

Table 1. ISRP assessment of the reporting of objectives and performance metrics in individual hatchery program reports prepared for the 2022 LSRC Spring Chinook Program Review, brood years 2007-2016. This table provides summary information only since the last ISRP review (2010).

A. Hatchery Performance														
Brood Years Reporting	Metric (reporting guidance in cell comments)	Sawtooth	McCall	Clearwater Spring	Clearwater Summer	Dworshak	Tucannon	Touchet	Imnaha	Lookingglass	Grande Ronde	Catherine Creek	Lostine	
BY2007-2020	Broodstock Collection Goals (2007-2020)	1,105	817	2,078	440	1,372	170	176	296	160	172	102	166	
	Years Achieved	10 of 14	14 of 14	12 of 14	9 of 12	12	3	NA	9	8	3	7	6	
	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	2% (0 - 3%)	18% (0 - 71%)	5% (1 - 17%)	8% (0 - 28%)	3.6	7% +/- 6.03	NA	9% (1-28)	6% (1-15)	11% (1-34)	5% (1-24)	11% (2-18)	
	Egg to Smolt	83% (69 - 99%)	81% (63 - 97%)	85% (65 - 97%)	82% (63 - 97%)	76.9%	81% (64.2-95.7)	NA	81% (53-96)	89% (71-99)	88% (72-98)	80% (38-95%)	78% (23-88)	
	Smolt Release Goal	1,700,000 - 2,000,000	1,000,000	2,135,000 - 3,150,000	200,000 - 640,000	1650000	225,000	250,000	490,000	250,000	250,000	150,000	250,000	
	Years Achieved	10 of 14	14 of 14	12 of 14	10 of 12	11	2	3/3	5	6	6	9	9	
	B. Post-Release Performance													
	Density Index	0.30	≤0.25	≤0.30	≤0.30	0.3	0.16	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	20 fpp (14 - 28)	19 fpp (17 - 21)	17 fpp (15 - 20)	16 fpp (14 - 20)	20	12 fpp (2011 BY on)	11-13 fpp	20-25 fpp	20-25 fpp	20-25 fpp	20-25 fpp	20-25 fpp	20-25 fpp
Survival to LGD/LoMO/MCN Target (smolts)	54% (37% - 68%)	67% (51% - 78%)	70% (54% - 93%)	63% (53% - 77%)	76%	0.52%	0.51% (0.45-0.57)	0.66% (0.58-0.72)	0.69% (0.57-0.77)	0.43% (0.35-0.54)	0.34% (0.22-0.50)	0.59% (0.45-0.67)		
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%	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%	2.60%	2.60%	2.60%	2.60%	2.60%		
BY07-16	Observed SAR Average	0.30% (0.08% - 0.65%)	0.50% (0.06% - 1.03%)	0.33% (0.16% - 0.59%)	0.26% (0.05% - 0.47%)	0.48%	0.18% (0.02-0.37)	NA	0.62% (0.12-1.26)	0.57% (0.14-1.21)	0.44% (0.07-1.29)	0.38% (0.13-0.97)	0.86% (0.17-2.13)	
	Observed SAS Average	0.41% (0.12% - 1.02%)	0.80% (0.08% - 2.07%)	0.45% (0.18% - 0.78%)	0.43% (0.06% - 0.92%)	0.53%	0.19% (0.02-0.37)	NA	0.83% (0.13-1.83)	0.68% (0.15-1.41)	0.49% (0.08-1.31)	0.45% (0.16-1.17)	1.03% (0.19-2.34)	
Return years 2010-2020	Return to Project Area Goal	19,445	8,000	9,882	2,033	9,135		1,152	3,210	1,617	1,617	970	1,617	
	Return to Project Area Average	4,013 (831 - 7,521)	6,053 (1,032 - 14,263)	8,703 (3,676 - 15,958)	6,236	366 (50-711)	NA	3,667	1,204	1,106	658	2,277		
	Years Project Area Goals Achieved	0	4	2	4	0	NA	5	3	0	2	6		
	Years of Tribal Harvest	11	11		14	0	NA	10	7	4	1	8		
Years of Sport Harvest	9	8	11	13	NA	NA	9	6	0	1	6			
C. Interaction Performance														
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	No	No	No	No	NA	Yes	No	Yes	No	No	No	No		
Other Supplementation Effectiveness Evaluation	Yes	Yes	No	No	NA	Yes	No							
RRS Assessment	Yes	Yes	No	No	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		