
Columbia River Commercial Advisor Group Meeting

March 13, 2025

10:00a-11:30a

Virtual (Teams meeting)

Prepared by: Columbia River Joint Staff

Columbia River Commercial Advisor Group Meeting

Link: [Join the meeting now](#)

Meeting ID: 212 682 700 09 Passcode: 38iJ27ic

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10:00a – 11:30a March 13, 2025

Agenda	
<ul style="list-style-type: none">● Welcome and Introductions<ul style="list-style-type: none">○ Ground rules○ Introduction○ Agenda review	(5 minutes)
<ul style="list-style-type: none">● North of Falcon Planning<ul style="list-style-type: none">○ Consideration for 2025 Fisheries○ 2024 Fishery Review	(60 minutes)
<ul style="list-style-type: none">● Addition Discussion (as time permits)<ul style="list-style-type: none">○ Coho tangle net	(20 minutes)
<ul style="list-style-type: none">● Future Meetings<ul style="list-style-type: none">○ North of Falcon, April 3, Ridgefield/virtual, 10am○ WA Ocean hearing, March 24, Westport, 7pm○ OR Ocean hearing, March 25, virtual, 7pm○ Pacific Fishery Management Council, April 9-15, San Jose, CA○ Alternative Gear Work Group, May 9, 10a	(5 minutes)

Ground rules

- For virtual meetings
 - *6 to mute/unmute
 - Chat will not be monitored or used except for technical assistance
- Focus on the task at hand – *stick to the agenda*
- One person at a time to speak – *state your name to be added to the speaking list*
 - Non-advisers will observe meeting and stay on mute – *comments may be permitted at the end of the meeting if time permits*
- Be respectful of others
 - Mute phone or line
 - Be tough on issues and questions, not on people or organizations
 - No personal attacks, insults or threats
 - Listen
 - Speak and act professional – *no offensive, disrespectful, or derogatory language, including profanity*
 - Allow for a balance of speaking time – *limit length and number of times to speak on each topic*
- Be a conduit – *share information*

Columbia River Commercial Advisory Group (2024–2026)

<u>Name</u>	<u>City</u>	<u>State</u>
Les Clark	Chinook	WA
Jim Coleman	St. Helens	OR
Darren Crookshanks	Longview	WA
Bryce Devine	Longview	WA
Steve Fick	Astoria	OR
Tim Heuker	Cascade Locks	OR
Bill Hunsinger	Astoria	OR
Otis Hunsinger	Astoria	OR
Greg Johnson	Vancouver	WA
Brian Love	Brush Prairie	WA
Kent Martin	Skamokawa	WA
Greg Matthews	Astoria	OR
Aaron Miller	Naselle	WA
Nathan Rogol	Astoria	OR
Robert Sudar	Longview	WA
Derek Wall	Astoria	OR
Jim Wells	Astoria	OR
Ken Wirkkala	Ilwaco	WA

North of Falcon Planning

Preliminary fall Chinook returns and forecasts

- River mouth abundance forecasts are finalized at the conclusion of April PFMC.

Stock Group	2024		2025
	February Forecasts	Actual Returns	February Forecasts
Lower River Hatchery - LRH	85,500	114,431	121,500
Lower River Wild - LRW	10,500	15,105	14,200
Lower River Bright - LRB	2,400	8,708	4,300
Bonneville Pool Hatchery - BPH	129,800	129,006	184,700
Upriver Bright - URB	258,300	318,089	313,400
<i>Snake River Wild (SRW)¹</i>	<i>9,300</i>	<i>12,657</i>	<i>9,000</i>
Pool Upriver Bright - PUB	61,000	78,868	79,000
Select Area Bright - SAB	300	5,298	900
Columbia River Total	547,800	669,505	718,000

¹Subset of URB

Coho return and forecast – pre-harvest ocean abundance

- 2024 forecast and post-season estimate and 2025 forecast of ocean abundance of OPI-H and OCN coho prior to harvest (thousands of fish). The 2025 forecast was derived from the Council-approved modified ARIMA MAPE-weighted ensemble forecast methodology.

