmus aquosus	144.11	POUND	1.06	p, q
<b>TOTAL FISHERY BYCATCH</b>		593,695.82	POUND		
<b>TOTAL FISHERY LANDINGS</b>		4,162,060.31	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		4,755,756.13	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.12			
<b>Mid-Atlantic Small-Mesh Otter Trawl</b>					
Acadian redfish	Sebastes fasciatus	571.58	POUND	1.94	a
Alewife	Alosa pseudoharengus	18,868.18	POUND	.53	t
Amberjack, unc	Seriola	83.70	POUND	.42	o, t
American eel	Anguilla rostrata	122.07	POUND	2.16	t
American lobster	Homarus americanus	12,384.48	POUND	.41	t
American plaice	Hippoglossoides platessoides	668.04	POUND	.51	
American shad	Alosa sapidissima	22,698.12	POUND	.64	t
Atlantic angel shark	Squatina dumeril	12,370.25	POUND	.31	t
Atlantic bonito	Sarda sarda	561.99	POUND	.61	t
Atlantic cod	Gadus morhua	437.44	POUND	.71	b
Atlantic croaker	Micropogonias undulatus	209,180.64	POUND	1.42	t
Atlantic herring	Clupea harengus	6,198.16	POUND	1.33	
Atlantic mackerel	Scomber scombrus	26,406.54	POUND	.45	
Atlantic moonfish	Selene setapinnis	43.61	POUND	.68	t
Atlantic sharpnose shark	Rhizoprionodon terraenovae	1,006.74	POUND	1.58	t
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	25,232.35	POUND	.64	c, t
Atlantic surfclam	Spisula solidissima	6.42	POUND	.66	
Basking shark	Cetorhinus maximus	49,348.17	POUND	.47	t
Benthic species, other	Animalia	189,318.13	POUND	.43	o, t, u, v
Bigeye scad	Selar crumenophthalmus	8.19	POUND	.84	t



COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Bigeye thresher	Alopias superciliosus	6,485.04	POUND	.79	t
Bivalves, other	Bivalvia	6,276.18	POUND	.38	o, t
Black drum	Pogonias cromis	3,859.77	POUND	1.73	t
Black sea bass	Centropristis striata	288,071.49	POUND	.41	
Blue runner	Caranx crysos	592.20	POUND	.83	t
Blue shark	Prionace glauca	3,925.16	POUND	.61	t
Blueback herring	Alosa aestivalis	8,644.70	POUND	.73	t
Bluefish	Pomatomus saltatrix	8,707.13	POUND	.61	
Blueline tilefish	Caulolatilus microps	551.80	POUND	.61	t
Bony fishes, other	Osteichthyes	99,938.25	POUND	1.93	o, t
Butterfish	Peprilus triacanthus	1,181,493.18	POUND	.28	
Carcharhinid shark, unc	Carcharhinus	41,397.24	POUND	.41	o, t
Chain dogfish	Scyliorhinus retifer	16,609.55	POUND	.71	t
Crevalle jack	Caranx hippos	3.85	POUND	.66	t
Croakers and drums, other	Sciaenidae	676.53	POUND	1.39	o, t
Cunner	Tautoglabrus adspersus	56.15	POUND	1.11	t
Decapod crabs	Decapoda	66,467.11	POUND	.36	o, t
Decapod shrimps	Decapoda	6,002.29	POUND	.84	o, t
Demersal species, other	Animalia	16,045.06	POUND	.33	o, t, u
Dories, other	Zeiformes	132,082.84	POUND	.18	o, t
Dusky shark	Carcharhinus obscurus	546.11	POUND	.84	t
Flatfishes, other	Pleuronectiformes	174,116.62	POUND	.42	o, t
Gadiformes, other	Gadiformes	771,532.43	POUND	.28	o, t
Gastropod snails, other	Gastropoda	249.20	POUND	.67	o, t
Haddock	Melanogrammus aeglefinus	16,934.22	POUND	.83	g
Hammerhead shark, unc	Sphyrnidae	2,607.24	POUND	.5	o, t
Herrings, other	Clupeiformes	73,786.44	POUND	.29	o, t
Hickory shad	Alosa mediocris	665.91	POUND	.64	t
Horseshoe crab	Limulus polyphemus	204,001.97	POUND	.26	t
Jacks	Carangidae	358.95	POUND	.43	o, t
Jonah crab	Cancer borealis	31,464.64	POUND	.32	t
Longfin inshore squid	Loligo pealeii	234,093.44	POUND	.67	h
Mackerel scad	Decapterus macarellus	2.05	POUND	.84	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Mackerels, other	Scombridae	58,840.87	POUND	.24	o, t
Menhaden, unc	Brevoortia	5,626.80	POUND	.7	o, t
Monkfish	Lophius americanus	77,280.60	POUND	.38	e, f
Night shark	Carcharhinus signatus	7,561.33	POUND	.48	t
Northern shortfin squid	Illex illecebrosus	419,405.80	POUND	.87	i
Ocean pout	Zoarces americanus	34,555.66	POUND	.96	
Offshore hake	Merluccius albidus	6,951.39	POUND	.79	
Pandalid shrimp (northern)	Pandalus borealis	13.65	POUND	.84	t
Pelagic species, other	Animalia	21,425.03	POUND	.31	o, t, u
Penaeid shrimp (southern), unc	Penaeidae	25.66	POUND	.58	o, t
Perciformes, other (demersal)	Perciformes	6,064.63	POUND	1.13	o, t
Perciformes, other (pelagic)	Perciformes	147.18	POUND	1.08	o, t
Pilotfish	Naukrates ductor	3.41	POUND	.57	t
Pipefishes (demersal)	Gasterosteiformes	259.28	POUND	.65	o, t
Pipefishes (pelagic)	Gasterosteiformes	3.89	POUND	.57	o, t
Pollock	Pollachius virens	175.49	POUND	1.68	
Porgy, unc	Sparidae	0.64	POUND	.66	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	43,659.83	POUND	.23	o, t
Rays, other (demersal)	Myliobatiformes	62,508.02	POUND	.28	o, t
Red deepsea crab	Chaceon quinquedens	77.90	POUND	1.54	j
Red drum	Sciaenops ocellatus	18.40	POUND	2.32	t
Red hake	Urophycis chuss	375,078.35	POUND	.32	k
Rough scad	Trachurus lathami	1,783.03	POUND	.42	t
Sand tiger shark	Carcharias taurus	4,425.11	POUND	.96	t
Sandbar shark	Carcharhinus plumbeus	35,879.07	POUND	.34	t
Scalloped hammerhead shark	Sphyrna lewini	29,352.49	POUND	.29	c, t
Scorpionfishes, other	Scorpaeniformes	890,690.13	POUND	.44	o, t
Scup	Stenotomus chrysops	442,804.88	POUND	.44	
Sea bass, unc	Centropristis	84.59	POUND	1.58	o, t
Sea scallop	Placopecten magellanicus	122,357.67	POUND	.29	l
Shark, unc	Chondrichthyes	17,272.93	POUND	.79	o, t
Sheepshead	Archosargus probatocephalus	103.51	POUND	1.98	t
Silky shark	Carcharhinus falciformis	962.30	POUND	.61	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Silver hake	Merluccius bilinearis	453,395.15	POUND	.4	m
Skate Complex	Rajidae	3,003,841.26	POUND	.18	n, o
Smooth dogfish	Mustelus canis	306,114.31	POUND	.35	t
Spanish mackerel	Scomberomorus maculatus	48.12	POUND	.66	t
Spiny dogfish	Squalus acanthias	2,371,564.54	POUND	.27	
Spot	Leiostomus xanthurus	11,039.98	POUND	2.13	t
Squids, unc	Loliginidae	3.85	POUND	.61	o, t
Stingrays, other (demersal)	Dasyatidae	93,974.12	POUND	.29	o, t
Stingrays, other (pelagic)	Dasyatidae	84.65	POUND	.79	o, t
Striped bass	Morone saxatilis	20,054.70	POUND	.74	t
Summer flounder	Paralichthys dentatus	153,270.16	POUND	.34	
Swordfish	Xiphias gladius	7,878.50	POUND	.36	t
Tautog	Tautoga onitis	726.84	POUND	.58	t
Tetraodontiformes, other (demersal)	Tetraodontiformes	2,095.79	POUND	.68	o, t
Tetraodontiformes, other (pelagic)	Tetraodontiformes	16,676.43	POUND	.31	o, t
Thresher shark	Alopias vulpinus	8,619.55	POUND	.51	t
Tiger shark	Galeocerdo cuvier	9,111.77	POUND	.35	t
Tilefish	Lopholatilus chamaeleonticeps	1,798.42	POUND	.54	
Tilefish, unc	Malacanthidae	2.30	POUND	2.33	o, t
Triggerfishes, unc	Balistidae	100.64	POUND	.43	o, t
Tuna, unc	Thunnus	10.91	POUND	.48	o, t
Weakfish	Cynoscion regalis	12,219.08	POUND	1.44	t
Whelks, other	Melongenidae	234.96	POUND	.35	o, t
White hake	Urophycis tenuis	9,136.12	POUND	.83	
White shark	Carcharodon carcharias	866.07	POUND	.66	t
Windowpane	Scophthalmus aquosus	88,178.65	POUND	.28	p, q
Winter flounder	Pseudopleuronectes americanus	35,754.58	POUND	.32	r
Witch flounder	Glyptocephalus cynoglossus	34,588.91	POUND	.46	
Yellowtail flounder	Limanda ferruginea	10,277.05	POUND	.47	s
<b>TOTAL FISHERY BYCATCH</b>		13,290,826.47	POUND		
<b>TOTAL FISHERY LANDINGS</b>		52,519,306.92	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		65,810,133.39	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.20			

