



Fisheries and Oceans
Canada

Fraser Salmon Management Board 2026-27 IFMP Engagement

- Fraser Chinook
Summer 5₂
Management



Agreement Context

Creates, promotes and supports government-to-government, nation-to-nation structures for Collaborative Governance and Management and conservation of Fraser salmon (*FSCMA S2.1*)



CONSENSUS

Provides a framework for government-to-government **consensus** decisions and recommendations to the Parties via the FSMB – management board consisting of DFO and FSMC reps. See Annex slide for more detail.

PRIORITY BASED

Implementation of the agreement will be **incremental** and based on priorities identified in the FSMB's annual workplan.

TRANSFORMATIVE

Recognizes **transformative** change in Collaborative Governance is required to support reconciliation.

Objective Of Presentation

Begin the FSMB's 2026/27 IFMP process for consultation on and Fraser Chinook Summer 5₂ management

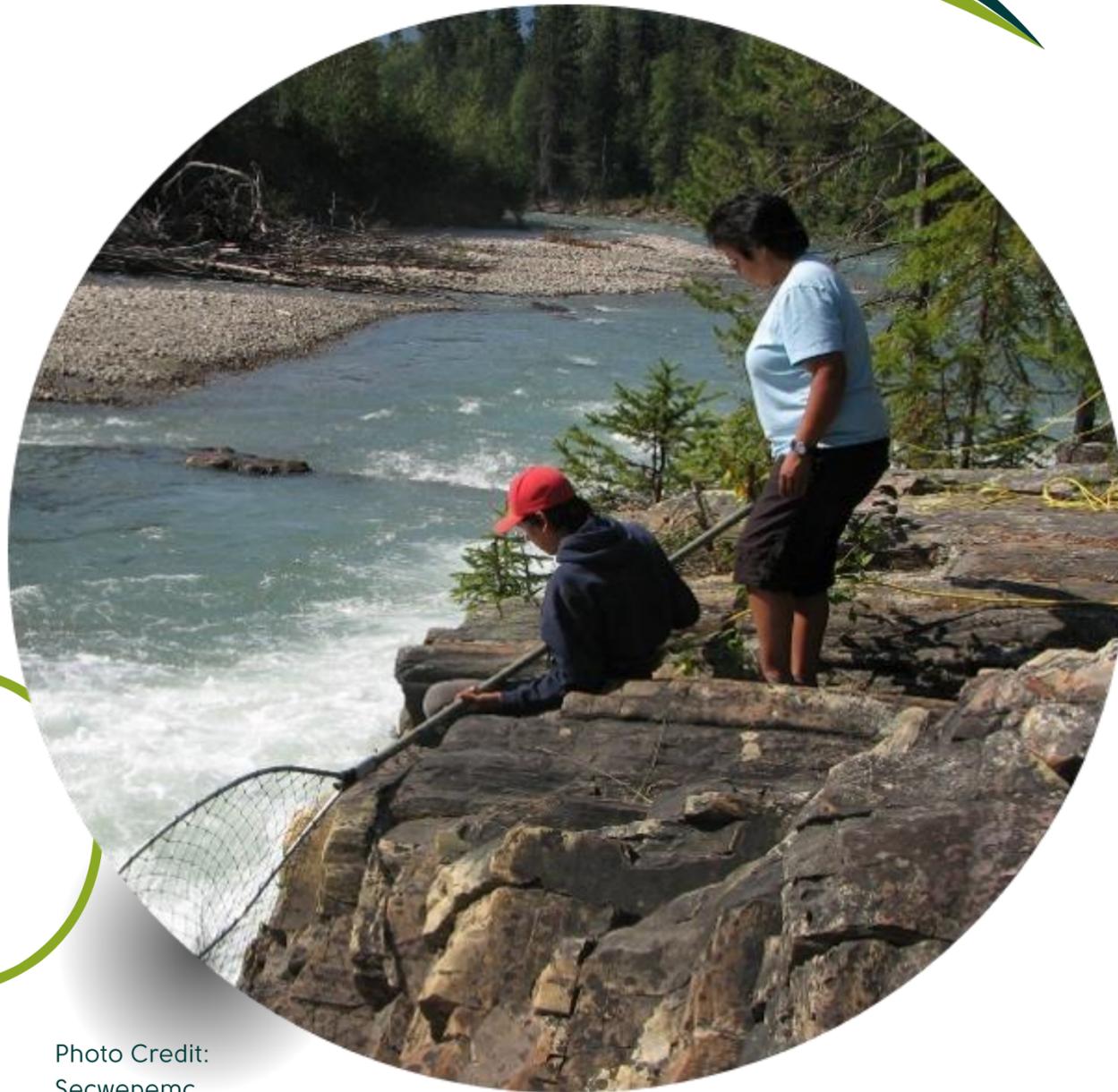


Photo Credit:
Secwepemc
Fisheries
Commission

- ✓ Fraser Chinook Summer 5₂ Management
 - 2026 Process, objectives and potential management scenarios
- ✓ Discussion & Questions



2025-26 Fraser Salmon Management Board/Joint Technical Committee Workplan



Photo Credit: Secwepemc Fisheries Commission

Summer 5₂
Chinook
Management

The Summer 5₂ Chinook management workplan item includes reviewing previous management, consultation on potential management approaches, and option development.