	2024			2025
	Pre	Post	Pre/Post	Forecast
Columbia River Early	227.5	496.8	46%	338.1
Columbia River Late	173.6	240.2	72%	141.6
<i>Columbia River Subtotal</i>	<i>401.1</i>	<i>737</i>	<i>54%</i>	<i>479.7</i>
Coast Subtotal	2	5.3	38%	13.9
Total (OPI-H)	403.1	742.3	54%	493.6
OCN Rivers	217.7	190.8	114%	277.7
OCN Lakes	15.5	9.6	160%	11.3
OCN Total	233.2	200.4	116%	289
Grand Total	636.3	942.7	67%	782.6

Fishery Guidance and Conservation Objectives

Columbia River fisheries were managed to meet the following guidelines and objectives:

Federal/State Endangered Species Acts

- Sockeye, steelhead, Chinook, Coho, Chum
- NOAA Guidance Letter – See “Salmon Guidance Letter to PFMC” for additional information.

U.S. vs. OR Management Agreement (MA)

- 2018-2027 MA in effect

OFWC/WFWC Guidance

- Summer Chinook
 - Guidance specific to allocation of harvestable surplus to in-river non-treaty fisheries downstream of Priest Rapids Dam (<PRD) is not concurrent. Oregon rule allocates sharing as 80% recreational and 20% commercial. Washington policy sharing is 80% recreational and 20% commercial with abundances below 50,001 fish, 70% recreational and 30% commercial from 50,001-100,000 fish, and 60% recreational and 40% commercial above 100,000 fish.
 - Policy guidance regarding allowable summer-season mainstem commercial gears is not concurrent. Oregon rules do not allow use of gillnets, while Washington policy does.
- Sockeye: Policy guidance regarding allocation of sockeye ESA impacts is not concurrent. Oregon rule allocates non-treaty sharing as 80% recreational and 20% commercial. Washington Policy sharing is 70% recreational and 30% commercial.
- Fall Chinook
 - Policy guidance on fall Chinook is concurrent. No more than 70% of allowable ESA impacts on the most constraining fall Chinook stock may be allocated to recreational fisheries, and no less than 30% to commercial.
 - Oregon rule allows for gillnets to be used in the mainstem in Zones 4-5 only. Washington policy allows for gillnets to be used in Zones 1-5.
 - Oregon rule limits ESA impacts for use in alternative gear commercial fisheries to two percentage points of the non-treaty allocation and is considered part of commercial share.
 - Policy guidance for recreational fishery Chinook retention season objectives is not concurrent. The Oregon rule provides guidance while the Washington policy does not provide guidance.
 - Oregon rule provides fall Chinook recreational fishery season objectives for fisheries downstream of Bonneville Dam; if season objectives are predicted to be met, additional opportunity for mainstem commercial fisheries shall be provided.
- Coho
 - LCN Coho ESA impacts are prioritized to Select Area commercial fisheries, mainstem commercial Chinook fisheries, and commercial hatchery Coho fisheries (OR), followed by recreational fisheries, and then Coho-directed mainstem commercial fisheries (OR & WA).
 - Policy guidance regarding allowable commercial gears is not concurrent. Oregon rules do not allow use of gillnets in Zones 1-3 while Washington policy does.
- Commercial Alternative Gear Fisheries
 - The states created a limited alternative-gear fishery (up to 3 pound-nets and 3 seines) in 2024 as part of a multi-year evaluation conducted through WDFW’s Emerging Commercial Fishery (ECF) process. OR/WA set aside 2% ESA impacts of the non-treaty share for the most constraining stock for use in these fisheries; these impacts are considered part of the commercial share where numerical commercial allocation exists.

