

Table 7a. Rank of total discard weight **within fleet** for fish species groups derived from 2004 NEFOP data; *see Appendix Table II for all species.*

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	Species Groups															
					BLUEFISH	HERRING	SALMON	RED CRAB	SCALLOP	MACK/SQUID-BUTTERFISH	MONKFISH	NE MULTI-SPP (LARGE-MESH)	NE MULTI-SPP (SMALL-MESH)	SKATE	DOGFISH	FLUKE/SCUP/BLK SEA BASS	SURF CLAM/OCEAN QUAHOG	TILEFISH		
Longline	all	all	NE	all	5	5	*	5	5	5	5	2	4	3	1	5	5	5		
Longline	all	all	MA	all																
Otter Trawl	all	all	NE	small	9	8	*	10	12	1	7	6	3	2	4	5	13	11		
Otter Trawl	all	all	NE	large	9	10	*	6	8	11	4	3	7	1	2	5	13	12		
Otter Trawl	all	all	MA	small	8	11	*	12	9	2	7	6	5	1	3	4	10	13		
Otter Trawl	all	all	MA	large	10	11	*	12	5	7	6	4	8	1	2	3	9	12		
Scallop Trawl	open	limited	MA	all	7	7	*	7	1	6	4	3	7	2	7	5	7	7		
Scallop Trawl	open	general	MA	all	10	11	*	9	2	8	4	5	7	1	3	6	11	11		
Shrimp Trawl	all	all	NE	all	9	1	*	9	6	8	5	2	3	4	7	9	9	9		
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Sink, Anchor, Drift Gillnet	all	all	NE	small	3	3	*	3	3	2	3	3	3	3	1	3	3	3		
Sink, Anchor, Drift Gillnet	all	all	NE	large	5	8	*	10	11	7	4	2	6	3	1	9	12	12		
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	6	11	*	12	10	7	3	4	8	2	1	5	13	9		
Sink, Anchor, Drift Gillnet	all	all	MA	small	4	4	*	4	4	2	4	4	4	4	1	3	4	4		
Sink, Anchor, Drift Gillnet	all	all	MA	large	2	5	*	5	5	5	5	4	5	3	1	5	5	5		
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	4	7	*	7	6	7	3	7	7	2	1	5	7	7		
Scallop Dredge	open	limited	NE	all	11	11	*	10	1	9	3	5	7	2	8	4	6	11		
Scallop Dredge	open	limited	MA	all	11	11	*	10	1	9	3	5	8	2	6	4	7	11		
Scallop Dredge	open	general	NE	all	10	10	*	10	3	9	1	4	7	2	5	6	8	10		
Scallop Dredge	open	general	MA	all	10	10	*	10	2	9	3	4	8	1	7	5	6	10		
Scallop Dredge	closed	limited	NE	all	10	12	*	11	1	8	3	4	6	2	7	5	9	13		
Scallop Dredge	closed	limited	MA	all	10	9	*	12	1	8	3	6	7	2	5	4	11	13		
Scallop Dredge	closed	general	NE	all																
Scallop Dredge	closed	general	MA	all	5	5	*	5	1	5	3	5	5	2	5	4	5	5		
Mid-water paired & single Trawl	all	all	NE	all	6	3	*	11	10	1	8	4	5	7	2	9	11	11		
Mid-water paired & single Trawl	all	all	MA	all	8	6	*	9	9	2	3	7	5	9	1	4	9	9		
Fish Pots/ Traps	all	all	NE	all																
Fish Pots/ Traps	all	all	MA	all	3	3	*	3	3	3	2	3	3	3	3	1	3	3		
Purse Seine	all	all	NE	all	5	2	*	5	5	4	5	3	5	5	1	5	5	5		
Purse Seine	all	all	MA	all																
Hand Line	all	all	NE	all	2	2	*	2	2	2	2	1	2	2	2	2	2	2		
Hand Line	all	all	MA	all																
Scottish Seine	all	all	NE	all	5	5	*	5	5	5	5	2	3	4	5	1	5	5		
Clam Quahog Dredge	all	all	NE	all																
Clam Quahog Dredge	all	all	MA	all																
Crab Pots	all	all	NE	all																
Crab Pots	all	all	MA	all																
Lobster Pots	all	all	NE	all																
Lobster Pots	all	all	MA	all																

Note: Gray-shade cells indicate unlikely species/gear combinations; * indicate no discards of these species occurred.