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>Mid-Atlantic Twin Trawl</b>					
Alewife	<i>Alosa pseudoharengus</i>	31.28	POUND	.52	t
American lobster	<i>Homarus americanus</i>	41.92	POUND	2.76	t
American plaice	<i>Hippoglossoides platessoides</i>	41.71	POUND	.52	
American shad	<i>Alosa sapidissima</i>	510.97	POUND	.49	t
Atlantic mackerel	<i>Scomber scombrus</i>	106.89	POUND	.52	
Benthic species, other	Animalia	45,637.51	POUND	.95	o, t, u, v
Bivalves, other	Bivalvia	2,981.93	POUND	2.84	o, t
Black sea bass	<i>Centropristis striata</i>	55.02	POUND	.86	
Bluefish	<i>Pomatomus saltatrix</i>	19,189.87	POUND	.52	
Blueline tilefish	<i>Caulolatilus microps</i>	484.90	POUND	.52	t
Bony fishes, other	Osteichthyes	45.59	POUND	.36	o, t
Butterfish	<i>Peprilus triacanthus</i>	115,380.65	POUND	.51	
Chain dogfish	<i>Scyliorhinus retifer</i>	145.07	POUND	.3	t
Decapod crabs	Decapoda	1,037.09	POUND	1.89	o, t
Demersal species, other	Animalia	813.89	POUND	.37	o, t, u
Dories, other	Zeiformes	20,807.60	POUND	.43	o, t
Flatfishes, other	Pleuronectiformes	10,115.22	POUND	.99	o, t
Gadiformes, other	Gadiformes	52,145.80	POUND	.29	o, t
Gastropod snails, other	Gastropoda	2,383.09	POUND	2.37	o, t
Hickory shad	<i>Alosa mediocris</i>	14.71	POUND	3.63	t
Horseshoe crab	<i>Limulus polyphemus</i>	213.80	POUND	2.58	t
Jacks	Carangidae	5.21	POUND	.52	o, t
Jonah crab	<i>Cancer borealis</i>	76.46	POUND	3.49	t
Longfin inshore squid	<i>Loligo pealeii</i>	18,555.29	POUND	.48	h
Mackerels, other	Scombridae	22,080.99	POUND	.52	o, t
Menhaden, unc	Brevoortia	20.85	POUND	3.63	o, t
Monkfish	<i>Lophius americanus</i>	3,934.31	POUND	.6	e, f
Northern shortfin squid	<i>Illex illecebrosus</i>	36,756.43	POUND	.3	i
Ocean pout	<i>Zoarces americanus</i>	214.08	POUND	2.81	
Offshore hake	<i>Merluccius albidus</i>	2.61	POUND	.51	
Pelagic species, other	Animalia	7.36	POUND	3.63	o, t, u
Perciformes, other (pelagic)	Perciformes	1.56	POUND	.52	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Ray-finned fishes, other (demersal)	Actinopterygii	46.93	POUND	.39	o, t
Red hake	Urophycis chuss	2,654.41	POUND	.45	k
Rough scad	Trachurus lathami	5,495.48	POUND	.52	t
Scalloped hammerhead shark	Sphyrna lewini	782.09	POUND	.52	c, t
Scorpionfishes, other	Scorpaeniformes	5,538.28	POUND	.36	o, t
Scup	Stenotomus chrysops	1,772.22	POUND	.36	
Sea scallop	Placopecten magellanicus	15,309.48	POUND	2.41	l
Silver hake	Merluccius bilinearis	20,058.41	POUND	.37	m
Skate Complex	Rajidae	894,720.74	POUND	1.07	n, o
Smooth dogfish	Mustelus canis	7,828.00	POUND	2.03	t
Spiny dogfish	Squalus acanthias	104,280.28	POUND	1.29	
Squids, unc	Loliginidae	80.29	POUND	.52	o, t
Summer flounder	Paralichthys dentatus	3,088.96	POUND	.43	
Swordfish	Xiphias gladius	2,846.81	POUND	.41	t
Tetraodontiformes, other (demersal)	Tetraodontiformes	18.77	POUND	.52	o, t
Tetraodontiformes, other (pelagic)	Tetraodontiformes	5,702.39	POUND	.48	o, t
Tiger shark	Galeocerdo cuvier	417.11	POUND	.52	t
Tilefish	Lopholatilus chamaeleonticeps	545.38	POUND	.41	
Windowpane	Scophthalmus aquosus	4,247.01	POUND	1.14	p, q
Winter flounder	Pseudopleuronectes americanus	237.05	POUND	2.63	r
Witch flounder	Glyptocephalus cynoglossus	203.17	POUND	.53	
Yellowtail flounder	Limanda ferruginea	659.72	POUND	.6	s
<b>TOTAL FISHERY BYCATCH</b>		1,430,372.64	POUND		
<b>TOTAL FISHERY LANDINGS</b>		1,344,283.59	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		2,774,656.23	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.52			
<b>New England Bottom Longline</b>					
Acadian redfish	Sebastes fasciatus	7.97	POUND	11.87	a
American lobster	Homarus americanus	803.95	POUND	.47	t
Atlantic cod	Gadus morhua	3,627.84	POUND	4.75	b
Atlantic hagfish	Myxine glutinosa	10.17	POUND	14.96	t
Atlantic wolffish	Anarhichas lupus	272.49	POUND	10.25	d
Benthic species, other	Animalia	17.18	POUND	6.68	o, t, u, v

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Bignose shark	Carcharhinus altimus	6,606.61	POUND	.68	t
Bony fishes, other	Osteichthyes	8.37	POUND	1.76	o, t
Carcharhinid shark, unc	Carcharhinus	60,380.08	POUND	.51	o, t
Chain dogfish	Scyliorhinus retifer	39,002.38	POUND	.39	t
Cusk	Brosme brosme	9.96	POUND	12.64	t
Dolphinfish, unc	Coryphaena	909.76	POUND	.38	o, t
Gadiformes, other	Gadiformes	18,552.15	POUND	.59	o, t
Haddock	Melanogrammus aeglefinus	475.83	POUND	4.59	g
Hammerhead shark, unc	Sphyrnidae	18,953.39	POUND	.43	o, t
Jonah crab	Cancer borealis	5,430.52	POUND	.56	t
Monkfish	Lophius americanus	433.22	POUND	.74	e, f
Ocean pout	Zoarces americanus	24.89	POUND	6.45	
Pollock	Pollachius virens	10.17	POUND	14.95	
Porbeagle shark	Lamna nasus	3,050.46	POUND	14.95	t
Ray-finned fishes, other (demersal)	Actinopterygii	249.10	POUND	.48	o, t
Red hake	Urophycis chuss	342.85	POUND	3.34	k
Sandbar shark	Carcharhinus plumbeus	149,027.79	POUND	.4	t
Scalloped hammerhead shark	Sphyrna lewini	54,152.54	POUND	.68	c, t
Scorpionfishes, other	Scorpaeniformes	185.87	POUND	4.39	o, t
Shark, unc	Chondrichthyes	66,336.86	POUND	.41	o, t
Silver hake	Merluccius bilinearis	54.15	POUND	.86	m
Skate Complex	Rajidae	23,633.86	POUND	1.42	n, o
Skipjack tuna	Katsuwonus pelamis	546.94	POUND	.45	t
Smooth dogfish	Mustelus canis	102,136.83	POUND	1.74	t
Smooth hammerhead shark	Sphyrna zygaena	12,184.32	POUND	.68	t
Spiny dogfish	Squalus acanthias	14,607.34	POUND	.97	
Tetraodontiformes, other (pelagic)	Tetraodontiformes	10,830.51	POUND	.72	o, t
Tiger shark	Galeocerdo cuvier	187,421.94	POUND	.49	t
Tilefish	Lopholatilus chamaeleonticeps	7,136.05	POUND	.67	
White hake	Urophycis tenuis	13.22	POUND	14.95	
<b>TOTAL FISHERY BYCATCH</b>		787,447.56	POUND		
<b>TOTAL FISHERY LANDINGS</b>		4,319,026.64	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		5,106,474.20	POUND		

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.15			
<b>New England Closed-Area Mid-Water Otter Trawl<sup>s</sup></b>					
Acadian redfish	Sebastes fasciatus	3.65	POUND	.31	a
Alewife	Alosa pseudoharengus	1.00	POUND	.36	t
American plaice	Hippoglossoides platessoides	1.02	POUND	.34	
Atlantic herring	Clupea harengus	10.36	POUND	.08	
Atlantic mackerel	Scomber scombrus	3.24	POUND	.22	
Basking shark	Cetorhinus maximus	35,384.06	POUND	.25	t
Benthic species, other	Animalia	1.65	POUND	.33	o, t, u, v
Blue shark	Prionace glauca	700.04	POUND	.18	t
Blueback herring	Alosa aestivalis	0.74	POUND	.33	t
Bony fishes, other	Osteichthyes	78,901.74	POUND	.44	o, t
Pollock	Pollachius virens	54.48	POUND	.34	
Porbeagle shark	Lamna nasus	1,829.66	POUND	.28	t
Shark, unc	Chondrichthyes	2,317.85	POUND	.24	o, t
Silver hake	Merluccius bilinearis	0.64	POUND	.34	m
Spiny dogfish	Squalus acanthias	1,047.72	POUND	.31	
Thresher shark	Alopias vulpinus	700.04	POUND	.21	t
<b>TOTAL FISHERY BYCATCH</b>		120,957.89	POUND		
<b>TOTAL FISHERY LANDINGS</b>		13,401,963.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		13,522,920.89	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		<0.01			
<b>New England Conch Pots and Traps</b>					
American lobster	Homarus americanus	65.48	POUND	1.19	t
Black sea bass	Centropristis striata	2,414.22	POUND	.38	
Decapod crabs	Decapoda	81,196.70	POUND	.33	o, t
Snowy grouper	Epinephelus niveatus	10.91	POUND	1.23	t
Tautog	Tautoga onitis	130.95	POUND	1.23	t
Whelks, other	Melongenidae	342,082.94	POUND	.21	o, t
<b>TOTAL FISHERY BYCATCH</b>		425,901.20	POUND		
<b>TOTAL FISHERY LANDINGS</b>		738,466.66	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		1,164,367.86	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.37			