WDFW/Colville Tribe Upper Columbia Management Agreement

- Upper Columbia summer Chinook
- Sockeye

2024 Fisheries Review

Fall Chinook

- 2024 Pre-Season Fishing Plan
 - The August (Early Fall) Chinook-target fishery was modeled to begin the week of August 4 and expected to continue into the week of August 25, with fishing periods occurring 1-3 nights per week. The fishery structure was expected to include eight 9-hour periods in Zones 4-5 with a 9-inch minimum mesh size. The landings expectation included 29,320 adult Chinook.
 - The Late Fall (mid/late September through October) Chinook-target fishery would begin the week of September 15, dependent on the remaining commercial share, updated URB run size, and ESA-impact limits. Fishery structure was expected to include 10-hour periods in Zones 4-5 with an 8-inch minimum mesh restriction. A total of 1,590 adult Chinook and 3,800 Coho were set aside for this fishery in pre-season modeling.
- 2024 Preliminary results
 - The actual Early Fall season was prosecuted as planned preseason. Landings included 28,002 Chinook and 2,045 coho in nine periods. Twenty-one additional Chinook-directed fishing periods (September 12 – November 1) occurred in the Late Fall season due to available URBs and LRH; landings included 17,235 Chinook and 1,742 coho.
 - Deliveries per period for the fall Chinook-directed fisheries averaged 46 in the Early Fall and 11 during the Late Fall Zone 4-5 fisheries. Ex-vessel value averaged \$2.21/lb for Chinook and \$1.57/lb for Coho during the Zone 4-5 fisheries.

2024 Zone 4/5 Results						
Week #	First Date	Landed Chinook	Deliveries	#Periods	LRH ER	URB HR
32	7-Aug	281	17	1	0.00%	0.07%
33	12-Aug	2,148	68	2	0.00%	0.28%
34	18-Aug	11,469	162	3	0.64%	0.72%
35	25-Aug	14,104	168	3	0.41%	0.90%
<i>August subtotal</i>		<i>28,002</i>	<i>415</i>	<i>9</i>	<i>1.05%</i>	<i>1.97%</i>
37	12-Sep	3,537	43	1	0.13%	0.38%
38	17-Sep	2,887	53	2	1.19%	0.19%
39	22-Sep	3,994	51	3	0.00%	0.91%
40	29-Sep	3,317	40	3	0.00%	0.67%
41	6-Oct	1,098	15	3	0.00%	0.10%
42	13-Oct	945	12	3	0.00%	0.04%
43	20-Oct	890	9	3	0.00%	0.01%
44	27-Oct	577	4	3	0.00%	0.05%
<i>Late-Fall subtotal</i>		<i>17,245</i>	<i>227</i>	<i>21</i>	<i>1.33%</i>	<i>2.34%</i>
Total		45,247	642	30	2.38%	4.31%

Coho

- 2024 Pre-Season Fishing Plan
 - Commercial fishing periods targeting hatchery coho using 3.75-inch multifilament tangle nets were expected to begin as early as the week of September 15 and continue through October 31 with up to five fishing periods per week (Mon–Fri) in Zones 1-3, except closing at 6pm on Fridays. Up to 4,700 hatchery coho and 2,000 adult Chinook were set aside for this fishery in pre-season modeling.
- 2024 Preliminary results
 - The coho-directed fishery using tangle net gear consisted of 33 fishing periods during September 16 – October 31 with an estimated 5,099 adult hatchery coho and 1,344 Chinook landed.
 - Ex-vessel value averaged \$3.25/lb for Chinook and \$1.52/lb for coho in this fishery.
 - Additionally, an estimated 1,587 Chinook, 2,559 unmarked adult coho, and 171 steelhead were released.

