

Table 4.6.2 SOUTHEAST REGION SEA TURTLE BYCATCH BY FISHERY (2015) Bycatch estimates are for live and dead releases in all fisheries. Estimates are included only for species with documented bycatch in a given year or years.

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Atlantic and Gulf of Mexico HMS Pelagic Longline[%]						
Leatherback sea turtle	Dermochelys coriacea	2015	300.00	INDIVIDUAL	.29	
Loggerhead sea turtle	Caretta caretta	2015	242.00	INDIVIDUAL	.21	
Fishery Total			542.00			
Gulf of Mexico Coastal Migratory Pelagic Gillnet						
Loggerhead sea turtle	Caretta caretta	2015	1.00	INDIVIDUAL		
Fishery Total			1.00			
Gulf of Mexico Reef Fish Vertical Line						
Green sea turtle	Chelonia mydas	2015	1.00	INDIVIDUAL		
Loggerhead sea turtle	Caretta caretta	2015	189.00	INDIVIDUAL	.5	
Fishery Total			190.00			
Gulf of Mexico Shrimp Trawl^{*,^}						
Green sea turtle	Chelonia mydas	2015	134.00	INDIVIDUAL		
Kemp's ridley sea turtle	Lepidochelys kempii	2015	158.00	INDIVIDUAL		
Loggerhead sea turtle	Caretta caretta	2015	46.00	INDIVIDUAL		
Unclassified sea turtles		2015	170.00	INDIVIDUAL		
Fishery Total			508.00			
Southeastern Atlantic Coastal Migratory Pelagic Troll						
Loggerhead sea turtle	Caretta caretta	2015	1.00	INDIVIDUAL		
Fishery Total			1.00			
Southeastern Atlantic Shrimp Trawl[*]						
Green sea turtle	Chelonia mydas	2015	51.00	INDIVIDUAL		
Kemp's ridley sea turtle	Lepidochelys kempii	2015	82.00	INDIVIDUAL		
Loggerhead sea turtle	Caretta caretta	2015	111.00	INDIVIDUAL		
Unclassified sea turtles		2015	140.00	INDIVIDUAL		
Fishery Total			384.00			
Southeastern Atlantic Snapper-Grouper Bottom Longline						
Loggerhead sea turtle	Caretta caretta	2015	2.00	INDIVIDUAL		
Fishery Total			2.00			
Southeastern Atlantic and Gulf of Mexico Shark Bottom Longline Research Fishery^{#,~}						
Loggerhead sea turtle	Caretta caretta	2015	4.00	INDIVIDUAL		
Fishery Total			4.00			
Grand Total			1,632.00			

SOUTHEAST REGION SEA TURTLE BYCATCH BY STOCK AND SPECIES

COMMON NAME	SCIENTIFIC NAME	YEAR	BYCATCH	UNIT	CV	FOOTNOTE(S)
Green sea turtle	Chelonia mydas	2015	186.00	INDIVIDUAL		
Kemp's ridley sea turtle	Lepidochelys kempii	2015	240.00	INDIVIDUAL		
Leatherback sea turtle	Dermochelys coriacea	2015	300.00	INDIVIDUAL		
Loggerhead sea turtle	Caretta caretta	2015	596.00	INDIVIDUAL		
Unclassified sea turtles		2015	310.00	INDIVIDUAL		

GRAND TOTAL

1,632.00 INDIVIDUAL

FOOTNOTES

* For more information about sea turtle bycatch in this fishery, see Babcock, E.A., M. Barnette, J. Bohnsack, J.J. Isely, C. Porch, P.M. Richards, C. Sasso, and X. Zhang. 2018. Integrated Bayesian models to estimate bycatch of sea turtles in the Gulf of Mexico and southeastern U.S. Atlantic coast shrimp otter trawl fishery. NOAA Technical Memorandum NOAA NMFS-SEFSC-721: 47 p.

^ Gulf of Mexico Shrimp Trawl estimates are for the offshore portion of the fishery only (COLREGS line (beach) out to 50 fathoms).

~ The Shark Bottom Longline Research Fishery has 100% observer coverage; therefore, no extrapolation is needed in its bycatch estimates.