

Appendix C1—Percent distribution of Alaska Spring (Alaska South SE) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement							
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada	Southern US							
			T	N	S	T	S		T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	Stray	Esc.				
79-84	5687		33.5	2.7	8.9	1.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	1.0	0.0	0.0	0.0	0.0	0.2	47.8
1985	19034	3,4,5,6	28.3	10.3	9.4	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.6	0.0	0.0	0.0	0.0	0.4	45.6
1986	19610	3,4,5,6	26.5	11.9	9.2	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	3.0	0.0	0.0	0.0	0.0	0.2	45.1
1987	18800	3,4,5,6	33.8	4.9	5.8	0.4	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	1.3	0.0	0.0	0.0	0.0	0.3	45.9
1988	17182	3,4,5,6	31.3	4.8	8.6	1.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	1.8	0.0	0.0	0.0	0.0	0.3	44.9
1989	14248	3,4,5,6	23.3	15.2	6.4	0.6	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	4.3	2.7	0.0	0.0	0.0	0.0	0.8	41.5
1990	17196	3,4,5,6	36.5	6.2	7.4	2.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	2.5	0.0	0.0	0.0	0.0	0.5	34.6
1991	15883	3,4,5,6	37.2	6.2	8.2	0.6	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	1.7	0.0	0.0	0.0	0.0	0.6	33.8
1992	10188	3,4,5,6	18.9	32.0	6.6	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.1	2.1	0.0	0.0	0.0	0.0	1.4	30.1
1993	6770	3,4,5,6	21.5	7.2	10.4	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	2.2	1.8	0.0	0.0	0.0	0.0	2.0	46.1
1994	8256	3,4,5,6	14.7	34.6	8.0	0.4	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.7	1.9	0.0	0.0	0.0	0.0	1.1	33.4
1995	6909	3,4,5,6	28.5	7.8	8.9	0.3	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	8.8	2.9	0.0	0.0	0.0	0.0	2.0	33.2
1996	6838	3,4,5,6	24.3	5.9	11.7	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	5.0	3.9	0.0	0.0	0.0	0.0	1.6	32.3
1997	6007	3,4,5,6	25.0	5.5	10.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	3.9	3.9	0.0	0.0	0.0	0.0	0.5	33.2
1998	4229	3,4,5,6	25.8	10.3	7.8	0.0	1.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	3.2	7.0	0.0	0.0	0.0	0.0	1.2	30.3
1999	6551	3,4,5,6	21.2	3.2	10.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	3.1	7.7	0.0	0.0	0.0	0.0	0.9	41.0
2000	7048	3,4,5,6	24.0	3.9	6.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	2.7	8.8	0.0	0.0	0.0	0.0	0.4	44.5
2001	7830	3,4,5,6	16.2	2.4	8.6	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	1.8	8.5	0.0	0.0	0.0	0.0	0.2	54.0
2002	6829	3,4,5,6	12.2	2.2	9.2	1.2	0.6	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	2.3	8.0	0.0	0.0	0.0	0.0	0.2	58.3
2003	6625	3,4,5,6	16.6	2.0	8.0	0.7	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	7.1	0.0	0.0	0.0	0.0	0.4	55.5
2004	9742	3,4,5,6	16.9	6.5	8.5	0.5	0.5	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.4	5.4	0.0	0.0	0.0	0.0	0.5	52.8
2005	9794	3,4,5,6	24.5	6.6	13.2	0.4	0.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	0.1	5.4	0.0	0.0	0.0	0.0	0.1	31.0
2006	12093	3,4,5,6	33.1	4.4	8.8	0.7	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	2.0	3.3	0.0	0.0	0.0	0.0	0.5	38.2
2007	11881	3,4,5,6	29.7	6.8	8.8	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	1.1	1.9	0.0	0.0	0.0	0.0	0.8	41.4
2008	11104	3,4,5,6	19.9	4.2	6.0	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	1.3	3.9	0.0	0.0	0.0	0.0	0.2	50.9
2009	8053	3,4,5,6	17.4	4.4	2.6	0.5	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.8	1.8	0.0	0.0	0.0	0.0	1.1	62.9
2010	6133	3,4,5,6	18.1	4.6	7.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	1.4	1.6	0.0	0.0	0.0	0.0	1.0	56.9
2011	6368	3,4,5,6	13.1	8.7	3.8	0.4	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	2.2	1.6	0.0	0.0	0.0	0.0	0.7	57.3
2012	4027	3,4,5,6	26.9	9.6	4.1	0.5	0.3	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	5.2	1.0	0.0	0.0	0.0	0.0	2.1	35.6
2013	6274	3,4,5,6	15.3	13.6	2.2	0.2	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	5.6	0.8	0.0	0.0	0.0	0.0	3.0	47.1
2014	5181	3,4,5,6	24.8	8.1	2.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	1.8	0.4	0.0	0.0	0.0	0.0	1.0	53.6
2015	6044	3,4,5,6	25.2	13.0	2.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	1.9	1.3	0.0	0.0	0.0	0.0	3.4	40.6
2016	3944	3,4,5,6	26.9	8.3	3.4	0.4	0.6	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.5	1.3	0.0	0.0	0.0	0.0	2.9	38.2
85-95	14007		27.3	12.8	8.1	0.7	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	1.7	2.3	0.0	0.0	0.0	0.0	0.9	39.5
96-98	5691		25.0	7.3	9.8	0.0	0.4	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	4.1	4.9	0.0	0.0	0.0	0.0	1.1	31.9
99-08	8950		21.4	4.2	8.8	0.4	0.4	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	1.5	6.0	0.0	0.0	0.0	0.0	0.4	46.8
09-16	5753		21.0	8.8	3.6	0.3	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	2.4	1.2	0.0	0.0	0.0	0.0	1.9	49.0

Appendix C2—Percent distribution of Atnarko River (North/Central BC) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	Stray	Esc.	
79–84	NA	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	5		Failed Criteria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	35	2,3	17.1	40.0	0.0	17.1	2.9	0.0	0.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	144	2,3,4	20.1	3.5	0.0	2.1	0.7	0.7	0.0	4.9	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.7	
1991	784	2,3,4,5	6.8	0.0	0.0	1.3	1.1	0.4	0.0	0.4	19.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.9	
1992	968	2,3,4,5	9.0	0.0	0.0	1.9	1.9	0.3	0.0	5.4	17.9	1.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.2	
1993	1333	2,3,4,5	9.8	0.8	0.6	4.6	2.1	0.5	0.0	1.2	12.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.6	
1994	1691	2,3,4,5	7.5	0.2	0.2	1.5	1.8	0.0	0.0	2.6	18.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.5	
1995	2325	2,3,4,5	4.5	0.1	1.2	1.1	2.8	0.0	0.0	0.3	15.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7	
1996	2071	2,3,4,5	2.6	0.0	0.5	0.2	0.6	0.0	0.0	0.0	11.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.9	
1997	1142	2,3,4,5	4.4	0.0	1.6	0.2	3.2	0.0	0.0	0.4	9.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.3	
1998	1070	2,3,4,5	7.3	0.0	0.4	0.0	4.9	0.0	0.0	0.0	13.0	1.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.7	
1999	1431	2,3,4,5	5.8	0.0	2.5	0.0	2.9	0.0	0.0	0.0	7.1	1.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3	
2000	1046	2,3,4,5	6.4	0.1	0.0	0.0	3.5	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3	
2001	683	2,3,4,5	6.6	0.0	2.2	0.0	2.2	0.3	0.0	0.0	12.9	0.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.1	
2002	746	2,3,4,5	5.0	0.1	0.4	10.2	4.0	0.8	0.0	0.0	15.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.9	
2003	612	2,3,4,5	5.1	0.2	0.0	2.9	5.9	0.0	0.0	0.0	23.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.2	
2004	709	2,3,4,5	9.9	0.0	0.0	3.4	5.8	0.0	0.0	0.0	19.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.8	
2005	936	3,4,5	13.0	0.1	1.7	4.5	6.0	0.0	0.0	0.0	15.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.6	
2006	1417	4,5	8.7	0.0	1.4	2.3	2.4	0.0	0.0	0.0	8.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.6	
2007	397	2,5	11.3	0.0	5.5	1.3	3.8	0.5	0.0	0.0	16.4	5.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.4	
2008	154	2,3	6.5	0.0	3.2	1.9	0.0	0.0	0.0	0.0	8.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.0	
2009	683	2,3,4	9.4	0.0	0.0	3.2	3.4	0.0	0.0	0.0	22.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.7	
2010	824	2,3,4,5	11.3	0.1	0.6	2.9	1.7	0.0	0.0	0.0	13.2	6.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.6	
2011	568	2,3,4,5	14.1	0.0	0.5	8.5	3.2	0.0	0.0	0.0	21.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.6	
2012	872	2,3,4,5	12.6	0.6	0.8	2.3	2.2	0.0	0.0	0.0	16.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	
2013	3021	2,3,4,5	4.4	0.4	0.4	1.5	1.4	0.0	0.0	0.0	9.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.4	
2014	3276	2,3,4,5	6.2	0.5	0.4	2.7	1.3	0.2	0.2	0.0	7.0	4.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.4	
2015	8465	2,3,4,5	3.8	0.0	0.5	1.0	2.5	0.2	0.0	0.0	7.8	3.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.5	
2016	4686	3,4,5	4.5	1.1	0.6	1.0	2.0	0.3	0.0	0.0	3.3	4.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	
85–95	1208		9.6	0.8	0.3	2.1	1.7	0.3	0.0	2.5	16.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3	
96–98	1428		4.7	0.0	0.8	0.1	2.9	0.0	0.0	0.1	11.2	1.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.6	
99–08	880		7.4	0.1	1.0	3.0	4.3	0.2	0.0	0.0	14.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.5	
09–16	2799		8.3	0.3	0.5	2.9	2.2	0.1	0.0	0.0	12.6	4.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.7	

Appendix C3—Percent distribution of Atnarko River (North/Central BC) 5-age ERA output total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	5	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	35	2,3	17.1	40.0	0.0	17.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1990	145	2,3,4	20.7	3.4	0.0	2.1	0.7	0.7	0.0	4.8	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.3	
1991	771	2,3,4,5	7.4	0.1	0.0	1.7	1.3	0.5	0.0	1.0	20.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4	
1992	981	2,3,4,5,6	8.9	0.0	0.0	1.8	1.8	0.3	0.0	5.3	18.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.4	
1993	1357	2,3,4,5,6	10.4	0.8	0.6	4.5	2.1	0.4	0.0	1.2	13.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.2	
1994	1697	2,3,4,5,6	7.5	0.2	0.2	1.5	1.8	0.0	0.0	2.5	18.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.6	
1995	2340	2,3,4,5,6	4.6	0.1	1.2	1.1	2.7	0.0	0.0	0.3	15.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.4	
1996	2056	2,3,4,5,6	2.6	0.0	0.5	0.2	0.6	0.0	0.0	0.0	11.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3	
1997	1167	2,3,4,5,6	4.5	0.0	1.5	0.2	3.1	0.0	0.0	0.4	9.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.7	
1998	1059	2,3,4,5,6	7.4	0.0	0.4	0.0	4.9	0.0	0.0	0.0	13.1	1.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.3	
1999	1443	2,3,4,5,6	5.8	0.0	2.5	0.0	2.9	0.0	0.0	0.0	7.1	1.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4		
2000	1044	2,3,4,5,6	6.4	0.1	0.0	0.0	3.5	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.9		
2001	682	2,3,4,5,6	6.6	0.0	2.2	0.0	2.2	0.3	0.0	0.0	12.9	0.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.9	
2002	751	2,3,4,5,6	4.9	0.1	0.4	10.0	4.0	0.8	0.0	0.0	15.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.7	
2003	635	2,3,4,5,6	4.9	0.2	0.0	2.8	5.7	0.0	0.0	0.0	23.1	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	
2004	685	2,3,4,5,6	10.2	0.0	0.0	3.5	5.8	0.0	0.0	0.0	20.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.7	
2005	940	3,4,5,6	13.0	0.1	1.7	4.5	6.0	0.0	0.0	0.0	15.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.6	
2006	1425	4,5,6	8.6	0.0	1.4	2.2	2.4	0.0	0.0	0.0	8.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.8	
2007	421	2,5,6	11.4	0.0	5.2	1.2	3.6	0.5	0.0	0.0	15.9	5.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.7	
2008	157	2,3,6	7.0	0.0	3.2	1.9	0.0	0.0	0.0	0.0	9.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.6	
2009	683	2,3,4	9.4	0.0	0.0	3.2	3.4	0.0	0.0	0.0	22.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.7	
2010	821	2,3,4,5	11.1	0.1	0.6	3.0	1.7	0.0	0.0	0.0	13.3	6.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8	
2011	579	2,3,4,5,6	13.8	0.0	0.5	8.3	3.1	0.0	0.0	0.0	21.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9	
2012	866	2,3,4,5,6	12.7	0.6	0.8	2.3	2.2	0.0	0.0	0.0	16.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.7	
2013	3019	2,3,4,5,6	4.3	0.3	0.4	1.4	1.4	0.0	0.0	0.0	9.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.6	
2014	3247	2,3,4,5,6	6.1	0.5	0.4	2.5	1.4	0.2	0.0	0.0	7.0	3.8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.7	
2015	8416	2,3,4,5,6	3.5	0.0	0.5	1.0	2.4	0.2	0.0	0.0	7.9	3.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.8	
2016	4667	3,4,5,6	4.2	1.1	0.5	0.9	1.9	0.3	0.0	0.0	3.3	4.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.3	
85–95	1215		9.9	0.8	0.3	2.1	1.7	0.3	0.0	2.5	16.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.7	
96–98	1427		4.8	0.0	0.8	0.1	2.9	0.0	0.0	0.1	11.3	1.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.4	
99–08	818		7.9	0.0	1.7	2.6	3.6	0.2	0.0	0.0	13.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.1	
09–16	2787		8.1	0.3	0.5	2.8	2.2	0.1	0.0	0.0	12.6	3.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.8	

Appendix C4—Percent distribution of Atnarko Yearling (North/Central BC) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1993	4	2,3	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1994	57	2,3,4	1.8	10.5	0.0	0.0	1.8	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.9	
1995	339	2,3,4,5	7.7	0.0	0.0	3.2	3.5	0.0	0.0	0.0	24.5	1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.2	0.0	0.0	0.0	0.0	52.5
1996	649	3,4,5	4.8	0.5	0.2	0.3	0.6	0.0	0.0	0.0	13.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	10.6	0.0	0.0	0.0	0.0	64.1
1997	510	4,5	6.1	0.0	0.6	0.4	2.5	0.0	0.0	0.0	12.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	6.1	0.0	0.0	0.0	0.0	64.7	
1998	739	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2009	2		Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2010	32	2,3	28.1	3.1	3.1	9.4	9.4	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	40.6	
2011	97	2,3,4	21.6	5.2	2.1	5.2	5.2	0.0	0.0	0.0	0.0	1.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	39.2	
2012	927	2,3,4,5	9.9	0.8	1.3	5.0	3.0	0.0	0.0	0.0	17.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.9	0.0	0.0	0.0	0.0	48.1	
2013	2941	2,3,4,5	3.5	0.2	0.5	1.6	2.3	0.2	0.0	0.0	9.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	1.8	0.0	0.0	0.0	0.0	73.2	
2014	1351	3,4,5	8.0	0.2	0.7	4.4	2.8	0.0	0.0	0.0	9.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.2	6.3	0.0	0.0	0.0	0.0	58.7
2015	1922	4,5	2.9	0.2	0.6	0.3	2.6	0.0	0.0	0.0	9.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.9	0.0	0.0	0.0	0.0	73.9	
2016	411	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	339		7.7	0.0	0.0	3.2	3.5	0.0	0.0	0.0	24.5	1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.2	0.0	0.0	0.0	0.0	52.5	
96–98	649		4.8	0.5	0.2	0.3	0.6	0.0	0.0	0.0	13.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	10.6	0.0	0.0	0.0	0.0	64.1	
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
09–16	1740		7.2	0.4	0.8	3.7	2.7	0.1	0.0	0.0	12.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	3.0	0.0	0.0	0.0	0.0	60.0	