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>New England Extra-Large-Mesh Gillnet</b>					
Acadian redfish	Sebastes fasciatus	3.25	POUND	.84	a
Alewife	Alosa pseudoharengus	10.17	POUND	.9	t
American lobster	Homarus americanus	145,768.15	POUND	.08	t
American plaice	Hippoglossoides platessoides	173.45	POUND	.39	
American shad	Alosa sapidissima	885.33	POUND	.44	t
Atlantic angel shark	Squatina dumeril	308.95	POUND	.71	t
Atlantic cod	Gadus morhua	5,757.05	POUND	.17	b
Atlantic hagfish	Myxine glutinosa	33.66	POUND	.53	t
Atlantic halibut	Hippoglossus hippoglossus	17,218.74	POUND	.19	
Atlantic mackerel	Scomber scombrus	292.18	POUND	.42	
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	2,123.50	POUND	.45	c, t
Atlantic wolffish	Anarhichas lupus	274.68	POUND	.9	d
Basking shark	Cetorhinus maximus	7,121.40	POUND	.9	t
Benthic species, other	Animalia	12,223.05	POUND	.21	o, t, u, v
Bivalves, other	Bivalvia	711.30	POUND	.56	o, t
Black sea bass	Centropristis striata	221.06	POUND	.45	
Blue shark	Prionace glauca	11,893.27	POUND	.33	t
Bluefin tuna	Thunnus thynnus	579.89	POUND	.68	t
Bluefish	Pomatomus saltatrix	13,273.58	POUND	.17	
Bony fishes, other	Osteichthyes	3,429.31	POUND	.48	o, t
Butterfish	Peprilus triacanthus	30.52	POUND	.64	
Carcharhinid shark, unc	Carcharhinus	278.31	POUND	.84	o, t
Chain dogfish	Scyliorhinus retifer	5.09	POUND	.9	t
Cunner	Tautoglabrus adspersus	12.02	POUND	1.04	t
Cusk	Brosme brosme	47.31	POUND	.64	t
Decapod crabs	Decapoda	13,194.66	POUND	.18	o, t
Demersal species, other	Animalia	3,083.40	POUND	.26	o, t, u
Dories, other	Zeiformes	1,388.67	POUND	.58	o, t
Dusky shark	Carcharhinus obscurus	706.77	POUND	1.04	t
Flatfishes, other	Pleuronectiformes	237.90	POUND	.35	o, t
Gadiformes, other	Gadiformes	68.59	POUND	.49	o, t
Gastropod snails, other	Gastropoda	19.45	POUND	.55	o, t



COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Haddock	Melanogrammus aeglefinus	532.91	POUND	.34	g
Horseshoe crab	Limulus polyphemus	409.17	POUND	.34	t
Jonah crab	Cancer borealis	56,129.73	POUND	.17	t
Little tunny	Euthynnus alletteratus	1,220.47	POUND	.59	t
Menhaden, unc	Brevoortia	24.74	POUND	1.04	o, t
Monkfish	Lophius americanus	206,400.49	POUND	.14	e, f
Pelagic species, other	Animalia	13.92	POUND	.63	o, t, u
Pollock	Pollachius virens	3,138.63	POUND	.2	
Porbeagle shark	Lamna nasus	10,418.14	POUND	.34	t
Ray-finned fishes, other (demersal)	Actinopterygii	794.59	POUND	.75	o, t
Rays, other (demersal)	Myliobatiformes	25.51	POUND	.84	o, t
Red deepsea crab	Chaceon quinquedens	33.37	POUND	.65	j
Red hake	Urophycis chuss	55.20	POUND	.39	k
Sand tiger shark	Carcharias taurus	1,438.37	POUND	.75	t
Sandbar shark	Carcharhinus plumbeus	10,354.00	POUND	.44	t
Scorpionfishes, other	Scorpaeniformes	4,900.47	POUND	.12	o, t
Scup	Stenotomus chrysops	30.26	POUND	.52	
Sea scallop	Placopecten magellanicus	331.59	POUND	.3	l
Shark, unc	Chondrichthyes	9,298.00	POUND	.4	o, t
Shortfin mako	Isurus oxyrinchus	1,895.91	POUND	.49	t
Silver hake	Merluccius bilinearis	1,281.24	POUND	.23	m
Skate Complex	Rajidae	2,207,027.61	POUND	.1	n, o
Smooth dogfish	Mustelus canis	2,672.30	POUND	.57	t
Spiny dogfish	Squalus acanthias	171,751.70	POUND	.13	
Stingrays, other (demersal)	Dasyatidae	1,017.34	POUND	.9	o, t
Striped bass	Morone saxatilis	807.42	POUND	.48	t
Summer flounder	Paralichthys dentatus	83,271.00	POUND	.2	
Tautog	Tautoga onitis	81.28	POUND	.73	t
Tiger shark	Galeocerdo cuvier	4,069.37	POUND	.9	t
Tilefish	Lopholatilus chamaeleonticeps	1,366.50	POUND	.42	
Tuna, unc	Thunnus	682.30	POUND	.65	o, t
Weakfish	Cynoscion regalis	5.69	POUND	.96	t
White hake	Urophycis tenuis	573.17	POUND	.37	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
White shark	Carcharodon carcharias	2,120.32	POUND	1.04	t
Windowpane	Scophthalmus aquosus	163.55	POUND	.21	p, q
Winter flounder	Pseudopleuronectes americanus	444.17	POUND	.67	r
Witch flounder	Glyptocephalus cynoglossus	3.05	POUND	.9	
Yellowtail flounder	Limanda ferruginea	206.27	POUND	.33	s
<b>TOTAL FISHERY BYCATCH</b>		3,026,364.41	POUND		
<b>TOTAL FISHERY LANDINGS</b>		17,984,646.57	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		21,011,010.98	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.14			
<b>New England Fish Pots and Traps</b>					
American lobster	Homarus americanus	281.09	POUND	1.13	t
Atlantic cod	Gadus morhua	151.32	POUND	.77	b
Black sea bass	Centropristis striata	63,540.20	POUND	.36	
Decapod crabs	Decapoda	2,118.47	POUND	.39	o, t
Jonah crab	Cancer borealis	378.30	POUND	.77	t
Scup	Stenotomus chrysops	7,505.42	POUND	.43	
Striped bass	Morone saxatilis	1,626.68	POUND	1.41	t
Tautog	Tautoga onitis	6,355.40	POUND	.77	t
<b>TOTAL FISHERY BYCATCH</b>		81,956.88	POUND		
<b>TOTAL FISHERY LANDINGS</b>		190,909.03	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		272,865.91	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.30			
<b>New England General Category Open Area Scallop Dredge</b>					
Alewife	Alosa pseudoharengus	39.86	POUND	.57	t
American lobster	Homarus americanus	9,513.81	POUND	.26	t
American plaice	Hippoglossoides platessoides	707.40	POUND	.39	
Atlantic cod	Gadus morhua	150.78	POUND	.55	b
Atlantic hagfish	Myxine glutinosa	2.48	POUND	.85	t
Atlantic halibut	Hippoglossus hippoglossus	235.00	POUND	1.29	
Atlantic herring	Clupea harengus	1.24	POUND	1.2	
Atlantic surfclam	Spisula solidissima	1,328.80	POUND	.59	
Benthic species, other	Animalia	734,685.86	POUND	.21	o, t, u, v
Bivalves, other	Bivalvia	1,437.56	POUND	.57	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Black sea bass	Centropristis striata	17.36	POUND	1.2	
Bluefish	Pomatomus saltatrix	11.19	POUND	1.29	
Bony fishes, other	Osteichthyes	1.24	POUND	1.2	o, t
Cunner	Tautogolabrus adspersus	3.72	POUND	1.2	t
Decapod crabs	Decapoda	59,607.08	POUND	.12	o, t
Demersal species, other	Animalia	842.80	POUND	.8	o, t, u
Dories, other	Zeiformes	17.13	POUND	1.04	o, t
Flatfishes, other	Pleuronectiformes	1,522.41	POUND	.23	o, t
Gadiformes, other	Gadiformes	20.14	POUND	.83	o, t
Gastropod snails, other	Gastropoda	6,792.30	POUND	.29	o, t
Haddock	Melanogrammus aeglefinus	778.20	POUND	.61	g
Horseshoe crab	Limulus polyphemus	501.55	POUND	.48	t
Jonah crab	Cancer borealis	51,166.13	POUND	.18	t
Longfin inshore squid	Loligo pealeii	118.63	POUND	.39	h
Monkfish	Lophius americanus	62,978.95	POUND	.25	e, f
Northern shortfin squid	Illex illecebrosus	44.76	POUND	.78	i
Ocean pout	Zoarces americanus	15.87	POUND	.74	
Perciformes, other (demersal)	Perciformes	329.73	POUND	.82	o, t
Pipefishes (pelagic)	Gasterosteiformes	6.64	POUND	.57	o, t
Red hake	Urophycis chuss	3,826.70	POUND	.36	k
Scorpionfishes, other	Scorpaeniformes	6,490.09	POUND	.17	o, t
Sea scallop	Placopecten magellanicus	268,573.72	POUND	.28	l
Silver hake	Merluccius bilinearis	1,883.82	POUND	.28	m
Skate Complex	Rajidae	531,869.52	POUND	.17	n, o
Spiny dogfish	Squalus acanthias	10,412.82	POUND	.46	
Summer flounder	Paralichthys dentatus	6,620.05	POUND	.35	
Tetraodontiformes, other (demersal)	Tetraodontiformes	3.36	POUND	1.28	o, t
Whelks, other	Melongenidae	1,935.24	POUND	.52	o, t
White hake	Urophycis tenuis	11.19	POUND	1.28	
Windowpane	Scophthalmus aquosus	15,636.30	POUND	.29	p, q
Winter flounder	Pseudopleuronectes americanus	11,138.88	POUND	.17	r
Witch flounder	Glyptocephalus cynoglossus	4,411.42	POUND	.59	
Yellowtail flounder	Limanda ferruginea	18,566.65	POUND	.15	s

