

Table 16. 2011 harbor seal serious injury, non-serious injury, and mortality estimates in the New England sink gillnet fishery (NESG).

2011	Observed	Bycatch Rate	Estimated	C.V.	95%
Time-Area Strata	Takes	(Take/Ton)	Takes	(%)	C.I.
Winter (Jan-May)					
Stellwagen Bank Management Area	1	0.005	2.70	83%	1-14
Cape Cod South Management Area	2	0.033	23.21	145%	2-201
Southern New England Management Area	10	0.037	54.73	40%	24-126
Southern New England Management Area (ASM missing pinger info)	3		3.00		
Subtotal	16		83.64	46%	40-229
Summer (Jun-Aug)					
Southern Maine Port Group	2	0.064	33.38	76%	2-127
Southern Maine Port Group (ASM missing pinger info)	11		11.00		
New Hampshire Port Group (ASM missing pinger info)	15*		15.00*		
North of Boston Port Group	3	0.031	36.54	57%	9-101
North of Boston Port Group (ASM missing pinger info)	18		18.00		
South of Cape Cod Port Group	1	0.013	31.41	113%	1-241
Subtotal	50		145.33	33%	82-304
Fall (Sept-Dec)					
	Takes	(Take/Ton)	Takes	(%)	C.I.
New Hampshire Port Group	1	0.058	9.76	104%	1-59
North of Boston Port Group	4	0.041	10.45	48%	4-28
South of Cape Cod Port Group	2	0.007	9.48	106%	2-66
East of Cape Cod Port Group	1	0.003	4.13	83%	1-22
Midcoast Management Area	7	0.046	43.29	48%	18-123
Stellwagen Bank Management Area	6	0.072	24.15	40%	10-54
Massachusetts Bay Management Area	3	0.083	15.11	51%	6-38
Subtotal	24		116.37	24%	73-198
2011 Total	90*		345.34**	19%	256-538

*Includes 1 harbor seal later determined to have non-serious injuries

** The bycatch estimate of 345 harbor seals includes 343 (CV = 19%) mortalities and serious injuries and an estimated 2 harbor seals with non-serious injuries