

Gulf of Maine Cod and Haddock

Table 1. Gulf of Maine Recreational Catch Estimates (old MRIP)¹

	FY2018	FY2019 ²	
Cod/Haddock Angler Trips ³	121,447	106,857	-12%
Cod Catch (numbers, a+b1+b2)	467,435	233,272	-50%
Cod Kept/Released Dead (numbers, a+b1)	2,085	9,757	368%
Cod Released Alive (numbers, b2)	465,350	223,514	-52%
Cod Removals (numbers, a+b1+(b2*0.15))	71,888	43,284	-40%
Cod Removals (weight⁴, mt)	147	77	-48%
Cod Avg. Catch Per Trip (numbers)	3.8	2.2	-43%
Cod Avg. Weight of Caught Fish (lbs)	4.6	3.5	-24%
Haddock Catch (numbers, a+b1+b2)	1,053,632	647,946	-39%
Haddock Kept/Released Dead (numbers, a+b1)	472,179	323,707	-31%
Haddock Released Alive (numbers, b2)	581,453	324,238	-44%
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	754,765	517,730	-31%
Haddock Removals (weight⁴, mt)	595	398	-33%
Haddock Avg. Catch Per Trip (numbers)	8.7	6.1	-30%
Haddock Avg. Weight of Caught Fish (lbs)	1.7	1.6	-6%

¹Source: Available MRIP data as of Jan 6, 2020

²Wave 6, 2018 and Wave 2, 2019 used as a proxies for FY 2019.

³Angler trips = number of trips that targeted and/or caught cod or haddock

⁴All 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 Recreational Catch Estimates (new MRIP)¹

	FY2018	FY2019 ²	
Cod/Haddock Angler Trips ³	289,013	273,825	-5%
Cod Catch (numbers, a+b1+b2)	1,175,233	468,159	-60%
Cod Kept/Released Dead (numbers, a+b1)	5,368	17,197	220%
Cod Released Alive (numbers, b2)	1,169,865	450,962	-61%
Cod Removals (numbers, a+b1+(b2*0.15))	180,848	84,841	-53%
Cod Removals (weight⁴, mt)	382	150	-61%
Cod Avg. Catch Per Trip (numbers)	4.1	1.7	-58%
Cod Avg. Weight of Caught Fish (lbs)	4.7	3.5	-26%
Haddock Catch (numbers, a+b1+b2)	2,255,068	1,479,843	-34%
Haddock Kept/Released Dead (numbers, a+b1)	1,153,311	860,349	-25%
Haddock Released Alive (numbers, b2)	1,101,757	619,494	-44%
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	1,724,792	1,248,314	-28%
Haddock Removals (weight⁴, mt)	1,485	997	-33%
Haddock Avg. Catch Per Trip (numbers)	7.8	5.4	-31%
Haddock Avg. Weight of Caught Fish (lbs)	1.8	1.7	-6%

¹Source: Available MRIP data as of Jan 6, 2020

²Wave 6, 2018 and Wave 2, 2019 used as a proxies for FY 2019.

³Angler trips = number of trips that targeted and/or caught cod or haddock

⁴All weights are based on round weights calculated from MRIP length frequencies and length to weight equations used in the assessments

Table 3. Gulf of Maine Angler Trips by Mode (new MRIP)

	FY2018			FY2019		
	Cod & Haddock Angler Trips ¹	All Angler Trips ²	% Cod & Haddock Angler Trips	Cod & Haddock Angler Trips ¹	All Angler Trips ²	% Cod & Haddock Angler Trips
Head	37,475	69,242	54%	30,150	71,693	42%
Charter	13,896	76,066	18%	12,705	123,836	10%
Private	234,473	2,881,779	8%	230,970	2,418,774	10%
Shore	3,169	3,135,395	0.1%	-	3,524,762	0%

¹Number of angler trips that targeted and/or caught cod or haddock

²All angler trips in the Gulf of Maine

Table 4. Gulf of Maine Cod Recreational Catch Estimates by Mode (new MRIP)

