

**Table 5. 2010 harbor seal serious injury, non-serious injury, and mortality estimates in the New England sink gillnet fishery (NESG) and a National Marine Fisheries Service (NMFS) gillnet experiment.**

<b>2010</b>	<b>Observed</b>	<b>Bycatch Rate</b>	<b>Estimated</b>	<b>C.V.</b>	<b>95%</b>
<b>Time-Area Strata</b>	<b>Takes</b>	<b>(Take/Ton)</b>	<b>Takes</b>	<b>(%)</b>	<b>C.I.</b>
<b>Winter (Jan-May)</b>					
South of Cape Cod Port Group	3	0.035	71.83	75%	3-250
East of Cape Cod Port Group	6	0.141	120.49	75%	15-388
Midcoast Management Area	1	0.262	51.58	97%	1-193
South of Cape Cod Hanging Ratio Study	1		1.00		
<b>Subtotal</b>	<b>11</b>		<b>244.90</b>	<b>48%</b>	<b>69-525</b>
<b>Summer (Jun-Aug)</b>					
Southern Maine Port Group	7	0.090	19.44	46%	7-47
Southern Maine Port Group (ASM missing pinger info)	3		3.00		
New Hampshire Port Group	2	0.031	20.32	71%	2-64
New Hampshire Port Group (ASM missing pinger info)	7		7.00		
North of Boston Port Group	1	0.006	8.60	100%	1-37
North of Boston Port Group (ASM missing pinger info)	3		3.00		
South of Boston Port Group	1	0.015	11.50	106%	1-62
<b>Subtotal</b>	<b>24</b>		<b>72.86</b>	<b>31%</b>	<b>38-129</b>
<b>Fall (Sep-Dec)</b>					
Southern Maine Port Group	1	0.022	3.29	126%	1-17
New Hampshire Port Group	2	0.119	6.89	90%	2-38
New Hampshire Port Group (ASM missing pinger info)	3		3.00		
North of Boston Port Group	1	0.012	3.94	92%	1-22
South of Cape Cod Port Group	1	0.032	17.98	112%	1-92
East of Cape Cod Port Group	7	0.066	21.70	36%	11-42
East of Cape Cod Port Group (ASM missing pinger info)	2		2.00		
Midcoast Management Area	9	0.031	26.65	34%	14-53
Midcoast Management Area (ASM missing pinger info)	1		1.00		
Stellwagen Bank Management Area	5	0.078	16.32	36%	8-32
Cape Cod South Management Area	3	0.939	113.49	69%	3-266
Southern New England Management Area	1	0.123	8.74	119%	1-79
<b>Subtotal</b>	<b>36</b>		<b>225.00</b>	<b>32%</b>	<b>135-397</b>
<b>2010 Total</b>	<b>71</b>		<b>542.76*</b>	<b>25%</b>	<b>316-833</b>

\* The bycatch estimate of 543 harbor seals includes 540 (CV = 25%) mortalities and serious injuries and an estimated 3 harbor seals with non-serious injuries