Table 7b. Rank of total number of incidental takes **within fleet** for protected species groups derived from 2004 NEFOP data; *see Appendix Table II for all species.*

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups						
					TURTLES	SEALS	WHALES	DOLPHINS-PORPOISE	SEA BIRDS (ALL)	
Longline	all	all	NE	all	2	2	2	2	1	
Longline	all	all	MA	all	*	*	*	*	*	
Otter Trawl	all	all	NE	small	4	4	3	1	2	
Otter Trawl	all	all	NE	large	4	4	3	1	2	
Otter Trawl	all	all	MA	small	2	4	4	1	3	
Otter Trawl	all	all	MA	large	2	2	2	2	1	
Scallop Trawl	open	limited	MA	all	1	2	2	2	2	
Scallop Trawl	open	general	MA	all	*	*	*	*	*	
Shrimp Trawl	all	all	NE	all	*	*	*	*	*	
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	
Sink, Anchor, Drift Gillnet	all	all	NE	small	*	*	*	*	*	
Sink, Anchor, Drift Gillnet	all	all	NE	large	4	2	4	3	1	
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	4	1	4	2	3	
Sink, Anchor, Drift Gillnet	all	all	MA	small	2	3	3	3	1	
Sink, Anchor, Drift Gillnet	all	all	MA	large	1	3	3	3	2	
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	1	3	5	2	3	
Scallop Dredge	open	limited	NE	all	1	3	3	3	2	
Scallop Dredge	open	limited	MA	all	1	2	2	2	2	
Scallop Dredge	open	general	NE	all	*	*	*	*	*	
Scallop Dredge	open	general	MA	all	*	*	*	*	*	
Scallop Dredge	closed	limited	NE	all	2	3	3	3	1	
Scallop Dredge	closed	limited	MA	all	*	*	*	*	*	
Scallop Dredge	closed	general	NE	all						
Scallop Dredge	closed	general	MA	all	*	*	*	*	*	
Mid-water paired & single Trawl	all	all	NE	all	4	4	3	2	1	
Mid-water paired & single Trawl	all	all	MA	all	*	*	*	*	*	
Fish Pots/ Traps	all	all	NE	all						
Fish Pots/ Traps	all	all	MA	all	*	*	*	*	*	
Purse Seine	all	all	NE	all	*	*	*	*	*	
Purse Seine	all	all	MA	all	*	*	*	*	*	
Hand Line	all	all	NE	all	*	*	*	*	*	
Hand Line	all	all	MA	all	*	*	*	*	*	
Scottish Seine	all	all	NE	all	*	*	*	*	*	
Clam Quahog Dredge	all	all	NE	all						
Clam Quahog Dredge	all	all	MA	all						
Crab Pots	all	all	NE	all						
Crab Pots	all	all	MA	all						
Lobster Pots	all	all	NE	all	*	*	*	*	*	
Lobster Pots	all	all	MA	all						

Note: Gray-shade cells indicate unlikely species/gear combinations; * indicate no discards of these species occurred.

Table 7c. Rank of total discard weight **within species group** for fish species groups derived from 2004 NEFOP data ; see Appendix Table III for all species.

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	BLUEFISH	HERRING	SALMON	RED CRAB	SCALLOP	MACK/SQUID/BUTTERFISH	MONKFISH	NE MULTI-SPP (LARGE-MESH)	NE MULTI-SPP (SMALL-MESH)	SKATE	DOGFISH	FLUKE/SCUPL/BLK SEA BASS	SURF CLAM/OCEAN QUAHOG	TILEFISH
Longline	all	all	NE	all	14	13	*	11	19	21	21	6	16	17	10	22	11	5
Longline	all	all	MA	all														
Otter Trawl	all	all	NE	small	2	2	*	2	13	1	4	2	1	3	4	1	8	1
Otter Trawl	all	all	NE	large	4	5	*	1	11	6	3	1	3	1	3	5	6	2
Otter Trawl	all	all	MA	small	3	7	*	6	10	3	11	10	2	6	7	3	5	4
Otter Trawl	all	all	MA	large	8	9	*	11	7	4	10	4	9	5	5	4	3	5
Scallop Trawl	open	limited	MA	all	14	13	*	11	3	13	13	5	19	8	23	12	11	5
Scallop Trawl	open	general	MA	all	11	13	*	3	8	15	14	18	13	10	13	17	11	5
Shrimp Trawl	all	all	NE	all	14	3	*	11	16	20	19	12	5	18	22	22	11	5
Shrimp Trawl	all	all	MA	all	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	small	14	13	*	11	19	12	21	23	19	22	20	22	11	5
Sink, Anchor, Drift Gillnet	all	all	NE	large	7	6	*	4	17	11	15	3	10	15	2	18	11	5
Sink, Anchor, Drift Gillnet	all	all	NE	xlq	5	8	*	5	15	9	5	7	11	11	8	10	11	3
Sink, Anchor, Drift Gillnet	all	all	MA	small	14	13	*	11	19	5	21	23	19	22	6	14	11	5
Sink, Anchor, Drift Gillnet	all	all	MA	large	1	13	*	11	19	21	21	15	19	16	1	22	11	5
Sink, Anchor, Drift Gillnet	all	all	MA	xlq	6	13	*	11	14	21	12	23	19	14	12	16	11	5
Scallop Dredge	open	limited	NE	all	14	13	*	7	2	7	1	8	4	2	16	6	1	5
Scallop Dredge	open	limited	MA	all	14	13	*	8	1	10	2	11	7	4	14	7	2	5
Scallop Dredge	open	general	NE	all	14	13	*	11	9	19	6	16	12	13	19	15	7	5
Scallop Dredge	open	general	MA	all	14	13	*	11	6	18	9	14	15	7	21	11	4	5
Scallop Dredge	closed	limited	NE	all	10	12	*	9	4	14	7	9	8	9	17	8	9	5
Scallop Dredge	closed	limited	MA	all	13	11	*	10	5	16	8	19	17	12	18	9	10	5
Scallop Dredge	closed	general	NE	all														
Scallop Dredge	closed	general	MA	all	14	13	*	11	12	21	16	23	19	19	23	19	11	5
Mid-water paired & single Trawl	all	all	NE	all	9	1	*	11	18	2	17	13	6	20	9	21	11	5
Mid-water paired & single Trawl	all	all	MA	all	12	10	*	11	19	8	18	22	18	22	15	20	11	5
Fish Pots/ Traps	all	all	NE	all														
Fish Pots/ Traps	all	all	MA	all	14	13	*	11	19	21	20	23	19	22	23	2	11	5
Purse Seine	all	all	NE	all	14	4	*	11	19	17	21	21	19	22	11	22	11	5
Purse Seine	all	all	MA	all														
Hand Line	all	all	NE	all	14	13	*	11	19	21	21	17	19	22	23	22	11	5
Hand Line	all	all	MA	all														
Scottish Seine	all	all	NE	all	14	13	*	11	19	21	21	20	14	21	23	13	11	5
Clam Quahog Dredge	all	all	NE	all														
Clam Quahog Dredge	all	all	MA	all														
Crab Pots	all	all	NE	all														
Crab Pots	all	all	MA	all														
Lobster Pots	all	all	NE	all														
Lobster Pots	all	all	MA	all														

