

# 2019 Ocean Salmon Fisheries Guidelines

Feb 28, 2019

# Sacramento Fall Chinook

- 2018 forecast = 229,400 (corrected from 230,700)
- 2019 forecast = 379,600

# Klamath Fall Chinook

- 2018 forecasts = 330k age 3; 28k age 4.
- 2019 forecasts = 168k age 3; 106k age 4.
- Will be constrained by spawner escapement goal or the 16% limit on age 4.

# Columbia River Fall Chinook

- Lower Columbia River (LCR) tule forecast = 54,500 38% ER
- Total Columbia bright forecast = 239,900
- Total Columbia tule forecast = 100,500

# Lower Columbia River Tule Chinook

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

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# Lower Columbia River and Coastal Coho

- $\leq 15\%$  for Oregon Coast Natural (OCN) coho
- $\leq 23\%$  for Lower Columbia Natural (LCN) coho
- Both will likely be constraints for coho fisheries.

# **2019 Coastal Inriver Fisheries Regulations**

- Chinook and coho fisheries discussions planned.

## OCN Work Group Matrix for Oregon coastal wild 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%	<u>≤ 15.0%</u>	≤ 15.0%	≤ 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 wild 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%	<u>≤23%</u>	≤30%