2024 Zone 1-3 Tangle Net Results				
Week #	First Date	Landed	Deliveries	#Periods
		Coho		
38	16-Sep	1,946	64	4
39	23-Sep	2,128	66	5
40	30-Sep	805	32	5
41	7-Oct	99	4	5
42	14-Oct	0	0	5
43	21-Oct	105	3	5
44	28-Oct	16	2	4
Total		5,099	171	33

Commercial Alternative Gear Fisheries

- 2024 Pre-Season Fishing Plan
 - A limited entry alternative-gear commercial fishery targeting hatchery Chinook and hatchery Coho with live-capture regulations in Zones 1-3 was expected to begin no earlier than August 8 and planned to continue through mid-October. Participants for the fishery were selected by lottery; expected gears include up to three pound nets and three seines (one beach and two purse). Up to 2,600 hatchery coho and 3,500 hatchery adult Chinook were set aside for this fishery.
- 2024 Preliminary results
 - Only three selected fishers were able to participate and all used seines (beach or purse) following live-capture regulations. The Individual Fishery Quotas (IFQ) would control the harvest in the fishery and was set at 630 adult kept Chinook, 2,250 adult kept coho, and 250 released steelhead.
 - The actual ECF was open in Zones 1-3 on weekdays (excluding September 2) from August 8 through October 31. Fishers kept 88 marked Chinook and 11 marked coho with 39 unmarked Chinook, 11 unmarked coho, 16 steelhead, and one sturgeon released.
 - Ex-vessel value averaged \$3.25/lb for Chinook and \$1.52/lb for Coho in this fishery.

Considerations for 2025 fisheries

- Upper Columbia Summer Chinook (forecast: 38,000 fish)
 - Mainstem summer Chinook retention fisheries are not expected to occur <PRD.
 - Commission allocations <PRD are concurrent with 80% recreational and 20% commercial.
 - Oregon rule does not allow for the use of gillnets in summer-mainstem Chinook commercial fisheries.
- Sockeye (forecast: 350,200 fish)
 - 1.0% Snake River allowable ESA-impact rate for non-treaty fisheries.
 - Non-concurrent Commission allocations are 70% recreational, 20% commercial, and 10% unallocated.
 - Commercial fisheries targeting sockeye are not allowed in rule/policy. The commercial allocation of sockeye is available for use in Chinook-directed fisheries.
- Upriver Summer Steelhead (forecast: 73,900 fish)
 - Preseason forecasts indicate the 2025 return will again be low this year.
 - Continued use of minimum mesh size restrictions in Zone 4-5 fisheries to minimize handle of steelhead.
- Fall Chinook (preliminary forecast: 718,000 adult fish)
 - 2025 constraints are expected to be similar to what occurred in 2024 given allowable ESA-impact rates and abundances for 2025 are similar as what occurred in 2024.
 - Fall Chinook allocation is concurrent: no less than 30% of the most constraining stock to the commercial fishery.
 - Due to non-concurrence, large-mesh gillnets will be allowed in Zones 4-5 only.
 - URB/SRW (preliminary forecast: 313,400 adult URBs)
 - Preseason URB and SRW forecasts are over the thresholds to allow for a 15.0% URB/SRW harvest rate (HR; thresholds: 200,000 URB and 8,000 SRW).
 - LRH (preliminary forecast: 121,500 adult fish)
 - NMFS recently revised the abundance tier values in the harvest rate matrix (see below) to account for anticipated lower tule Chinook salmon abundance beginning in 2024 as a result of reductions in Mitchell Act production of tule Chinook.

LRH Abundance	Exploitation Rate
0 - 24,000	0.30
24,000 - 31,000	0.35
31,000 - 67,000	0.38
>67,000	0.41

- The preseason LRH forecasted abundance allows for a total exploitation rate (ER) of 41% which is shared between in-river and ocean fisheries.
- Columbia River Coho (ocean abundance forecast: 479,700 fish)
 - Lower River Natural Coho ESA impacts will be limited to 23.0% ER which is shared between in-river and ocean fisheries.
 - Due to non-concurrence, no mainstem gillnet fishery in Zones 1-3 is expected to occur. However, a Coho-directed fishery using tangle net gear and additional live-capture techniques is expected to occur.
- Chum
 - Commercial harvest is not allowed. The ESA-impact limit is 5.0% HR for combined Columbia River non-treaty fisheries.