	FY2018	FY2019	
Head			
Cod Catch (numbers, a+b1+b2)	60,665	58,101	-4%
Cod Kept/Released Dead (numbers, a+b1)	530	1,741	228%
Cod Released Alive (numbers, b2)	60,135	56,359	-6%
Cod Removals (numbers, a+b1+(b2*0.15))	9,550	10,195	7%
Cod Avg. Catch Per Angler Trip (numbers) ¹	1.6	1.9	19%
Charter			
Cod Catch (numbers, a+b1+b2)	21,381	42,536	99%
Cod Kept/Released Dead (numbers, a+b1)	407	2,373	483%
Cod Released Alive (numbers, b2)	20,974	40,162	91%
Cod Removals (numbers, a+b1+(b2*0.15))	3,553	8,397	136%
Cod Avg. Catch Per Angler Trip (numbers) ¹	1.5	3.3	118%
Private			
Cod Catch (numbers, a+b1+b2)	1,090,017	367,522	-66%
Cod Kept/Released Dead (numbers, a+b1)	1,262	13,082	937%
Cod Released Alive (numbers, b2)	1,088,756	354,440	-67%
Cod Removals (numbers, a+b1+(b2*0.15))	164,575	66,248	-60%
Cod Avg. Catch Per Angler Trip (numbers) ¹	4.6	1.6	-66%
Shore			
Cod Catch (numbers, a+b1+b2)	3,169	0	
Cod Kept/Released Dead (numbers, a+b1)	3,169	0	
Cod Released Alive (numbers, b2)	-	0	
Cod Removals (numbers, a+b1+(b2*0.15))	3,169	0	
Cod Avg. Catch Per Angler Trip (numbers) ¹	1	0	

¹Based on the number of angler trips that targeted and/or caught cod or haddock

Table 5. Gulf of Maine Haddock Recreational Catch Estimates by Mode (new MRIP)

	FY2018	FY2019	
Head			
Haddock Catch (numbers, a+b1+b2)	350,185	159,152	-55%
Haddock Kept/Released Dead (numbers, a+b1)	165,955	90,002	-46%
Haddock Released Alive (numbers, b2)	184,229	69,150	-62%
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	261,190	132,907	-49%
Haddock Avg. Catch Per Angler Trip (numbers) ¹	9.3	5.3	-44%
Charter			
Haddock Catch (numbers, a+b1+b2)	188,578	163,815	-13%
Haddock Kept/Released Dead (numbers, a+b1)	81,871	88,231	8%
Haddock Released Alive (numbers, b2)	106,707	75,583	-29%
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	136,860	134,447	-2%
Haddock Avg. Catch Per Angler Trip (numbers) ¹	13.6	12.9	-5%
Private			
Haddock Catch (numbers, a+b1+b2)	1,716,305	1,156,876	-33%
Haddock Kept/Released Dead (numbers, a+b1)	905,485	682,116	-25%
Haddock Released Alive (numbers, b2)	810,820	474,761	-41%
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	1,326,743	980,960	-26%
Haddock Avg. Catch Per Angler Trip (numbers) ¹	7.3	5.0	-32%
Shore			
Haddock Catch (numbers, a+b1+b2)	0	0	
Haddock Kept/Released Dead (numbers, a+b1)	0	0	
Haddock Released Alive (numbers, b2)	0	0	
Haddock Removals (numbers, a+b1+(b2*season/size release mortality))	0	0	
Haddock Avg. Catch Per Angler Trip (numbers) ¹	0	0	

¹Based on the number of angler trips that targeted and/or caught cod or haddock

Table 6. Gulf of Maine Cod Recreational Catch Estimates, Sept 15 - 30 (New MRIP)¹

	FY2018		FY2019 ²	
	Sept 15 - 30 (PSE) ⁴		Sept 15 - 30 (PSE) ⁴	
Cod/Haddock Angler Trips ³	5,137	(0.42)	46,762	(0.40)
Cod Catch (numbers, a+b1+b2)	6,095	(0.52)	43,501	(0.19)
Cod Kept/Released Dead (numbers, a+b1)	23		6,287	
Cod Released Alive (numbers, b2)	6,073		37,214	
Cod Removals (numbers, a+b1+(b2*0.15))	934		11,869	
Cod Removals (weight⁵, mt)	2		19	