Fraser
Sockeye
Management

The Fraser Sockeye management workplan item includes providing escapement plan options, consultation, and identifying a recommended sockeye escapement plan.

The workplan includes other topics as well; details can be found in the reference slides.

Summer 5₂ Chinook Structured Decision- Making Process: Key Steps



Review
outcomes &
discuss
potential paths
forward

- FSMB review outcomes of management actions in recent years & other available technical information provided by JTC alongside FSMB objectives.
- FSMB engage First Nations & key stakeholder to identify management options for IFMP consultation.



Option
development &
feedback

- Potential options identified for engagement.
- Feedback received on options through consultations.



Evaluation of
Options

- FSMB evaluate feedback received alongside its stated objectives and available supporting information.



Identification
of Preferred
Option

- FSMB will attempt to reach consensus on a preferred option.

FSMB Objectives

Summer 5₂ Chinook Management

- **Conservation:** Continued precautionary fishery measures to provide a high degree of protection, maintain fishery mortalities in the range of 10% to 14% (FMI).
- **Aboriginal Priority:** Priority for First Nations rights-based and treaty domestic fisheries.
- **Other Fisheries:** Manage other fisheries targeting more abundant stocks to limit mortality of Summer 5₂ Chinook.

Summer 5₂ Chinook

Observations of outcomes

- FSMB reviewed outcomes of management measures against objectives in recent years to help inform development of management scenarios for 2026
- **Conservation:** Average fishery impacts over recent years have been within the Board's objective of keeping impacts within 10-14%. Aggregate continues to rebuild; 2024 return was lower as a result of very low brood year spawners in 2019.
- **Aboriginal Priority:** Average impacts for 2019-2024 indicate majority (54%) of impacts occurring in First Nations fisheries; but decreasing in 2023 (40%) and 2024 (32%).
 - First Nations harvests in the lower Fraser exceeded communal licence harvest target (2023 and 2024). First Nations in the mid and Upper Fraser are not meeting communal licence harvest targets
- **Other Fisheries:** Average recreational fishery impacts for 2019 -2024 indicate 43% share of FMI; but increasing in 2023 (55%) and 2024 (63%); average commercial fishery impacts for 2019-2024 indicate 4% share of FMI; similar to recent years

Summer 5₂ Chinook

Potential Scenarios

#	Scenarios for consideration	Approach to achieve objectives	Potential Total FMI
A	Management like 2023-2025	No substantial changes to management actions from 2023-2025.	13%
B	Maintain fishery mortality impacts at recent average. Provide additional First Nations FSC access and lower bycatch/incidental mortality in other fisheries	Increase First Nations fisheries and impacts on Summer 5 ₂ by approximately 30% in combination with a decrease in non-First Nation marine fisheries to better meet Aboriginal priority	13%
C	Maintain fishery mortality impacts at recent average, take management actions to provide more access to First Nations	Reduce allowable impacts on Summer 5 ₂ in Recreational (Marine) fisheries by 50%, increase allowable impacts in First Nations fisheries by 43% to better meet Aboriginal priority.	13%
D	Maintain fishery mortality impacts at recent average, take management actions to provide more access to First Nations, above what is identified in Scenario C	Reduce allowable impacts on Summer 5 ₂ in Recreational (Marine) fisheries by 80% and Commercial fisheries by 50%, increase allowable impacts in First Nations fisheries by 72% to better meet Aboriginal priority.	13%

Summer 5₂ Chinook

Potential Scenarios

- Fishery Mortality Index (FMI) data are illustrative of potential Summer 5₂ mortalities in each scenario and are uncertain; they are not projections of what will occur under each scenario but an illustration of what could occur to achieve objectives.
- Actual proposed management actions will be evaluated upon receiving feedback on the scenarios.
- Actual number of mortalities will depend on many factors, including the actual run size, run timing, distribution, fishing dates and duration, and effort.