- Commercial Alternative Gear Fisheries
 - The states expect that limited alternative gear fisheries (up to three pound-nets and three seines) will occur in 2025 as part of a multi-year evaluation conducted through WDFW's ECF process. OR/WA will set aside 2% ESA impacts of the non-treaty share for the most constraining stocks for use in these fisheries.
- March Pacific Fishery Management Council
 - Salmon Technical Team report of ocean alternatives: <https://www.pcouncil.org/briefing-book/march-2025-briefing-book/>

Pre-season/Postseason model summaries

2024 Upper Columbia Summer Chinook Allocations <i>(All data preliminary and includes kept + release mortalities)</i>				
	Pre		Post	
Runsize	52,632		42,511	
Harvest allocated	Allowed		Actual	Actual/
Fishery	Pre	Post	Take	Allowed
PFMC Ocean Fisheries	5,130	3,808	3,808	100%
Below Priest Rapids Dam (PRD)	<i>15.3%</i>	<i>10.0%</i>	<i>17.6%</i>	
Commercial below BON	253	97	0	0%
Recreational Below Bonneville	752	330	899	273%
Recreational BON to PRD	133	58	122	210%
Below PRD Total	1,137	485	1,021	210%
Above Priest Rapids Dam (PRD)	<i>84.7%</i>	<i>90.0%</i>	<i>82.4%</i>	
Wanapum Tribal	88	71	25	35%
Colville Tribal	3,508	3,056	1,338	44%
Recreational above PRD	3,421	1,239	3,406	275%
Above PRD Total	7,017	4,366	4,769	109%
Non-Treaty Total	13,284	8,660	9,598	110.8%

Columbia River Fall Chinook Fishery Model Summary

Ocean Option: Chin2724
 Columbia River Model Option: Model MR2024-Final Preseason 5-23-24

MR2024-Final Preseason 5-23-24

Management Guidelines	Goal/Guideline	SRW	Total URB
Harvest Rate	45.00%	43.8%	45.0%
Non-Treaty	15.00%	13.0%	15.0%
Treaty	30.0%	30.8%	30.0%
% of Harvestable Surplus		Total	
Non-Treaty	50%	34%	
Treaty	50%	42%	
McNary Escapement	60,000	121,600	
LRH Ocean/Inriver Exp. Rate	41%	40.2%	
Non-Treaty Wild B Index Steelhead	2%	0.8%	
Treaty Total B Index Steelhead	15%	15%	
Upriver Coho to Bonneville Dam	50%	58%	
Lower Columbia Chum	5%	1.1%	

Non-Treaty Catch Sharing					
SRW - IMPACTS			Brights - Mainstem		
	Impact	Percent		Mortalities	Percent
Sport	8.8%	68%	Sport	39,100	73%
Comm	4.2%	32%	Comm	14,500	27%
Total	13.0%				
LRH - Impacts			Chinook - Mainstem		
	Impact	Percent		Mortalities	Percent
Sport	7.4%	70%	Sport	70,500	66%
Comm	3.2%	30%	Comm	36,900	34%
Total	10.5%				