Note: Gray-shade cells indicate unlikely species/gear combinations; * indicate no discards of these species occurred.

Table 7d. Rank of total number of incidental takes **within species group** for protected species groups derived from 2004 NEFOP data; *see Appendix Table III for all species.*

Gear Type	Access Area (Open-Closed)	Trip Category (General/Limited)	Region	mesh groups	TURTLES	SEALS	WHALES	DOLPHINS/-PORPOISE	SEA BIRDS (ALL)
Longline	all	all	NE	all	9	4	4	8	12
Longline	all	all	MA	all	*	*	*	*	*
Otter Trawl	all	all	NE	small	9	4	1	3	6
Otter Trawl	all	all	NE	large	9	4	2	2	5
Otter Trawl	all	all	MA	small	6	4	4	4	11
Otter Trawl	all	all	MA	large	9	4	4	8	3
Scallop Trawl	open	limited	MA	all	1	4	4	8	14
Scallop Trawl	open	general	MA	all	*	*	*	*	*
Shrimp Trawl	all	all	NE	all	*	*	*	*	*
Shrimp Trawl	all	all	MA	all	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	small	*	*	*	*	*
Sink, Anchor, Drift Gillnet	all	all	NE	large	9	2	4	5	1
Sink, Anchor, Drift Gillnet	all	all	NE	xlg	9	1	4	1	9
Sink, Anchor, Drift Gillnet	all	all	MA	small	7	4	4	8	8
Sink, Anchor, Drift Gillnet	all	all	MA	large	5	4	4	8	7
Sink, Anchor, Drift Gillnet	all	all	MA	xlg	3	3	4	6	10
Scallop Dredge	open	limited	NE	all	2	4	4	8	4
Scallop Dredge	open	limited	MA	all	4	4	4	8	14
Scallop Dredge	open	general	NE	all	*	*	*	*	*
Scallop Dredge	open	general	MA	all	*	*	*	*	*
Scallop Dredge	closed	limited	NE	all	8	4	4	8	13
Scallop Dredge	closed	limited	MA	all	*	*	*	*	*
Scallop Dredge	closed	general	NE	all					
Scallop Dredge	closed	general	MA	all	*	*	*	*	*
Mid-water paired & single Trawl	all	all	NE	all	9	4	3	7	2
Mid-water paired & single Trawl	all	all	MA	all	*	*	*	*	*
Fish Pots/ Traps	all	all	NE	all					
Fish Pots/ Traps	all	all	MA	all	*	*	*	*	*
Purse Seine	all	all	NE	all	*	*	*	*	*
Purse Seine	all	all	MA	all	*	*	*	*	*
Hand Line	all	all	NE	all	*	*	*	*	*
Hand Line	all	all	MA	all	*	*	*	*	*
Scottish Seine	all	all	NE	all	*	*	*	*	*
Clam Quahog Dredge	all	all	NE	all					
Clam Quahog Dredge	all	all	MA	all					
Crab Pots	all	all	NE	all					
Crab Pots	all	all	MA	all					
Lobster Pots	all	all	NE	all	*	*	*	*	*
Lobster Pots	all	all	MA	all					

Note: Gray-shade cells indicate unlikely species/gear combinations; * indicate no discards of these species occurred.