Chinook Fishing Plan Considerations Discussion

Discussion & Questions



- ✓ Are there ways to increase FSC access for Fraser River First Nations in the spring and early summer period (currently very restrictive limited opportunities)?
- ✓ Are there opportunities to increase numbers of Chinook reaching upper Fraser First Nations in particular, that don't have access to other Fraser Chinook stocks?
- ✓ Are there opportunities to increase terminal FSC harvests in areas where local abundance of Chinook may exceed conservation/spawning requirements ?
- ✓ Are there ways to address requests from the Five Nations for adjustments to the rights-based sale fishery for Chinook on the West Coast of Vancouver Island (e.g. removal of 80cm maximum size limit in July)
- ✓ Are there additional indicators the Board should consider to analyze outcomes of objectives?
- ✓ What is your preferred scenario(s)? What are the rights-based based fishery implications of each scenario?

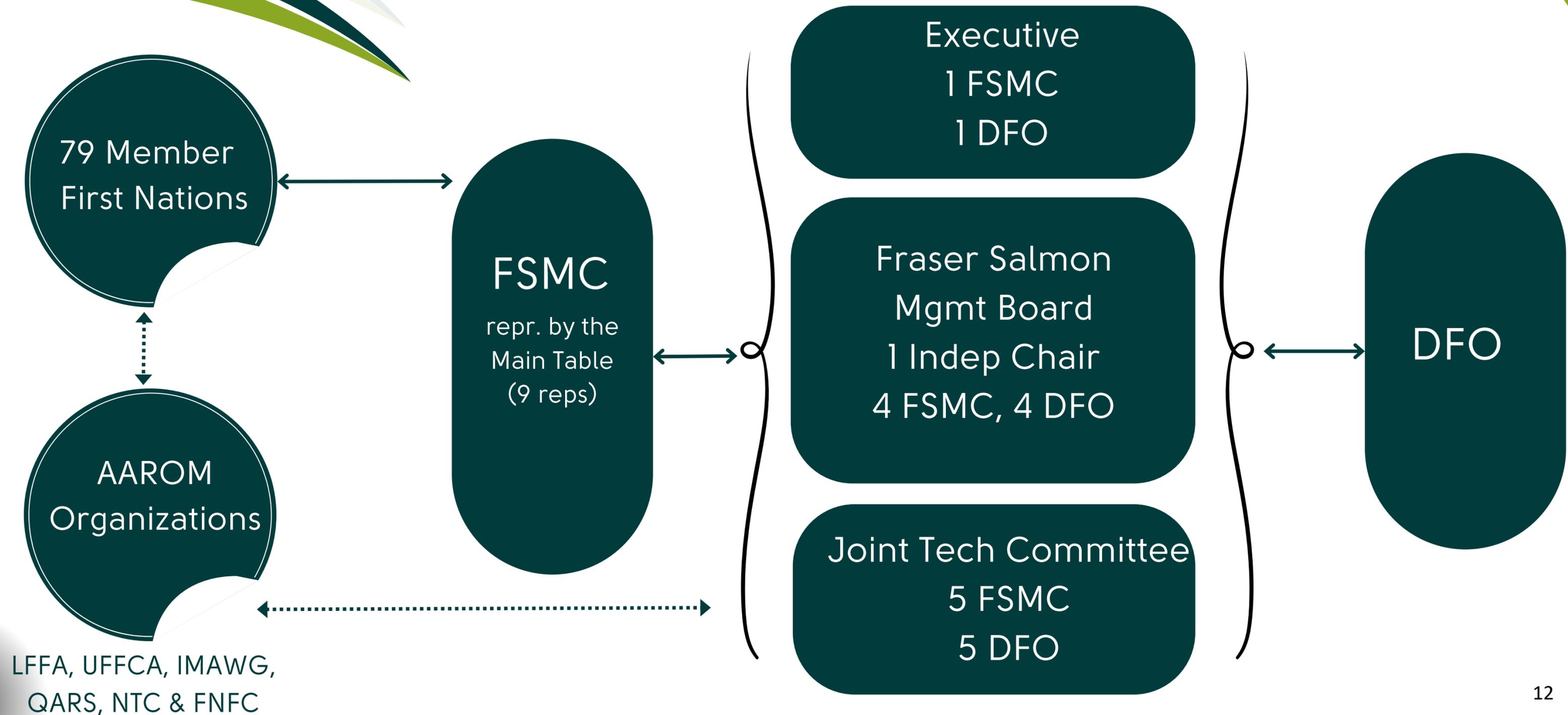




Fraser Salmon Management Board Reference Slides

Photo Credit: Spruce City
Wildlife Association

FSCMA Governance



2025-26 FSMB/JTC Workplan

#	Title	Goal
1	Chinook Management Approach	<i>Assess annual performance including review of relevant data and methods. Develop Chinook fisheries management measures that achieve identified conservation objectives and provide for priority access for food, social and ceremonial fisheries.</i>
2	Sockeye Management Approach	<i>Identify a recommended Sockeye escapement plan option(s), management approaches for stocks of concern, longer term escapement planning and support discussions of FSC sharing for First Nations on an annual basis.</i>
3	Interior Fraser Coho Management Approach	<i>Identify and recommend fishery management approaches for Interior Fraser Coho (IFC).</i>
4	General Fraser Salmon Management Approach	<i>Identify and recommend general fishery management approaches for topics related to all Fraser Salmon.</i>
5	Governance and Process Development	<i>Support implementation of recommendations arising from the 2022 joint governance sessions, developing and finalizing process documents, and Forum renewal</i>
6	FSC Access & Allocation	<i>Support discussions, develop understanding of and recommendations on FSC access and allocations. FSC sharing, Aboriginal Priority, and FSC allocations of Fraser salmon for First Nations to be discussed as part of the long-term work and annually.</i>

