

# **2021 Ocean Salmon Fisheries Guidelines**

**Feb 25, 2021**

# Sacramento Fall Chinook

- 2020 Forecast = 473,200
- 2021 Forecast = 271,000

# Klamath Fall Chinook

- 2020 Forecast = 150k age 3; 36k age 4
- 2021 Forecast = 136k age 3; 45k age 4
- Will be constrained by either the spawner escapement goal or the 16% HR limit on age 4

# Columbia River Fall Chinook

- LCR tule forecast 73,100 38% ER
- Total Columbia bright forecast = 460,900
- Total Columbia tule forecast = 119,900

# Lower Columbia River Tule Chinook

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LCR Abundance Forecast	Total Exploitation Rate Limit (all fisheries)
<30,000	0.30
30-40,000	0.35
<b><u>40-85,000</u></b>	<b><u>0.38</u></b>
>85,000	0.41

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# Lower Columbia River and Coastal Coho

- $\leq 15\%$  for OCN
- $\leq 30\%$  for LCN
- Both will likely be constraints for Coho fisheries

# 2021 Coastal In-River Fisheries Regulations

- Chinook and Coho fisheries TBD

## OCN Work Group Matrix for Oregon coastal natural Coho Salmon showing maximum allowable fishery mortality rates.

Parental Escapement		Marine Survival Index			
		Extremely Low	Low	Medium	High
High	> 0.75 full seeding	≤ 8.0%	≤ 15.0%	≤ 30.0%	≤ 45.0%
Medium	0.75 to 0.50 full seeding	≤ 8.0%	≤ 15.0%	≤ 20.0%	≤ 38.0%
Low	0.50 to 0.20 full seeding	≤ 8.0%	≤ 15.0%	<u>≤ 15.0%</u>	≤ 25.0%
Very Low	0.20 to 0.10 of full seeding	≤ 8.0%	≤ 11.0%	≤ 11.0%	≤ 11.0%
Critical	< 0.10 of full seeding	0 – 8.0%	0 – 8.0%	0 – 8.0%	0 – 8.0%



**Matrix for Lower Columbia natural Coho Salmon showing maximum allowable fishery mortality rates.**

	<b>Marine Survival Index</b>				
<b>Parental Escapement (percent of full seeding)</b>	<b>Very Low</b>	<b>Low</b>	<b>Medium</b>	<b>High</b>	<b>Very High</b>
	≤0.06%	≤0.08%	≤0.17%	≤0.40%	>0.40%
<b>Normal</b>	≤10%	≤15%	≤18%	≤23%	<b>≤30%</b>