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
<b>TOTAL FISHERY BYCATCH</b>		1,814,258.38	POUND		
<b>TOTAL FISHERY LANDINGS</b>		7,787,336.72	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		9,601,595.10	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.19			
<b>New England Hand Line</b>					
Acadian redfish	Sebastes fasciatus	136.80	POUND	1.66	a
Atlantic cod	Gadus morhua	17,680.23	POUND	.82	b
Atlantic herring	Clupea harengus	479.47	POUND	.79	
Atlantic mackerel	Scomber scombrus	25,443.39	POUND	.79	
Atlantic wolffish	Anarhichas lupus	855.02	POUND	1.62	d
Blue shark	Prionace glauca	13,680.37	POUND	1.67	t
Haddock	Melanogrammus aeglefinus	2,052.06	POUND	1.31	g
Pollock	Pollachius virens	13,348.48	POUND	1	
Scorpionfishes, other	Scorpaeniformes	323.12	POUND	.89	o, t
Spiny dogfish	Squalus acanthias	1,695.39	POUND	1.53	
<b>TOTAL FISHERY BYCATCH</b>		75,694.33	POUND		
<b>TOTAL FISHERY LANDINGS</b>		1,916,332.31	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		1,992,026.64	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.04			
<b>New England Large-Mesh Gillnet</b>					
Acadian redfish	Sebastes fasciatus	8,495.44	POUND	.19	a
Alewife	Alosa pseudoharengus	322.55	POUND	.66	t
American lobster	Homarus americanus	223,553.59	POUND	.07	t
American plaice	Hippoglossoides platessoides	3,154.46	POUND	.13	
American shad	Alosa sapidissima	23,234.28	POUND	.14	t
Atlantic cod	Gadus morhua	36,206.63	POUND	.07	b
Atlantic croaker	Micropogonias undulatus	7.08	POUND	.97	t
Atlantic hagfish	Myxine glutinosa	169.08	POUND	.2	t
Atlantic halibut	Hippoglossus hippoglossus	8,026.13	POUND	.11	
Atlantic herring	Clupea harengus	3,580.65	POUND	.2	
Atlantic mackerel	Scomber scombrus	1,756.15	POUND	.18	
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	2,043.57	POUND	.26	c, t
Atlantic wolffish	Anarhichas lupus	6,271.73	POUND	.1	d

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Basking shark	Cetorhinus maximus	564,497.12	POUND	.35	t
Benthic species, other	Animalia	4,380.87	POUND	.12	o, t, u, v
Bivalves, other	Bivalvia	43.42	POUND	.42	o, t
Black sea bass	Centropristis striata	42.45	POUND	.77	
Blue shark	Prionace glauca	3,286.97	POUND	.38	t
Bluefin tuna	Thunnus thynnus	1,229.27	POUND	.86	t
Bluefish	Pomatomus saltatrix	1,510.83	POUND	.38	
Bony fishes, other	Osteichthyes	1,985.58	POUND	.38	o, t
Butterfish	Peprilus triacanthus	22.83	POUND	.27	
Cunner	Tautoglabrus adspersus	632.39	POUND	.12	t
Cusk	Brosme brosme	288.89	POUND	.3	t
Decapod crabs	Decapoda	15,097.92	POUND	.14	o, t
Decapod shrimps	Decapoda	1.25	POUND	.63	o, t
Demersal species, other	Animalia	317.27	POUND	.59	o, t, u
Dories, other	Zeiformes	20.49	POUND	.61	o, t
Flatfishes, other	Pleuronectiformes	1,699.95	POUND	.14	o, t
Gadiformes, other	Gadiformes	334.21	POUND	.24	o, t
Gastropod snails, other	Gastropoda	28.98	POUND	.29	o, t
Haddock	Melanogrammus aeglefinus	10,246.72	POUND	.06	g
Herrings, other	Clupeiformes	97.89	POUND	.46	o, t
Horseshoe crab	Limulus polyphemus	47.61	POUND	.56	t
Jonah crab	Cancer borealis	49,741.49	POUND	.09	t
Menhaden, unc	Brevoortia	45.99	POUND	.97	o, t
Monkfish	Lophius americanus	12,109.63	POUND	.06	e, f
Northern shortfin squid	Illex illecebrosus	3.24	POUND	.63	i
Ocean pout	Zoarces americanus	48.65	POUND	.4	
Ocean quahog	Arctica islandica	1.77	POUND	.97	
Offshore hake	Merluccius albidus	4.10	POUND	.87	
Pelagic shark, unc	Lamniformes	1,024.39	POUND	.86	o, t
Pelagic species, other	Animalia	264.15	POUND	.26	o, t, u
Perciformes, other (demersal)	Perciformes	288.42	POUND	.26	o, t
Pilotfish	Naucrates ductor	24.59	POUND	.62	t
Pollock	Pollachius virens	113,520.92	POUND	.07	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Porbeagle shark	Lamna nasus	88,069.52	POUND	.14	t
Ray-finned fishes, other (demersal)	Actinopterygii	412.42	POUND	.67	o, t
Ray-finned fishes, other (pelagic)	Actinopterygii	36.88	POUND	.86	o, t
Red deepsea crab	Chaceon quinquedens	87.24	POUND	.27	j
Red hake	Urophycis chuss	3,903.60	POUND	.08	k
Sand tiger shark	Carcharias taurus	176.88	POUND	.97	t
Scorpionfishes, other	Scorpaeniformes	36,011.23	POUND	.06	o, t
Scup	Stenotomus chrysops	36.50	POUND	.78	
Sea scallop	Placopecten magellanicus	1,808.95	POUND	.53	l
Shark, unc	Chondrichthyes	4,438.79	POUND	.33	o, t
Silver hake	Merluccius bilinearis	20,562.23	POUND	.13	m
Skate Complex	Rajidae	119,648.18	POUND	.06	n, o
Smooth dogfish	Mustelus canis	191.27	POUND	.56	t
Spiny dogfish	Squalus acanthias	3,411,004.23	POUND	.08	
Striped bass	Morone saxatilis	655.34	POUND	.51	t
Summer flounder	Paralichthys dentatus	53.15	POUND	.42	
Tautog	Tautoga onitis	84.90	POUND	.77	t
Thresher shark	Alopias vulpinus	5,577.78	POUND	.42	t
Tilefish	Lopholatilus chamaeleonticeps	45.07	POUND	.86	
Whelks, other	Melongenidae	6.53	POUND	.58	o, t
White hake	Urophycis tenuis	26,887.05	POUND	.12	
Windowpane	Scophthalmus aquosus	1,518.61	POUND	.18	p, q
Winter flounder	Pseudopleuronectes americanus	1,015.14	POUND	.13	r
Witch flounder	Glyptocephalus cynoglossus	315.59	POUND	.14	
Yellowtail flounder	Limanda ferruginea	2,686.28	POUND	.13	s
<b>TOTAL FISHERY BYCATCH</b>		4,824,944.95	POUND		
<b>TOTAL FISHERY LANDINGS</b>		10,575,104.60	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		15,400,049.55	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.31			
<b>New England Large-Mesh Haddock Separator Otter Trawl</b>					
Acadian redfish	Sebastes fasciatus	15,357.70	POUND	.31	a
Alewife	Alosa pseudoharengus	160.18	POUND	.44	t
American lobster	Homarus americanus	19,913.06	POUND	.23	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
American plaice	Hippoglossoides platessoides	3,288.19	POUND	.29	
American shad	Alosa sapidissima	1,098.20	POUND	.25	t
Atlantic cod	Gadus morhua	7,257.15	POUND	.33	b
Atlantic halibut	Hippoglossus hippoglossus	3,196.59	POUND	.33	
Atlantic herring	Clupea harengus	2,387.46	POUND	.38	
Atlantic mackerel	Scomber scombrus	4,040.14	POUND	.82	
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	2,662.02	POUND	1.02	c, t
Atlantic wolffish	Anarhichas lupus	3,661.33	POUND	.39	d
Basking shark	Cetorhinus maximus	1,078.79	POUND	.74	t
Benthic species, other	Animalia	436.40	POUND	.32	o, t, u, v
Black sea bass	Centropristis striata	13.62	POUND	.91	
Bony fishes, other	Osteichthyes	270.14	POUND	.73	o, t
Butterfish	Peprilus triacanthus	124.57	POUND	.53	
Cunner	Tautoglabrus adspersus	1,101.66	POUND	.55	t
Cusk	Brosme brosme	19.96	POUND	.74	t
Decapod crabs	Decapoda	630.33	POUND	.33	o, t
Demersal species, other	Animalia	2,244.67	POUND	.42	o, t, u
Dories, other	Zeiformes	25.43	POUND	.68	o, t
Flatfishes, other	Pleuronectiformes	640.06	POUND	.28	o, t
Gadiformes, other	Gadiformes	38.28	POUND	.88	o, t
Haddock	Melanogrammus aeglefinus	181,522.90	POUND	.18	g
Herrings, other	Clupeiformes	124.64	POUND	.9	o, t
Jonah crab	Cancer borealis	9,092.78	POUND	.41	t
Longfin inshore squid	Loligo pealeii	6,929.67	POUND	.6	h
Monkfish	Lophius americanus	3,226.37	POUND	.32	e, f
Northern shortfin squid	Illex illecebrosus	1,929.62	POUND	.34	i
Ocean pout	Zoarces americanus	1,057.63	POUND	.3	
Perciformes, other (demersal)	Perciformes	48.52	POUND	.9	o, t
Pollock	Pollachius virens	8,035.59	POUND	.36	
Porbeagle shark	Lamna nasus	4,450.10	POUND	.37	t
Ray-finned fishes, other (demersal)	Actinopterygii	46.74	POUND	.88	o, t
Red deepsea crab	Chaceon quinque-dens	84.44	POUND	.52	j
Red hake	Urophycis chuss	8,744.58	POUND	.3	k