Fishery Mortality Index Summary

Available During 2025/26 IFMP

Engagement

Stock Management Unit	2014-2018 Avg. CDN Fishery Mortality	2019 CDN Fishery Mortality	2020 CDN Fishery Mortality	2021 CDN Fishery Mortality	2022 CDN Fishery Mortality	2023 CDN Fishery Mortality	2019-2023 CDN Fishery Mortality
Summer 5 ₂	25.0%	18.7%	13.0%	14.2%	10.9%	10.1%	12.7%

Note: these numbers have changed slightly since they were presented in early 2025. For example, the 2019-2023 average is now estimated to be 12.9%. When presented, they were labeled preliminary.

2025/26 Fraser Chinook Summer 5₂

Feedback Summary

- **First Nations**

- Shift FMI to rights-based fisheries; UNDRIP; cultural significance of FSC & respecting priority
- Concern for data reliability (e.g. underestimating release mortality rates)
- Scenarios 1 and 2 unacceptable; scenarios 3 and 4 moving in right direction; no increase to overall ER

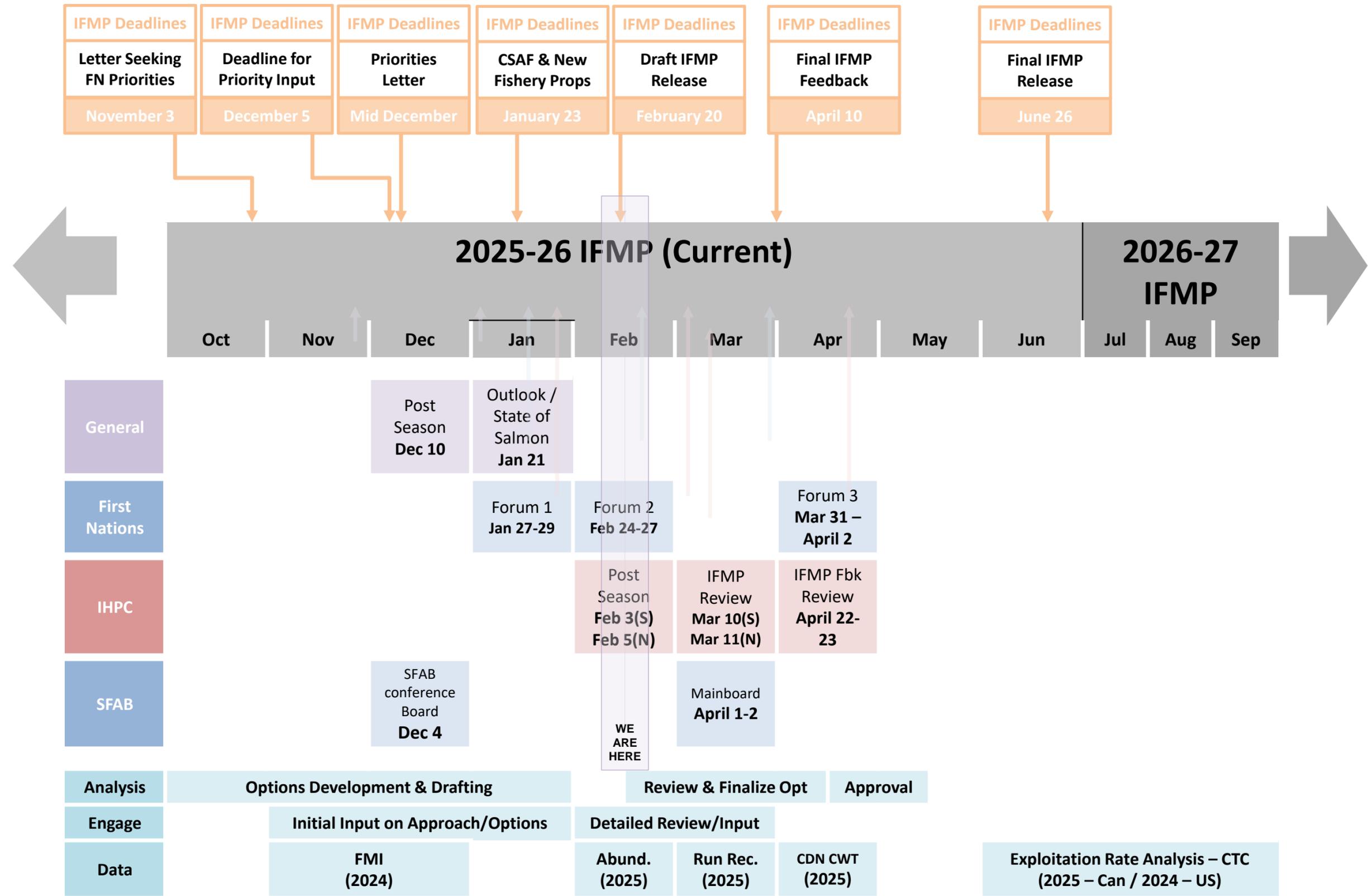
- **Recreational**

- Scenarios 1 and 2 preferred; all other scenarios would have severe economic impact; scenario 5 would result in uncaught hatchery production that is intended for harvest
- Motion to allow increase to FMI to no more than 15% & that any increase beyond 2019-2023 average FMI results from harvest opportunities, whether incidental or directed, be provided to First Nations towards achieving FSC objectives