		Total	LRH	LRW	BPH	URB	LRB	PUB	SAB	SRW	LRH ER	SRW HR		
Ocean Harvest		84,820	17,570	3,630	28,700	28,050	260	6,600						
Columbia River Run		551,780	85,480	10,530	129,360	261,780	2,430	61,900	300	9,300	10.55%	12.98%		
Harvest Below Bonneville		2024 Fishery Description												
Zone 4-5 Wk 32. Aug 4-10		1	380	30	0	120	220	0	20	0	10	0.02%	0.08%	
Zone 4-5 Wk 33. Aug 11-17		2	1,060	150	0	370	510	0	30	0	20	0.12%	0.19%	
Zone 4-5 Wk 34. Aug 18-24		3	11,980	1,180	0	6,560	3,500	20	720	0	120	0.80%	1.34%	
Zone 4-5 Wk 35. Aug 25-31		3	15,900	1,390	0	9,280	3,690	70	1,470	0	130	1.00%	1.41%	
Zone 4-5 Wk 36. Sep 1-7		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	
Zone 4-5 Wk 37. Sep 8-14		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	
Zone 4-5 Wk 38. Sep 15-21		<1	Partial day placeholder	1,590	320	40	510	530	10	190	0	20	0.29%	0.20%
Zone 4-5 Wk 39. Sep 22-28		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	
Zone 4-5 Wk 40. Sep 29-Oct 5		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	
Zone 4-5 Wk 41-43; Oct 6-26		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	
Fall Tanglenet Wk 38-44			Coho target	2,000	430	50	10	1,410	0	90	0	50	0.35%	0.54%
Alternative Gear - Seine/Pound Net	MSF			4,010	1,030	10	1,100	760	10	1,100	0	15	0.20%	0.16%
Select Areas				5,010	3,400	0	690	710	0	110	110	30	0.40%	0.27%
Buoy 10 to WPI Kept + Morts	2 fish/1 CHF		Aug1-29 MSF; Aug 30-Sep3 nMSF; Sep4+ Coho only	39,570	17,050	100	7,110	9,850	50	2,650	300	190	4.20%	2.06%
WPI to Lewis	2 fish/1 CHF		Aug1-Sep4 nMSF; Sep 5-11 MSF; Oct1+ Coho only	12,290	2,080	120	210	6,800	70	2,450	0	210	1.23%	2.26%
Lewis to Bonn	2 fish/1 CHF		Aug1-Sep15 nMSF; Oct1+ Coho only	12,690	1,770	0	0	7,930	120	2,860	0	280	1.67%	3.03%
Tributary Sport	MSF		Average season	1,210	910	300	0	0	0	0	0	0	0.27%	0.00%
Lower River Total				107,680	29,040	620	25,130	35,530	360	11,410	410	1,070	10.5%	11.5%
Bonneville Dam Passage				369,520			94,020	226,240		49,250		8,230		
Harvest Above Bonneville														
Z6 - Bonn to Hwy 395	2 fish/1 CHF		Aug1-Sep15 nMSF; Oct1+ Coho Only	5,950			210	3,740		2,010		130		1.43%
Treaty Comm. and C&S			Average season	165,210			72,440	78,530		14,240		2,860		30.0%
Hanford Reach Sport			Average season	7,820				7,820				0		
McNary Dam Passage				121,630				121,630						
Lower Granite Dam Passage												5,623		
Escapement					55,750	9,900	21,380		2,070	33,000	(110)			
Hatchery					33,980		15,110			12,580	(90)			
Natural					21,780	9,900	6,260	121,630	2,070	20,420	(20)			
Hatchery Surplus					19,780		8,110			3,600	(1,290)			
Natural Surplus						3,018	4,960	61,630						

Columbia River Fall Chinook Fishery Model Summary

Ocean Option: Chin2724
 Columbia River Model Option: Model MR2024-PostSeason DRAFT 3-8-25

MR2024-PostSeason DRAFT 3-8-25

Management Guidelines	Goal/Guideline	SRW	Total URB
Harvest Rate	45.00%	34.1%	34.7%
Non-Treaty	15.00%	15.2%	15.8%
Treaty	30.0%	18.9%	18.9%
% of Harvestable Surplus		Total	
Non-Treaty	50%	29%	
Treaty	50%	21%	
McNary Escapement	60,000	165,300	
LRH Ocean/Inriver Exp. Rate	41%	30.8%	
Non-Treaty Wild B Index Steelhead	2%	0.6%	
Treaty Total B Index Steelhead	20%	9.6%	
Upriver Coho to Bonneville Dam	50%	78%	
Lower Columbia Chum	5%	0.1%	

