

Table 1. Gulf of Maine Recreational Catch Estimates by Fishing Year¹				
	FY2013	FY2014	FY2015 ³	% Change 2014-2015
Angler Trips ²	254,949	208,737	112,271	-46%
Cod Catch (numbers, a+b1+b2)	993,486	817,000	385,437	-53%
Cod Kept (numbers, a+b1)	381,181	224,399	5,293	-98%
Cod Released (numbers, b2)	612,306	592,601	380,144	-36%
Cod Removals (numbers, a+b1+(0.15*b2))	473,027	313,289	62,315	-80%
Cod Removals (weight ⁴ , mt)	779	619	69	-89%
Cod Avg. Catch Per Trip (numbers)	3.9	3.9	3.4	
Cod Avg. Kept Per Trip (numbers)	1.5	1.1	0.05	
Cod Avg. Released Per Trip (numbers)	2.4	2.8	3.4	
Cod Avg. Weight of Kept Fish (weight ⁴ , lbs)	4.1	5.4	2.6	
Haddock Catch (numbers, a+b1+b2)	772,601	1,021,004	567,613	-44%
Haddock Kept (numbers, a+b1)	165,028	173,974	165,298	-5%
Haddock Released (numbers, b2)	607,574	847,030	402,316	-53%
Haddock Removals (numbers, a+b1+(0.5*b2))	468,815	597,489	366,456	-39%
Haddock Removals (weight ⁴ , mt)	549	646	301	-53%
Haddock Avg. Angler Catch Per Trip (numbers)	3.0	4.9	5.1	
Haddock Avg. Angler Kept Per Trip (numbers)	0.6	0.8	1.5	
Haddock Avg. Angler Released Per Trip (numbers)	2.4	4.1	3.6	
Haddock Avg. Weight of Kept Fish (weight ⁴ , lbs)	1.8	1.7	2.5	
¹ Source: Available MRIP data as of October 22, 2015				
² Angler trips = number of angler trips that targeted and/or caught cod or haddock				
³ Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.				
⁴ All weights are based on round weights calculated from MRIP length frequencies and length to weight equations used in the assessments.				

Table 2. Gulf of Maine Cod Catch by Fishing Year and Mode (numbers of fish)											
	Harvest (a+b1)				Released (b2)				Total Catch (a+b1+b2)		
Mode	FY2013	FY2014	FY2015*		FY2013	FY2014	FY2015*		FY2013	FY2014	FY2015*
Headboat	131,686	33,214	2,269		139,247	90,040	128,718		270,933	123,254	130,988
Charterboat	68,776	89,024	-		140,774	202,425	70,479		209,550	291,449	70,479
Privateboat	180,719	102,161	3,024		332,032	300,137	180,947		512,750	402,298	183,970
Shore	-	-	-		253	-	-		253	-	-
	381,181	224,399	5,293		612,306	592,601	380,144		993,486	817,000	385,437
*Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.											

Table 3. Gulf of Maine Haddock Catch by Fishing Year and Mode (numbers of fish)											
	Harvest (a+b1)				Released (b2)				Total Catch (a+b1+b2)		
Mode	FY2013	FY2014	FY2015*		FY2013	FY2014	FY2015*		FY2013	FY2014	FY2015*
Headboat	33,197	56,099	108,565		219,932	343,796	177,308		253,129	399,895	285,873
Charterboat	45,147	69,726	35,085		85,053	211,999	59,575		130,201	281,725	94,660
Privateboat	86,684	48,149	21,648		302,588	291,235	165,433		389,272	339,384	187,081
Shore	0	0	0		-	0	0		0	0	0
	165,028	173,974	165,298		607,574	847,030	402,316		772,601	1,021,004	567,613
*Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.											

