

TABLE 2A: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

04/12/21

Estimated fishery impacts from regulations described by the following FRAM run:

10:50 PM

FRAM Run Number:

bc-Coho2126b_STTNOF

Run Description:

PFMC 2 Alt 1b - April 12

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort.

FISHERY	SKAGIT Wild	STILLY Wild	SNOHOM Wild	HOOD CANAL Wild	JUAN DE FUCA TRIBS Wild
Projected Spawning Escapement	36,274	18,360	42,811	16,302	6,059
Spawning Low/Normal Esc. Breakpoint	25,000	10,000	55,000	14,350	11,000
Projected Exploitation Rate (all fisheries)	38.4%	31.8%	29.0%	43.7%	9.6%
Exploitation Rate Ceiling (updated annually)	35%	50%	40%	45%	(up to 10% US ER)
Exploitation in Southern U.S. Fisheries	33%	28%	25.6%	38%	6.1%
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CANADIAN	3,110	913	2,046	1,612	195
ALASKA	1	0	0	8	36
S. of Falcon Troll	11	5	11	8	3
S. of Falcon Sport	42	19	44	25	22
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NORTH OF CAPE FALCON OCEAN:					
Treaty Troll	1,300	410	919	697	127
NT Troll N. Leadbtr	45	21	47	34	3
NT Troll S. Leadbtr	9	4	9	3	1
Sport: Area 1	10	3	8	7	1
Buoy 10	1	0	0	4	0
Area 2	35	12	27	22	4
Area 3	6	4	9	14	1
Area 4 *	134	34	77	72	4
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PUGET SOUND:					
Treaty Troll	30	18	40	33	3
Sport: Areas 5	326	106	239	254	55
Area 6	83	25	57	59	14
Area 7	115	11	25	17	0
Area 8-1,2	1,104	245	643	7	0
Area 9	584	272	611	693	6
Area 12	2	0	0	675	0
Area 10	1,502	186	418	1,367	6
Area 11	17	8	17	43	0
Area 13	11	1	1	5	0
Freshwater Sport	3,088	796	83	0	0
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Pre-terminal net:					
6/7/7A NTry	122	7	15	15	7
6/7/7A Try	112	4	9	15	9
4B/5/6C NTry	0	0	0	0	0
4B/5/6C Try	115	35	80	152	126
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Terminal net:					
Skagit Bay (8) NTry	0	0	0	0	0
Skagit Bay (8) Try	474	1	2	1	0
Area 8A NTry	0	0	0	0	0
Area 8A Try	1,326	1,510	3,809	52	0
Hood Canal NTry	7	3	8	983	4
Hood Canal Try	17	11	25	3,917	11
South Pgt Snd NTry	9	4	9	53	0
South Pgt Snd Try	42	17	39	358	4
B'ham Bay(7B) NTry	34	2	4	1	0
B'ham Bay(7B) Try	240	11	26	4	0
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Local Extreme Terminal Net:					
Nontreaty	0	4	9	197	0
Treaty	7,534	3,878	8,099	1,259	0
Test	982	n/a	n/a	n/a	n/a

TABLE 2D: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

Estimated fishery impacts from regulations described by the following F

04/12/21

FRAM Run Number:

10:50 PM

Run Description:

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort. Trty/NonTrty split

FISHERY	SOUTH PUGET SOUND		NOOKSACK-SAMISH	
		Total		Total
Projected Spawning Escapement		84,027		27,235
Spawning Escapement Objective				
Projected Exploitation Rate (all fisheries)				
Exploitation in Southern U.S. Fisheries				