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Scorpionfishes, other	Scorpaeniformes	33,660.64	POUND	.26	o, t
Sea scallop	Placopecten magellanicus	1.64	POUND	1.03	l
Silver hake	Merluccius bilinearis	23,015.42	POUND	.19	m
Skate Complex	Rajidae	644,373.93	POUND	.23	n, o
Smooth dogfish	Mustelus canis	342.77	POUND	.91	t
Spiny dogfish	Squalus acanthias	328,748.87	POUND	.31	
Summer flounder	Paralichthys dentatus	2,444.16	POUND	.5	
Thresher shark	Alopias vulpinus	7,291.83	POUND	.66	t
White hake	Urophycis tenuis	172.76	POUND	.52	
Windowpane	Scophthalmus aquosus	12,124.46	POUND	.36	p, q
Winter flounder	Pseudopleuronectes americanus	1,631.23	POUND	.4	r
Witch flounder	Glyptocephalus cynoglossus	2,893.93	POUND	.45	
Yellowtail flounder	Limanda ferruginea	1,760.82	POUND	.3	s
<b>TOTAL FISHERY BYCATCH</b>		1,353,401.97	POUND		
<b>TOTAL FISHERY LANDINGS</b>		3,877,481.62	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		5,230,883.59	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.26			
<b>New England Large-Mesh Otter Trawl</b>					
Acadian redfish	Sebastes fasciatus	959,946.41	POUND	.27	a
Alewife	Alosa pseudoharengus	4,640.77	POUND	.16	t
American lobster	Homarus americanus	1,076,851.50	POUND	.07	t
American plaice	Hippoglossoides platessoides	160,329.51	POUND	.07	
American shad	Alosa sapidissima	17,838.84	POUND	.11	t
Atlantic cod	Gadus morhua	56,753.66	POUND	.15	b
Atlantic croaker	Micropogonias undulatus	296.76	POUND	1.05	t
Atlantic hagfish	Myxine glutinosa	7.39	POUND	.45	t
Atlantic halibut	Hippoglossus hippoglossus	41,856.02	POUND	.09	
Atlantic herring	Clupea harengus	8,599.77	POUND	.15	
Atlantic mackerel	Scomber scombrus	2,807.02	POUND	.24	
Atlantic surfclam	Spisula solidissima	2,054.91	POUND	.34	
Atlantic wolffish	Anarhichas lupus	23,778.43	POUND	.13	d
Basking shark	Cetorhinus maximus	177,019.17	POUND	.42	t
Benthic species, other	Animalia	375,459.88	POUND	.17	o, t, u, v



COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Bivalves, other	Bivalvia	6,375.83	POUND	.38	o, t
Black sea bass	Centropristis striata	20,387.18	POUND	.19	
Blueback herring	Alosa aestivalis	54.44	POUND	.45	t
Bluefin tuna	Thunnus thynnus	550.94	POUND	1.1	t
Bluefish	Pomatomus saltatrix	4,456.16	POUND	.54	
Bony fishes, other	Osteichthyes	3,623.21	POUND	.83	o, t
Butterfish	Peprilus triacanthus	4,186.81	POUND	.2	
Chain dogfish	Scyliorhinus retifer	963.96	POUND	.3	t
Cunner	Tautoglabrus adspersus	2,288.72	POUND	.16	t
Cusk	Brosme brosme	223.40	POUND	.43	t
Decapod crabs	Decapoda	403,095.29	POUND	.14	o, t
Decapod shrimps	Decapoda	47.70	POUND	.64	o, t
Demersal species, other	Animalia	70,505.14	POUND	.12	o, t, u
Dories, other	Zeiformes	1,259.96	POUND	.33	o, t
Flatfishes, other	Pleuronectiformes	183,745.13	POUND	.11	o, t
Gadiformes, other	Gadiformes	35,033.54	POUND	.56	o, t
Gastropod snails, other	Gastropoda	9,592.97	POUND	.44	o, t
Haddock	Melanogrammus aeglefinus	494,169.19	POUND	.1	g
Herrings, other	Clupeiformes	1,574.06	POUND	.5	o, t
Horseshoe crab	Limulus polyphemus	16,113.07	POUND	.26	t
Jonah crab	Cancer borealis	1,565,530.89	POUND	.08	t
Longfin inshore squid	Loligo pealeii	24,476.36	POUND	.26	h
Mackerels, other	Scombridae	75.30	POUND	.71	o, t
Menhaden, unc	Brevoortia	16.10	POUND	.79	o, t
Monkfish	Lophius americanus	983,007.01	POUND	.07	e, f
Northern shortfin squid	Illex illecebrosus	28,758.14	POUND	.17	i
Ocean pout	Zoarces americanus	67,201.76	POUND	.15	
Ocean quahog	Arctica islandica	1,351.25	POUND	.84	
Offshore hake	Merluccius albidus	606.58	POUND	.59	
Pandalid shrimp (northern)	Pandalus borealis	7.15	POUND	.77	t
Pelagic species, other	Animalia	140.92	POUND	.27	o, t, u
Perciformes, other (demersal)	Perciformes	1,789.71	POUND	.26	o, t
Perciformes, other (pelagic)	Perciformes	11.39	POUND	1.1	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Pipefishes (demersal)	Gasterosteiformes	0.41	POUND	.67	o, t
Pollock	Pollachius virens	80,789.01	POUND	.12	
Porbeagle shark	Lamna nasus	103,483.13	POUND	.25	t
Quahog (hard shell clam)	Mercenaria mercenaria	901.33	POUND	.62	t
Ray-finned fishes, other (demersal)	Actinopterygii	206.74	POUND	.66	o, t
Rays, other (demersal)	Myliobatiformes	88.45	POUND	.77	o, t
Red deepsea crab	Chaceon quinquedens	42,583.81	POUND	.39	j
Red hake	Urophycis chuss	217,638.16	POUND	.11	k
Sand tiger shark	Carcharias taurus	657.60	POUND	.6	t
Sandbar shark	Carcharhinus plumbeus	1,010.81	POUND	.67	t
Scorpionfishes, other	Scorpaeniformes	785,483.54	POUND	.22	o, t
Scup	Stenotomus chrysops	40,999.56	POUND	.2	
Sea scallop	Placopecten magellanicus	29,961.68	POUND	.28	l
Shark, unc	Chondrichthyes	30.38	POUND	.67	o, t
Silver hake	Merluccius bilinearis	585,007.49	POUND	.08	m
Skate Complex	Rajidae	27,688,836.76	POUND	.08	n, o
Smooth dogfish	Mustelus canis	49,643.09	POUND	.28	t
Soft coral, unc	Alcyonacea	20.70	POUND	.66	o, t
Spiny dogfish	Squalus acanthias	4,637,819.77	POUND	.08	
Squids, unc	Loliginidae	97.25	POUND	.64	o, t
Stingrays, other (demersal)	Dasyatidae	17,655.92	POUND	.55	o, t
Striped bass	Morone saxatilis	8,036.55	POUND	.46	t
Summer flounder	Paralichthys dentatus	397,463.48	POUND	.17	
Swordfish	Xiphias gladius	80.80	POUND	1.1	t
Tautog	Tautoga onitis	750.32	POUND	.43	t
Tetraodontiformes, other (demersal)	Tetraodontiformes	9.99	POUND	.68	o, t
Tetraodontiformes, other (pelagic)	Tetraodontiformes	165.28	POUND	1.1	o, t
Thresher shark	Alopias vulpinus	477.48	POUND	1.1	t
Tilefish	Lopholatilus chamaeleonticeps	8.10	POUND	.67	
Triggerfishes, unc	Balistidae	27.91	POUND	.61	o, t
Weakfish	Cynoscion regalis	83.87	POUND	.46	t
Whelks, other	Melongenidae	8,592.18	POUND	.35	o, t
White hake	Urophycis tenuis	12,673.07	POUND	.29	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Windowpane	Scophthalmus aquosus	441,835.27	POUND	.09	p, q
Winter flounder	Pseudopleuronectes americanus	48,149.09	POUND	.17	r
Witch flounder	Glyptocephalus cynoglossus	79,734.88	POUND	.08	
Yellowtail flounder	Limanda ferruginea	67,589.40	POUND	.12	s
<b>TOTAL FISHERY BYCATCH</b>		42,188,052.56	POUND		
<b>TOTAL FISHERY LANDINGS</b>		55,125,056.13	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		97,313,108.69	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.43			
<b>New England Limited Access Closed Area Scallop Dredge</b>					
Acadian redfish	Sebastes fasciatus	220.95	POUND	.82	a
American lobster	Homarus americanus	28,647.98	POUND	.3	t
American plaice	Hippoglossoides platessoides	1,507.82	POUND	.39	
Atlantic cod	Gadus morhua	1,321.06	POUND	.39	b
Atlantic halibut	Hippoglossus hippoglossus	43.30	POUND	.93	
Benthic species, other	Animalia	1,861,765.95	POUND	.27	o, t, u, v
Bivalves, other	Bivalvia	14,331.39	POUND	.36	o, t
Black sea bass	Centropristis striata	30.51	POUND	.58	
Bony fishes, other	Osteichthyes	97.43	POUND	.94	o, t
Butterfish	Peprilus triacanthus	11.66	POUND	.5	
Chain dogfish	Scyliorhinus retifer	10.83	POUND	.94	t
Cunner	Tautoglabrus adspersus	20.35	POUND	.47	t
Decapod crabs	Decapoda	68,179.73	POUND	.35	o, t
Demersal species, other	Animalia	2,635.10	POUND	.36	o, t, u
Flatfishes, other	Pleuronectiformes	83,055.37	POUND	.2	o, t
Gadiformes, other	Gadiformes	204.26	POUND	.71	o, t
Gastropod snails, other	Gastropoda	22,376.67	POUND	.31	o, t
Haddock	Melanogrammus aeglefinus	5,599.77	POUND	.4	g
Jonah crab	Cancer borealis	124,362.36	POUND	.43	t
Longfin inshore squid	Loligo pealeii	176.62	POUND	.31	h
Monkfish	Lophius americanus	386,482.63	POUND	.18	e, f
Northern shortfin squid	Illex illecebrosus	138.75	POUND	.34	i
Ocean pout	Zoarces americanus	343.02	POUND	.46	
Offshore hake	Merluccius albidus	58.92	POUND	.82	