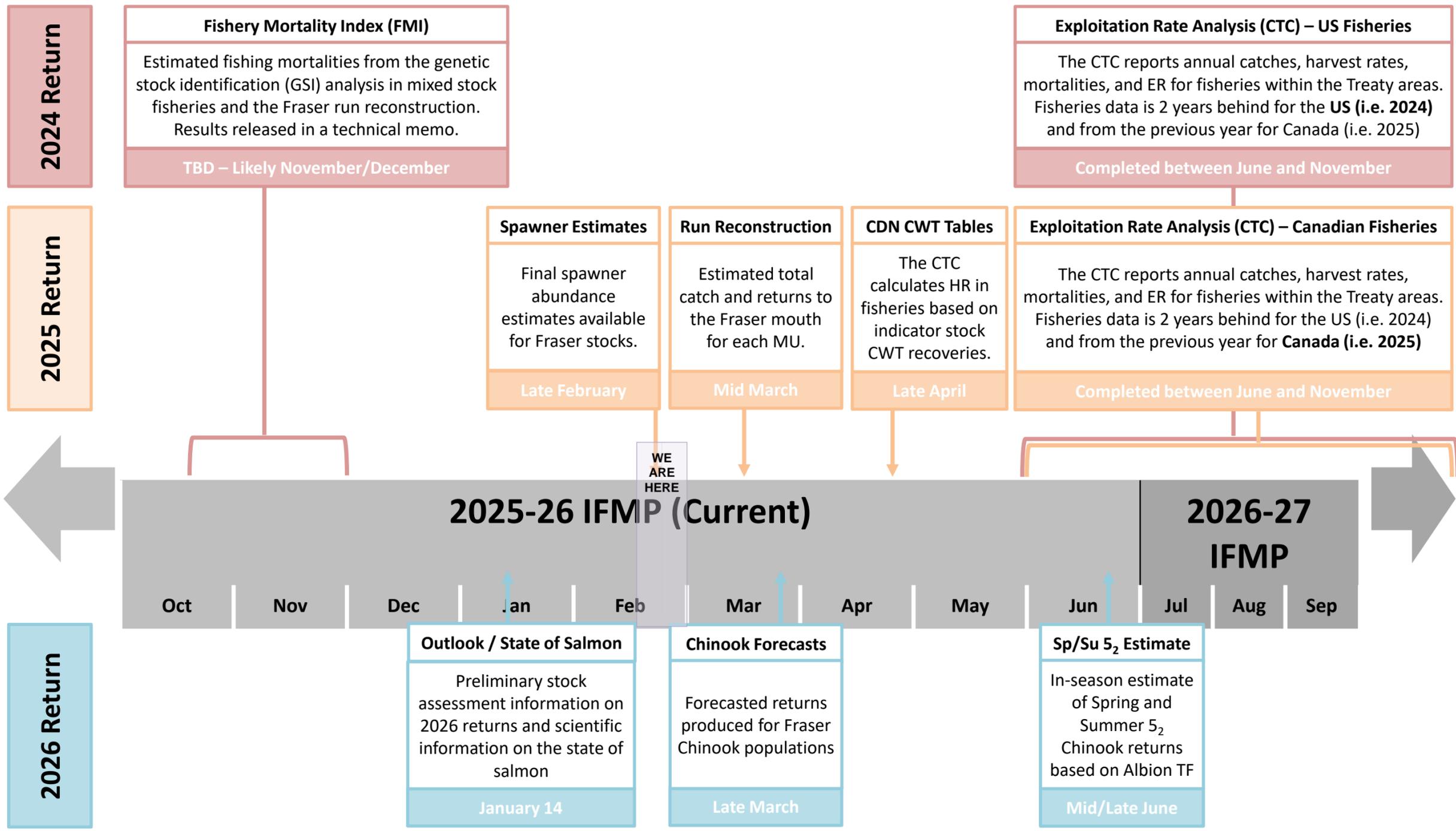
- **Commercial**

- Area F proposes start date move from the current Aug 20 timing to Aug 10, resulting in minimal to no impact on Chinook Summer 5₂
- Area G proposes moving start date from Aug 16 to Aug 1 with consideration for rolling opening. Shown to have no impact on Chinook Summer 5₂. Delays result in significant impact

Chinook Timelines – Decision Making



Chinook Timelines – Data & Analysis



Appendix D. Escapement estimates for Summer 5₂ Chinook from the Fraser River Run Reconstruction. Green columns indicate populations that are included in the Conservation Units/Designatable Units shown in Table 1. Values in the 2014-2018 row are the average escapement for those years. Escapement estimates for all Fraser Chinook Management Units are available in the Fraser River Run Reconstruction files.

Year	Stuart	Nechako	Stellako	Quesnel	Cariboo	Chilko	Elkin	Taseko	Portage	Seton	Mahood	Clearwater	Raft
	DU-10	DU-10	DU-10	DU-10	DU-9/10	DU-10	n/a	n/a	DU-8	DU-10	DU-17	DU-17	DU-17
2014-2018	2,548	3,759	6	1,555	251	6,890	385	711	45	17	34	2,116	99
2019	2,159	2,900	0	342	58	5,086	290	530	229	18	26	783	106
2020	2,595	1,800	0	289	245	6,322	485	1,376	42	29	17	3,532	122
2021	2,782	2,770	2	1,560	201	5,473	118	786	28	31	35	3,780	106
2022	4,617	4,063	2	1,637	745	13,695	402	882	70	0	18	5,580	146
2023	3,493	4,385	2	1,343	949	7,266	449	720	176	39	22	4,419	83
2024	2,119	2,982	3	598	399	4,794	217	445	91	24	0	2,526	149

Year	Barriere	North Thompson	Lemieux	Big Silver	Chilliwack Summer	Douglas	Kazchek	Kuzkwa	Pinchi	Sloquet	Tipella	Chehalis	Total
	DU-17	DU-17	DU-17	DU-5	DU-5	n/a	DU-10	DU-10	n/a	DU-5	DU-5	n/a	