Table 4. Estimated Gulf of Maine Cod Catch in Fishing Year 2015 by Mode and Wave* (numbers of fish)						
	Wave					
	3 (May-June, 2015)	4 (Jul-Aug, 2015)	5 (Sep-Oct, 2015)	6 (Nov-Dec, 2015)	1 (Jan-Feb, 2016)	2 (Mar-Apr, 2016)
Head						
Harvest (a+b1)	1,671	543	56	0	0	0
Released (b2)	72,849	54,407	1,463	0	0	0
Total (a+b1+b2)	74,519	54,950	1,519	0	0	0
Charter						
Harvest (a+b1)	-	-	-	0	0	0
Released (b2)	41,901	25,391	3,187	0	0	0
Total (a+b1+b2)	41,901	25,391	3,187	0	0	0
Private						
Harvest (a+b1)	49	2,367	607	0	0	0
Released (b2)	33,056	132,621	15,270	0	0	0
Total (a+b1+b2)	33,105	134,988	15,877	0	0	0
Shore						
Harvest (a+b1)	0	0	0	0	0	0
Released (b2)	0	0	0	0	0	0
Total (a+b1+b2)	0	0	0	0	0	0
All Modes						
Harvest (a+b1)	1,720	2,909	663	0	0	0
Released (b2)	147,805	212,419	19,920	0	0	0
Total (a+b1+b2)	149,525	215,329	20,583	0	0	0
*Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.						

Table 5. Estimated Gulf of Maine Haddock Catch in Fishing Year 2015 by Mode and Wave* (numbers of fish)						
	Wave					
	3 (May-June, 2015)	4 (Jul-Aug, 2015)	5 (Sep-Oct, 2015)	6 (Nov-Dec, 2015)	1 (Jan-Feb, 2016)	2 (Mar-Apr, 2016)
Head						
Harvest (a+b1)	57,318	50,634	612	0	0	0
Released (b2)	61,314	103,952	12,042	0	0	0
Total (a+b1+b2)	118,632	154,586	12,654	0	0	0
Charter						
Harvest (a+b1)	17,843	17,112	130	0	0	0
Released (b2)	17,017	34,926	7,632	0	0	0
Total (a+b1+b2)	34,859	52,038	7,763	0	0	0
Private						
Harvest (a+b1)	2,698	18,950	-	0	0	0
Released (b2)	18,899	127,732	18,802	0	0	0
Total (a+b1+b2)	21,597	146,682	18,802	0	0	0
Shore						
Harvest (a+b1)	0	0	0	0	0	0
Released (b2)	0	0	0	0	0	0
Total (a+b1+b2)	0	0	0	0	0	0
All Modes						
Harvest (a+b1)	77,858	86,696	743	0	0	0
Released (b2)	97,230	266,610	38,477	0	0	0
Total (a+b1+b2)	175,088	353,306	39,219	0	0	0
*Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.						

Table 6. Gulf of Maine Cod Average Catch (numbers of fish) per Angler Trip ¹ by Fishing Year and Mode				
	Avg. Catch (a+b1+b2)			
Mode	FY2013	FY2014	FY2015 ²	
Headboat	2.7	1.5	2.9	
Charterboat	10.9	8.8	5.0	
Privateboat	3.8	4.4	3.4	
Shore	0	0	0	
¹ Angler trips = number of trips that targeted and/or caught cod or haddock				
² Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.				