Appendix C5—Percent distribution of Atnarko Yearling (North/Central BC) 5-age ERA output total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC N	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1993	4	2,3	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1994	57	2,3,4	1.8	10.5	0.0	0.0	1.8	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.9			
1995	303	2,3,4,5	8.6	0.0	0.3	2.6	4.3	0.0	0.0	0.0	27.4	2.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.9		
1996	689	3,4,5,6	4.9	0.4	0.1	0.3	0.6	0.0	0.0	0.0	13.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.2		
1997	514	4,5,6	6.2	0.0	0.6	0.4	2.5	0.0	0.0	0.0	13.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.9		
1998	735	5,6	3.8	0.8	1.8	0.3	5.6	0.0	0.0	0.0	10.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.5		
1999	63	6	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2009	2	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2010	34	2,3	26.5	2.9	5.9	8.8	8.8	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2		
2011	97	2,3,4	20.6	5.2	2.1	5.2	5.2	0.0	0.0	0.0	2.1	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.2		
2012	928	2,3,4,5	9.8	0.8	1.4	4.8	3.0	0.0	0.0	0.0	17.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0		
2013	2878	2,3,4,5,6	3.4	0.2	0.5	1.7	2.3	0.2	0.0	0.0	9.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3		
2014	1425	3,4,5,6	7.9	0.2	0.7	4.1	2.8	0.0	0.0	0.0	8.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.9		
2015	1876	4,5,6	2.9	0.2	0.5	0.3	2.6	0.0	0.0	0.0	9.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.1		
2016	519	5,6	5.6	0.0	1.5	2.5	3.9	1.2	0.0	0.0	2.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.4		
85–95	303		8.6	0.0	0.3	2.6	4.3	0.0	0.0	0.0	27.4	2.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.9		
96–98	602		5.6	0.2	0.4	0.3	1.6	0.0	0.0	0.0	13.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0		
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
09–16	1777		6.0	0.3	0.8	2.7	2.7	0.1	0.0	0.0	11.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.1		

Appendix C6—Percent distribution of Big Qualicum River Fall (Lower Strait of Georgia Hatchery and Natural) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S									
79-84	1929		3.6	0.6	0.6	3.2	0.0	2.7	0.0	8.4	4.8	0.3	15.0	9.8	27.9	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	22.4					
1985	804	2,3,4,5	6.6	1.1	0.0	2.1	0.0	1.6	0.0	4.4	6.6	0.6	2.4	12.1	33.5	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.9	0.0	0.2	25.2				
1986	1346	2,3,4,5	2.9	0.4	0.0	0.7	0.0	1.4	0.0	13.6	7.8	0.8	10.0	6.9	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0		
1987	796	2,3,4,5	10.1	0.0	0.9	4.3	0.0	4.6	0.0	2.8	2.5	0.0	2.1	5.0	32.4	0.8	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9			
1988	547	2,3,4,5	2.4	1.8	0.0	2.2	0.0	2.7	0.0	1.1	8.2	0.0	1.6	3.8	45.9	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.4	28.2			
1989	632	2,3,4,5	3.5	5.1	0.8	3.5	0.0	4.9	0.0	0.5	0.8	0.0	1.9	7.0	42.2	0.3	0.0	0.0	0.0	0.0	0.0	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	26.7			
1990	781	2,3,4,5	4.5	4.4	0.0	6.5	1.7	2.9	0.0	1.5	6.1	0.0	3.6	9.7	24.8	0.1	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.5	30.6			
1991	795	2,3,4,5	2.8	3.4	0.0	2.3	0.0	1.9	0.0	1.3	2.5	0.6	5.9	4.7	44.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.0	0.0	0.9	27.8			
1992	765	2,3,4,5	3.1	5.2	2.4	5.4	0.0	3.1	0.0	5.5	1.2	1.2	9.7	3.1	38.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	18.7			
1993	523	2,3,4,5	1.3	2.3	0.0	1.7	0.0	1.7	0.0	4.2	2.3	0.0	4.2	5.7	50.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	24.7			
1994	278	2,3,4,5	5.0	0.0	0.0	1.4	1.8	2.9	0.0	1.4	3.2	0.0	5.0	1.4	32.7	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.4	41.0				
1995	248	2,3,4,5	6.9	0.0	0.0	1.6	0.0	0.0	0.0	0.0	8.1	0.0	0.0	2.8	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	49.2			
1996	371	2,3,4,5	3.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.8	0.8	0.0	0.3	56.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	36.1				
1997	234	2,3,4,5	4.3	0.0	0.0	3.4	0.0	0.0	2.1	3.4	1.7	1.7	0.9	3.0	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	44.4			
1998	209	2,3,4,5	7.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	59.3			
1999	297	2,3,4,5	6.1	2.0	0.0	3.7	2.4	0.0	0.0	3.7	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	58.9			
2000	248	2,3,4,5	16.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.9			
2001	528	2,3,4,5	5.3	10.4	0.0	0.0	9.3	0.6	0.0	0.0	0.0	0.9	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	58.1			
2002	339	2,3,4,5	10.0	0.0	2.7	4.1	0.0	1.8	3.2	0.0	0.0	3.2	0.0	5.0	13.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	51.9			
2003	259	2,3,4,5	8.5	0.4	1.9	0.0	0.0	3.5	0.0	0.0	0.0	10.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	56.0			
2004	412	2,3,4,5	8.5	0.0	1.5	5.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	64.6				
2005	600	2,3,4,5	9.7	0.3	0.0	2.0	0.0	5.3	2.8	0.0	1.0	2.5	0.0	0.0	22.2	0.5	0.7	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	49.2			
2006	625	2,3,4,5	5.1	3.7	1.4	1.6	0.0	0.6	0.0	0.0	0.0	2.9	0.0	0.0	9.6	0.0	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	73.9			
2007	622	2,3,4,5	12.2	0.6	0.6	5.3	3.2	0.6	2.3	0.0	1.0	1.3	0.0	0.0	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	55.5			
2008	447	2,3,4,5	4.9	0.9	2.9	1.8	0.0	0.9	2.9	0.0	0.0	4.0	0.0	0.4	18.8	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	55.9				
2009	557	2,3,4,5	4.7	5.6	0.0	2.0	0.0	1.4	2.5	0.0	0.0	1.6	0.0	0.0	16.2	0.5	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	62.3				
2010	476	2,3,4,5	6.3	0.2	1.5	1.7	0.0	1.1	3.8	0.0	0.0	1.5	0.0	0.0	20.6	1.9	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	59.2				
2011	523	2,3,4,5	8.0	1.7	2.1	0.0	1.3	1.1	0.0	0.0	0.0	3.8	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.1	65.6			
2012	545	2,3,4,5	7.7	1.7	0.0	3.1	1.5	2.9	0.0	0.0	0.0	2.9	0.0	0.0	26.8	0.6	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	49.9			
2013	894	2,3,4,5	1.9	1.8	0.0	1.3	0.6	0.4	2.0	0.0	0.0	1.3	0.0	0.0	26.8	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.6	0.0	0.2	61.4			
2014	1893	2,3,4,5	3.3	2.0	0.3	1.3	0.4	0.4	2.5	0.0	0.0	1.0	0.0	0.0	42.1	0.4	0.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	45.4		
2015	2071	2,3,4,5	4.9	0.6	0.4	0.9	0.2	1.1	0.6	0.0	0.1	1.9	0.0	0.0	23.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	64.8		
2016	1190	2,3,4,5	6.5	2.7	0.4	0.7	0.0	0.0	0.9	0.0	0.0	3.9	0.0	0.0	34.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.9
85-95	683		4.5	2.2	0.4	2.9	0.3	2.5	0.0	3.3	4.5	0.3	4.2	5.7	37.4	0.2	0.0	0.0	0.0	0.5	0.4	0.1	0.0	0.0	0.1	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	29.5
96-98	271		4.8	0.2	0.0	1.3	0.0	0.1	0.7	1.1	0.8	1.5	0.3	1.1	40.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.6	
99-08	438		8.7	2.0	1.1	2.4	1.5	1.5	1.1	0.4	0.2	2.5	0.0	0.5	16.2	0.1	0.2	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.5	
09-16	1019		5.4	2.0	0.6	1.4	0.5	1.1	1.5	0.0	0.0	2.2	0.0	0.0	25.6	0.5	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	0.6	57.3			

Appendix C7—Percent distribution of Chilliwack River Fall (Fraser Late) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985	2351	2,3,4	1.0	0.1	0.0	0.3	0.0	32.6	0.0	2.2	0.7	0.0	6.0	5.5	21.4	3.7	0.4	0.1	0.0	0.0	3.3	4.2	0.0	0.0	0.0	0.0	1.0	0.0	0.3	0.0	4.8	12.5	
1986	2149	2,3,4,5	0.0	0.0	0.0	0.8	0.0	20.2	0.0	2.6	1.5	0.0	9.4	11.8	18.5	2.7	0.2	0.0	0.0	0.0	3.0	7.7	0.0	0.0	0.0	0.0	1.3	0.0	0.5	0.0	1.1	18.8	
1987	2709	2,3,4,5	0.0	0.0	0.0	0.8	0.0	18.6	0.5	0.4	0.3	0.0	15.6	2.7	18.6	3.8	0.1	0.1	0.0	0.0	2.8	2.7	0.0	0.0	0.0	0.0	1.1	0.0	0.4	0.0	1.9	29.3	
1988	2450	2,3,4,5	0.4	0.1	0.0	0.2	0.0	17.6	0.0	0.0	0.1	0.0	6.3	3.7	12.8	4.0	0.1	0.1	0.0	0.0	2.7	2.7	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.3	44.5	
1989	1304	2,3,4,5	0.2	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.5	0.0	1.7	3.1	20.4	4.4	0.2	1.2	0.0	0.0	2.8	1.3	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.0	2.1	38.3	
1990	1724	2,3,4,5	0.9	0.0	0.0	0.0	0.0	10.8	2.1	0.1	1.3	0.0	3.5	1.9	17.2	6.3	0.5	0.0	0.0	0.0	8.5	7.6	0.0	0.0	0.0	0.0	1.8	1.1	0.0	0.6	0.0	4.2	31.4
1991	3103	2,3,4,5	0.2	0.1	0.0	0.4	0.0	19.4	0.5	0.2	0.8	0.0	9.1	1.8	16.1	12.9	0.2	0.4	0.0	0.0	3.6	5.2	0.0	0.0	0.0	0.0	2.4	1.5	0.0	0.6	0.0	1.0	23.5
1992	4221	2,3,4,5	0.3	0.0	0.0	0.1	0.0	19.8	0.1	0.7	0.3	0.0	6.5	0.8	10.7	8.6	0.1	0.0	0.0	0.0	0.8	3.5	0.0	0.0	0.0	0.5	1.1	0.0	0.0	0.0	1.5	44.6	
1993	2027	2,3,4,5	0.2	0.0	0.0	0.0	0.0	13.0	0.3	0.0	0.0	0.0	8.0	0.1	7.2	7.2	0.0	0.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.3	2.0	0.0	0.0	0.0	2.1	57.4	
1994	718	2,3,4,5	0.4	0.3	0.0	0.7	0.0	8.5	0.0	0.4	1.7	0.0	3.3	4.2	10.2	1.5	0.0	0.0	0.0	0.0	2.8	6.1	0.0	0.0	0.0	0.0	1.5	5.8	0.0	0.4	0.0	0.0	52.1
1995	2213	2,3,4,5	0.0	0.0	0.0	0.0	0.0	12.7	0.5	0.0	0.8	0.0	0.0	0.4	8.1	1.1	0.0	0.0	0.0	0.0	1.0	2.5	0.0	0.0	0.0	0.0	1.9	1.0	0.0	0.0	0.0	0.0	70.0
1996	1769	2,3,4,5	0.2	0.0	0.0	0.0	0.0	2.0	0.4	0.0	1.1	0.0	0.0	0.2	21.8	2.9	0.2	1.2	0.0	0.0	0.6	4.4	0.0	0.0	0.0	0.8	2.5	0.0	0.3	0.0	0.1	61.3	
1997	2408	2,3,4,5	0.5	0.0	0.0	0.1	0.0	12.7	0.9	0.3	0.6	0.0	0.6	16.4	3.3	0.1	1.3	0.1	0.0	1.7	3.9	0.0	0.0	0.0	0.0	2.6	2.5	0.0	0.5	0.0	0.0	51.7	
1998	3196	2,3,4,5	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	4.3	2.1	0.0	1.2	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.2	1.3	0.0	0.0	0.0	0.5	88.4	
1999	3370	2,3,4,5	0.1	0.0	0.0	0.2	0.0	0.3	1.4	0.0	0.0	0.0	0.0	11.4	12.8	0.5	0.5	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.4	1.6	0.0	0.6	0.0	0.3	69.3		
2000	3582	2,3,4,5	0.1	0.0	0.0	0.0	0.0	4.4	1.9	0.0	0.0	0.3	0.0	0.0	3.7	3.3	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.8	0.0	0.4	0.0	0.0	83.3	
2001	3477	2,3,4,5	0.1	0.1	0.0	0.0	0.0	4.4	1.9	0.0	0.0	0.2	0.0	0.0	11.6	6.8	0.4	0.7	0.0	0.0	0.3	6.1	0.0	0.0	0.0	0.2	15.5	0.0	0.6	0.0	0.0	51.0	
2002	5138	2,3,4,5	0.3	0.0	0.0	0.1	0.0	8.2	4.3	0.0	0.1	0.2	0.0	0.0	4.8	7.4	1.2	0.6	0.0	0.0	0.1	2.0	0.0	0.0	0.0	0.6	5.2	0.0	0.2	0.0	0.0	64.7	
2003	4945	2,3,4,5	0.1	0.0	0.0	0.0	0.0	5.4	2.2	0.0	0.0	0.2	0.0	0.0	3.5	7.6	0.4	0.5	0.0	0.0	0.2	1.2	0.0	0.0	0.0	0.3	6.1	0.0	0.0	0.0	0.6	66.7	
2004	6874	2,3,4,5	0.1	0.0	0.0	0.2	0.0	5.2	2.3	0.0	0.0	0.0	0.0	0.0	2.2	6.7	0.2	0.1	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.7	4.6	0.0	0.0	0.0	0.4	76.2	
2005	4298	2,3,4,5	0.0	0.0	0.0	0.1	0.0	7.0	3.0	0.0	0.1	0.2	0.0	0.0	4.6	3.5	0.8	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	3.2	5.6	0.0	0.6	0.0	0.0	70.1	
2006	2743	2,3,4,5	0.0	0.0	0.0	0.5	0.0	7.8	2.2	0.0	0.0	0.0	0.0	0.0	2.4	2.9	0.3	0.1	0.0	0.0	0.1	1.7	0.0	0.0	0.0	0.6	4.8	0.0	0.1	0.0	1.0	75.5	
2007	2431	2,3,4,5	0.0	0.0	0.0	0.2	0.0	6.3	2.4	0.0	0.0	0.0	0.0	0.0	1.4	2.0	0.1	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0	1.9	4.8	0.0	0.4	0.0	0.1	79.1
2008	2860	2,3,4,5	0.3	0.0	0.0	0.0	0.0	10.9	3.8	0.0	0.0	0.0	0.1	0.0	3.2	4.7	1.6	0.0	0.1	0.0	0.2	2.0	0.0	0.0	0.0	0.9	9.5	0.0	0.6	0.0	0.6	61.4	
2009	2984	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.7	2.4	0.0	0.0	0.0	0.0	0.0	4.7	0.6	0.3	0.0	0.0	0.0	0.6	3.3	0.0	0.0	0.0	0.3	14.0	0.0	0.2	0.0	1.3	67.6	
2010	6393	2,3,4,5	0.3	0.0	0.0	0.0	0.0	2.6	2.4	0.0	0.0	0.0	0.0	0.0	6.2	3.1	1.0	0.4	0.0	0.0	0.4	1.5	0.0	0.0	0.0	1.4	6.2	0.0	0.4	0.0	0.6	73.5	
2011	5881	2,3,4,5	0.0	0.0	0.0	0.1	0.0	3.7	2.4	0.0	0.0	0.2	0.0	0.9	3.8	1.3	0.6	0.0	0.0	0.0	0.3	2.7	0.0	0.0	0.0	0.7	3.0	0.0	0.5	0.0	0.0	79.8	
2012	5612	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.0	1.4	0.0	0.0	0.0	0.2	0.0	11.5	5.1	0.7	0.1	0.1	0.0	0.1	7.4	0.0	0.0	0.0	0.3	5.4	0.0	0.4	0.0	0.0	66.2	
2013	12988	2,3,4,5	0.0	0.0	0.0	0.1	0.0	2.4	2.3	0.0	0.0	0.0	0.0	0.0	1.0	9.9	5.5	1.0	0.1	0.0	0.0	0.5	3.0	0.0	0.0	0.0	1.3	5.7	0.0	0.2	0.0	0.3	66.6
2014	12001	2,3,4,5	0.1	0.0	0.0	0.0	0.0	1.4	1.3	0.0	0.0	0.1	0.0	0.0	2.3	11.6	3.5	0.6	0.1	0.0	0.0	0.6	2.0	0.0	0.0	0.0	1.4	3.9	0.0	0.2	0.0	0.3	70.6
2015	6487	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.1	0.0	0.0	1.1	11.7	3.0	0.5	0.0	0.0	0.2	0.3	1.5	0.0	0.0	0.0	3.2	6.5	0.0	0.0	0.0	1.0	69.9
2016	6898	2,3,4,5	0.1	0.0	0.0	0.0	0.0	1.1	1.8	0.0	0.0	0.0	0.2	0.0	11.7	1.9	0.4	0.1	0.0	0.0	0.7	1.1	0.0	0.0	0.0	0.8	5.8	0.0	0.0	0.0	0.3	74.1	
85–95	2270		0.3	0.1	0.0	0.3	0.0	17.9	0.4	0.6	0.7	0.0	6.3	3.3	14.6	5.1	0.2	0.2	0.0	0.0	2.8	4.0	0.0	0.0	0.0	0.9	1.7	0.0	0.3	0.0	1.9	38.4	
96–98	2458		0.4	0.0	0.0	0.0	0.0	5.0	0.4	0.1	0.6	0.1	0.0	0.3	14.2	2.8	0.1	1.2	0.0	0.0	0.8	3.1	0.0	0.0	0.0	1.2	2.1	0.0	0.3	0.0	0.2	67.1	
99–08	3972		0.1	0.0	0.0	0.1	0.0	6.0	2.5	0.0	0.0	0.1	0.0	0.0	4.9	5.8	0.6	0.2	0.0	0.0	0.1	1.7	0.0	0.0	0.0	0.9	6.0	0.0	0.3	0.0	0.8</		