2014-2018	83	1,192	15	61	1,077	11	1	61	5	44	0	642	21,611
2019	89	211	11	31	1,443	0	0	22	4	12	0	501	14,850
2020	329	1,307	2	66	2,439	34	0	25	9	22	0	923	22,010
2021	29	2,879	11	60	2,353	9	2	51	9	38	0	479	23,591
2022	309	2,946	23	12	3,265	14	0	28	0	63	0	641	39,158
2023	40	2,804	29	82	2,309	3	4	18	16	52	0	925	29,629
2024	106	1,429	0	23	1,890	7	0	9	2	29	0	1,212	19,053

Table 1

JTC Summer 5₂ Technical memo

- JTC provided a Technical Memo in 2025 that summarized relevant technical information on Summer 5₂ Fraser Chinook fishery management.
- It's intended to be a **baseline of information** used to inform feedback
- JTC's updated technical memo, including updated 2024 FMI and other data, to be released in late February 2026."

Summer 5₂ Chinook Management Objectives & Outcomes

FSMB Objective	Indicators	Outcomes (average 2019 – 2024)	Outcomes (2019)	Outcomes (2020)	Outcomes (2021)	Outcomes (2022)	Outcomes (2023)	Outcomes (2024)
Conservation Maintain low fishery mortalities within 10-14% (Fishery Mortality Index)	Total FMI	12.2%	16.1%	12.9%	13.0%	10.4%	9.5%	14.7%
	Test Fishery FMI	1.0%	0.9%	1.2%	1.4%	0.9%	1.1%	0.7%
	Spawner abundance (aggregate)	23,749	9,052	22,010	23,591	39,158	29,629	19,053
	DU4 (LFR-Upper Pitt)	41	18	46	86	11	69	15
	DU5 (LFR-Summer)	46	31	66	60	12	82	23
	DU8 (MFR-Portage)*	78	191	25	12	46	138	54
	DU10 (MFR-Summer)	10,787	4,174	8,500	9,784	19,945	13,724	8,598
	DU13 (STh-Stream-Summer)	1,363	1,144	1,057	2,932	1,159	1,180	705
	DU17 (NTh-Summer)	3,725	1,004	4,000	3,950	6,053	4,564	2,781
	Other Summer 5 ₂ Stocks (14 total)	7,709	2,490	8,316	6,767	11,932	9,872	6,877

