



### ***Scenarios for Discussion of the Management Approach for Fraser Summer 5<sub>2</sub> Chinook in 2025-26***

The table below presents an illustration of potential scenarios for distribution of Fraser Chinook Summer 5<sub>2</sub> Fishery Mortality Index (FMI) that have been identified to represent some of the suggested approaches identified during consultations in past years. These scenarios are provided to stimulate discussion, and are not confirmed fishery management plans. Actual options presented for decision for 2025-26 management will be developed based on feedback from consultations. The Fraser Salmon Management Board invites comments on all scenarios presented and any other suggested approaches as part of this process, including the potential fishery management measures that may be required to achieve the targets outlined in each scenario.

The potential FMI values presented in the table are not a projection of impacts under each scenario; they are based on estimated impacts from recent years and scaling impacts to illustrate potential ways to shift the distribution of fishing mortality among fishing groups. In particular:

- Scenario 1 potential outcome is based on the average FMI estimated from 2019-2021
- Scenario 2 potential outcome is based on the average FMI estimated from 2019-2023
- Scenarios 3-5 potential outcomes are based on scaling the average FMI estimate from 2019-2023 to reduce allowable impacts in recreational and/or commercial fisheries and increase allowable impacts in First Nations fisheries. Percentage changes for each scenario are intended to be illustrative and are noted in the table.

The FMI values are rounded to the nearest whole number to illustrate there is uncertainty in these potential outcomes; generally, the tenth decimal place is included if the value is between 0 and 1 or if it will avoid discrepancies in summation due to rounding error.

Fisheries included in each grouping are:

- **First Nations:** Food, Social, and Ceremonial (FSC) fisheries in the Fraser River and Pacific Fishery Management Areas (PFMAs) 1 to 5. Also includes the Five Nations rights-based sales fishery, Maa-nulth Treaty Aggregate Abundance Based Management fishery, and Nuu-chah-nulth FSC fishery. FSC catch in PFMAs 11 to 20, 28, and 29 are not currently included in the FMI due to gaps in the catch and genetic stock identification information for some years. FSC fisheries in PFMAs 21 to 27 are mostly terminal and unlikely to encounter Fraser Chinook.
- **Recreational (Marine):** Recreational fisheries in North Coast (PFMAs 1 to 5) and South Coast (PFMAs 11 to 29)
- **Recreational (Terminal):** For 2019-2023, the impacts to Summer 5<sub>2</sub> Chinook came only from fisheries in the Chilliwack and Chehalis rivers that are tributaries to the Fraser River. The base period (2014-2018) may also include impacts from fisheries in the Fraser River mainstem.
- **Commercial:** PFMA 1 to 5 (Area F) Troll and Net (note: net fisheries reported no catch for 2019-2023), Area G Troll.
- **Test:** Fraser River test fisheries (Albion, Whonnock, Cottonwood, Browsville Bar, and Qualark), Johnstone Strait test fisheries (Area 12 and 13), and Juan de Fuca test fisheries (Area 20)



#	Scenarios for consideration	Approach to achieve objectives	Potential Total FMI	Potential Fishery Mortality Index					Potential Distribution of Impacts				
				First Nations	Recreational (Marine)	Recreational (Terminal)	Commercial	Test	First Nations	Recreational (Marine)	Recreational (Terminal)	Commercial	Test
1	Remove additional constraints that were implemented in 2023-2024 (i.e., similar to 2022 management).	Where reductions to Summer 5 <sub>2</sub> 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%	6.5%	5%	2%	0.4%	1%	43%	34%	13%	2%	8%
2	Management like 2023-2024	No substantial changes to management actions from 2023-2024. General management measures for these years noted below.	13%	5%	5%	2%	0.3%	1%	41%	35%	13%	3%	8%
3	Maintain impacts at recent average, take management actions to redistribute <b>some</b> impacts to First Nations	Reduce allowable impacts on Summer 5 <sub>2</sub> in Recreational (Marine) fisheries by 50%, increase allowable impacts in First Nations fisheries by 43% to better meet Aboriginal priority.	13%	8%	2%	2%	0.3%	1%	59%	18%	13%	3%	8%
4	Maintain impacts at recent average, take management actions to redistribute <b>most</b> impacts to First Nations	Reduce allowable impacts on Summer 5 <sub>2</sub> 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%	9%	1%	2%	0.2%	1%	70%	7%	13%	1%	8%
5	Decrease impacts overall, take management actions to redistribute <b>nearly all</b> 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%	7%	0%	2%	0.0%	1%	71%	0%	17%	0%	11%

**General management measures implemented in 2023-2024**

Please refer to the 2023-24 and 2024-25 IFMP’s for detailed management measures by PFMA.

**Recreational:** Chinook non-retention beginning April 1 in most South Coast waters, with exception of West Coast Vancouver Island (WCVI) waters inside one nautical mile from surfline. No fishing for Chinook beginning April 1 in marine approaches to Fraser River. No fishing for salmon at the mouth and within the Fraser River in effect beginning January 1.

**Commercial:** Area F opening August 10, Area G opening August 1.

**First Nations:** Fraser River FSC limited to unplanned events or first fish ceremonies into July, followed by opportunities to target healthy Summer 4<sub>1</sub> Chinook in August. Limited opportunities in terminal areas. South Coast FSC fishing permitted in marine areas, except at the Fraser River mouth. Five Nations rights-based commercial fishery delayed until July 15 in areas seaward of one nautical mile from the surfline on WCVI, including maximum 80cm size limit July 16 to 31.