Appendix C8—Percent distribution of Chilkat River total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery				ISBM Fishery								Terminal Fishery				Escapement												
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S	Stray	Esc.
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2002	76	3	Failed Criteria				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2003	341	3,4	0.9	4.1	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7		
2004	570	3,4,5	5.1	8.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.8		
2005	585	3,4,5,6	5.0	4.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.2		
2006	347	3,4,5,6	3.2	1.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8		
2007	316	3,4,5,6	6.0	8.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.7		
2008	436	3,4,5,6	3.7	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.1		
2009	567	3,4,5,6	3.5	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.5		
2010	302	3,4,5,6	4.6	10.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.8		
2011	355	3,4,5,6	7.3	7.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.2		
2012	239	3,4,5,6	7.5	11.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4		
2013	339	3,4,5,6	1.5	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.9		
2014	229	3,4,5,6	0.0	21.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.0		
2015	310	3,4,5,6	2.3	8.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.3		
2016	114	4,5,6	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.6		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
99–08	451		4.6	5.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.5		
09–16	307		3.8	8.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.3		

Appendix C9—Percent distribution of Cowichan River Fall (Lower Strait of Georgia Natural) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement									
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1987	116	2	Failed Criteria			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1988	311	3	Failed Criteria			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1989	612	2.4	1.8	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.5	1.0	0.0	5.7	9.0	48.2	1.0	0.0	0.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	4.9	0.0	0.0	1.6	0.0	0.5	20.4
1990	2032	2,3,5	0.0	0.0	0.0	0.1	0.0	2.2	0.0	1.1	2.8	0.0	13.2	7.3	57.4	0.6	0.2	0.0	0.0	0.0	1.4	2.0	0.0	0.0	0.0	0.7	0.0	0.0	0.3	0.0	0.3	10.2	
1991	4231	2,3,4	0.1	0.0	0.0	0.2	0.0	3.9	0.7	0.4	0.5	0.2	9.0	3.6	61.7	0.7	0.0	0.0	0.0	0.0	2.0	0.9	0.0	0.0	0.0	0.4	0.0	0.0	1.0	0.0	0.3	14.6	
1992	4594	2,3,4,5	0.0	0.1	0.0	0.4	0.0	8.6	0.8	1.0	0.9	0.1	17.8	3.1	53.1	0.2	0.0	0.0	0.0	0.0	0.6	1.3	0.0	0.0	0.0	0.9	0.0	0.0	0.4	0.0	0.4	10.2	
1993	4156	2,3,4,5	0.3	0.0	0.0	0.1	0.0	7.8	1.0	0.5	0.5	0.0	11.9	2.8	55.0	0.6	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	0.0	0.0	0.8	0.0	0.2	17.1	
1994	1325	2,3,4,5	0.5	0.0	0.0	0.4	0.0	3.9	0.2	0.2	2.1	0.0	4.9	5.5	43.2	0.3	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	4.2	0.5	0.0	2.4	0.0	0.6	29.5	
1995	1685	2,3,4,5	0.1	0.0	0.0	0.0	0.0	5.4	0.4	0.0	1.4	0.0	0.0	1.4	41.3	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	0.0	2.1	0.2	0.0	1.7	0.0	1.2	43.6	
1996	1362	2,3,4,5	0.2	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.4	0.0	0.0	0.4	51.3	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	4.7	0.5	0.0	0.8	0.0	1.2	34.2	
1997	917	2,3,4,5	1.0	0.0	0.0	0.0	0.0	3.3	0.9	0.0	0.3	0.4	0.0	1.0	27.5	0.0	0.0	0.0	0.0	0.0	1.7	3.5	0.0	0.0	0.0	0.3	0.4	0.0	0.9	0.0	0.8	58.0	
1998	488	2,3,4,5	3.9	0.0	0.0	0.0	0.0	0.4	1.6	0.0	0.0	0.8	0.0	0.4	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	2.9	0.0	3.7	43.6	
1999	577	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	53.0	0.9	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.2	1.6	0.0	0.6	0.0	3.5	31.7		
2000	793	2,3,4,5	0.9	0.4	0.0	0.0	0.0	1.3	4.8	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.5	0.5	0.0	4.2	0.0	1.3	59.0	
2001	781	2,3,4,5	0.3	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.1	0.0	0.0	0.0	0.0	0.1	2.8	0.0	0.0	0.0	6.5	0.0	0.0	10.6	0.0	4.2	32.4	
2002	711	2,3,4,5	1.5	0.0	0.0	0.0	0.0	3.5	1.5	0.0	0.0	1.0	0.0	0.0	38.0	0.3	0.0	0.3	0.0	0.0	0.4	6.2	0.0	0.0	0.0	8.0	2.4	0.0	3.2	0.0	2.7	30.9	
2003	374	2,3,4,5	1.9	0.3	0.0	2.7	0.0	8.6	2.9	0.3	0.0	0.0	0.0	0.0	38.2	0.5	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	4.8	1.6	0.0	7.8	0.0	2.4	24.9	
2004	353	2,3,4,5	0.0	0.3	0.0	0.8	0.0	12.5	6.8	0.0	0.0	2.0	0.0	0.0	30.9	2.5	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	1.7	0.0	0.0	9.3	0.0	7.4	23.5	
2005	337	2,3,4,5	0.0	0.3	0.0	1.2	4.2	20.2	2.1	0.0	1.5	0.0	0.0	0.0	7.1	0.3	0.6	0.0	0.0	0.0	3.3	1.8	0.0	0.0	0.0	8.3	0.0	0.0	11.9	0.0	11.0	26.4	
2006	278	3,4,5	0.0	0.0	0.0	0.7	0.0	21.6	2.2	0.0	0.0	0.0	0.0	0.0	21.2	2.9	0.7	0.0	0.0	0.0	0.7	5.4	0.0	0.0	0.0	6.8	0.0	0.0	4.7	0.0	4.7	28.4	
2007	250	2,4,5	0.0	0.0	0.8	0.0	0.0	8.8	1.6	0.0	1.6	0.0	0.0	0.0	16.8	0.4	0.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	6.0	0.0	0.0	7.6	0.0	2.0	52.8		
2008	275	2,3,5	0.0	0.0	0.4	0.0	0.0	12.0	4.4	0.0	0.0	0.0	0.0	0.0	38.2	1.1	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	5.8	0.0	0.0	5.1	0.0	4.4	28.0	
2009	596	2,3,4	0.0	0.0	0.5	0.0	0.0	5.9	6.0	0.0	0.0	0.0	0.0	0.0	42.4	0.7	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	5.7	0.0	0.0	4.2	0.0	11.4	18.0	
2010	1240	2,3,4,5	0.2	0.1	0.0	0.0	0.0	8.4	2.2	0.0	0.0	0.3	0.0	0.0	40.6	1.2	0.0	0.0	0.0	0.1	0.6	3.7	0.0	0.0	0.0	1.4	0.0	0.0	5.3	0.0	2.4	33.4	
2011	1942	2,3,4,5	0.7	0.2	0.0	0.2	0.2	5.4	3.8	0.0	0.0	1.3	0.0	0.0	20.9	1.4	0.3	0.0	0.0	0.0	0.7	6.2	0.0	0.0	0.0	2.8	0.0	0.0	4.3	0.0	1.8	49.8	
2012	3365	2,3,4,5	0.7	0.1	0.1	0.5	0.0	3.5	3.0	0.0	0.0	0.3	0.0	0.1	24.9	2.7	0.4	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	12.0	0.1	0.0	3.7	0.0	1.8	36.9	
2013	3592	2,3,4,5	0.3	0.1	0.0	0.0	0.1	2.6	3.6	0.0	0.0	0.2	0.0	0.1	33.3	2.1	0.4	0.0	0.0	0.0	1.0	5.8	0.0	0.0	0.0	2.0	0.0	0.0	5.1	0.0	4.3	39.0	
2014	2641	2,3,4,5	1.2	0.0	0.2	0.7	0.0	6.1	6.2	0.0	0.0	0.6	0.0	0.0	45.4	1.5	0.1	0.0	0.0	0.0	0.2	4.4	0.0	0.0	0.0	1.9	0.0	0.0	1.1	0.0	1.2	29.2	
2015	1276	2,3,4,5	0.8	0.5	0.0	0.2	0.0	0.5	2.4	0.0	0.0	2.0	0.0	0.0	34.3	1.3	0.0	0.0	0.0	0.0	0.2	1.9	0.0	0.0	0.0	3.8	0.0	0.0	1.3	0.0	7.9	42.9	
2016	3451	2,3,4,5	0.3	0.0	0.1	0.1	0.0	1.0	1.2	0.0	0.0	0.8	0.0	0.0	35.7	0.6	0.2	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	1.0	0.0	0.0	3.2	0.0	1.1	47.2	
85–95	3004		0.2	0.0	0.0	0.2	0.0	5.3	0.5	0.5	1.4	0.0	9.5	4.0	52.0	0.4	0.0	0.0	0.0	0.8	1.0	0.0	0.0	0.0	1.6	0.1	0.0	1.1	0.0	0.5	20.8		
96–98	922		1.7	0.0	0.0	0.0	0.0	1.3	1.2	0.0	0.3	0.4	0.0	0.6	37.6	0.0	0.0	0.0	0.0	0.6	2.8	0.0	0.0	0.0	4.5	0.3	0.0	1.5	0.0	1.9	45.3		
99–08	473		0.5	0.1	0.1	0.5	0.4	9.8	2.7	0.0	0.3	0.3	0.0	0.0	30.2	0.9	0.3	0.0	0.0	0.0	0.6	2.5	0.0	0.0	0.0	5.0	0.6	0.0	7.1	0.0	4.3	33.8	
09–16	2263		0.5	0.1	0.1	0.2	0.0	4.2	3.5	0.0	0.0	0.7	0.0	0.0	34.7	1.4	0.2	0.0	0.0	0.0	0.3	5.5	0.0	0.0	0.0	3.8	0.0	0.0	3.5	0.0	4.0	37.1	

Appendix C10—Percent distribution of Cowlitz Fall Tule (Fall Cowlitz Hatchery) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement												
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S						
79–84	574		4.9	0.0	0.1	4.6	0.0	19.6	0.0	1.7	1.0	0.2	0.0	1.4	2.0	8.4	10.5	2.9	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	9.7	1.5	2.0	28.9				
1985	729	2,3,4,5	4.0	0.8	0.0	4.5	0.0	12.9	0.0	0.0	4.5	0.0	0.0	1.1	0.4	3.4	4.8	1.8	0.8	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0	5.6	7.8	0.7	45.7				
1986	1489	2,3,4,5	0.5	0.1	0.0	0.2	0.0	14.4	0.0	0.7	0.8	0.0	0.0	1.1	0.3	6.7	5.1	7.7	0.5	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	28.8	6.6	2.4	23.2			
1987	1450	2,3,4,5	5.7	0.6	0.0	4.7	0.0	11.5	1.0	1.4	0.0	0.0	0.0	0.7	0.0	4.8	6.6	7.0	0.5	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	20.7	7.9	0.6	25.7			
1988	1538	2,3,4,5	1.8	0.6	0.0	2.1	0.0	18.1	0.0	0.0	0.1	0.0	0.0	0.6	0.0	9.3	1.6	6.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	10.1	0.5	25.6			
1989	603	2,3,4,5	3.8	0.0	0.7	4.8	0.0	7.3	0.0	0.0	0.3	0.0	0.0	1.0	0.0	8.8	3.2	10.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	6.8	7.0	0.8	45.3			
1990	292	2,3,4,5	4.5	0.0	0.0	2.4	0.0	15.8	0.0	3.1	2.7	0.0	0.0	0.7	0.0	7.5	7.5	2.1	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	6.8	41.8			
1991	147	2,3,4,5	10.9	8.2	0.0	4.1	0.0	6.1	3.4	1.4	0.0	0.0	0.0	0.0	0.0	2.7	3.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	4.8	0.0	38.1				
1992	201	2,3,4,5	2.0	0.0	0.0	0.0	0.0	20.4	0.0	2.5	0.0	0.0	0.0	0.0	2.0	8.0	5.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	51.7			
1993	353	2,3,4,5	3.7	0.0	0.0	3.1	0.0	7.9	0.0	0.0	0.8	0.0	0.0	0.0	0.0	14.4	7.6	4.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	14.4	2.3	38.0			
1994	215	2,3,4,5	5.1	0.0	0.0	1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	81.9			
1995	175	2,3,4,5	1.1	0.0	0.0	2.9	0.0	2.9	2.9	0.0	1.1	0.0	0.0	0.0	0.0	2.9	0.0	1.7	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.7	0.0	80.6			
1996	275	2,3,4,5	4.7	0.0	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.7	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	3.3	0.0	81.5			
1997	169	2,3,4,5	5.9	0.0	10.7	2.4	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.2	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	66.3			
1998	78	2,3,4,5	3.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.5			
1999	147	2,3,4,5	6.8	0.0	4.1	0.0	6.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	53.1		
2000	107	2,3,4,5	3.7	0.0	0.0	0.0	0.0	8.4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7	0.0	46.7	
2001	475	2,3,4,5	0.8	0.0	0.0	0.0	0.0	1.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6	9.7	8.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.3	0.4	68.0
2002	568	2,3,4,5	7.0	0.0	0.0	1.2	0.0	6.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	19.2	20.2	8.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.7	0.4	25.5
2003	543	2,3,4,5	5.3	0.0	0.0	1.3	0.0	9.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	9.6	6.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	5.0	2.0	38.7
2004	215	2,3,4,5	4.7	0.0	0.0	0.9	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	9.3	9.8	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	2.3	6.5	39.5	
2005	234	2,3,4,5	2.6	7.7	0.0	2.6	0.0	4.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.8	0.9	58.1	
2006	140	2,3,4,5	5.7	0.0	0.0	2.9	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	10.7	0.0	63.6	
2007	146	2,3,4,5	3.4	2.7	0.0	5.5	0.0	11.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	14.4	2.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.5
2008	197	2,3,4,5	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.1	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	9.6	1.0	66.0	
2009	463	2,3,4,5	2.6	0.0	2.2	0.0	1.1	1.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	3.2	6.3	3.9	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	6.7	1.1	65.7	
2010	630	2,3,4,5	3.3	0.5	0.0	1.1	0.3	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.3	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.3	1.3	63.5
2011	1377	2,3,4,5	1.2	0.1	0.1	0.3	0.4	1.2	0.4	0.0	0.0	0.3	0.0	0.0	0.0	1.5	2.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.1	90.5
2012	596	2,3,4,5	0.0	0.0	0.0	1.2	0.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.9	6.2	1.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	6.0	0.0	75.2
2013	735	2,3,4,5	1.6	0.0	0.0	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	4.2	4.5	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.0	1.1	82.2
2014	538	2,3,4,5	3.9	0.0	0.4	2.0	0.0	2.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.9	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	18.6	1.1	62.8	
2015	393	2,3,4,5	4.3	5.1	0.0	2.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	5.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	17.0	3.8	47.3		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	654		3.9	0.9	0.1	2.8	0.0	10.8	0.7	0.8	1.0	0.0	0.0	0.5	0.2	6.4	4.1	4.6	0.2	0.2	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	5.6	2.1	45.2		
96–98	222		5.3	0.0	5.3	1.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.2	0.0	73.9			
99–08	296		4.0	1.2</td																															