*Hatchery supplementation for conservation occurs here

Summer 5₂ Chinook Management Objectives & Outcomes

FSMB Objective	Indicators	Outcomes (avg. 2019 – 2024)	Outcomes (2019)	Outcomes (2020)	Outcomes (2021)	Outcomes (2022)	Outcomes (2023)	Outcomes (2024)
Aboriginal Priority	FMI – First Nations fisheries	5.1%	6.8%	7.2%	5.9%	5.1%	2.8%	4.0%
	Share of FMI impacts for First Nations fisheries ¹	54%	51%	77%	59%	62%	40%	32%
	Summer 5 ₂ mortalities	1,301	1,133	1,774	1,362	2,087	704	746
	Total in-river Chinook FSC harvest ²	29,567	28,996	32,681	26,814	23,358	30,119	35,431
	Lower Fraser Area	24,570	24,339	24,669	21,735	19,935	26,304	32,831
	Mid/Upper Fraser Area	4,997	4,657	8,012	5,079	3,423	3,815	2,600

¹Excluding terminal recreational and test fisheries.

Share calculated as: Fishery FMI / (First Nations fisheries FMI + marine recreational fisheries FMI + commercial fisheries FMI)

²Communal license harvest targets are detailed in Table 10.1 of the Southern BC IFMP

Summer 5₂ Chinook Management Objectives & Outcomes

FSMB Objective	Indicators	Outcomes (avg. 2019 – 2024)	Outcomes (2019)	Outcomes (2020)	Outcomes (2021)	Outcomes (2022)	Outcomes (2023)	Outcomes (2024)
Other Opportunities	FMI – Recreational¹	4.1%	6.0%	2.1%	3.7%	2.9%	3.8%	7.9%
	Share of FMI impacts for recreational marine fisheries ¹	43%	44%	22%	37%	35%	55%	63%
	FMI – Commercial	0.4%	0.7%	0.1%	0.4%	0.3%	0.3%	0.6%
	Share of FMI impacts for commercial fisheries ¹	4%	5%	1%	4%	3%	5%	5%
	Total Chinook mortalities ²	280,262	294,178	166,828	280,928	298,288	298,445	342,907
	Recreational marine ³	205,060	228,182	125,427	191,233	216,123	225,948	243,444
	Commercial Area F	53,868	42,801	30,096	64,470	57,479	51,777	76,590
	Commercial Area G	21,334	23,195	11,305	25,225	24,686	20,720	22,873
	Total Summer 5 ₂ mortalities ²	1,244	1,182	545	1,114	1,365	1,358	1,902
	Recreational marine ³	1,143	1,056	529	1,003	1,250	1,250	1,770
	Commercial Area F	66	40	16	60	40	108	132
	Commercial Area G	35	86	0	51	75	0	0

¹Excluding in-river recreational fisheries on Chilliwack and Chehalis rivers.

Share calculated as: Fishery FMI / (First Nations fisheries FMI + marine recreational fisheries FMI + commercial fisheries FMI)

²Does not include Chinook catch from fisheries that are not estimated to intercept Fraser Chinook

³Includes 20% mortality from releases in Southern BC

Summer 5₂ Chinook Management Objectives & Outcomes

Summary of FMI Distribution	Outcomes (avg. 2019 – 2024)	Outcomes (2019)	Outcomes (2020)	Outcomes (2021)	Outcomes (2022)	Outcomes (2023)	Outcomes (2024)
Total FMI	12.2%	16.1%	12.9%	13.0%	10.4%	9.5%	14.7%
Test fisheries	1.0%	0.9%	1.2%	1.4%	0.9%	1.1%	0.7%
Terminal Recreational fisheries ¹	1.6%	1.7%	2.3%	1.5%	1.3%	1.6%	1.5%
Share of remaining FMI²	9.6%	13.5%	9.4%	10.1%	8.2%	6.8%	12.5%
First Nations fisheries	54%	51%	77%	59%	62%	40%	32%
Marine Recreational + Commercial	47%	49%	23%	41%	38%	60%	68%
<i>Marine Recreational fisheries</i>	<i>43%</i>	<i>44%</i>	<i>22%</i>	<i>37%</i>	<i>35%</i>	<i>55%</i>	<i>63%</i>
<i>Commercial fisheries</i>	<i>4%</i>	<i>5%</i>	<i>1%</i>	<i>4%</i>	<i>3%</i>	<i>5%</i>	<i>5%</i>

¹ Targeting hatchery-enhanced production in the Chilliwack and Chehalis rivers

² Share calculated as: Fishery FMI / (First Nations fisheries FMI + marine recreational fisheries FMI + commercial fisheries FMI)

