

Table 1. Summary of assumptions incorporated into modelling of policy options for the 2019 Policy Review Committee.

Policy Option	Allocation Sharing (%)			Mainstem Commercial Gears								Select Area Releases ⁷		
	Sport/Commercial		(LRH tule/URB) ²	Spring		Summer		Fall			(millions of smolts)			
	Spring	Summer ¹		Pre-Update Tangle Net ³	Post-Update Tangle Net/Gillnet ⁴	Gillnet	Alternative Gear ⁵	Zone 4-5 Gillnet ⁶	Seine MSF	Coho 6" Gillnet	Tangle Net MSF	Spring Chinook	SAB Fall Chinook	Coho
Transition Period Policy (2016) with Current OR Policy Releases	70/30	70/30	≤70/≥30	Y	Y	Y	Y	Y	Y	Y	Y	3.7	1.0	5.255
2018 Washington Policy	80/20	80/20	≤75/≥25	N	N	N	Y	Y	Y	N	Y	2.2	1.0	5.255
No Loss of Economic Benefit Potential #1	75/25	80/5	≤65/≥35	N	Y	N	N	Y	N	Y	Y	3.7	1.0	5.255
No Loss of Economic Benefit Potential #2	80/20	80/20	≤65/≥35	N	N	Y	N	Y	Y	Y	Y	3.7	1.0	5.255
Current Oregon Policy	80/20	80/20	≤70/≥30	N	Y	N	Y	Y	Y	N	Y	3.7	1.0	5.255
Pre-Policy (2010-2012 base for reference)	60/40	50/50	59/41	Y	Y	Y	--	Y	--	Y	--	1.2	1.45	4.05

¹ Five percent of the commercial share in the summer season is set aside for incidental harvest of upper Columbia summer Chinook in Select Area fisheries. The balance is available for implementation of mainstem commercial fisheries targeting upriver summer Chinook. If the balance is unused, or if it is left unallocated due to the 80% cap for the sport fishery (No Loss of Economic Benefit Potential #1), the model assumes that it is not available to the sport fishery downstream of Bonneville Dam.

² Although all policy options allow for fall allocation shares ≤ to the sport allocation and ≥ to the commercial allocation, modelling of the options used the allocation percentages shown.

³ A pre-run update mainstem tangle net fishery assumes a commercial run size buffer.

⁴ The Transition Period Policy and No Loss of Economic Benefit Potential #1 options assume that gillnets are allowed for a post-run update mainstem spring Chinook fishery under adaptive management provisions. Current Oregon Policy assumes use of tangle nets only for a post-run update mainstem fishery.

⁵ Alternative gears may be used for mainstem commercial summer Chinook fisheries under the Transition Period Policy; however, since no alternative gear has been identified as available and practical for this fishery, the model assumes the use of gillnets (permitted by Policy) for this fishery. Alternative gears are required for mainstem commercial summer Chinook fisheries under the Current Oregon Policy and 2018 Washington Policy options. Since there is no approved alternative gear, the model assumes \$0 value for the fishery.

⁶ The presumptive path under the Transition Period Policy was that fall mainstem large-mesh gillnet fisheries would be conducted in Zones 4-5; however, fisheries in Zones 1-3 were not prohibited when sufficient LRH impacts were available. During the pre-Policy period, fall large-mesh gillnets were allowed in Zones 1-5. All other policy options assume a Zone 4-5 large-mesh gillnet fishery.

⁷ For all policy options (except Pre-Policy), Select Area releases shown are assumed to contribute to adult returns in 2022+ for spring Chinook, 2023+ for SAB fall Chinook, and 2021+ for Coho. SAB and Coho releases are capped at displayed values due to Mitchell Act production limitations.