Appendix C11—Percent distribution of Dome Creek Spring (Fraser Early) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S							
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1990	41	3,4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	7.3	68.3				
1991	154	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	10.4	1.3	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	3.9	3.2	0.0	0.0	0.0	0.0	2.6	63.6		
1992	160	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	8.8	1.3	0.0	0.0	0.6	0.0	0.0	5.6	0.0	0.0	0.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3
1993	351	3,4,5,6	0.0	0.0	0.0	0.0	0.0	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	6.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9		
1994	297	3,4,5,6	0.7	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.3		
1995	525	3,4,5,6	0.0	0.0	0.0	1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.4	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	20.6	3.0	0.0	0.0	0.0	0.0	0.0	66.3		
1996	360	3,4,5,6	0.0	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	36.7	4.4	0.0	0.0	0.0	0.0	0.0	48.9		
1997	318	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	6.9	1.3	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.3			
1998	230	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.3			
1999	51	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.1			
2000	99	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.4			
2001	307	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2			
2002	138	4,5,6	0.0	0.0	0.0	14.5	0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.6			
2003	152	3,5,6	0.0	0.0	0.0	5.3	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1			
2004	6	3,4,6	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3			
2005	224	3,4,5	0.0	0.0	0.0	4.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	58.5	7.1	0.0	0.0	0.0	0.0	0.0	25.0		
2006	95	4,5,6	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.5			
2007	19	5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.1	0.0	0.0	0.0	26.3	0.0	0.0	0.0	0.0	0.0	0.0	31.6		
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
85–95	297		0.1	0.0	0.0	0.2	0.3	2.1	0.0	0.0	0.0	0.8	0.0	0.6	0.4	0.9	0.0	0.0	0.1	0.0	0.0	4.2	0.0	0.0	0.0	29.1	2.9	0.0	0.0	0.0	0.0	0.0	52.5			
96–98	303		0.0	0.0	0.0	0.2	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.4	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	0.0	38.5	3.9	0.0	0.0	0.0	0.0	0.0	48.2		
99–08	205		0.0	0.0	0.0	5.9	0.0	3.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	10.9	1.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	48.9	2.5	0.0	0.0	0.0	0.0	0.0	25.5		
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Appendix C12—Percent distribution of Elk River (Oregon Coast) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery					ISBM Fishery									Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S					
79–84	1928		3.0	0.1	0.1	4.5	0.0	6.2	0.0	0.8	0.7	0.0	0.0	0.0	0.0	1.6	0.4	8.4	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	4.4	0.0	31.5	0.0	37.9			
	1985	2,3,4,5	1.7	0.0	0.0	2.0	0.0	1.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.2	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	32.5	0.8	55.7			
	1986	925	2,3,4,5	1.6	0.0	0.0	2.7	0.0	10.9	0.3	1.8	0.0	0.0	0.0	0.0	0.3	0.5	0.2	21.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	15.0	0.1	35.6		
	1987	2024	2,3,4,5	0.8	0.0	0.0	3.5	0.0	5.7	0.0	0.7	0.0	0.0	0.0	0.0	0.4	1.1	0.1	15.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	25.0	0.0	40.4		
	1988	2093	2,3,4,5	0.4	0.0	0.0	2.7	0.0	3.7	0.0	0.1	0.0	0.0	0.1	0.0	0.5	0.0	15.7	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	35.9	0.0	39.9
	1989	1339	2,3,4,5	0.7	0.0	0.3	1.3	0.4	1.9	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.0	14.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	32.2	0.4	35.5		
	1990	542	2,3,4,5	0.9	0.0	0.0	0.0	0.0	2.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	3.7	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	38.4	0.4	41.5		
	1991	457	2,3,4,5	0.0	0.7	0.0	2.2	0.0	5.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.4	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.2	58.2
	1992	631	2,3,4,5	2.9	3.2	0.0	0.0	0.0	6.8	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	4.1	0.0	35.5	0.2	39.9		
	1993	892	2,3,4,5	2.6	0.0	0.0	2.2	0.0	5.5	0.8	0.0	0.0	0.0	0.0	0.0	0.3	1.7	0.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	21.2	0.2	46.6		
	1994	1626	2,3,4,5	3.2	0.6	0.0	1.6	0.4	2.5	0.0	0.1	0.2	0.0	0.0	0.2	0.0	0.4	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	34.3	0.2	38.9		
	1995	3321	2,3,4,5	2.1	0.2	0.5	1.1	0.2	1.9	0.2	0.0	0.5	0.0	0.0	0.1	0.0	0.2	0.0	5.5	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8.1	0.0	32.2	0.0	47.1		
	1996	5018	2,3,4,5	2.0	0.0	0.0	1.3	0.1	0.4	0.0	0.0	0.2	0.1	0.0	0.0	0.1	0.0	13.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	16.0	0.0	11.7	0.3	54.5		
	1997	4055	2,3,4,5	14.0	0.0	0.0	1.8	0.2	1.3	0.0	0.0	0.1	0.2	0.0	0.0	0.6	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	18.5	0.2	44.2			
	1998	6031	2,3,4,5	7.9	0.0	0.0	3.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	0.0	4.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	9.6	0.0	66.0		
	1999	5058	2,3,4,5	8.6	0.0	0.4	2.8	0.3	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.8	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	19.5	0.1	49.1		
	2000	4311	2,3,4,5	8.2	0.1	0.1	1.7	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	7.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	0.0	18.5	0.0	41.9		
	2001	9398	2,3,4,5	5.4	0.0	0.5	2.5	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.9	8.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	13.9	0.1	56.3		
	2002	6713	2,3,4,5	9.2	0.0	0.7	6.7	1.0	1.3	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.3	1.1	5.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	10.4	0.0	49.5	
	2003	4286	2,3,4,5	8.7	0.0	0.4	5.2	0.3	1.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	3.9	0.1	7.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	0.0	17.8	0.0	37.8		
	2004	5789	2,3,4,5	8.0	0.0	0.5	3.9	0.7	3.6	0.1	0.0	0.0	0.0	0.0	0.1	0.2	3.1	0.1	3.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	7.2	0.2	51.2		
	2005	2270	2,3,4,5	12.6	0.0	0.4	6.8	2.2	5.3	0.9	0.0	0.0	0.3	0.0	0.0	0.4	2.9	0.4	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	10.9	0.0	38.2		
	2006	2414	2,3,4,5	7.5	0.0	0.0	5.6	1.4	5.7	1.9	0.0	0.0	0.7	0.0	0.0	0.0	4.4	0.3	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0	12.2	0.0	39.4		
	2007	2212	2,3,4,5	9.6	0.1	1.0	4.7	1.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.2	4.0	0.8	5.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	0.0	18.2	0.1	34.2		
	2008	4084	2,3,4,5	4.6	0.0	0.0	3.8	1.8	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	19.7	0.0	62.8			
	2009	3268	2,3,4,5	6.8	0.0	0.1	4.4	0.6	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	15.9	0.0	67.1			
	2010	4169	2,3,4,5	5.4	0.0	0.4	4.2	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	10.7	0.0	68.0		
	2011	1932	2,3,4,5	6.9	0.0	0.5	4.5	0.4	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.1	5.2	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	18.4	0.1	42.3		
	2012	2794	2,3,4,5	2.1	0.3	0.0	2.3	0.1	3.1	2.7	0.0	0.0	0.1	0.0	0.0	0.6	6.5	0.7	3.8	0.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	12.3	0.0	15.8	0.0	48.6		
	2013	6623	2,3,4,5	2.7	0.0	0.2	3.9	0.5	0.7	1.0	0.0	0.0	0.3	0.0	0.0	0.1	8.2	0.4	4.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	11.7	0.0	51.2		
	2014	4642	2,3,4,5	8.0	0.0	0.2	5.8	0.5	2.9	0.0	0.0	0.0	0.0	0.3	0.0	0.2	3.8	0.2	5.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11.5	0.0	12.5	0.0	48.7		
	2015	6944	2,3,4,5	3.1	0.0	0.1	0.9	0.1	0.5	0.2	0.0	0.0	0.1	0.0	0.0	0.0	2.0	0.3	1.7	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	19.0	0.0	15.1	0.0	56.6		
	2016	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
85–95	1437		1.5	0.4	0.1	1.8	0.1	4.4	0.2	0.3	0.1	0.0	0.0	0.0	0.1	0.8	0.1	9.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	30.0	0.2	43.6			
96–98	5035		8.0	0.0	0.0	2.1	0.1	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.0	8.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	13.3	0.2	54.9				
99–08	4654		8.2	0.0	0.4	4.4	0.9	2.2	0.5	0.0	0.0	0.1	0.0	0.0	0.1	2.8	0.4	4.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	14.8	0.1	46.0			
09–16	4339		5.0	0.0	0.2	3.7	0.3	1.6	0.9	0.0	0.0	0.1	0.0	0.0	0.2	4.3	0.4	2.6	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	11.4	0.0						