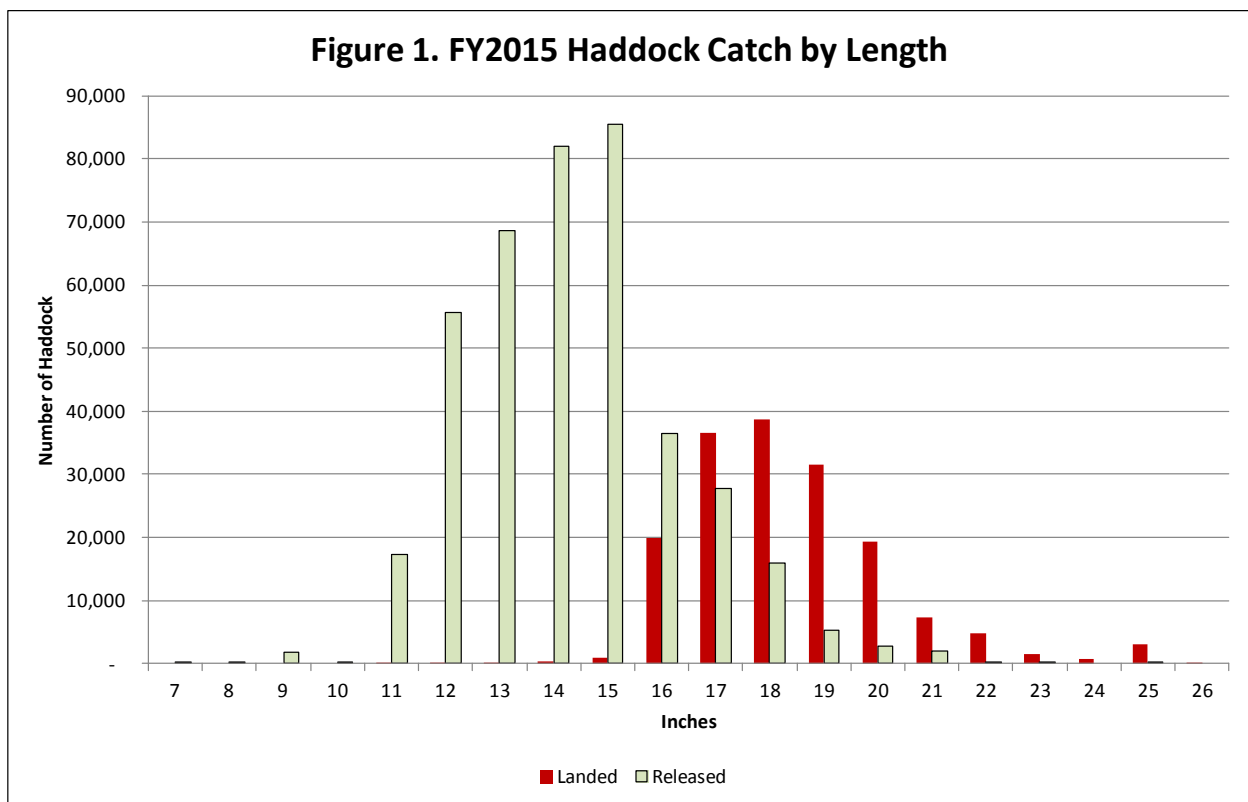
Table 7. Gulf of Maine Haddock Average Catch (numbers of fish) per Angler Trip ¹ by Fishing Year and Mode				
	Avg. Catch (a+b1+b2)			
Mode	FY2013	FY2014	FY2015 ²	
Headboat	2.5	4.7	6.4	
Charterboat	6.8	8.5	6.7	
Privateboat	2.9	3.7	3.5	
Shore	0	0	0	
¹ Angler trips = number of trips that targeted and/or caught cod or haddock				
² Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.				

Table 8. Directed Gulf of Maine Angler Trips ¹ by Fishing Year and Mode				
	Angler Trips			
Mode	FY2013	FY2014	FY2015 ²	% Change 2014 to 2015
Headboat	101,399	84,449	44,644	-47%
Charterboat	19,231	33,303	14,094	-58%
Privateboat	134,066	90,972	53,532	-41%
Shore	253	13	0	-100%
	254,949	208,737	112,271	-46%
¹ Angler trips = number of trips that targeted and/or caught cod or haddock				
² Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.				

