

## Percentage of Fixed Gear Interactions during Bottom Trawl Surveys Spring 2009 – Spring 2015

These tables summarize the number of survey tows where a known physical interaction with, or capture of, fixed fishing gear occurred on bottom trawl surveys tows during Spring 2009 and Spring 2015 and the number of tows that were non-representative specifically due to the gear interaction. The data are summarized for all survey years combined and for each individual survey season for the four major areas of the survey: Mid-Atlantic, Southern New England, Georges Bank and Gulf of Maine.

### All Years Combined

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	1199	14	2	1.17	0.17
SNE	1206	60	2	4.98	0.17
Georges	1403	52	6	3.71	0.43
GOM	1122	153	17	13.64	1.52

### Spring 2009

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	93	1	0	1.08	0.00
SNE	99	4	0	4.04	0.00
Georges	115	3	1	2.61	0.87
GOM	96	11	1	11.46	1.04

### Fall 2009

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	96	0	0	0.00	0.00
SNE	99	4	1	4.04	1.01
Georges	106	5	1	4.72	0.94
GOM	75	8	0	10.67	0.00

### Spring 2010

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	108	1	0	0.93	0.00
SNE	99	3	0	3.03	0.00
Georges	103	2	1	1.94	0.97
GOM	91	10	2	10.99	2.20

**Fall 2010**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	104	1	0	0.96	0.00
SNE	100	1	0	1.00	0.00
Georges	104	1	0	0.96	0.00
GOM	64	5	0	7.81	0.00

**Spring 2011**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	96	0	0	0.00	0.00
SNE	90	6	0	6.67	0.00
Georges	106	3	1	2.83	0.94
GOM	80	8	1	10.00	1.25

**Fall 2011**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	96	1	0	1.04	0.00
SNE	89	4	1	4.49	1.12
Georges	101	3	0	2.97	0.00
GOM	71	14	3	19.72	4.23

**Spring 2012**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	84	0	0	0.00	0.00
SNE	87	6	0	6.90	0.00
Georges	111	8	0	7.21	0.00
GOM	103	17	1	16.50	0.97

**Fall 2012**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	97	2	0	2.06	0.00
SNE	90	10	0	11.11	0.00
Georges	106	6	0	5.66	0.00
GOM	91	8	2	8.79	2.20

**Spring 2013**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	96	1	0	1.04	0.00
SNE	89	4	0	4.49	0.00
Georges	121	4	1	3.31	0.83
GOM	97	17	2	17.53	2.06

**Fall 2013**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	100	1	1	1.00	1.00
SNE	90	4	0	4.44	0.00
Georges	111	5	0	4.50	0.00
GOM	84	14	1	16.67	1.19

**Spring 2014**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	34	2	0	5.88	0.00
SNE	87	5	0	5.75	0.00
Georges	102	3	0	2.94	0.00
GOM	86	12	0	13.95	0.00

**Fall 2014**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	97	2	0	2.06	0.00
SNE	96	4	0	4.17	0.00
Georges	110	6	0	5.45	0.00
GOM	82	9	0	10.98	0.00

**Spring 2015**

Area	Total # Tows	Gear Interaction	Failed Due to Interaction	% Interaction	%Failed Interaction
Mid-Atl	98	2	1	2.04	1.02
SNE	91	5	0	5.49	0.00
Georges	107	3	1	2.80	0.93
GOM	102	20	4	19.61	3.92