Appendix C13—Percent distribution of Elwha River total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	262	2,3	12.2	4.6	0.0	6.1	0.0	16.0	0.0	0.4	11.5	0.0	0.0	3.4	7.3	1.1	0.8	0.0	0.0	0.0	8.4	13.7	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	13.0	
1986	717	2,3,4	24.1	2.9	0.0	2.6	0.0	17.7	1.1	1.1	4.6	0.0	0.8	1.3	6.8	1.1	0.0	0.0	0.0	0.0	3.2	14.9	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	10.2	
1987	473	2,3,4,5	16.3	0.0	0.0	5.1	0.0	15.9	1.5	2.5	4.7	0.0	0.8	0.6	11.0	2.5	0.0	0.4	0.0	0.2	2.3	19.9	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	13.3	
1988	462	2,3,4,5	5.2	0.9	0.6	3.9	0.0	15.4	6.5	1.5	0.9	0.0	0.4	0.4	2.4	4.5	0.0	0.0	0.0	1.1	0.0	9.1	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	37.2	
1989	300	3,4,5	6.3	5.7	0.0	4.3	2.0	6.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.7	0.3	0.0	0.0	6.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	45.0	
1990	40	2,4,5	0.0	0.0	0.0	12.5	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	50.0	
1991	22	2,3,5	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	4.5	0.0	0.0	0.0	4.5	9.1	0.0	0.0	0.0	0.0	45.5	13.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1992	75	2,3,4	0.0	0.0	0.0	1.3	0.0	34.7	0.0	0.0	5.3	0.0	1.3	2.7	9.3	12.0	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	
1993	153	2,3,4,5	6.5	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	2.6	0.0	21.6	2.6	0.0	0.0	0.0	0.0	0.0	28.8	4.6	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	15.0
1994	86	2,3,4,5	8.1	0.0	0.0	9.3	0.0	18.6	0.0	0.0	2.3	0.0	4.7	5.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.8
1995	152	2,3,4,5	0.0	0.0	0.0	0.0	2.6	32.2	2.6	3.9	6.6	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	36.2	
1996	316	2,3,4,5	4.1	0.0	0.0	1.6	0.0	1.6	3.2	0.0	2.8	0.0	0.0	0.0	3.8	0.6	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	74.4	
1997	193	3,4,5	14.5	0.0	0.5	1.0	0.0	4.1	0.0	0.0	4.1	0.0	0.0	0.0	6.7	1.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.4	
1998	173	4,5	13.9	0.0	2.9	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.5		
1999	27	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	376		9.7	1.6	0.1	2.7	0.8	17.1	2.0	2.0	2.8	0.0	0.8	0.4	7.0	2.5	0.1	0.1	0.0	1.2	0.9	16.7	0.8	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	26.2	
96–98	254		9.3	0.0	0.3	1.3	0.0	2.9	1.6	0.0	3.5	0.0	0.0	0.0	5.3	0.8	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	63.9	
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Appendix C14—Percent distribution of George Adams Fall Fingerling total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	N	S	T	N	S	T	N	S	T	N	S							
79–84	911		0.0	0.0	0.0	0.2	0.0	17.4	0.0	1.8	0.7	0.0	0.5	1.6	4.0	1.8	0.5	0.1	0.0	2.5	14.6	27.4	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.3	15.5			
1985	361	4,5	1.4	0.0	0.0	0.0	0.0	18.8	0.0	0.3	0.0	0.0	0.0	0.0	4.7	1.1	0.0	0.0	0.0	0.0	25.2	22.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	19.1			
1986	18	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1987	208	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1988	919	2,3	0.0	0.4	0.0	1.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	2.2	8.4	11.2	0.4	0.4	0.0	0.0	12.2	27.2	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	2.6	12.3			
1989	1905	2,3,4	0.0	0.6	0.0	0.0	0.0	10.4	1.7	0.1	0.3	0.0	0.0	4.1	3.9	13.1	0.5	0.3	0.3	0.2	14.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	1.3	1.5	10.5			
1990	1508	2,3,4,5	0.7	0.0	0.0	0.4	0.0	21.6	4.6	0.3	0.5	0.0	0.0	0.9	4.8	15.7	0.4	0.0	0.0	0.3	8.6	18.5	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.3	0.0	6.0			
1991	1161	2,3,4,5	0.2	0.0	0.0	0.0	0.0	17.1	3.4	0.0	0.0	0.0	0.0	0.3	2.5	7.3	0.0	0.3	0.0	0.0	15.8	16.5	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.7	11.5	12.0			
1992	195	2,3,4,5	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.5	0.0	0.0	4.1	1.5	15.9	0.0	0.0	0.0	0.5	32.8	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	15.4	7.2				
1993	103	2,3,4,5	0.0	0.0	0.0	0.0	0.0	22.3	4.9	0.0	0.0	0.0	1.9	0.0	2.9	7.8	0.0	0.0	0.0	0.0	4.9	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	19.4			
1994	60	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	21.7	51.7			
1995	261	2,3,4,5	0.0	0.0	0.0	0.0	0.0	9.6	3.1	0.0	2.3	0.0	0.0	1.1	5.0	0.8	0.0	0.0	0.0	0.0	0.4	28.7	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	1.1	44.8			
1996	366	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.4	4.6	0.0	2.5	0.0	0.0	0.0	13.4	5.5	0.5	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	56.0			
1997	402	2,3,4,5	2.0	0.0	0.0	0.0	0.0	4.7	1.2	0.0	0.0	0.0	0.0	0.5	4.0	2.2	0.0	0.5	0.0	0.0	0.7	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	59.5			
1998	613	2,3,4,5	0.7	0.2	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.7	1.3	0.0	0.0	0.0	0.0	0.2	24.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	7.2	62.6			
1999	967	2,3,4,5	0.4	0.0	0.0	0.0	0.0	0.7	6.6	0.0	0.0	0.0	0.0	0.0	4.6	3.8	1.2	1.2	0.0	0.0	1.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	8.3	58.8			
2000	974	2,3,4,5	0.3	0.0	0.0	0.3	0.0	19.8	8.5	0.0	0.2	0.0	0.0	0.0	2.8	3.0	0.0	0.4	0.0	0.0	0.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	38.4			
2001	1009	2,3,4,5	0.7	0.0	0.0	0.0	0.0	11.0	1.9	0.0	0.0	0.0	0.0	0.0	2.1	4.4	0.9	1.6	0.0	0.0	4.4	13.6	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.4	12.9	42.1			
2002	1040	2,3,4,5	1.5	0.0	0.0	1.3	0.0	10.3	11.1	0.0	0.0	0.0	0.0	0.0	1.8	3.9	0.8	0.5	0.2	0.0	6.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	8.9	1.8	40.4			
2003	1024	2,3,4,5	0.6	0.4	0.0	0.0	0.0	11.4	2.3	0.0	0.0	0.0	0.0	0.0	2.9	6.2	0.2	0.9	0.0	0.0	3.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	6.1	11.4	0.3	44.3			
2004	1440	2,3,4,5	0.4	0.3	0.0	0.0	0.0	14.9	3.4	0.0	0.6	0.0	0.1	0.0	2.4	5.8	0.5	0.9	0.0	0.0	6.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.2	0.8	48.7			
2005	1742	2,3,4,5	0.3	0.1	0.0	0.1	0.0	11.4	7.7	0.0	0.0	0.0	0.0	0.0	9.0	6.9	1.3	0.5	0.0	0.0	2.3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.8	1.7	40.5			
2006	1207	2,3,4,5	0.4	0.2	0.0	0.8	0.0	11.6	2.0	0.0	0.0	0.0	0.0	0.0	4.5	5.3	0.4	0.3	0.0	0.0	6.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	6.1	1.3	3.4	46.0			
2007	1897	2,3,4,5	0.3	0.8	0.0	0.0	0.0	9.6	1.7	0.0	0.0	0.0	0.0	0.0	3.1	3.5	0.2	0.3	0.0	0.0	2.2	19.6	0.0	0.0	0.0	0.0	0.0	0.0	8.6	10.7	0.3	39.1			
2008	1212	2,3,4,5	0.0	0.0	0.0	0.0	0.0	4.2	4.0	0.0	0.0	0.0	0.0	0.0	3.5	1.6	0.7	0.0	0.0	0.4	4.9	12.8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	57.9			
2009	1598	2,3,4,5	0.0	0.0	0.0	0.2	0.0	5.6	4.8	0.0	0.0	0.0	0.0	0.0	7.5	2.4	0.4	0.0	0.0	0.0	2.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.3	55.2			
2010	1940	2,3,4,5	0.2	0.0	0.0	0.0	0.0	9.5	5.5	0.0	0.0	0.0	0.0	0.0	1.8	4.7	0.4	0.2	0.0	0.2	5.1	12.3	0.0	0.0	0.0	0.0	0.0	0.0	12.7	5.5	0.1	41.9			
2011	2757	2,3,4,5	0.0	0.0	0.0	0.0	0.0	3.0	2.4	0.0	0.0	0.0	0.0	0.0	1.7	2.1	0.3	0.3	0.0	0.0	4.9	16.1	0.0	0.0	0.0	0.0	0.0	0.0	9.8	6.6	0.1	52.7			
2012	3155	2,3,4,5	0.2	0.1	0.0	0.1	0.0	2.5	3.3	0.0	0.0	0.0	0.0	0.3	2.6	5.4	1.4	0.2	0.0	0.0	7.6	15.2	0.0	0.0	0.0	0.0	0.0	0.0	14.5	6.9	0.8	39.0			
2013	1979	2,3,4,5	0.0	0.5	0.0	0.2	0.0	3.4	4.3	0.0	0.0	0.0	0.0	0.0	4.2	5.1	1.0	0.3	0.0	0.0	3.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	6.3	8.2	2.0	53.7			
2014	1082	2,3,4,5	0.3	0.4	0.0	1.6	0.0	3.9	5.8	0.0	0.0	0.2	0.0	0.0	4.7	1.7	1.3	0.0	0.0	0.0	12.5	17.4	0.0	0.0	0.0	0.0	0.0	0.0	22.8	2.9	1.3	23.4			
2015	1460	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	0.3	0.0	0.0	4.0	6.6	0.5	0.0	0.0	0.0	5.8	12.1	0.0	0.0	0.0	0.0	0.0	0.0	23.8	6.8	0.9	37.5			
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	1006		0.2	0.1	0.0	0.1	0.0	14.4	2.6	0.1	0.7	0.0	0.0	2.1	3.6	10.6	0.2	0.1	0.1	0.1	8.0	22.9	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.5	5.9	16.1			
96–98	460		0.9	0.1	0.0	0.0	0.0	2.1	2.3	0.0	0.8	0.0	0.0	0.2	6.0	3.0	0.2	0.2	0.0	0.0	0.3	21.6	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	2.6	59.4			
99–08	1251		0.5	0.2	0.0	0.3	0.0	10.5	4.9	0.0	0.1	0.0	0.0	0.0	3.7	4.4	0.6	0.7	0.0	0.0	3.9	11.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6	5.0	3.4	45.6			
09–16	1996		0.1	0.1	0.0	0.3	0.0	4.1	3.8	0.0	0.0	0.1	0.0	0.0	3.8	4.0	0.8	0.1	0.0	0.0	6.0	14.1	0.0	0.0	0.0	0.0									

Appendix C15—Percent distribution of Hanford Wild Brights total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S					
79–84	NA	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1988	95		Failed Criteria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1989	113	2,3	9.7	0.0	0.0	10.6	0.0	8.8	5.3	2.7	1.8	0.0	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4	12.4	0.0	18.6					
1990	476	2,3,4	8.8	0.8	0.2	5.0	0.0	8.8	3.6	0.4	0.4	0.0	0.0	0.2	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	5.9	0.0	43.5					
1991	614	2,3,4,5	10.7	0.0	1.5	10.6	0.5	5.2	0.0	0.2	0.0	0.0	0.0	0.0	1.0	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	3.7	0.0	42.7				
1992	364	2,3,4,5	15.9	15.4	1.4	6.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	1.4	0.0	28.0				
1993	413	2,3,4,5	18.9	0.0	2.2	3.1	1.2	6.1	1.9	0.0	0.5	0.0	0.0	1.7	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	6.8	1.2	37.0				
1994	768	2,3,4,5	17.1	3.1	0.0	5.5	0.0	4.7	0.0	0.3	1.0	0.0	0.0	0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	12.0	0.0	50.1				
1995	688	2,3,4,5	13.4	0.0	4.2	5.5	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	6.8	0.0	57.8				
1996	623	2,3,4,5	13.2	0.0	0.0	0.8	0.0	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	7.5	0.0	50.1				
1997	647	2,3,4,5	16.8	1.1	1.1	3.1	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	7.1	0.0	52.4				
1998	332	2,3,4,5	13.9	0.0	0.0	11.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	6.3	0.0	50.6				
1999	276	2,3,4,5	13.4	0.4	2.2	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	5.8	0.0	54.0				
2000	230	2,3,4,5	20.9	0.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	5.2	0.0	43.5				
2001	354	2,3,4,5	5.9	0.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	14.4	0.0	55.9				
2002	883	2,3,4,5	17.8	0.0	1.1	0.8	0.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	10.6	1.9	53.1			
2003	1544	2,3,4,5	13.7	0.0	0.9	4.1	1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.0		
2004	1889	2,3,4,5	18.8	2.1	2.5	6.6	3.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.3	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	4.0	0.0	45.7			
2005	461	2,3,4,5	13.2	0.0	0.0	8.9	3.0	4.1	0.9	0.0	0.0	0.0	0.0	0.0	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0		
2006	563	2,3,4,5	19.2	0.0	0.9	5.2	0.0	2.7	2.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2		
2007	313	2,3,4,5	22.7	0.0	2.6	7.0	7.3	2.6	0.0	0.0	1.3	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.9		
2008	218	2,3,4,5	33.9	0.0	4.1	1.4	1.8	3.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5		
2009	228	2,3,4,5	21.9	0.0	0.9	3.9	2.2	1.3	2.6	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4		
2010	504	2,3,4,5	16.3	0.0	4.6	8.3	3.8	0.8	1.4	0.0	0.0	0.0	0.0	0.0	1.4	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.7		
2011	553	2,3,4,5	20.8	0.7	0.0	1.8	5.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.2	0.7	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7		
2012	659	2,3,4,5	16.2	0.9	1.8	5.3	2.4	5.8	5.6	0.0	0.0	0.0	0.0	0.0	4.7	0.3	0.5	0.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2		
2013	1662	2,3,4,5	7.5	0.0	0.8	4.6	1.4	1.4	1.9	0.0	0.0	0.3	0.0	0.0	0.8	1.3	0.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0		
2014	2239	2,3,4,5	13.7	0.4	1.1	4.6	0.8	2.6	1.3	0.0	0.0	0.7	0.0	0.0	0.6	1.3	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.4		
2015	2122	2,3,4,5	14.1	1.8	1.1	2.5	3.5	0.6	1.4	0.0	0.0	0.4	0.0	0.0	0.2	1.8	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.4		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
85–95	554		14.1	3.2	1.6	6.0	0.3	7.2	0.9	0.1	0.3	0.0	0.0	0.4	0.2	0.9	0.3	0.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	6.1	0.2	43.2
96–98	534		14.6	0.4	0.4	5.1	1.2	0.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0		
99–08	673		17.9	0.3	1.8	4.7	1.7	1.8	0.5	0.0	0.1	0.0	0.0	0.0	0.0	0.5	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.3		
09–16	1138		15.8	0.5	1.5	4.4	2.7	2.1	2.0	0.0	0.0	0.2	0.0	0.0	0.9	1.5	0.4	0.9	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.1		

Appendix C16—Percent distribution of Harrison River (Fraser Late) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
T			N			T		S		T			N			T		S		T		N		T			N		S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1985	1757	2,3,4	0.2	0.0	0.0	1.1	0.0	22.9	0.4	1.7	1.3	0.0	7.7	3.2	24.5	0.9	0.2	0.2	0.0	0.0	3.0	3.2	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	0.0	28.9	
1986	960	2,3,4,5	1.6	0.0	0.0	0.4	0.0	17.7	0.4	2.7	1.6	0.3	18.8	9.3	23.3	0.0	0.0	0.0	0.0	0.0	0.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	18.8	
1987	584	2,3,4,5	0.9	0.0	0.0	0.0	0.0	9.4	0.0	0.5	1.5	0.0	8.9	4.6	26.0	3.3	0.3	0.0	0.0	0.0	5.7	2.2	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	34.6	
1988	1662	2,3,4,5	0.4	0.0	0.6	0.0	0.0	3.5	2.0	1.0	1.6	0.0	9.9	5.7	31.8	3.4	0.0	0.7	0.0	0.0	6.7	5.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	27.0	
1989	2450	2,3,4,5	0.2	0.0	0.0	0.3	0.0	24.2	0.9	0.7	0.3	0.0	5.4	5.5	23.0	5.5	0.2	0.8	0.0	0.0	4.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	24.1	
1990	2995	2,3,4,5	0.5	0.0	0.0	0.8	0.0	19.5	1.2	0.7	0.5	0.0	4.3	1.0	11.4	5.9	0.1	0.0	0.0	0.0	2.5	5.8	0.0	0.0	0.0	1.3	0.3	0.0	0.1	0.0	0.0	44.1	
1991	1704	2,3,4,5	0.0	0.1	0.0	0.0	0.0	27.6	0.0	0.2	1.2	0.0	8.3	2.9	12.8	10.5	0.0	0.9	0.0	0.0	2.0	4.6	0.0	0.0	0.0	1.2	0.4	0.0	0.0	0.0	0.0	27.3	
1992	1732	2,3,4,5	0.0	0.0	0.0	0.4	0.0	18.1	0.0	0.1	0.2	0.0	12.9	1.2	12.0	11.0	0.0	0.2	0.0	0.0	1.0	7.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	35.1	
1993	1139	2,3,4,5	1.0	0.0	0.0	0.3	0.0	19.1	0.0	0.4	0.3	0.0	6.5	0.8	7.3	9.0	0.0	1.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	2.0	0.0	0.0	0.6	0.0	0.0	49.7	
1994	422	2,3,4,5	0.0	0.0	0.0	0.0	0.0	20.6	2.4	0.0	0.5	0.0	10.2	3.3	7.3	2.4	0.0	0.9	0.0	0.0	2.8	2.4	0.0	0.0	0.0	1.9	0.9	0.0	0.0	0.0	0.0	44.3	
1995	435	2,3,4,5	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0	1.8	0.0	0.0	0.7	17.9	6.4	0.5	1.4	0.0	0.0	3.0	3.7	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	0.0	39.3	
1996	1209	2,3,4,5	0.0	0.2	0.0	0.0	0.0	1.6	0.2	0.0	0.4	0.0	0.0	0.1	23.2	3.4	0.0	0.7	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	61.7	
1997	851	2,3,4,5	1.5	0.0	0.0	0.0	0.0	13.2	3.4	0.0	0.7	0.0	0.1	0.7	19.2	6.8	0.0	3.1	0.0	0.0	2.7	6.5	0.0	0.0	0.0	2.2	0.0	0.0	0.4	0.0	0.0	39.6	
1998	1176	2,3,4,5	0.9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	4.0	0.0	1.1	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.9	88.4	
1999	1249	2,3,4,5	0.2	0.4	0.0	0.5	0.0	0.6	1.3	0.2	0.0	0.0	0.0	0.0	10.2	13.5	0.4	0.7	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.6	0.2	0.0	0.7	0.0	0.0	68.5	
2000	584	2,3,4,5	1.7	0.0	0.0	0.5	0.0	13.7	4.3	0.0	0.0	0.0	0.0	0.0	11.6	13.0	0.0	2.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	51.5	
2001	941	2,3,4,5	0.3	0.0	0.0	0.0	0.0	6.1	2.1	0.0	0.0	0.0	0.0	0.0	6.5	5.4	1.6	1.4	0.0	1.0	0.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.2	
2002	500	2,3,4,5	0.4	0.0	0.0	0.0	0.0	8.8	2.2	0.0	0.0	0.0	0.0	0.0	5.4	7.8	10.6	1.2	0.4	0.0	0.0	0.6	2.2	0.0	0.0	0.0	0.8	0.0	0.0	1.6	0.0	0.2	57.8
2003	416	2,3,4,5	1.7	0.0	0.0	0.0	0.0	10.8	3.8	0.0	0.0	0.0	0.0	0.0	6.7	9.4	1.4	0.0	0.0	0.0	0.2	1.7	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.5	61.8	
2004	571	2,3,4,5	1.2	0.0	0.0	0.9	0.0	17.7	6.5	0.0	0.0	0.0	0.0	0.0	0.7	15.9	0.5	0.0	0.0	0.0	0.2	3.3	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	50.6	
2005	726	2,3,4,5	0.0	0.0	0.0	0.3	0.0	14.3	4.1	0.0	0.0	0.0	0.0	0.0	6.9	6.2	2.6	0.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	5.1	0.0	0.0	0.4	0.0	1.2	58.0	
2006	410	3,4,5	1.0	0.0	0.0	0.7	0.0	20.5	5.9	0.0	0.0	0.0	0.0	0.0	2.9	13.7	1.0	1.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.7
2007	975	2,4,5	0.0	0.0	0.0	0.0	0.0	9.4	1.0	0.0	0.0	0.0	0.0	0.0	3.2	1.1	0.1	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.0	
2008	864	2,3,5	0.3	0.2	0.0	0.0	0.0	25.3	9.7	0.0	0.0	0.0	0.1	0.0	7.5	4.9	1.2	0.0	0.0	0.0	1.5	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.3	0.0	0.0	46.9	
2009	2190	2,3,4	0.0	0.0	0.0	0.2	0.0	1.5	3.7	0.0	0.0	0.0	0.0	0.0	4.4	1.2	0.2	0.0	0.0	0.0	0.1	1.8	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	84.3	
2010	2004	2,3,4,5	0.6	0.0	0.0	0.2	0.0	3.9	3.7	0.0	0.0	0.2	0.0	0.0	5.5	4.0	1.1	0.0	0.0	0.0	0.4	2.0	0.0	0.0	0.0	1.0	0.3	0.0	0.1	0.0	0.0	76.5	
2011	2728	2,3,4,5	0.3	0.0	0.0	0.1	0.4	3.3	5.3	0.0	0.0	0.1	0.0	0.8	5.1	3.1	0.6	0.0	0.0	0.0	0.4	2.1	0.0	0.0	0.0	1.4	0.0	0.0	0.1	0.0	0.0	76.9	
2012	2090	2,3,4,5	0.2	0.0	0.0	0.0	0.0	1.3	0.7	0.0	0.0	0.0	0.1	0.0	9.6	3.4	0.5	0.2	0.0	0.0	0.1	5.0	0.0	0.0	0.0	0.3	0.9	0.0	0.1	0.0	0.0	77.4	
2013	3463	2,3,4,5	0.0	0.1	0.1	0.0	0.1	2.0	2.3	0.0	0.0	0.1	0.0	1.0	7.2	5.1	0.9	0.3	0.0	0.0	0.3	3.8	0.0	0.0	0.0	0.9	0.1	0.0	0.1	0.0	1.3	74.6	
2014	2265	2,3,4,5	0.5	0.0	0.1	0.0	0.0	3.9	0.9	0.0	0.0	0.0	0.0	2.0	13.2	5.2	0.8	0.8	0.0	0.0	0.5	2.1	0.0	0.0	0.0	3.4	0.0	0.0	0.1	0.0	0.0	66.3	
2015	1891	2,3,4,5	0.1	0.1	0.0	0.4	0.0	0.9	1.0	0.0	0.0	0.0	0.1	1.2	12.5	3.5	0.0	0.8	0.0	0.0	0.3	2.0	0.0	0.0	0.0	2.0	0.4	0.0	0.0	0.0	0.0	74.7	
2016	2608	2,3,4,5	0.4	0.2	0.0	0.3	0.0	0.6	2.3	0.0	0.0	0.0	0.2	0.0	7.2	1.2	0.4	0.1	0.0	0.0	0.8	2.0	0.0	0.0	0.0	1.7	0.5	0.0	0.0	0.0	0.9	81.3	
85–95	1440		0.4	0.0	0.1	0.3	0.0	18.2	0.7	0.7	1.0	0.0	8.4	3.5	17.9	5.3	0.1	0.6	0.0	0.0	2.8	4.1	0.0	0.0	0.0	0.8	0.4	0.0	0.3	0.0	0.4	33.9	
96–98	1079		0.8	0.1	0.0	0.0	0.0	5.1	1.2	0.0	0.4	0.0	0.0	0.3	15.3	4.7	0.0	1.6	0.0	0.0	1.0	4.9	0.0	0.0	0.0	0.9	0.1	0.0	0.1	0.0	0.3	63.2	
99–08	724		0.7	0.1	0.0	0.3	0.0	12.7	4.1	0.0	0.0	0.0	0.6	0.4	9.4	1.0	0.6	0.0	0.0	0.1													