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Perciformes, other (demersal)	Perciformes	6.41	POUND	1.1	o, t
Ray-finned fishes, other (demersal)	Actinopterygii	84.32	POUND	.76	o, t
Red hake	Urophycis chuss	71,420.45	POUND	.15	k
Scorpionfishes, other	Scorpaeniformes	20,725.95	POUND	.23	o, t
Scup	Stenotomus chrysops	78.33	POUND	.7	
Sea scallop	Placopecten magellanicus	2,342,970.02	POUND	.18	l
Silver hake	Merluccius bilinearis	18,601.13	POUND	.32	m
Skate Complex	Rajidae	3,359,113.35	POUND	.13	n, o
Spiny dogfish	Squalus acanthias	8,587.75	POUND	.32	
Summer flounder	Paralichthys dentatus	23,355.23	POUND	.28	
Triggerfishes, unc	Balistidae	10.83	POUND	.94	o, t
Whelks, other	Melongenidae	5,387.47	POUND	.82	o, t
White hake	Urophycis tenuis	1,055.25	POUND	.45	
Windowpane	Scophthalmus aquosus	150,252.88	POUND	.26	p, q
Winter flounder	Pseudopleuronectes americanus	48,623.99	POUND	.3	r
Witch flounder	Glyptocephalus cynoglossus	9,101.49	POUND	.48	
Yellowtail flounder	Limanda ferruginea	85,679.99	POUND	.15	s
<b>TOTAL FISHERY BYCATCH</b>		8,746,677.27	POUND		
<b>TOTAL FISHERY LANDINGS</b>		31,298,593.47	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		40,045,270.74	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.22			
<b>New England Limited Access Open Area Scallop Dredge</b>					
American lobster	Homarus americanus	38,500.62	POUND	.21	t
American plaice	Hippoglossoides platessoides	11,264.80	POUND	.44	
Atlantic cod	Gadus morhua	6,183.67	POUND	.35	b
Atlantic hagfish	Myxine glutinosa	12.15	POUND	.76	t
Atlantic halibut	Hippoglossus hippoglossus	38.53	POUND	1.04	
Atlantic herring	Clupea harengus	26.30	POUND	.49	
Atlantic mackerel	Scomber scombrus	101.83	POUND	.6	
Atlantic surfclam	Spisula solidissima	1,243.61	POUND	1.02	
Atlantic wolffish	Anarhichas lupus	204.99	POUND	1.02	d
Benthic species, other	Animalia	2,464,996.32	POUND	.31	o, t, u, v
Bivalves, other	Bivalvia	2,434.12	POUND	.42	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Black sea bass	Centropristis striata	500.03	POUND	.86	
Butterfish	Peprilus triacanthus	11.92	POUND	.69	
Chain dogfish	Scyliorhinus retifer	27.33	POUND	1.03	t
Cunner	Tautogolabrus adspersus	159.10	POUND	.44	t
Decapod crabs	Decapoda	65,575.75	POUND	.17	o, t
Demersal species, other	Animalia	9,667.42	POUND	.42	o, t, u
Dories, other	Zeiformes	7.41	POUND	.76	o, t
Flatfishes, other	Pleuronectiformes	120,669.33	POUND	.21	o, t
Gadiformes, other	Gadiformes	38.85	POUND	.58	o, t
Gastropod snails, other	Gastropoda	29,613.78	POUND	.36	o, t
Haddock	Melanogrammus aeglefinus	8,322.64	POUND	.29	g
Herrings, other	Clupeiformes	11.11	POUND	.75	o, t
Jonah crab	Cancer borealis	141,902.26	POUND	.31	t
Longfin inshore squid	Loligo pealeii	435.14	POUND	.55	h
Monkfish	Lophius americanus	1,382,891.05	POUND	.24	e, f
Northern shortfin squid	Illex illecebrosus	251.38	POUND	.55	i
Ocean pout	Zoarces americanus	996.23	POUND	.27	
Perciformes, other (demersal)	Perciformes	33.81	POUND	.78	o, t
Pipefishes (pelagic)	Gasterosteiformes	18.15	POUND	.71	o, t
Pollock	Pollachius virens	1.85	POUND	.77	
Ray-finned fishes, other (demersal)	Actinopterygii	13.34	POUND	.84	o, t
Red hake	Urophycis chuss	45,419.53	POUND	.23	k
Scorpionfishes, other	Scorpaeniformes	32,948.73	POUND	.18	o, t
Scup	Stenotomus chrysops	35.19	POUND	1.04	
Sea scallop	Placopecten magellanicus	1,516,837.47	POUND	.26	l
Silver hake	Merluccius bilinearis	17,739.97	POUND	.31	m
Skate Complex	Rajidae	5,422,487.49	POUND	.18	n, o
Spiny dogfish	Squalus acanthias	26,772.53	POUND	.38	
Summer flounder	Paralichthys dentatus	158,442.33	POUND	.31	
Tetraodontiformes, other (demersal)	Tetraodontiformes	2.93	POUND	1.04	o, t
Whelks, other	Melongenidae	1,026.46	POUND	.56	o, t
White hake	Urophycis tenuis	828.53	POUND	.65	
Windowpane	Scophthalmus aquosus	147,386.95	POUND	.2	p, q

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Winter flounder	<i>Pseudopleuronectes americanus</i>	146,528.41	POUND	.19	r
Witch flounder	<i>Glyptocephalus cynoglossus</i>	32,619.74	POUND	.34	
Yellowtail flounder	<i>Limanda ferruginea</i>	101,478.05	POUND	.23	s
<b>TOTAL FISHERY BYCATCH</b>		11,936,709.13	POUND		
<b>TOTAL FISHERY LANDINGS</b>		64,658,039.69	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		76,594,748.82	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.16			
<b>New England Lobster Pots</b>					
Acadian redfish	<i>Sebastes fasciatus</i>	3,399.09	POUND	1.94	a
American lobster	<i>Homarus americanus</i>	21,835,307.83	POUND	.16	t
Atlantic cod	<i>Gadus morhua</i>	74,490.39	POUND	.67	b
Benthic species, other	Animalia	2,405.05	POUND	.59	o, t, u, v
Black sea bass	<i>Centropristis striata</i>	15,408.70	POUND	.67	
Bony fishes, other	Osteichthyes	437.66	POUND	.91	o, t
Cunner	<i>Tautoglabrus adspersus</i>	18,617.34	POUND	.81	t
Cusk	<i>Brosme brosme</i>	40,252.65	POUND	1.59	t
Decapod crabs	Decapoda	2,866,880.00	POUND	.63	o, t
Demersal species, other	Animalia	452.38	POUND	.76	o, t, u
Flatfishes, other	Pleuronectiformes	367.45	POUND	.67	o, t
Gadiformes, other	Gadiformes	423.77	POUND	1.09	o, t
Gastropod snails, other	Gastropoda	237,800.44	POUND	1	o, t
Haddock	<i>Melanogrammus aeglefinus</i>	2,533.46	POUND	.54	g
Jonah crab	<i>Cancer borealis</i>	3,559,596.31	POUND	.46	t
Longfin inshore squid	<i>Loligo pealeii</i>	155.57	POUND	.86	h
Monkfish	<i>Lophius americanus</i>	2,644.69	POUND	.64	e, f
Ocean pout	<i>Zoarces americanus</i>	19,323.68	POUND	.81	
Perciformes, other (demersal)	Perciformes	1,670.65	POUND	.66	o, t
Perciformes, other (pelagic)	Perciformes	622.28	POUND	.86	o, t
Pollock	<i>Pollachius virens</i>	90.81	POUND	1.1	
Ray-finned fishes, other (demersal)	Actinopterygii	5,583.51	POUND	.45	o, t
Red deepsea crab	<i>Chaceon quinquedens</i>	468.14	POUND	.59	j
Red hake	<i>Urophycis chuss</i>	35,938.23	POUND	.81	k
Scorpionfishes, other	Scorpaeniformes	295,932.45	POUND	.78	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Scup	Stenotomus chrysops	2,663.68	POUND	1.04	
Sea bass, unc	Centropristis	93.34	POUND	.88	o, t
Skate Complex	Rajidae	1,831.20	POUND	1.05	n, o
Smooth dogfish	Mustelus canis	4,994.41	POUND	1.01	t
Spiny dogfish	Squalus acanthias	15,100.20	POUND	.57	
Summer flounder	Paralichthys dentatus	328.24	POUND	.91	
Tautog	Tautoga onitis	787.00	POUND	1.1	t
Triggerfishes, unc	Balistidae	1,490.94	POUND	.81	o, t
White hake	Urophycis tenuis	83,973.31	POUND	.89	
Windowpane	Scophthalmus aquosus	5,374.27	POUND	.81	p, q
Winter flounder	Pseudopleuronectes americanus	328.24	POUND	.91	r
Yellowtail flounder	Limanda ferruginea	87.53	POUND	.91	s
<b>TOTAL FISHERY BYCATCH</b>		29,137,854.89	POUND		
<b>TOTAL FISHERY LANDINGS</b>		30,926,625.94	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		60,064,480.83	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.49			
<b>New England Open-Area Mid-Water Otter Trawl *</b>					
Acadian redfish	Sebastes fasciatus	2,620.21	POUND	.9	a
Alewife	Alosa pseudoharengus	11.75	POUND	.34	t
American shad	Alosa sapidissima	13.35	POUND	.66	t
Atlantic herring	Clupea harengus	2,486.22	POUND	.72	
Atlantic mackerel	Scomber scombrus	44.56	POUND	.26	
Black sea bass	Centropristis striata	41.78	POUND	.76	
Blueback herring	Alosa aestivalis	28.57	POUND	.91	t
Bluefish	Pomatomus saltatrix	204.47	POUND	.76	
Bony fishes, other	Osteichthyes	686,761.53	POUND	1.19	o, t
Butterfish	Peprilus triacanthus	1,652.47	POUND	.76	
Demersal species, other	Animalia	377.97	POUND	.56	o, t, u
Haddock	Melanogrammus aeglefinus	3.93	POUND	.76	g
Longfin inshore squid	Loligo pealeii	333.25	POUND	.76	h
Menhaden, unc	Brevoortia	0.98	POUND	.75	o, t
Monkfish	Lophius americanus	29.35	POUND	1.24	e, f
Northern shortfin squid	Illex illecebrosus	1.26	POUND	1.24	i