Non-Treaty Catch Sharing					
SRW - IMPACTS			Brights - Mainstem		
	Impact	Percent		Mortalities	Percent
Sport	10.60%	70%	Sport	46,900	68%
Comm	4.63%	30%	Comm	22,100	32%
Total	15.23%				
LRH - Impacts			Chinook - Mainstem		
	Impact	Percent		Mortalities	Percent
Sport	3.83%	61%	Sport	74,600	61%
Comm	2.50%	39%	Comm	46,700	39%
Total	6.33%				

					Total	LRH	LRW	BPH	URB	LRB	PUB	SAB	SRW	LRH ER	SRW HR
Ocean Harvest					64,770	16,240	2,600	20,150	20,440	590	4,750				
Columbia River Run					669,510	114,430	15,110	129,010	318,090	8,710	78,870	5,300	12,660	6.33%	15.23%
Harvest Below Bonneville			2024 Fishery Description												
Zone 4-5 Wk 32. Aug 4-10		1 period (Wed)			280	30	0	0	220	0	10	0	10	0.00%	0.07%
Zone 4-5 Wk 33. Aug 11-17		2 periods (Mon,Wed)			2,150	280	0	850	880	0	20	0	40	0.00%	0.28%
Zone 4-5 Wk 34. Aug 18-24		3 periods (Sun, Tue, Thu)			11,470	2,100	0	5,260	2,300	150	970	0	90	0.64%	0.72%
Zone 4-5 Wk 35. Aug 25-31		3 periods (Sun, Tue, Thu)			14,100	1,870	0	7,990	2,860	20	180	0	110	0.41%	0.90%
Zone 4-5 Wk 36. Sep 1-7					0	0	0	0	0	0	0	0	0	0.00%	0.00%
Zone 4-5 Wk 37. Sep 8-14		1 period (Thu)			3,540	250	0	1,940	1,210	0	130	0	50	0.13%	0.38%
Zone 4-5 Wk 38. Sep 15-21		2 periods (Tue, Thu)			2,890	1,350	0	250	590	100	600	0	20	1.19%	0.19%
Zone 4-5 Wk 39. Sep 22-28		3 periods (Sun, Tue, Thu)			3,990	0	0	0	2,880	120	950	0	110	0.00%	0.91%
Zone 4-5 Wk 40-44. October		15 periods (Sun, Tue, Thu)			6,820	0	0	0	2,770	3940	0	0	110	0.00%	0.87%
Fall Tanglenet Wk 38-44		29 periods 4-5d/wk		Coho target	0	0	0	0	0	0	0	0	0	0.00%	0.00%
Alternative Gear - Seine/Pound Net	MSF				1,340	0	0	0	740	50	360	0	30	0.00%	0.23%
Select Areas full season				Full Season	100	0	0	50	0	0	0	0	0	0.00%	0.00%
Buoy 10 to WPI Kept + Morts	2 fish/1 CHF	3 fish/1 CHF;Sep12-Oct31	Aug1-29 MSF; Aug 30-Sep3, Sep12-Dec31 nMSF; Sep 4-11 Co only		11,560	5,370	0	1,010	290	0	50	2,690	10	0.12%	0.09%
WPI to Lewis	2 fish/1 CHF		Aug1-Sep4, Sep 20-Dec31 nMSF; Sep 5-11 MSF		25,860	7,200	0	3,350	5,520	30	1,290	870	160	1.79%	1.27%
Lewis to Bonn	2 fish/1 CHF		Aug1-Dec31 nMSF		14,190	1,610	0	1,930	8,760	130	1,720	0	330	0.95%	2.62%
Tributary Sport	MSF			Average season	18,370	980	0	0	14,270	310	2,770	0	570	0.86%	4.48%
Lower River Total					3,300	2,220	1,080	0	0	0	0	0	0	0.23%	0.00%
Lower River Total					120,820	23,250	1,080	22,610	43,280	4,850	9,040	3,560	1,650	6.33%	13.00%
Bonneville Dam Passage					450,870			105,660	274,800		69,320		11,010		
Harvest Above Bonneville															
Z6 - Bonn to Hwy 395	2 fish/1 CHF		Aug1-Dec31 nMSF		15,280			570	7,080		4,160		280		2.23%
Treaty Comm. and C&S				Average season	121,850			29,020	60,020		10,610		2,390		18.9%
Hanford Reach Sport				Average season	11,310			10,190					0		
McNary Dam Passage					167,090				165,340						
Lower Granite Dam Passage													6,755		
Escapement					90,880	14,020	51,950			3,860	30,010	1,740			
Hatchery					49,810		49,600				16,130	1,700			
Natural					41,070	14,020	2,350	165,340	3,860		13,870	40			
Hatchery Surplus					20,190		42,600				7,150	500			
Natural Surplus						7,209	1,050	105,340							