Appendix C17—Percent distribution of Hoko Fall Fingerling total fishing mortalities among fisheries and escapement.

Appendix C18—Percent distribution of Kitsumkalum River Summer (North/Central BC) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	T	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S					
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	194	4,5,6	28.9	0.0	1.5	7.7	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1986	216	3,5,6	10.2	0.0	0.0	13.9	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.8	
1987	263	3,4,6	13.3	0.0	2.7	9.9	0.4	0.0	0.0	0.0	7.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.7	
1988	201	3,4,5	24.4	1.5	4.5	7.5	0.5	0.0	0.0	0.0	18.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.3	
1989	850	3,4,5,6	14.1	0.7	6.9	5.2	1.6	0.0	0.0	0.0	10.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.6	
1990	636	3,4,5,6	11.8	0.0	3.1	7.9	0.8	0.0	0.0	0.3	6.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.8	
1991	335	3,4,5,6	19.7	0.0	4.2	10.7	3.9	0.0	0.0	0.9	14.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.7	
1992	692	3,4,5,6	15.2	0.0	1.9	7.9	3.6	0.4	0.0	0.0	9.1	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.7	
1993	241	3,4,5,6	11.6	2.1	2.1	11.2	2.9	0.0	0.0	0.0	17.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.0	
1994	131	3,4,5,6	13.7	0.0	0.0	6.1	3.8	0.0	0.0	0.0	18.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.7	
1995	202	3,4,5,6	13.4	0.0	3.5	10.4	2.5	0.0	0.0	0.0	26.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	
1996	537	3,4,5,6	10.6	0.2	6.9	0.2	0.4	0.0	0.0	0.0	17.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	
1997	647	3,4,5,6	12.2	0.0	9.0	0.0	3.6	0.0	0.0	0.0	7.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4	
1998	504	3,4,5,6	10.5	0.0	3.4	0.0	0.4	0.0	0.0	0.0	1.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.4	
1999	727	3,4,5,6	12.8	0.0	10.0	0.0	11.4	0.0	0.0	0.0	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.8	
2000	354	3,4,5,6	9.0	0.0	10.2	0.0	8.2	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.1	
2001	567	3,4,5,6	12.2	0.0	10.9	0.7	0.0	0.0	0.0	0.0	10.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.6	
2002	1036	3,4,5,6	14.4	0.4	5.2	1.8	6.0	0.0	0.0	0.0	3.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.3	
2003	628	3,4,5,6	15.8	0.0	1.3	5.9	2.7	0.0	0.0	0.0	0.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.2	
2004	937	3,4,5,6	8.1	3.4	4.7	0.9	10.7	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.9	
2005	307	3,4,5,6	18.9	0.0	2.9	3.3	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.6	
2006	316	3,4,5,6	13.9	3.8	4.1	2.8	6.3	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.9	
2007	555	3,4,5,6	13.3	0.9	5.4	1.6	6.5	0.0	0.0	0.0	2.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	
2008	543	3,4,5,6	7.0	0.2	4.1	2.6	6.8	0.0	0.0	0.0	11.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.3	
2009	707	3,4,5,6	12.7	2.5	5.2	1.3	4.2	0.4	0.0	0.0	0.7	3.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.3	
2010	1011	3,4,5,6	5.3	0.5	4.1	2.4	5.5	0.0	0.0	0.0	0.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.7	
2011	538	3,4,5,6	12.1	0.0	0.9	1.9	3.9	0.0	0.0	0.0	6.7	10.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.9	
2012	292	3,4,5,6	14.7	1.0	1.7	1.0	4.5	0.0	0.0	0.0	1.4	5.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.8	
2013	232	3,4,5,6	10.8	0.0	3.4	6.5	1.3	0.0	0.0	0.0	0.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.1	
2014	250	3,4,5,6	11.6	0.4	2.0	1.6	3.2	0.0	0.0	0.0	1.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.4	
2015	480	3,4,5,6	10.8	7.5	2.1	2.7	3.1	0.0	0.0	0.0	1.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.3	
2016	586	4,5,6	8.9	5.1	1.4	1.4	3.6	0.0	0.0	0.0	0.7	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3	
85–95	360		16.0	0.4	2.8	8.9	1.8	0.0	0.0	0.1	13.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.0
96–98	563		11.1	0.1	6.4	0.1	1.4	0.0	0.0	0.0	8.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.6	
99–08	597		12.5	0.9	5.9	2.0	6.7	0.0	0.0	0.0	4.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.2	
09–16	512		10.9	2.1	2.6	2.3	3.7	0.1	0.0	0.0	1.7	7.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.9

Appendix C19—Percent distribution of Kitsumkalum Yearling (North/Central BC) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US		
T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S	
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2002	12	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2003	81	3,4	38.3	1.2	16.0	13.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2
2004	1099	3,4,5	15.3	0.3	2.9	2.5	5.6	0.0	0.0	0.0	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.1	
2005	767	3,4,5,6	22.7	0.0	7.7	3.8	2.3	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.4	
2006	632	3,4,5,6	15.0	1.9	2.8	2.7	6.8	0.0	0.0	0.0	4.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.3	
2007	1014	3,4,5,6	16.5	5.8	2.7	1.3	5.3	0.2	0.0	0.0	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.2	
2008	964	4,5,6	10.2	0.0	5.8	0.6	7.7	0.0	0.0	0.0	20.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.3	
2009	769	3,5,6	12.2	0.0	6.5	1.0	4.2	0.0	0.0	0.0	0.3	4.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.3	
2010	489	3,4,6	10.2	0.2	2.2	2.0	2.7	0.0	0.0	0.0	2.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.7	
2011	301	3,4,5	18.9	1.0	1.7	3.0	3.7	0.0	0.0	0.0	3.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.1	
2012	391	3,4,5,6	22.8	0.0	1.5	0.8	1.0	0.0	0.0	0.0	1.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.1	
2013	335	3,4,5,6	6.9	0.3	0.9	1.2	2.7	0.0	0.0	0.0	0.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.0	
2014	493	3,4,5,6	20.7	1.6	1.2	2.2	1.2	0.0	0.0	0.0	2.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.9	
2015	1339	3,4,5,6	9.3	1.0	3.6	1.2	5.4	0.0	0.0	0.0	1.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.5	
2016	449	4,5,6	5.8	7.6	3.6	3.8	4.7	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.9	
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99–08	895		15.9	1.6	4.4	2.2	5.6	0.0	0.0	0.0	6.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.2	
09–16	571		13.4	1.5	2.7	1.9	3.2	0.0	0.0	0.0	1.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.5	

Appendix C20—Percent distribution of Lower River Hatchery Tule (Lower Bonneville Hatchery) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S					
79-84	2198		0.1	0.0	0.0	0.1	0.0	35.5	0.2	1.8	0.3	0.0	0.1	1.8	1.7	15.1	5.9	2.3	0.2	0.4	0.8	4.7	0.0	0.0	0.0	0.0	0.0	6.6	0.4	0.1	22.0				
1985	1090	2,3,4,5	0.0	0.0	0.0	0.0	0.0	30.2	0.7	0.8	0.4	0.0	0.0	1.1	1.1	13.2	3.1	4.3	0.7	0.3	1.2	1.6	0.0	0.0	0.0	0.0	0.0	2.3	0.6	0.0	38.4				
1986	1795	2,3,4,5	0.0	0.0	0.0	0.0	0.0	8.7	2.3	0.0	0.6	0.0	0.0	6.5	2.8	3.4	1.6	2.6	0.3	0.0	1.1	22.7	0.0	0.0	0.0	0.0	0.0	7.3	4.6	0.2	35.4				
1987	8842	2,3,4,5	0.0	0.0	0.0	0.2	0.0	33.6	2.0	2.0	0.0	0.0	0.0	0.2	0.6	11.1	3.0	6.0	0.7	0.4	0.6	1.5	0.0	0.0	0.0	0.0	0.0	16.4	3.5	0.2	17.8				
1988	2667	2,3,4,5	0.3	0.0	0.0	0.3	0.0	32.0	1.9	0.6	0.0	0.0	0.0	0.0	1.6	8.7	0.8	2.6	0.1	0.5	0.3	0.5	0.0	0.0	0.0	0.0	0.0	22.2	1.8	1.2	24.5				
1989	273	2,3,4,5	0.0	0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0	14.7	1.5	9.5	0.7	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	5.5	0.7	0.0	45.8				
1990	322	2,3,4,5	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.3	0.0	0.0	1.6	0.0	14.6	6.2	3.7	0.9	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.3	2.5	0.0	45.0				
1991	488	2,3,4,5	0.0	0.0	0.0	0.0	0.0	12.3	2.5	0.2	0.0	0.0	0.0	2.5	0.8	8.6	3.1	2.5	1.4	0.0	0.2	2.7	0.0	0.0	0.0	0.0	0.0	1.8	9.0	0.0	52.5				
1992	1314	2,3,4,5	0.0	0.0	0.0	0.0	0.0	19.9	1.8	0.6	0.0	0.0	0.0	0.8	0.0	25.1	3.8	4.9	1.7	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.7	3.0	0.0	35.5				
1993	528	2,3,4,5	0.0	0.0	0.0	0.0	0.0	21.0	4.4	0.8	0.0	0.0	0.0	0.0	0.0	15.2	2.3	5.5	0.2	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	1.9	4.2	0.0	40.2				
1994	31	2,3,4,5	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.1				
1995	30	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	10.0	0.0	86.7			
1996	68	2,3,4,5	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	5.9	0.0	2.9	75.0	
1997	223	2,3,4,5	0.0	0.0	0.0	0.0	0.0	22.0	3.6	0.0	0.0	0.0	0.0	0.0	2.2	3.1	3.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	8.1	1.8	49.8
1998	111	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.9	10.8	0.0	0.0	4.5	0.0	0.0	0.0	0.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	19.8	0.9	58.6
1999	331	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.5	2.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.3	0.0	68.3
2000	273	2,3,4,5	0.0	0.0	0.0	0.0	0.0	16.8	12.8	0.0	0.0	0.0	0.0	0.0	1.8	2.2	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.9	0.0	57.5	
2001	1218	2,3,4,5	0.0	0.0	0.0	0.0	0.0	8.8	2.4	0.0	0.0	0.0	0.0	0.0	0.2	7.9	2.8	12.5	0.7	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.3	0.9	57.1	
2002	2015	2,3,4,5	0.4	0.0	0.0	0.0	0.0	9.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	17.5	5.7	3.5	1.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	2.6	0.0	49.5
2003	2122	2,3,4,5	0.0	0.0	0.0	0.0	0.0	13.1	5.7	0.0	0.0	0.0	0.0	0.0	0.4	10.9	5.9	3.9	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	1.9	0.0	51.3
2004	1618	2,3,4,5	0.5	0.0	0.0	0.3	0.0	21.3	8.8	0.0	0.0	0.0	0.0	0.0	0.7	4.5	3.5	4.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	1.2	0.0	39.7
2005	617	2,3,4,5	0.0	0.0	0.0	0.3	0.0	29.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.2	0.0	38.6
2006	87	2,3,4,5	0.0	0.0	0.0	0.0	0.0	16.1	14.9	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	1.1	0.0	56.3
2007	162	2,3,4,5	0.0	0.6	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	6.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.5	0.0	72.2	
2008	388	2,3,4,5	0.0	0.0	0.0	0.0	0.0	11.3	8.0	0.0	0.0	0.0	0.0	0.0	1.8	4.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	3.1	0.0	41.5
2009	586	2,3,4,5	0.0	0.0	0.0	0.0	0.0	4.3	8.2	0.0	0.0	0.0	0.0	0.0	3.8	4.1	4.9	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	2.6	0.0	37.2	
2010	1590	2,3,4,5	0.1	0.0	0.0	0.3	0.0	6.7	6.3	0.0	0.0	0.0	0.0	0.0	2.9	14.9	5.4	3.8	0.0	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.8	3.1	0.0	29.2
2011	840	2,3,4,5	0.0	0.0	0.0	0.0	0.0	9.4	6.4	0.0	0.0	1.0	0.0	0.0	0.5	4.8	7.5	2.3	0.4	2.3	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	3.1	0.0	42.3	
2012	863	2,3,4,5	0.0	0.0	0.0	0.5	0.0	3.0	8.1	0.0	0.0	0.0	0.0	0.0	1.3	9.3	13.1	6.8	1.5	0.2	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	2.7	0.0	35.3	
2013	714	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.2	3.2	0.0	0.0	0.6	0.0	0.0	3.1	6.7	6.2	2.1	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	4.2	0.0	44.4	
2014	2470	2,3,4,5	0.0	0.1	0.1	0.0	0.0	6.1	3.1	0.0	0.0	0.0	0.1	0.0	3.2	15.6	13.3	7.9	1.1	0.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	3.2	0.2	29.0	
2015	1458	2,3,4,5	0.3	0.0	0.0	0.2	0.0	5.1	2.0	0.0	0.0	0.3	0.0	0.0	2.1	17.2	9.0	5.7	0.2	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	2.5	0.0	40.5	
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85-95	1924		0.0	0.0	0.0	0.1	0.0	22.0	1.7	0.6	0.1	0.0	0.0	1.6	0.8	12.7	2.8	4.6	0.8	0.1	0.4	4.5	0.0	0.0	0.0	0.0	0.0	6.5	3.3	0.2	37.2				
96-98	167		0.0	0.0	0.0	0.0	0.0	11.4	7.2	0.0	0.0	2.3	0.0	0.0	1.1	2.0	2.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	13.9	1.3	54.2
99-08	972		0.1	0.1	0.0	0.1	0.0	13.7	6.4	0.0	0.0	0.0	0.0	0.5	7.2	3.4	3.1	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	8.5	2.8	0.1	52.9					
09-16	1217		0.1	0.0	0.0	0.1	0.0	5.3	5.3	0.0	0.0	0.3	0.0	0.0	2.4	10.4	8.5	4.1	0.4	0.4	4.4	0.0	0.0	0.0	0.0	0.0	18.3	3.0	0.0	36.8					