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Pollock	Pollachius virens	138.32	POUND	.74	
Porbeagle shark	Lamna nasus	5,791.42	POUND	.69	t
Red hake	Urophycis chuss	4.19	POUND	1.24	k
Scorpionfishes, other	Scorpaeniformes	46.34	POUND	.65	o, t
Scup	Stenotomus chrysops	3,203.69	POUND	.76	
Shark, unc	Chondrichthyes	3,867.06	POUND	.96	o, t
Silver hake	Merluccius bilinearis	56.81	POUND	.65	m
Spiny dogfish	Squalus acanthias	297,185.60	POUND	.76	
Weakfish	Cynoscion regalis	8.36	POUND	.76	t
<b>TOTAL FISHERY BYCATCH</b>		1,004,913.44	POUND		
<b>TOTAL FISHERY LANDINGS</b>		119,773,560.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		120,778,473.44	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		<0.01			
<b>New England Purse Seine</b>					
Atlantic herring	Clupea harengus	144.11	POUND	.25	
Atlantic mackerel	Scomber scombrus	14.23	POUND	1.11	
Bony fishes, other	Osteichthyes	21,399.97	POUND	.32	o, t
Spiny dogfish	Squalus acanthias	10,079.27	POUND	.45	
Tuna, unc	Thunnus	10,876.90	POUND	.62	o, t
<b>TOTAL FISHERY BYCATCH</b>		42,514.48	POUND		
<b>TOTAL FISHERY LANDINGS</b>		60,086,069.00	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		60,128,583.48	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		<0.01			
<b>New England Small-Mesh Haddock Separator Otter Trawl<sup>#</sup></b>					
Alewife	Alosa pseudoharengus	1.52	POUND	.23	t
American lobster	Homarus americanus	646.83	POUND	.19	t
American plaice	Hippoglossoides platessoides	42.18	POUND	.2	
American shad	Alosa sapidissima	22.35	POUND	.18	t
Atlantic cod	Gadus morhua	16.57	POUND	.18	b
Atlantic halibut	Hippoglossus hippoglossus	48.39	POUND	.21	
Atlantic herring	Clupea harengus	13.15	POUND	.22	
Atlantic wolffish	Anarhichas lupus	6.44	POUND	.34	d
Benthic species, other	Animalia	17.11	POUND	.57	o, t, u, v



COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Butterfish	Peprilus triacanthus	0.19	POUND	.38	
Cunner	Tautoglabrus adspersus	6.87	POUND	.27	t
Decapod crabs	Decapoda	0.57	POUND	.38	o, t
Flatfishes, other	Pleuronectiformes	128.47	POUND	.11	o, t
Haddock	Melanogrammus aeglefinus	11,713.49	POUND	.07	g
Jonah crab	Cancer borealis	0.42	POUND	.61	t
Longfin inshore squid	Loligo pealeii	4.07	POUND	.36	h
Monkfish	Lophius americanus	5.59	POUND	.24	e, f
Northern shortfin squid	Illex illecebrosus	2.15	POUND	.35	i
Ocean pout	Zoarces americanus	117.14	POUND	.19	
Pollock	Pollachius virens	19.79	POUND	.16	
Porbeagle shark	Lamna nasus	883.86	POUND	.23	t
Red hake	Urophycis chuss	731.20	POUND	.2	k
Scorpionfishes, other	Scorpaeniformes	131.98	POUND	.11	o, t
Silver hake	Merluccius bilinearis	3,374.32	POUND	.18	m
Skate Complex	Rajidae	11,826.12	POUND	.09	n, o
Spiny dogfish	Squalus acanthias	59,510.10	POUND	.08	
Summer flounder	Paralichthys dentatus	110.14	POUND	.18	
White hake	Urophycis tenuis	6.16	POUND	.36	
Windowpane	Scophthalmus aquosus	189.16	POUND	.17	p, q
Winter flounder	Pseudopleuronectes americanus	16.33	POUND	.15	r
Witch flounder	Glyptocephalus cynoglossus	1.10	POUND	.15	
Yellowtail flounder	Limanda ferruginea	221.14	POUND	.12	s
<b>TOTAL FISHERY BYCATCH</b>		89,814.90	POUND		
<b>TOTAL FISHERY LANDINGS</b>		273,813.84	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		363,628.74	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.25			
<b>New England Small-Mesh Otter Trawl</b>					
Acadian redfish	Sebastes fasciatus	7,574.58	POUND	.5	a
Alewife	Alosa pseudoharengus	106,356.45	POUND	.18	t
Amberjack, unc	Seriola	8.07	POUND	.56	o, t
American eel	Anguilla rostrata	5.77	POUND	.56	t
American lobster	Homarus americanus	40,012.17	POUND	.23	t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
American plaice	Hippoglossoides platessoides	19,726.05	POUND	.3	
American shad	Alosa sapidissima	33,039.66	POUND	.54	t
Atlantic bonito	Sarda sarda	174.81	POUND	1.4	t
Atlantic cod	Gadus morhua	3,311.63	POUND	.26	b
Atlantic croaker	Micropogonias undulatus	57.65	POUND	.56	t
Atlantic hagfish	Myxine glutinosa	34.59	POUND	.56	t
Atlantic halibut	Hippoglossus hippoglossus	917.38	POUND	.62	
Atlantic herring	Clupea harengus	165,538.08	POUND	.58	
Atlantic mackerel	Scomber scombrus	46,040.17	POUND	.75	
Atlantic moonfish	Selene setapinnis	1,339.60	POUND	.42	t
Atlantic sturgeon	Acipenser oxyrinchus oxyrinchus	1,161.65	POUND	1.25	c, t
Atlantic surfclam	Spisula solidissima	104.96	POUND	1	
Atlantic wolffish	Anarhichas lupus	658.92	POUND	1	d
Basking shark	Cetorhinus maximus	86,477.39	POUND	.55	t
Benthic species, other	Animalia	133,066.34	POUND	.46	o, t, u, v
Bivalves, other	Bivalvia	79.14	POUND	.77	o, t
Black sea bass	Centropristis striata	301,956.48	POUND	.2	
Blue runner	Caranx crysos	8.08	POUND	.4	t
Blue shark	Prionace glauca	3,484.95	POUND	1.24	t
Blueback herring	Alosa aestivalis	32,146.66	POUND	.37	t
Bluefish	Pomatomus saltatrix	5,786.99	POUND	.27	
Bony fishes, other	Osteichthyes	46,054.87	POUND	.5	o, t
Butterfish	Peprilus triacanthus	1,275,102.90	POUND	.22	
Chain dogfish	Scyliorhinus retifer	19,534.55	POUND	.62	t
Croakers and drums, other	Sciaenidae	3,281.44	POUND	.25	o, t
Cunner	Tautoglabrus adspersus	348.58	POUND	1.05	t
Decapod crabs	Decapoda	248,176.19	POUND	.28	o, t
Decapod shrimps	Decapoda	2,992.19	POUND	1.37	o, t
Demersal species, other	Animalia	55,835.58	POUND	.26	o, t, u
Dories, other	Zeiformes	16,381.19	POUND	.38	o, t
Flatfishes, other	Pleuronectiformes	300,705.92	POUND	.24	o, t
Gadiformes, other	Gadiformes	292,699.11	POUND	.39	o, t
Gastropod snails, other	Gastropoda	1,417.26	POUND	.83	o, t

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Haddock	Melanogrammus aeglefinus	2,107,583.21	POUND	.26	g
Herrings, other	Clupeiformes	46,297.68	POUND	.77	o, t
Hickory shad	Alosa mediocris	468.05	POUND	.61	t
Horseshoe crab	Limulus polyphemus	8,642.84	POUND	.31	t
Jonah crab	Cancer borealis	15,084.82	POUND	.33	t
Longfin inshore squid	Loligo pealeii	320,095.31	POUND	.66	h
Mackerels, other	Scombridae	10.38	POUND	.56	o, t
Menhaden, unc	Brevoortia	1,446.12	POUND	.42	o, t
Monkfish	Lophius americanus	64,880.66	POUND	.48	e, f
Northern shortfin squid	Illex illecebrosus	423,412.24	POUND	1.12	i
Ocean pout	Zoarces americanus	2,431.72	POUND	.86	
Ocean quahog	Arctica islandica	496.49	POUND	.51	
Offshore hake	Merluccius albidus	841.71	POUND	.56	
Pandalid shrimp (northern)	Pandalus borealis	95.12	POUND	.81	t
Pelagic species, other	Animalia	6,092.85	POUND	.85	o, t, u
Perciformes, other (demersal)	Perciformes	1,898.86	POUND	.51	o, t
Perciformes, other (pelagic)	Perciformes	56.14	POUND	.72	o, t
Pipefishes (demersal)	Gasterosteiformes	403.56	POUND	.56	o, t
Pollock	Pollachius virens	6,362.92	POUND	1.13	
Porbeagle shark	Lamna nasus	13,259.87	POUND	.42	t
Quahog (hard shell clam)	Mercenaria mercenaria	8.16	POUND	1	t
Ray-finned fishes, other (demersal)	Actinopterygii	4,952.64	POUND	.67	o, t
Rays, other (demersal)	Myliobatiformes	222.15	POUND	1.29	o, t
Red deepsea crab	Chaceon quinquedens	114.15	POUND	.53	j
Red hake	Urophycis chuss	1,049,795.07	POUND	.26	k
Rough scad	Trachurus lathami	73.16	POUND	.45	t
Sand tiger shark	Carcharias taurus	2,441.79	POUND	.6	t
Scorpionfishes, other	Scorpaeniformes	333,165.58	POUND	.33	o, t
Scup	Stenotomus chrysops	456,995.23	POUND	.23	
Sea bass, unc	Centropristis	282.49	POUND	.55	o, t
Sea scallop	Placopecten magellanicus	645.53	POUND	.42	l
Silver hake	Merluccius bilinearis	1,659,748.03	POUND	.25	m
Skate Complex	Rajidae	1,576,897.15	POUND	.16	n, o