2024 Pre-season Coho catch and impact summary

FRAM Run: bc-Coho2420_SOF2

Catch Summary						
Fishery	Total Mortality	Unmarked morts (kept + rel. mort)			Marked Kept Catch	
		Early	Late	Total	Early	Late
Tangle Net	11,713	1,341	880	2,220	3,320	6,173
Zone 4/5 Gillnet	4,350	1,878	518	2,395	1,097	857
Alternative Gear	9,763	2,217	796	3,013	4,050	2,700
Youngs Bay	15,190	627	-	627	14,563	-
Blind/Knappa	6,932	592	-	592	6,340	-
Tongue Point	3,653	251	-	251	3,402	-
Deep River	5,124	-	210	210	-	4,915
Buoy 10	29,107	5,315	616	5,931	18,265	4,911
Lower Columbia River	2,978	Unmarked	272	272	Marked	836
Ocean	127,733	18,095	8,106	26,201	45,287	56,245
Sum	216,544	30,316	11,397	41,713	96,324	76,637

Exploitation Rates						
Fishery		Unmarked			Marked	
		Early	Late	Total	Early	Late
Mainstem		2.35%	3.07%	2.68%	4.07%	5.69%
Alternative Gear		1.75%	1.63%	1.70%	3.73%	2.18%
Select Areas		0.16%	0.05%	0.11%	22.37%	3.97%
B10 Sport		4.20%	1.26%	2.85%	16.81%	3.97%
LCR Sport		0.21%	0.45%	0.32%	0.77%	0.68%
Ocean		14.30%	16.61%	15.36%	41.68%	45.48%
Sum		22.98%	23.07%	23.0%	89.42%	61.98%

2024 Post-season Coho catch and impact summary

FRAM Run: bc-bk2024_OPITT

Catch Summary						
Fishery	Total Mortality	Unmarked morts (kept + rel. mort)			Marked Kept Catch	
		Early	Late	Total	Early	Late
Mainstem commercial	9,290	2,259	263	2,523	3,036	3,732
Youngs Bay	18,613	438	-	438	18,175	-
Blind/Knappa	8,630	512	-	512	8,118	-
Tongue Point	26,792	572	-	572	26,220	-
Deep River	6,824	-	189	189	-	6,635
LCR Sport Catch + TPI to	6,963	328	168	496	4,050	2,418
B10 Catch	41,322	6,018	351	6,369	29,578	5,375
Ocean Catch	133,736	19,630	4,971	24,601	52,545	56,590
Sum	252,170	29,758	5,943	35,701	141,720	74,749

Exploitation Rates						
Fishery		Unmarked			Marked	
		Early	Late	Total	Early	Late
Lower Mainstem		0.17%	0.34%	0.25%	0.73%	1.62%
Upper Mainstem		0.56%	0.29%	0.44%	0.49%	0.31%
Select Areas		0.09%	0.04%	0.07%	21.13%	3.44%
B10 Sport		2.43%	0.74%	1.66%	11.90%	2.79%
LCR Sport		0.13%	0.36%	0.23%	1.63%	1.25%
Ocean		7.90%	10.54%	9.11%	21.14%	29.32%
Sum		11.29%	12.32%	11.8%	57.03%	38.73%