Appendix C21—Percent distribution of Lewis River Wild (Lewis River Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	Stray	Esc.				
79–84	1078		7.6	0.4	0.1	3.5	0.0	9.1	0.0	1.6	0.4	0.0	0.2	0.7	1.1	2.7	5.3	0.8	0.0	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	4.2	14.0	2.0	45.0			
1985	343	2,3	2.3	0.6	0.0	6.7	0.0	9.9	0.3	0.3	1.5	0.0	0.0	3.8	0.0	0.3	2.0	0.3	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	14.3	20.1	7.9	29.2				
1986	673	2,3,4	6.2	0.0	0.0	2.5	0.0	8.3	2.5	2.4	0.9	0.0	0.0	0.0	0.0	1.6	0.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.1	11.3	0.9	35.7			
1987	1163	2,3,4,5	5.6	0.0	0.0	5.5	0.0	9.7	1.0	1.5	0.0	0.0	0.0	0.0	1.1	0.9	1.7	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	23.9	5.0	2.3	41.2			
1988	984	2,3,4,5	5.3	0.0	0.0	3.6	0.0	10.9	0.0	0.0	0.5	0.0	0.0	0.1	0.0	3.9	0.6	1.0	0.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	21.6	14.1	1.9	34.7		
1989	1343	2,3,4,5	2.4	0.7	0.2	5.1	0.4	6.0	0.0	0.2	0.7	0.0	0.0	0.8	0.5	3.1	0.7	2.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	6.6	4.5	56.7		
1990	1203	2,3,4,5	7.3	0.0	0.0	1.9	0.0	13.4	0.0	0.4	0.6	0.6	0.0	0.0	0.8	2.7	1.8	1.5	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.2	1.7	60.7		
1991	910	2,3,4,5	7.0	0.2	0.0	4.2	1.2	6.5	0.0	0.4	0.0	0.0	0.0	0.7	0.0	1.3	0.5	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	6.0	1.3	53.5		
1992	572	2,3,4,5	1.9	0.0	0.0	4.2	0.0	6.8	0.0	1.9	0.0	0.0	0.0	0.0	0.9	1.2	0.3	1.9	0.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	21.9	2.3	50.9		
1993	404	2,3,4,5	4.2	0.0	1.0	5.9	0.0	8.7	0.0	0.0	0.2	0.0	0.0	1.5	0.0	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	8.7	5.7	55.7		
1994	264	2,3,4,5	8.7	0.0	0.0	4.9	0.0	3.8	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.8	75.0		
1995	551	2,3,4,5	7.4	0.0	2.2	4.0	0.0	6.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.3	2.4	52.8		
1996	330	2,3,4,5	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.5	0.3	82.1			
1997	234	3,4,5	15.4	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	76.9			
1998	101	2,4,5	7.9	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	8.9	74.3		
1999	62	2,3,5	17.7	0.0	1.6	8.1	0.0	1.6	1.6	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	66.1			
2000	72	2,3,4	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	2.8	6.9	65.3	
2001	239	2,3,4,5	5.9	0.0	2.5	0.0	0.0	8.8	3.8	0.0	0.0	0.0	0.0	0.0	5.0	2.1	1.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.9	2.9	61.9	
2002	386	2,3,4,5	15.0	0.0	1.0	0.0	0.0	5.7	5.7	0.0	0.0	0.0	0.0	0.0	2.8	2.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.3	3.9	53.1	
2003	477	2,3,4,5	10.7	0.0	0.0	1.7	1.3	4.8	1.3	0.0	0.0	0.0	0.0	0.0	6.1	1.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	5.9	1.3	55.3	
2004	2167	2,3,4,5	6.6	0.0	0.3	3.3	0.5	2.1	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.9	0.4	81.3	
2005	390	2,3,4,5	4.1	0.0	0.0	13.1	7.2	4.4	0.0	0.0	0.0	0.0	0.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	8.7	0.3	48.2	
2006	594	2,3,4,5	14.5	0.0	1.2	6.6	1.7	8.2	1.0	0.0	0.0	0.0	0.0	0.0	1.9	1.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	19.0	1.3	37.0	
2007	207	2,3,4,5	37.2	0.0	1.4	6.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	1.4	39.1	
2008	142	2,3,4,5	8.5	0.0	0.0	0.0	1.4	12.7	0.0	0.0	0.0	2.8	0.0	0.0	0.0	5.6	0.7	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	57.7	
2009	176	2,3,4,5	19.9	0.0	0.0	3.4	2.3	6.3	19.3	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.4	0.0	42.6	
2010	200	2,3,4,5	6.5	0.0	0.0	5.0	2.5	1.5	2.0	0.0	0.0	0.0	0.0	0.0	4.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	64.0	
2011	225	2,3,4,5	12.0	0.0	1.3	12.4	1.3	4.4	4.0	0.0	0.0	0.0	0.0	0.0	0.9	6.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	20.9	1.8	30.7	
2012	272	2,3,4,5	12.5	2.2	0.4	3.3	3.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	16.5	1.1	43.4	
2013	301	2,3,4,5	1.3	0.0	1.3	2.7	1.0	3.7	1.3	0.0	0.0	0.0	0.0	0.0	1.7	1.7	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	35.2	1.3	44.5	
2014	275	2,3,4,5	8.4	0.4	0.0	6.9	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	2.5	7.6	1.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.4	56.4
2015	369	2,3,4,5	6.5	0.0	0.8	6.0	3.0	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.8	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	2.7	0.0	67.5	
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	807		5.6	0.1	0.3	4.2	0.2	8.0	0.4	0.7	0.3	0.1	0.0	0.5	0.2	1.7	0.6	1.1	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	10.0	2.7	51.7	
96–98	282		12.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.8	0.2	79.5		
99–08	575		12.8	0.0	0.8	3.9	1.5	6.1	1.5	0.0	0.0	0.4	0.0	0.0	0.3	3.0	1.3	1.9	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	5.7	1.4	54.2	
09–16	260		9.6	0.4	0.5	5.7	1.9	3.9	3.8																									

Appendix C22—Percent distribution of Lyons Ferry (Lyons Ferry Hatchery) total fishing mortalities among fisheries and escapement.

Appendix C23—Percent distribution of Lyons Ferry Yearling total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement																			
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.										
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S											
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
1987	622	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
1988	1220	4	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
1989	2199	3,5	0.3	0.4	0.0	1.4	0.0	8.7	4.9	0.5	0.2	0.0	0.0	2.5	0.1	7.0	1.5	5.1	1.0	0.0	0.3	1.4	0.0	0.0	0.0	0.0	0.0	11.6	2.1	0.0	50.9											
1990	3149	3,4,6	0.5	0.0	0.0	0.6	0.0	20.1	2.5	0.9	0.7	0.0	0.0	0.3	1.2	10.5	5.3	12.7	0.5	0.0	0.3	3.9	0.0	0.0	0.0	0.0	0.0	14.3	1.5	0.8	23.2											
1991	3688	3,4,5	0.2	0.0	0.0	0.7	0.0	11.6	1.7	0.1	0.8	0.0	0.2	0.7	0.4	6.9	0.9	4.4	0.8	0.0	0.3	1.1	0.0	0.0	0.0	0.0	0.0	12.1	0.8	0.0	56.4											
1992	2218	4,5,6	1.0	0.0	0.0	2.8	0.0	23.0	3.1	0.0	0.4	0.2	0.0	0.5	0.2	17.3	1.6	4.4	0.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	8.8	1.8	0.0	32.6											
1993	720	5,6	4.9	0.0	0.0	1.8	0.0	26.9	1.4	0.0	0.0	0.0	0.4	0.0	0.3	9.4	1.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	1.8	31.1											
1994	42	3,6	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.7											
1995	980	3,4	0.3	0.0	0.0	0.3	0.0	2.6	2.0	0.0	2.1	0.1	0.0	0.2	0.4	1.7	0.3	2.7	0.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.0	1.2	80.9									
1996	6658	3,4,5	0.6	0.0	0.0	0.4	0.0	0.5	0.3	0.0	0.7	0.1	0.0	0.0	0.1	0.5	0.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.6								
1997	3377	3,4,5,6	1.9	0.0	0.0	1.1	0.0	4.8	0.8	0.4	0.3	0.2	0.0	0.2	0.1	1.2	0.4	6.5	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	4.5	1.6	64.4						
1998	5967	3,4,5,6	1.6	0.1	0.2	2.4	1.0	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.2	1.3	0.3	1.8	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	5.6	0.4	74.9						
1999	6618	3,4,5,6	1.8	0.1	0.4	1.1	0.1	1.3	1.4	0.1	0.1	0.0	0.0	0.0	0.5	8.3	2.1	6.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	4.0	0.8	63.1						
2000	6748	3,4,5,6	1.6	0.0	0.1	0.1	0.0	6.5	3.7	0.0	0.0	0.1	0.0	0.0	0.2	2.6	3.5	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	3.8	0.7	63.2					
2001	10516	3,4,5,6	0.8	0.0	0.2	0.0	0.0	7.4	1.5	0.0	0.0	0.4	0.0	0.0	0.2	5.4	3.7	14.9	1.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	3.4	0.3	47.3					
2002	6801	3,4,5,6	1.4	0.2	0.1	0.9	0.1	6.9	1.6	0.0	0.0	0.5	0.0	0.4	0.0	12.2	8.9	6.4	1.7	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	4.2	0.5	43.2					
2003	9230	3,4,5,6	0.7	0.0	0.0	0.2	0.1	7.2	1.2	0.0	0.0	0.0	0.0	0.0	0.2	5.1	2.6	4.1	1.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	2.4	0.3	66.4					
2004	16206	3,4,5,6	0.4	0.0	0.1	0.3	0.0	3.6	0.8	0.0	0.0	0.1	0.0	0.0	0.1	4.2	1.9	4.6	1.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	1.8	0.2	75.5					
2005	8281	3,4,5,6	0.4	0.0	0.0	0.6	0.2	9.0	2.3	0.0	0.0	0.4	0.0	0.0	0.3	7.6	5.9	5.5	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	1.8	0.4	54.7					
2006	5249	3,4,5,6	0.5	0.0	0.1	1.5	0.6	5.2	1.9	0.0	0.0	0.3	0.0	0.0	0.5	6.0	2.6	1.5	0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	1.9	1.1	64.7					
2007	8520	3,4,5,6	0.9	0.2	0.1	0.4	0.0	5.2	1.2	0.0	0.1	0.0	0.0	0.0	0.8	4.1	2.4	1.6	0.7	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.8	0.6	72.6					
2008	4373	3,4,5,6	0.4	0.0	0.0	0.2	0.5	4.9	2.4	0.0	0.0	0.0	0.0	0.5	0.4	5.4	2.0	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	2.0	0.1	69.7					
2009	14023	3,4,5,6	0.1	0.0	0.0	0.2	0.1	1.4	3.4	0.0	0.0	0.1	0.0	0.0	0.6	2.6	4.2	0.0	0.1	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	2.6	0.0	71.1					
2010	6734	3,4,5,6	0.9	0.1	0.0	1.2	0.2	6.4	3.3	0.0	0.0	0.3	0.0	0.0	0.4	10.2	9.4	3.4	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	3.2	0.3	35.3					
2011	6227	3,4,5,6	0.6	0.0	0.0	0.4	0.1	3.9	2.7	0.0	0.0	0.1	0.0	0.0	0.3	5.7	6.6	1.3	0.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	8.3	0.0	48.4					
2012	5572	3,4,5,6	0.7	0.1	0.0	0.4	0.0	2.2	3.0	0.0	0.0	0.1	0.0	0.0	0.6	7.9	5.2	5.0	1.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	7.9	4.3	47.9					
2013	4953	3,4,5,6	0.5	0.1	0.0	0.3	0.1	2.0	2.4	0.0	0.0	0.1	0.0	0.0	1.2	10.8	5.5	3.4	0.6	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	16.4	0.3	33.3					
2014	5710	3,4,5,6	1.0	0.2	0.3	1.0	0.1	4.3	1.6	0.0	0.0	0.3	0.0	0.0	0.8	14.6	4.8	7.6	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	10.5	0.2	29.1					
2015	4505	3,4,5,6	2.9	0.6	0.2	1.5	0.0	1.2	1.6	0.0	0.0	0.6	0.0	0.0	0.7	11.5	4.9	5.4	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	12.4	2.8	34.6					
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	3018		0.6	0.0	0.0	1.4	0.0	18.2	2.4	0.3	0.6	0.1	0.1	0.5	0.6	11.5	2.6	7.2	0.6	0.0	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	1.4	0.3	37.4				
96–98	5334		1.3	0.0	0.1	1.3	0.3	1.8	0.4	0.1	0.4	0.2	0.0	0.1	0.1	1.0	0.3	3.8	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	3.8	0.8	74.6					