CANADIAN		9,642		9,226
ALASKA		14		15
S. of Falcon Troll		97		27
S. of Falcon Sport		402		157
NORTH OF CAPE FALCON OCEAN: -----				
Treaty Troll		4,677		1,971
NT Troll N. Leadbtrr		330		88
NT Troll S. Leadbtrr		37		7
Sport: Area 1		134		37
Buoy 10		7		3
Area 2		402		146
Area 3		83		48
Area 4 *		1,347		611
PUGET SOUND: -----				
Treaty Troll		92		7
Sport: Areas 5		6,242		1,478
Area 6		1,198		279
Area 7		398		1,092
Area 8		377		1,559
Area 9		8,697		217
Area 12		0		408
Area 10		13,064		119
Area 11		10,564		0
Area 13		897		0
Freshwater Sport		9,960		2,488
Pre-terminal net: -----				
6/7/7A NTrty		194		1,227
6/7/7A Trty		138		1,363
4B/5/6C NTrty		0		0
4B/5/6C Trty		381		79
		--		--
		--		--
Terminal net: -----				
Skagit Bay (8) NTrty		0		0
Skagit Bay (8) Trty		1		7
Area 8A Ntrty		0		0
Area 8A Trty		1,033		28
Hood Canal NTrty		230		15
Hood Canal Trty		637		33
South Pgt Snd NTrty		1,616		14
South Pgt Snd Trty		36,427		52
B'ham Bay(7B) Ntrty		27		2,415
B'ham Bay(7B) Trty		188		17,102
Local Extreme Terminal Net: -----				
Nontreaty		n/a		n/a
Treaty		29,311		21,397
Test				n/a

TABLE 2C: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS

Estimated fishery impacts from regulations described by the following FRAM run:

FRAM Run Number:

bc-Coho2126b_STTNOF

04/12/21

Run Description:

PFMC 2 Alt 1b - April 12

10:50 PM

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mort. Trty/NonTrty splits are NOT based on CWT recovery data.

FISHERY	QUIL FALL	HOH	QUIL FALL H&W		QUIL FAI	QUEETS	QUEETS			GRAYS HARBOR		
	Wild	Wild	Marked	UnMarked	Total	Wild	Hatchery	Marked	UnMarked	Wild	Marked	UnMarked
Projected Ocean Escapement	7,206	2,535	11,791	9,287	21,078	3,358	9,048	7,729	4,677	42,493	27,636	43,651
Spawning Escapement Objective	6,300	2,000				5,800				35,400		
Projected Marine Exploitation Rate	4.5%	16.2%				13.2%				5.2%		
Projected Exploitation Rate (all fisheries)	14.9%	29.1%				21.8%				31.6%		
Exploitation in Southern U.S. Marine Fisheries	3.5%	8.0%				7.2%				3.0%		

CANADIAN	63	234	220	79	299	227	957	868	318	795	828	816
ALASKA	6	12	9	7	16	7	21	18	9	195	128	201
S. of Falcon Troll	10	7	32	13	45	11	58	54	14	32	47	33
S. of Falcon Sport	18	18	149	24	173	40	419	402	57	225	476	232

NORTH OF CAPE FALCON OCEAN:												
Treaty Troll	180	165	300	231	531	143	407	350	200	743	486	763
NT Troll N. Leadbtrr	15	10	58	21	79	17	91	84	25	43	71	45
NT Troll S. Leadbtrr	2	2	6	2	8	3	17	15	5	18	24	19
Coastal terminal area "dip-ins"	22	11	39	29	68	76	298	254	120	130	83	135
Sport: Area 1	6	3	48	8	56	10	126	122	14	46	146	47
Buoy 10	1	1	12	2	14	1	16	15	2	19	60	20
Area 2	10	11	80	13	93	21	256	247	30	121	376	125
Area 3	1	3	11	2	13	4	44	43	5	7	22	7
Area 4 *	5	5	43	7	50	7	86	83	10	18	56	18

PUGET SOUND CATCHES:												
Treaty Troll	0	0	0	0	0	0	0	0	0	1	1	1
Sport: Areas 5	7	6	84	9	93	5	90	88	7	24	114	25
Area 6	0	1	3	0	3	0	3	2	0	0	2	0
Areas 7-13	4	2	40	5	45	1	3	2	2	0	0	0
Nontreaty Net	0	0	0	0	0	2	6	6	3	3	2	3
Treaty Net	8	9	14	11	25	13	37	30	18	30	20	31

LOCAL TERMINAL												
Nontreaty Net	--	--	--	--	--	--	--	--	--	871	----->>	----->>
Treaty Net	761	350	----->>	----->>	1586	250	3918	----->>	----->>	7316	----->>	----->>
Sport	8	33	----->>	----->>	150	22	727	----->>	----->>	3548	----->>	----->>

* Model-predicted Escapement for Washington Coastal stock aggregates represents run returning to their terminal area or "Ocean Escapement".

Footnotes:

¹ From TAMM Tables 2.

