

Chinook and coho harvest quotas for March PFMC 2020 proposed ocean salmon fishery management options.

Fishery or Quota Designation	Chinook TACs for Option			Coho TACs for Option		
	I - High	II - Mid	III - Low	I - High	II - Mid	III - Low
Model Run:	Chin1020a	Chin1120a	Chin1220a	Coho2012a	Coho2013a	Coho2014a
TREATY INDIAN OCEAN TROLL	30,000	25,000	20,000	12,500	10,000	-
May-June quota:	18,000	15,000	12,000			
July-Sept quota:	12,000	10,000	8,000			
NON-INDIAN COMMERCIAL TROLL (coho MSF)	30,000	22,880	-	5,600	2,500	-
RECREATIONAL (coho MSF)	30,000	22,130	-	29,400	22,500	-
NON-INDIAN TOTAL	60,000	45,000	-	35,000	25,000	-
TOTAL NORTH OF CAPE FALCON	90,000	70,010	20,000	47,500	35,000	-

March PFMC 2020 ocean options and 2020 US abundances, with 2019 Puget Sound and WA coast terminal fisheries.

2020 Coho Potential 'Driver Stocks'	Coho Updated		Relevant Coho Modeling Outputs:						ER Cap or PFMC Escapement Floor
			Option I (Ocean ER)	Option II (Ocean ER)	Option III (Ocean ER)	Option I (Ocean ER)	Option II (Ocean ER)	Option III (Ocean ER)	
Interior Fraser River (IFR), "Thompson"	12-Mar-20	US ER	6.3%	2.3%	5.7%	1.8%	4.6%	0.6%	10% US ER
Oregon Coastal Natural (OCN)		Total ER	11.7%	10.3%	11.1%	9.7%	10.3%	8.8%	15% Total ER
Lower Columbia River Natural (LCN)		Total ER	16.1%	11.4%	13.9%	8.9%	10.6%	5.2%	18% Total ER
Grays Harbor Natural		Ocean Escapement	47,222		47,642		48,226		35,400
Queets River Natural		Ocean Escapement	6,702		6,847		7,080		5,800
Hoh River Natural		Ocean Escapement	3,648		3,718		3,842		2,000
Quillayute River Fall Natural		Ocean Escapement	8,713		8,785		8,916		6,300
Strait of Juan De Fuca Natural		SUS ER	5.2%	2.1%	4.7%	1.6%	3.7%	0.6%	10% SUS ER
Hood Canal Natural		Total ER	41.7%	2.6%	41.3%	2.0%	40.4%	0.7%	45% Total ER
Skagit River Natural		Total ER	34.1%	2.3%	33.7%	1.7%	32.8%	0.6%	35% Total ER
Stillaguamish River Natural		Total ER	27.1%	1.7%	26.7%	1.2%	26.0%	0.4%	35% Total ER
Snohomish River Natural		SUS ER	21.4%	1.7%	21.0%	1.2%	20.3%	0.4%	10% SUS ER
2020 Chinook PFMC DriverStocks	Chinook Updated		Relevant Chinook Modeling Outputs:						ER Cap
Lower Columbia River Natural Tules	12-Mar-20	Total ER	Option I	Option II	Option III	Option I	Option II	Option III	38.0%
Puget Sound natural production stocks			35.9%	34.2%	28.3%	See Puget Sound TAMM Table 2 handout			-

Table H. Hatchery escapement to Puget Sound broodstock collection facilities

	Escapement	Option I-High	Option II-Mid	Option III-Low
		Coho2012a FRAM	Coho2013a FRAM	Coho2014a FRAM
	Goal1	Escapement2	Escapement2	Escapement2
Lummi Bay	3,500	2,517	2,545	2,601
Skookum Creek	3,500	9,459	9,576	9,817
Skagit/Marblemount	400	9,061	9,162	9,370
Snoh/Wallace	5,750 goal	4,477	4,512	4,572
Issaquah/Lake WA	2,000	3,369	3,413	3,503
Green River (Soos+Keta)	8,000	23,086	23,279	23,671
Puyallup/Voights	1,800	5,041	5,185	5,475
Minter	2,410	5,294	5,367	5,516
Nisqually	1,280	1,697	1,744	1,840
George Adams	550	9,636	9,772	10,025
Quilcene NFH	1,500	13,319	13,512	13,872
Dungeness	500	5,666	5,726	5,843
Elwha	350	1,295	1,306	1,327

1 Values updated for 2016 preseason planning process.

2 Values from Time Step 5 (Oct-Dec), for Marked+Unmarked components.

Chinook and coho harvest quotas for March PFMC 2020 proposed ocean salmon fishery management options.