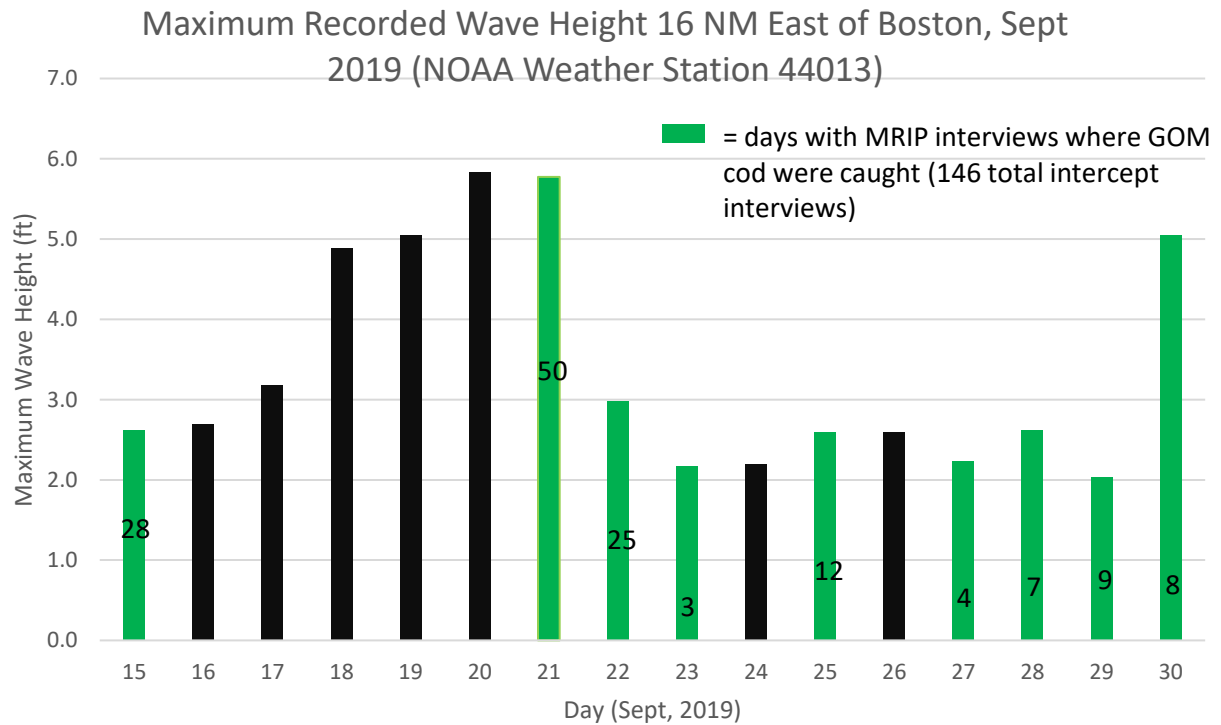
¹Available MRIP data as of Jan 6, 2020

²Wave 6, 2018 and Wave 2, 2019 used as a proxies for FY 2019.

³Angler trips = number of trips that targeted and/or caught cod or haddock

⁴64 intercepted trips with cod catch during Sept 15 -30, 2018; 146 intercepted trips with cod catch during Sept 15 - 30, 2019

⁵All weights are based on round weights calculated from MRIP length frequencies and length to weight equations used in the assessment



Georges Bank Cod

Table 1. George's Bank Recreational Catch Estimates (old MRIP)¹

	FY2018	FY2019 ²	
Cod Angler Trips ³	21,372	20,258	-5%
Cod Catch (numbers, a+b1+b2)	19,371	47,178	144%
Cod Kept/Released Dead (numbers, a+b1)	12,499	25,875	107%
Cod Released Alive (numbers, b2)	6,872	21,303	210%
Cod Removals (numbers, a+b1+(0.30*b2))	14,561	32,266	122%
Cod Removals (weight⁴, mt)	37	116	214%
Cod Avg. Catch Per Trip (numbers)	0.9	2.3	157%

¹Source: Available MRIP data as of Jan 6, 2020

²Wave 6, 2018 and Wave 2, 2019 used as a proxies for FY 2019

³Number of angler trips that targeted and/or caught cod

⁴All weights are based on round weights calculated from MRIP length frequencies and length to weight equations used in the assessment

Table 2. George's Bank Recreational Catch Estimates (new MRIP)¹

	FY2018	FY2019 ²	
Cod Angler Trips ³	47,343	46,719	-1%
Cod Catch (numbers, a+b1+b2)	41,073	113,117	175%
Cod Kept/Released Dead (numbers, a+b1)	25,277	54,347	115%
Cod Released Alive (numbers, b2)	15,796	58,770	272%
Cod Removals (numbers, a+b1+(0.30*b2))	30,016	71,978	140%
Cod Removals (weight⁴, mt)	76	233	207%
Cod Avg. Catch Per Trip (numbers)	0.9	2.4	179%

¹Source: Available MRIP data as of Jan 6, 2020

²Wave 6, 2018 and Wave 2, 2019 used as a proxies for FY 2019

³Number of angler trips that targeted and/or caught cod

⁴All weights are based on round weights calculated from MRIP length frequencies and length to weight equations used in the assessment