

**Table 2. ISRP assessment of the reporting of objectives and performance metrics in individual hatchery program reports. prepared for the 2022 LSRC Spring Chinook Program Review, encompassing brood years 1998-2016.**

<b>A. Hatchery Performance</b>													
Brood Years Reporting	Metric	Sawtooth	McCall	Clearwater Spring	Clearwater Summer	Dworshak	Tucannon	Touchet	Imnaha	Lookingglass	Grande Ronde	Catherine Creek	Lostine
BY98-20	Broodstock Collection Goals	700 - 1,105	582 - 1,104	1,688 - 2,078	258 - 440	1,372	100-170	176	296	160	172	102	166
	Years Achieved	11 of 23	23 of 23	17 of 23	9 of 12	12	7	NA	NR	NR	NR	NR	NR
	Program Type	BY98-09 Segregated, BY10-Current Integrated	BY98-09 Segregated, BY10-Current Integrated	Segregated	Segregated	Segregated	Integrated	Segregated	Integrated	Integrated	Integrated	Integrated	Integrated
	Pre-spawning Mortality	7% (0 - 64%)	17% (0 - 71%)	6% (1 - 17%)	8% (0 - 28%)		5% +/- 3.70	NA	NR	NR	NR	NR	NR
	Egg to Smolt	86% (69 - 99%)	83% (63 - 99%)	85% (65 - 97%)	82% (63 - 97%)		79% (48.1-95.7)	NA	89% (53-99)	88% (71-99)	92% (72-99)	86% (38-98%)	80% (23-96)
	Smolt Release Goal	1,700,000 - 2,000,000	1,000,000	1,800,000 - 3,150,000	200,000 - 600,000	1,650,000	132,000-225,000	250,000	490,000	250,000	250,000	150,000	250,000
	Years Achieved	11 of 23	23 of 23	17 of 23	10 of 12	14	4	3/3	6	6 out of 15	8	9	13
	<b>B. Post-Release Performance</b>												
	Density Index	0.30	≤0.25	≤0.30	≤0.30	0.3	0.16	0.16	0.17 (0.15-0.19)	0.19 (0.17-0.20)	0.15 (0.14-0.16)	0.20 (0.19-0.21)	0.15 (0.14-0.16)
	Size at Release	19 fpp (12 - 28)	20 fpp (13 - 36)	16 fpp (12 - 20)	16 fpp (14 - 20)	20	12-15 fpp	11-13 fpp	20-25 fpp	20-25 fpp	20-25 fpp	20-25 fpp	20-25 fpp
	Survival to LGD/LoMO/MCN Target (smolts)	54% (22 - 68%)	64% (51 - 78%)	68% (47 - 93%)	63% (53 - 77%)	78.1%	0.54%	0.51% (0.45-0.57)	0.66% (0.53-0.72)	0.69% (0.57-0.77)	0.44% (0.15-0.55)	0.34% (0.22-0.50)	0.57% (0.41-0.67)
	1976 Program Sizing SAR	0.87%	0.80%	0.87%	N/A	0.87%	0.87%	NA	0.87%	0.87%	0.87%	0.87%	0.87%
	2022 Program Sizing SAR	0.97%	0.80%	0.38%	N/A	0.55%	0.24%	NA	0.65%	0.65%	0.65%	0.65%	0.65%
	1976 SAS Target	4.35%	4.00%	4.35%	N/A	4.30%	3.48%	NA	3.48%	3.48%	3.48%	3.48%	3.48%
	2022 SAS Target	4.85%	4.00%	1.92%	N/A	2.20%	0.96%	NA	2.60%	2.60%	2.60%	2.60%	2.60%
BY98-16	Observed SAR Average	0.36% (0.08 - 0.87%)	0.72% (0.06 - 1.91%)	0.29% (0.05 - 0.61%)	0.26% (0.05 - 0.47%)	0.48%	0.24% (0.02-1.05)	NA	0.85% (0.12-2.61)	0.67% (0.14-1.98)	0.40% (0.00-1.29)	0.38% (0.07-1.27)	0.85% (0.14-2.75)
	Observed SAS Average	0.43% (0.11 - 1.02%)	0.91% (0.08 - 2.17%)	0.40% (0.05 - 0.86%)	0.43% (0.06 - 0.92%)	0.58%	0.26% (0.02-1.09)	NA	1.02% (0.13-3.17)	0.77% (0.15-2.08)	0.46% (0.00-1.71)	0.46% (0.08-1.64)	0.96% (0.15-3.09)
Return Years 2001-2020	Return to Project Area Goal	19,445	8,000	9,882	2,033	9135	1,152	3,210	1,617	1617	970	1617	
	Return to Project Area Average	3,271 (624 - 7,521)	8,409 (1,032 - 18,271)	7,484 (1,587 - 15,958)	6,645 ( )	363 (50-1,122)	NA	2,820	880	776	530	1,573	
	Years Project Area Goals Achieved	0	11	3	6	0	NA	5	3 out of 15	0	2	6	
	Years of Tribal Harvest	17	20	20	20	0	NA	14	7 out of 15	4	1	11	
	Years of Sport Harvest	10	17	20	19	NA	NA	14	6 out of 15	0	1	6	
<b>C. Interaction Performance</b>													
	Natural Origin or Interaction Monitoring projects	Yes	Yes	Yes		NA	LSRCP	2000-039-00 ??	1992-026-04		1992-026-04	1992-026-04	1992-026-04
	BACI Assessment	Yes	Yes	Yes	No	NA	Yes	No	Yes	No	No	No	No
	Other Supplementation Effectiveness Evaluation	No	No	No		NA	Yes	No					
	RRS Assessment					NA	No	No	No	Yes	No	Yes	Yes
	PBT Baseline (Year Initiated)	2008	2008	2008	2008	2008	2014	2018-2019, 2022	2008	2008	2008	2008	2008