Fishery or Quota Designation	Chinook TACs for Option			Coho TACs for Option		
	I - High	II - Mid	III - Low	I - High	II - Mid	III - Low
Model Run:	Chin1020b	Chin1120b	Chin1220b	Coho2012b	Coho2013b	Coho2014b
TREATY INDIAN OCEAN TROLL	45,000	35,000	25,000	30,000	22,500	15,000
May-June quota:	22,500	17,500	12,500			
July-Sept quota:	22,500	17,500	12,500			
NON-INDIAN COMMERCIAL TROLL (coho MSF)	30,000	22,880	-	5,600	2,500	-
RECREATIONAL (coho MSF)	30,000	22,130	-	29,400	22,500	-
NON-INDIAN TOTAL	60,000	45,000	-	35,000	25,000	-
TOTAL NORTH OF CAPE FALCON	105,000	80,010	25,000	65,000	47,500	15,000

March PFMC 2020 ocean options and 2020 US abundances, with 2019 Puget Sound and WA coast terminal fisheries.

2020 Coho Potential 'Driver Stocks'	Coho Updated		Relevant Coho Modeling Outputs:						ER Cap or PFMC Escapement Floor
			Option I (Ocean ER)		Option II (Ocean ER)		Option III (Ocean ER)		
Interior Fraser River (IFR), "Thompson"	12-Mar-20	US ER	8.4%	4.4%	7.2%	3.3%	6.0%	2.0%	10% US ER
Oregon Coastal Natural (OCN)		Total ER	12.1%	10.7%	11.4%	10.0%	10.5%	9.1%	15% Total ER
Lower Columbia River Natural (LCN)		Total ER	17.7%	13.0%	15.1%	10.1%	11.6%	6.1%	18% Total ER
Grays Harbor Natural		Ocean Escapement	46,272		46,960		47,689		35,400
Queets River Natural		Ocean Escapement	6,487		6,693		6,942		5,800
Hoh River Natural		Ocean Escapement	3,456		3,581		3,720		2,000
Quillayute River Fall Natural		Ocean Escapement	8,558		8,676		8,815		6,300
Strait of Juan De Fuca Natural		SUS ER	6.8%	3.7%	5.8%	2.8%	4.7%	1.6%	10% SUS ER
Hood Canal Natural		Total ER	43.0%	4.4%	42.2%	3.3%	41.2%	2.0%	45% Total ER
Skagit River Natural		Total ER	35.5%	4.1%	34.7%	3.0%	33.7%	1.8%	35% Total ER
Stillaguamish River Natural		Total ER	28.1%	3.0%	27.4%	2.2%	26.7%	1.3%	35% Total ER
Snohomish River Natural		SUS ER	22.5%	3.0%	21.8%	2.2%	21.0%	1.3%	10% SUS ER
2020 Chinook PFMC DriverStocks	Chinook Updated		Relevant Chinook Modeling Outputs:						ER Cap
Lower Columbia River Natural Tules	12-Mar-20	Total ER	Option I		Option II		Option III		38.0%
Puget Sound natural production stocks			See Puget Sound TAMM Table 2 handout						-

Table H. Hatchery escapement to Puget Sound broodstock collection facilities

	Option I-High Coho2012b		Option II-Mi Coho2013b	Option III-Low Coho2014b
	Escapement	FRAM	FRAM	FRAM
	Goal1	Escapement2	Escapement	Escapement2
Lummi Bay	3,500	2,466	2,509	2,568
Skookum Creek	3,500	9,239	9,420	9,671
Skagit/Marblemount	400	8,868	9,024	9,246
Snoh/Wallace	5,750 goal	4,415	4,467	4,533
Issaquah/Lake WA	2,000	3,293	3,360	3,453
Green River (Soos+Keta)	8,000	22,584	22,926	23,341
Puyallup/Voights	1,800	4,787	5,005	5,307
Minter	2,410	5,172	5,281	5,435
Nisqually	1,280	1,616	1,687	1,787
George Adams	550	9,428	9,625	9,886
Quilcene NFH	1,500	13,007	13,292	13,663
Dungeness	500	5,557	5,649	5,772
Elwha	350	1,274	1,290	1,313

1 Values updated for 2016 preseason planning process.

2 Values from Time Step 5 (Oct-Dec), for Marked+Unmarked components.