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Smooth dogfish	Mustelus canis	111,233.39	POUND	.25	t
Spiny dogfish	Squalus acanthias	1,515,326.61	POUND	.2	
Spot	Leiostomus xanthurus	59.96	POUND	.54	t
Squids, unc	Loliginidae	7,014.86	POUND	.86	o, t
Stingrays, other (demersal)	Dasyatidae	5,228.24	POUND	.7	o, t
Striped bass	Morone saxatilis	37,178.34	POUND	.39	t
Summer flounder	Paralichthys dentatus	199,276.81	POUND	.2	
Swordfish	Xiphias gladius	1,199.15	POUND	.4	t
Tautog	Tautoga onitis	11,374.19	POUND	.38	t
Tetraodontiformes, other (demersal)	Tetraodontiformes	605.23	POUND	.47	o, t
Tetraodontiformes, other (pelagic)	Tetraodontiformes	11,594.94	POUND	.94	o, t
Thresher shark	Alopias vulpinus	421.01	POUND	1	t
Tilefish	Lopholatilus chamaeleonticeps	1,112.68	POUND	.86	
Triggerfishes, unc	Balistidae	66.93	POUND	.37	o, t
Tuna, unc	Thunnus	11.66	POUND	1	o, t
Weakfish	Cynoscion regalis	12,113.17	POUND	.32	t
Whelks, other	Melongenidae	524.11	POUND	.45	o, t
White hake	Urophycis tenuis	15,148.29	POUND	.39	
White shark	Carcharodon carcharias	2,904.12	POUND	1.24	t
Windowpane	Scophthalmus aquosus	56,967.60	POUND	.3	p, q
Winter flounder	Pseudopleuronectes americanus	96,898.88	POUND	.17	r
Witch flounder	Glyptocephalus cynoglossus	31,526.46	POUND	.94	
Yellowtail flounder	Limanda ferruginea	36,251.36	POUND	.4	s
<b>TOTAL FISHERY BYCATCH</b>		13,510,841.17	POUND		
<b>TOTAL FISHERY LANDINGS</b>		42,402,379.28	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		55,913,220.45	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.24			
<b>New England Small-Mesh Ruhle Otter Trawl</b>					
American lobster	Homarus americanus	926.51	POUND	.47	t
American plaice	Hippoglossoides platessoides	52.14	POUND	.85	
American shad	Alosa sapidissima	51.87	POUND	.4	t
Atlantic herring	Clupea harengus	32.14	POUND	.4	
Benthic species, other	Animalia	45.48	POUND	.7	o, t, u, v

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
Butterfish	Peprilus triacanthus	6.25	POUND	.52	
Decapod crabs	Decapoda	1.46	POUND	.4	o, t
Dories, other	Zeiformes	17.53	POUND	.4	o, t
Flatfishes, other	Pleuronectiformes	62.47	POUND	.2	o, t
Gadiformes, other	Gadiformes	200.16	POUND	.4	o, t
Haddock	Melanogrammus aeglefinus	16,191.12	POUND	.03	g
Jonah crab	Cancer borealis	0.73	POUND	.4	t
Longfin inshore squid	Loligo pealeii	36.34	POUND	.33	h
Monkfish	Lophius americanus	83.09	POUND	.29	e, f
Northern shortfin squid	Illex illecebrosus	123.81	POUND	.74	i
Pollock	Pollachius virens	70.91	POUND	.31	
Porbeagle shark	Lamna nasus	6,238.97	POUND	.28	t
Ray-finned fishes, other (demersal)	Actinopterygii	1.46	POUND	.4	o, t
Red deepsea crab	Chaceon quinquedens	0.73	POUND	.4	j
Red hake	Urophycis chuss	1,643.32	POUND	.3	k
Scorpionfishes, other	Scorpaeniformes	29.65	POUND	.52	o, t
Silver hake	Merluccius bilinearis	25,676.95	POUND	.27	m
Skate Complex	Rajidae	13,132.08	POUND	.18	n, o
Spiny dogfish	Squalus acanthias	164,213.07	POUND	.2	
Tetraodontiformes, other (demersal)	Tetraodontiformes	8.04	POUND	.4	o, t
Windowpane	Scophthalmus aquosus	125.46	POUND	.77	p, q
Witch flounder	Glyptocephalus cynoglossus	4.65	POUND	.27	
Yellowtail flounder	Limanda ferruginea	203.16	POUND	.2	s
<b>TOTAL FISHERY BYCATCH</b>		229,179.55	POUND		
<b>TOTAL FISHERY LANDINGS</b>		444,749.48	POUND		
<b>TOTAL CATCH (Bycatch + Landings)</b>		673,929.03	POUND		
<b>FISHERY BYCATCH RATIO (Bycatch/Total Catch)</b>		0.34			

#### FOOTNOTES

1 Blank CV indicates no bycatch was observed.

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
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4 There are several fisheries that were included in past updates of the National Bycatch Report that are not included in this update. These include: Gulf of Maine Herring and Atlantic Mackerel Wier, Gulf of Maine Herring and Atlantic mackerel Stop Seine, Gulf of Maine Mussel, Mid-Atlantic Crab Stop Seine, Mid-Atlantic Eel Trap/Pot, Mid-Atlantic Hand Seine, Mid-Atlantic Oyster, New England Shrimp Pots and Traps, Northeast Atlantic Finfish Aquaculture, Northeast Atlantic Shellfish Aquaculture, and New England Hagfish Pots and Traps.

# New England small-mesh haddock separator otter trawl is a fleet associated with an temporary exempted fishery permit.

\$ Open and closed areas were previously included in the New England mid-water otter trawl fishery

\* Open and closed areas were previously included in the New England mid-water otter trawl fishery

~ Newly included for the Update 3 of the National Bycatch Report First Edition.

a In the First Edition of the National Bycatch Report (NMFS 2011) Acadian redfish was referred to as redfish.

b Atlantic cod has two stocks: Gulf of Maine and Georges Bank.

c Retention of this species is prohibited under the Endangered Species Act.

d Atlantic wolffish was added to the Northeast Multispecies FMP when Amendment 16 was implemented on May 1, 2010. Atlantic wolffish was not examined in the First Edition of the National Bycatch Report (NMFS 2011).

e Monckfish has two stocks: Goosefish-Gulf of Maine / Northern Georges Bank and Goosefish- Southern Georges Bank / Mid-Atlantic.

f In the First Edition of the National Bycatch Report, Update 1, and Update 2 (NMFS 2013, NMFS 2016), monckfish was referred to as goosefish.

g Haddock has two stocks: Gulf of Maine and Georges Bank.

h In the First Edition of the National Bycatch Report (NMFS 2011) longfin inshore squid was referred to as longfinned squid. In the First Edition of the National Bycatch Report (NMFS 2011) longfin inshore squid was referred to as longfinned squid. In the First Edition (NMFS 2011), First Edition Update 1 (NMFS 2013) and First Edition Update 2 (NMFS 2016), longfin inshore squid was associated with the scientific name *Loligo pealeii*.

i In the First Edition of the National Bycatch Report (NMFS 2011) northern shortfin squid was referred to as shortfin squid, northern.

j In the First Edition of the National Bycatch Report (NMFS 2011) red deepsea crab was referred to as deep sea red crab.

k Red hake has two stocks: Gulf of Maine / Northern Georges Bank and Southern Georges Bank / Middle Atlantic.

l In the First Edition of the National Bycatch Report (NMFS 2011) sea scallop was referred to as Atlantic sea scallop.

m Silver hake has two stocks: Gulf of Maine / Northern Georges Bank and Southern Georges Bank / Middle Atlantic.

n Skate Complex (Scientific name: Rajidae) is comprised of seven species in addition to unidentified skates: barndoor skate (*Dipturus leavis*), clearnose skate (*Raja eglanteria*), little skate (*Leucoraja erinacea*), rosette skate (*Leucoraja garmani*), smooth skate (*Malacoraja senta*), thorny skate (*Amblyraja radiata*), and winter skate (*Leucoraja ocellata*).

o Landings are not reported because this is a species complex/group. The U.S. National Bycatch Report does not use landings for complexes/groups since species in the bycatch complex/group may be different than species in the landings complex/group, even though the complex/group name is the same.

p Windowpane has two stocks: Gulf of Maine / Georges Bank and Southern New England / Mid-Atlantic.

q In the First Edition of the National Bycatch Report (NMFS 2011) windowpane was referred to as windowpane flounder.

r Winter flounder has three stocks: Gulf of Maine, Georges Bank, and Southern New England / Mid-Atlantic.

s Yellowtail flounder has three stocks: Georges Bank, Cape Cod / Gulf of Maine, and Southern New England / Mid-Atlantic.

COMMON NAME	SCIENTIFIC NAME	BYCATCH	UNIT	CV	FOOTNOTE(S)
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t This species/species group has been added to the analysis. It was not examined in the First Edition (NMFS 2011), First Edition Update 1 (NMFS 2013), or First Edition Update 2 (NMFS 2016).

u This group represents non-managed species/groups that cannot be grouped with any other species taxonomically, therefore they have been grouped based on their habitat zone.

v Non-animal (i.e. plant and algae) bycatch is included in this group, but contributes <1% of the group's bycatch.