² Puget Sound Stocks' values are Spawner Escapement ; Coastal stocks' values are "escapement from pre-terminal fisheries" equivalent to "Runsize Entering Terminal Area".

³ TOTAL ABUNDANCE is 'Fishery-related Mortality Plus Escapement', does not include 'natural mortality' nor 'dip-in mortality' of non-local stocks in coastal terminal fisheries.

⁴ For coastal stocks the presented ER is for pre-terminal fisheries only. See Table 2 for Total ER for coastal stocks.

⁵ Sum of exploitation rates for Southern U.S. only: SoF, Ocean areas 1-4, Col. R., Puget Sound; however does not include WA coastal terminal area impacts.

		Skagit	Stilly	Snohom	HdCnl	JDF Tribs	S. Sound Hat.	Nook/Sam Hat.	Quillayute	Hoh	Queets	Grys Hbr
SUS ER	NT	13.23%	6.58%	3.93%	15.73%	1.95%	26.04%	15.31%				
	T	19.85%	21.88%	21.65%	22.40%	4.18%	33.56%	45.00%				
SUS TOTAL		33.1%	28.5%	25.6%	38.1%	6.1%	59.6%	60.3%				
Ocean SUS ER	NT	0.50%	0.38%	0.38%	0.65%	0.58%	1.39%	1.75%	0.90%	1.98%	2.95%	1.18%
	T	2.21%	1.52%	1.52%	2.41%	1.90%	2.09%	2.11%	2.39%	5.46%	3.69%	1.66%
Ocean SUS TOTAL		2.7%	1.9%	1.9%	3.1%	2.5%	3.5%	3.9%	3.3%	7.4%	6.6%	2.8%

Manage as Total SUS

Coastal Stock Exploitation Rates - Including Dip-In Mortality.

		Quillayute	Hoh	Queets	Grys Hbr
Ocean SUS ER	NT	0.90%	1.98%	2.89%	1.18%
	T	2.38%	5.44%	3.62%	1.65%
Dipln ER	NT plus T	0.29%	0.36%	1.93%	0.29%
Ocean SUS TOTAL (wDipln)		3.6%	7.8%	8.4%	3.1%

TABLE T: THOMPSON AND UPPER FRASER COHO FISHERY IMPACT SUMMARY

Estimated fishery impacts from regulations described by the following FRAM run:

FRAM Run Number: bc-Coho2126b_STTNOF

Run Description: PFMC 2 Alt 1b - April 12

Impacts are expressed as total fishery-related mortality, incl. landed catch, non-retention mort., and other fishery-related mortality.

FISHERY	Interior Fraser Wild		
Projected Escapement	38,149		
Projected Pre-Terminal Exploitation Rate	13.5%		
Exploitation in U.S. Fisheries	6.5%		US - Ocean ER 3.0%
	Mortality	Expl. Rate	
CANADIAN (marine)	2730	6.19%	
CANADIAN (freshwater)	264	0.60%	
ALASKA	96	0.22%	
SOUTH OF FALCON & COL R	54	0.12%	
NORTH OF CAPE FALCON OCEAN:			
Treaty Troll Area 2	4	0.01%	
Treaty Troll Area 3	151	0.34%	
Treaty Troll Area 4	918	2.08%	
NT Troll Area 1	2	0.00%	
NT Troll Area 2	11	0.02%	
NT Troll Area 3	13	0.03%	
NT Troll Area 4	8	0.02%	
NT Sport Buoy 10 & Area 1	13	0.03%	
NT Sport Area 2	31	0.07%	
NT Sport Area 3	9	0.02%	
NT Sport Area 4*	90	0.20%	
PUGET SOUND:			
JDF Troll and Net	36	0.08%	
SJI 6/7/7A NT Net	298	0.68%	
SJI 6/7/7A T Net	140	0.32%	
Sport: Area 5	229	0.52%	
Area 6	44	0.10%	
Area 7	221	0.50%	
Area 8-13	51	0.12%	
Puget Sound Terminal net	542	1.23%	
WA Extreme Terminal Net & FW Sport	4	0.01%	
Total:	5959	13.51%	

* Area 4 Sport numbers include 4B add-on, if any, and a number of fish caught on Canadian licenses in areas 4 and 4B.