Table 9. All Gulf of Maine Angler Trips ¹ by Fishing Year and Mode				
	Angler Trips			
Mode	FY2013	FY2014	FY2015 ²	% Change 2014 to 2015
Headboat	159,243	129,249	78,575	-39%
Charterboat	99,516	107,999	59,626	-45%
Privateboat	1,607,871	1,323,438	986,040	-25%
Shore	734,628	761,359	926,484	22%
	2,601,258	2,322,046	2,050,724	-12%
¹ Angler trips = all angler trips in Gulf of Maine				
² Data available for wave's 3 and 4 in FY2015. Data from wave 2, 2015 and wave's 5 and 6, 2014 used as proxies.				

Table 10. Example Length-Weight* Conversions for FY2015

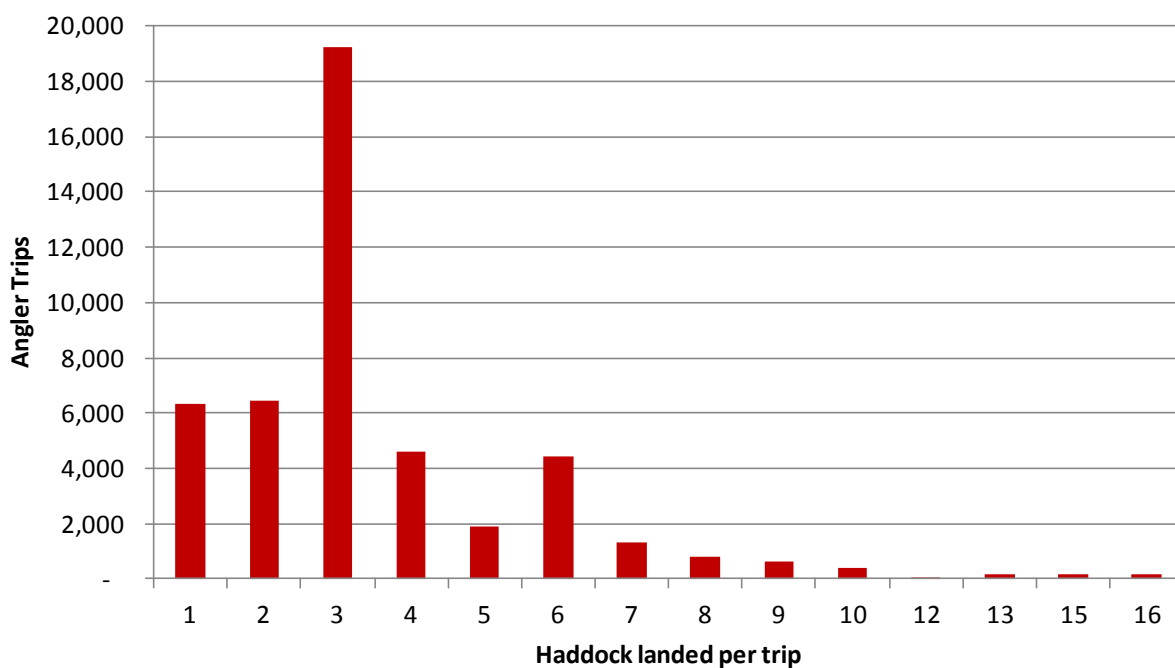
	Cod	Haddock			
Length (inches)	Round Weight (lbs)				
16	1.53	1.63			
17	1.84	1.95			
18	2.19	2.30			
19	2.59	2.70			
20	3.04	3.14			
21	3.53	3.62			
22	4.08	4.16			
23	4.68	4.74			
24	5.34	5.38			
25	6.05	6.07			
26	6.84	6.81			
*All weights are based on round weights					



13% of haddock landings (numbers of fish) < 17 inches (12% of these fish were 16 inches)

5% of total haddock mortality was from haddock < 17 inches

Figure 2. FY2015 Number of Haddock Landed per Angler Trip (landings > 0)



22% of angler trips (landings > 0) retained more than the possession limit

27% of haddock landings (numbers) were from retained fish above the possession limit

12% of total haddock mortality (weight) were from retained fish above the possession limit