Summer 4₁ Chinook Management

Other Objectives

- First Nations Priority: Pass additional Summer 4₁ Chinook through marine fisheries to support FSC in the Fraser River
- 2026 Summer 4₁ Outlook: healthy/abundant and supports directed fisheries in the Fraser River

Summer 4₁ Chinook Management Objectives & Outcomes

DFO Objective	Indicators	Base Period (avg. 2014-2018)	Outcomes (avg. 2019 – 2024)	Outcomes (2019)	Outcomes (2020)	Outcomes (2021)	Outcomes (2022)	Outcomes (2023)	Outcomes (2024)
Aboriginal Priority Reductions in commercial and recreational fishery harvest opportunities implemented in recent years will continue and are intended to support priority access for First Nations FSC fisheries in the Fraser River	FMI – Total	42.7%	22.5%	32.3%	25.7%	24.7%	29.3%	12.4%	31.5%
	FMI – Test fisheries	0.8%	0.9%	1.1%	1.0%	1.1%	1.3%	0.6%	0.8%
	FMI – First Nations fisheries	7.0%	9.6%	11.6%	14.5%	10.6%	12.6%	4.8%	13.8%
	FMI – Recreational fisheries	18.9%	9.7%	17.7%	8.5%	9.2%	11.5%	5.8%	12.8%
	FMI – Commercial fisheries	16.1%	2.3%	1.8%	1.6%	3.8%	1.0%	1.2%	4.1%
	Share of remaining FMI impacts¹	41.9%	21.6%	31.2%	24.7%	23.6%	28.0%	11.8%	30.7%
	First Nations fisheries	17%	 44%	37%	59%	45%	45%	41%	45%
	Recreational fisheries	45%	 45%	57%	35%	39%	41%	49%	42%
	Commercial fisheries	38%	 11%	6%	7%	16%	14%	10%	13%
	Recreational + Commercial	83%	 56%	63%	41%	55%	55%	59%	55%

¹Excluding test fisheries.

Share calculated as: Fishery FMI / (First Nations fisheries FMI + recreational fisheries FMI + commercial fisheries FMI)

Engagement Approach

Summer 5₂ Chinook & Fraser Sockeye

Date	Event	Details
Dec 4	SFAB meeting	What happened last year from a Board perspective, and what the Board is planning to do this year. Sockeye and Chinook content
Jan 27-29	Forum 1	What happened last year from a Board perspective, and what the Board is planning to do this year. Chinook & Sockeye content
Feb 6	IHPC	What happened last year from a Board perspective, and what the Board is planning to do this year. Chinook and Sockeye content
Feb 17	Area F & Area G	Present what happened last year from a Board perspective, and what the Board is planning to do this year – Fraser Summer 5 ₂ Chinook focus
Feb 24-26	Forum 2	Present Chinook management scenarios; present Fraser Sockeye escapement plan options, share feedback heard to date and seek feedback
March 10	IHPC	Present Chinook management scenarios; present Fraser Sockeye escapement plan options, share feedback to date and seek feedback
March 31 – April 2	Forum 3	Provide details on feedback heard to date; Continue to seek feedback on Fraser Summer 5 ₂ management scenarios and Fraser Sockeye escapement plan options
April 24	Final Deadline	FSMB to send recommendation(s) through DFO approvals process

2025 Summer 5₂ Chinook

Potential Scenarios

#	Scenarios for consideration	Approach to achieve objectives	Potential Total FMI ^[SEP]
1	Remove additional constraints that were implemented in 2023-2024 (i.e., similar to 2022 management).	Where reductions to Summer 5 ₂ Chinook were greater than targeted (based on post-season data analysis), approach is to authorize fishery opportunities that were previously constrained. Specific actions in select management areas will be developed as part of the IFMP consultation process and may include earlier fishery start dates, increased retention limits, greater opportunity for FSC access to early-timed Chinook, etc. compared to 2023.	15%
2	Management like 2023-2024		13%
3	Maintain impacts at recent average, take management actions to redistribute some impacts to First Nations	Reduce allowable impacts on Summer 5 ₂ in Recreational (Marine) fisheries by 50%, increase allowable impacts in First Nations fisheries by 43% to better meet Aboriginal priority.	13%
4	Maintain impacts at recent average, take management actions to redistribute most impacts to First Nations	Reduce allowable impacts on Summer 5 ₂ in Recreational (Marine) fisheries by 80% and Commercial fisheries by 50%, increase allowable impacts in First Nations fisheries by 72% to better meet Aboriginal priority.	13%
5	Decrease impacts overall, take management actions to redistribute nearly all impacts to First Nations	Reduce Recreational (Marine) and Commercial allowable impacts to 0, increase allowable impacts in First Nations fisheries by 30% to better meet Aboriginal priority.	10%