Appendix C24—Percent distribution of Middle Shuswap River Summer (Fraser Early) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.				
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2010	3	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2011	57	2,3	7.0	0.0	1.8	7.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.3	1.8	0.0	0.0	0.0	0.0	47.4	
2012	288	2,3,4	8.3	0.0	1.7	10.4	8.0	2.1	0.3	0.0	0.0	0.3	0.0	0.7	13.9	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	2.8	0.0	0.0	0.0	0.0	1.4	36.8
2013	1660	2,3,4,5	2.4	0.0	0.5	7.5	2.7	0.3	0.7	0.0	0.0	0.1	0.0	1.1	14.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.7	0.0	0.0	0.0	0.0	1.3	61.9
2014	1197	2,3,4,5	9.3	0.0	0.8	6.9	4.2	3.1	2.4	0.0	0.0	0.4	0.0	1.5	7.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	4.9	0.0	0.0	0.0	0.0	0.5	53.9
2015	2060	2,3,4,5	4.0	0.0	0.3	2.1	1.9	1.5	1.1	0.0	0.0	0.3	0.0	0.7	14.2	1.6	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	1.7	3.3	0.0	0.0	0.0	0.0	4.8	61.2
2016	368	3,4,5	3.8	0.0	0.3	5.7	4.3	0.8	0.0	0.0	0.0	2.2	0.0	0.3	16.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.8	0.0	0.0	0.0	0.0	0.5	56.0	
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
09–16	1115		5.6	0.0	0.7	6.5	4.2	1.6	0.9	0.0	0.0	0.7	0.0	0.9	13.2	1.1	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.5	3.1	0.0	0.0	0.0	0.0	1.7	53.9	

Appendix C25—Percent distribution of Nanaimo River Fall (Lower Strait of Georgia Natural) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S						
79–84	540		4.3	0.0	0.0	1.9	0.0	1.7	0.0	12.6	3.0	0.0	1.1	16.3	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1
1985	57	3,5	15.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	10.5	35.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3
1986	27	4	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	24	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	394	2,3	0.0	0.0	0.0	0.5	0.0	2.0	0.0	0.8	9.4	0.0	3.8	20.8	56.3	0.3	0.0	0.0	0.0	0.0	1.5	1.3	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.3	1.3		
1991	1181	2,3,4	0.2	0.4	0.0	0.8	0.1	1.8	0.3	1.1	2.0	0.1	6.9	6.2	57.3	0.7	0.0	0.0	0.0	0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	19.1	
1992	2322	2,3,4,5	0.1	0.0	0.0	0.6	0.0	5.1	0.0	1.2	2.2	0.2	8.2	3.4	48.8	0.4	0.1	0.0	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	28.1	
1993	1634	2,3,4,5	0.1	0.4	0.0	1.7	0.2	2.7	0.0	1.3	1.0	0.0	6.1	3.3	57.8	0.6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	23.3	
1994	492	2,3,4,5	0.6	0.0	0.0	0.6	0.0	3.9	0.0	0.0	1.2	0.8	0.8	5.5	39.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.4	44.1		
1995	1616	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.5	0.2	0.0	1.4	0.2	0.0	1.7	37.8	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.2	54.6		
1996	945	2,3,4,5	0.0	1.3	0.0	0.0	0.0	0.3	0.4	0.0	2.1	0.0	0.0	0.2	68.3	0.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.7	0.0	0.0	0.4	0.0	0.0	2.2	17.7		
1997	284	2,3,4,5	6.3	0.0	0.0	4.2	0.0	0.7	0.4	2.8	1.4	0.0	0.0	1.4	40.8	0.0	0.0	0.0	0.0	1.1	2.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	32.7		
1998	264	2,3,4,5	1.1	4.5	0.0	6.1	0.0	0.4	0.0	0.0	0.4	1.9	0.0	1.5	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	37.1	
1999	303	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	39.3	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	1.0	0.7	0.0	2.6	0.0	0.0	2.3	50.2		
2000	171	3,4,5	0.0	0.0	0.0	0.0	0.0	2.9	2.9	0.0	0.0	0.0	0.0	0.0	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	33.9
2001	533	2,4,5	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.2	0.0	0.0	2.4	0.0	0.0	2.8	0.0	0.0	0.4	43.7		
2002	924	2,3,5	0.3	0.1	0.0	0.0	0.2	1.0	0.1	0.0	0.0	0.4	0.0	2.6	43.2	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.5	0.0	0.0	4.2	0.0	0.0	2.1	0.0	0.0	0.5	40.7		
2003	864	2,3,4	0.1	0.7	0.1	0.1	0.0	3.7	0.0	0.0	0.0	2.4	0.0	0.0	25.5	0.0	0.0	0.0	0.0	0.0	0.2	3.2	0.0	0.0	0.0	1.3	0.0	0.0	2.0	0.0	0.0	2.1	58.6		
2004	803	2,3,4,5	1.1	0.0	0.0	0.7	2.4	5.5	1.1	0.0	0.0	2.7	0.0	0.0	17.2	0.7	0.0	0.0	0.0	0.0	1.0	3.1	0.0	0.0	0.0	1.4	0.0	0.0	0.5	0.0	0.0	4.6	57.9		
2005	419	3,4,5	0.7	0.0	0.7	1.9	0.0	7.6	0.0	0.0	0.0	7.9	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.7	1.2	0.0	0.0	0.0	24.1	0.0	0.0	2.4	0.0	0.0	0.7	36.0		
2006	1543	2,4,5	0.3	0.0	0.0	0.1	0.0	0.5	0.1	0.0	0.0	0.1	0.0	0.0	15.1	0.0	0.0	0.1	0.0	0.0	0.1	1.7	0.0	0.0	0.0	4.8	0.0	0.0	0.1	0.0	0.0	1.6	75.6		
2007	1089	3,5	1.3	0.0	0.0	0.1	0.0	4.4	0.5	0.0	0.0	0.9	0.0	0.0	35.1	0.2	0.0	0.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	5.1	0.0	0.0	1.1	0.0	0.0	1.1	48.9		
2008	261	4	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	1449		0.2	0.2	0.0	0.7	0.1	3.0	0.1	0.7	1.6	0.3	4.4	4.0	48.3	0.3	0.0	0.0	0.0	0.0	0.4	1.2	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.0	0.0	0.3	33.8		
96–98	498		2.5	1.9	0.0	3.4	0.0	0.5	0.3	0.9	1.3	0.6	0.0	1.0	50.9	0.1	0.0	0.0	0.0	0.4	0.8	2.3	0.0	0.0	0.0	1.2	0.0	0.0	0.7	0.0	0.0	1.9	29.2		
99–08	695		0.3	0.1	0.1	0.4	0.3	2.8	0.7	0.0	0.0	1.7	0.0	0.3	31.1	0.1	0.0	0.0	0.0	0.0	0.3	3.2	0.1	0.0	0.0	5.6	0.1	0.0	1.6	0.0	0.0	1.8	49.6		
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Appendix C26—Percent distribution of Nicola River Spring (Fraser Early) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	184	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	1277	3.4	0.0	0.0	0.0	0.3	1.1	0.9	0.0	0.0	0.2	0.0	0.0	12.5	11.0	0.9	0.0	0.0	0.0	1.1	1.7	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.3	67.8	
1990	271	3,4,5	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	14.8	13.3	0.0	0.0	0.0	1.8	62.4	
1991	1331	3,4,5,6	0.2	0.2	0.0	0.0	0.2	3.5	0.0	0.2	0.0	0.2	0.6	5.0	0.7	0.0	0.0	0.2	0.0	0.2	1.2	0.0	0.0	0.0	13.4	6.9	0.0	0.0	0.0	0.9	66.6		
1992	507	3,4,5,6	0.0	0.0	0.0	4.1	0.0	4.5	0.0	2.2	0.0	0.0	0.0	0.8	7.9	4.7	0.0	0.6	0.0	0.0	0.0	4.1	0.0	0.0	0.0	6.9	7.7	0.0	0.0	0.0	0.4	56.0	
1993	1167	3,4,5,6	0.0	0.0	0.0	2.6	0.0	4.7	1.1	0.0	0.2	0.0	0.0	1.2	5.7	1.7	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	10.0	5.2	0.0	0.0	0.0	0.0	65.7	
1994	2029	3,4,5,6	0.0	0.0	0.0	0.2	0.0	3.0	0.4	0.0	0.2	0.0	0.0	0.0	3.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	7.6	0.0	0.0	0.0	0.2	83.4		
1995	1821	3,4,5,6	0.0	0.0	0.0	0.2	0.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	2.7	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	3.5	3.5	0.0	0.0	0.0	0.0	87.6		
1996	69	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	81.2		
1997	202	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	2.0	6.4	0.0	0.0	0.0	0.0	79.7		
1998	400	3,4,5,6	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	16.8	0.0	0.0	0.0	0.0	67.3	
1999	2415	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	2.1	0.0	0.0	0.0	0.0	89.7		
2000	1750	3,4,5,6	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	5.0	0.0	0.0	0.0	0.0	81.1		
2001	2246	3,4,5,6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	4.1	0.0	0.0	0.0	0.0	84.5		
2002	2299	3,4,5,6	0.0	0.0	0.0	1.3	0.3	0.6	0.0	0.0	0.1	0.0	0.0	0.0	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	4.0	2.3	0.0	0.0	0.0	0.0	89.6		
2003	1777	3,4,5,6	0.1	0.0	0.0	2.1	0.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	6.4	0.0	0.0	0.0	0.0	86.6		
2004	436	3,4,5,6	0.0	0.0	0.0	1.8	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0	0.0	0.0	68.1		
2005	395	3,4,5,6	0.0	0.0	0.0	1.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	14.4	0.0	0.0	0.0	0.0	60.8		
2006	420	3,4,5,6	0.0	0.0	0.0	1.4	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	12.4	9.3	0.0	0.0	0.0	0.0	71.4		
2007	144	3,4,5,6	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	21.5	0.0	0.0	0.0	0.0	43.1		
2008	606	3,4,5,6	0.0	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	3.5	0.0	0.5	0.0	0.0	78.2		
2009	268	3,4,5,6	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	20.5	0.0	0.0	0.0	0.0	49.6		
2010	2299	3,4,5,6	0.3	0.0	0.0	1.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	91.3		
2011	668	3,4,5,6	0.0	0.0	0.0	0.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	3.9	1.8	0.1	0.0	0.0	0.0	0.0	0.9	0.0	0.0	3.9	2.4	0.0	0.0	0.0	0.0	85.6		
2012	699	3,4,5,6	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.6	3.6	6.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.9	0.0	0.0	0.0	0.0	69.5		
2013	1433	3,4,5,6	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.2	0.0	0.2	4.2	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	89.0	
2014	431	3,4,5,6	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.9	0.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.9	0.0	0.0	0.0	0.0	84.7		
2015	1534	3,4,5,6	0.0	0.0	0.0	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.8	3.1	0.7	0.2	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	83.9		
2016	934	3,4,5,6	0.2	0.0	0.0	1.4	0.0	1.1	0.0	0.0	0.0	0.0	0.7	8.7	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	78.4		
85–95	1188		0.0	0.0	0.0	1.2	0.1	3.1	0.3	0.4	0.1	0.0	0.0	0.4	4.4	1.5	0.0	0.1	0.0	0.0	0.0	1.6	0.0	0.0	0.0	8.3	7.4	0.0	0.0	0.0	0.6	70.3	
96–98	301		0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	6.2	11.6	0.0	0.0	0.0	0.0	73.5	
99–08	1249		0.0	0.0	0.0	0.9	0.2	1.5	0.1	0.0	0.0	0.0	0.0	0.0	2.7	0.7	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	11.5	6.9	0.0	0.0	0.0	0.0	75.3	
09–16	1033		0.1	0.0	0.0	0.6	0.1	0.4	0.1	0.0	0.0	0.0	0.5	4.2	2.2	0.1	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	9.1	3.1	0.0	0.0	0.0	0.0	79.0		

Appendix C27—Percent distribution of Nisqually Fall Fingerling total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2000	105	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2001	967	2,3	0.2	0.0	0.0	0.0	0.0	0.0	2.2	2.8	0.0	0.0	0.0	0.0	0.0	0.7	4.3	0.5	1.2	0.0	0.0	0.4	23.3	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.0	38.8	
2002	1485	2,3,4	0.0	0.0	0.0	0.0	0.0	0.0	6.7	3.4	0.0	0.0	0.1	0.0	0.0	1.1	2.8	0.5	0.7	0.0	0.0	0.1	13.9	0.0	0.0	0.0	0.0	0.0	0.0	38.1	3.0	0.0	29.4
2003	1699	2,3,4,5	0.1	0.0	0.0	0.0	0.0	0.0	5.2	1.0	0.0	0.0	0.5	0.0	0.0	2.1	3.9	0.0	0.8	0.0	0.0	0.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	40.7	1.7	0.0	28.0
2004	1780	2,3,4,5	0.0	0.1	0.0	0.0	0.0	0.0	5.9	1.2	0.0	0.0	0.0	0.0	0.0	1.2	6.5	0.7	1.1	0.0	0.0	0.6	13.4	0.0	0.0	0.0	0.0	0.0	0.0	28.7	0.0	0.1	40.7
2005	1310	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	5.6	2.1	0.0	0.3	0.0	0.0	0.0	3.6	3.7	2.0	0.5	0.0	0.0	0.5	13.9	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	58.5
2006	2972	2,3,4,5	0.1	0.0	0.0	0.0	0.0	0.0	6.5	1.5	0.0	0.0	0.0	0.0	0.0	2.2	5.8	0.4	0.2	0.0	0.0	0.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	36.7	0.0	0.0	36.9
2007	3204	2,3,4,5	0.0	0.0	0.0	0.1	0.0	0.0	10.1	1.1	0.0	0.0	0.0	0.0	0.0	1.3	4.9	0.3	0.1	0.0	0.0	0.7	14.6	0.0	0.0	0.0	0.0	0.0	0.0	33.2	0.0	0.0	33.5
2008	1070	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	5.4	2.9	0.0	0.0	0.0	0.0	0.0	5.0	1.8	0.5	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	44.3	0.0	0.0	23.8
2009	1644	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	3.6	0.0	0.0	0.0	0.0	0.0	1.2	2.3	0.3	0.0	0.0	0.0	0.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	35.3	0.0	0.0	39.2
2010	1721	2,3,4,5	0.0	0.2	0.0	0.0	0.0	0.0	4.6	3.9	0.0	0.0	0.0	0.0	0.0	1.3	4.6	0.7	0.1	0.0	0.3	0.2	9.5	0.0	0.0	0.0	0.0	0.0	0.0	32.6	3.3	0.0	38.6
2011	1456	2,3,4,5	0.0	0.0	0.0	0.3	0.0	0.0	2.9	3.2	0.0	0.0	0.0	0.0	0.0	0.8	3.3	0.6	0.5	0.0	0.0	1.3	14.4	0.0	0.0	0.0	0.0	0.0	0.0	17.4	3.9	0.0	51.4
2012	1489	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	0.0	0.0	0.0	0.0	0.0	2.3	5.7	1.1	0.3	0.0	0.0	0.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	15.6	13.3	0.0	44.0
2013	2217	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.8	0.0	0.0	0.0	0.0	0.0	3.0	3.2	0.2	0.2	0.0	0.0	1.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	19.9	4.4	0.0	53.2
2014	899	2,3,4,5	0.3	0.0	0.0	0.0	0.0	0.0	4.3	4.8	0.0	0.0	0.7	0.0	0.0	2.2	5.8	1.8	0.0	0.0	0.0	0.1	18.6	0.0	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.1	37.5
2015	916	2,3,4,5	0.0	0.1	0.0	0.3	0.0	0.0	1.6	2.3	0.0	0.0	0.0	0.0	0.0	1.9	6.2	0.2	0.0	0.0	0.0	0.3	16.9	0.0	0.0	0.0	0.0	0.0	0.0	18.1	0.0	0.0	52.0
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
99–08	1931		0.0	0.0	0.0	0.0	0.0	0.0	6.5	1.9	0.0	0.0	0.1	0.0	0.0	2.3	4.2	0.6	0.5	0.0	0.0	0.4	13.8	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.7	0.0	35.8
09–16	1477		0.0	0.0	0.0	0.1	0.0	0.0	2.8	3.0	0.0	0.0	0.1	0.0	0.0	1.8	4.5	0.7	0.2	0.0	0.0	0.6	14.2	0.0	0.0	0.0	0.0	0.0	0.0	23.2	3.6	0.0	45.1

Appendix C28—Percent distribution of Nooksack Spring Yearling (Nooksack Spring Yearling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement									
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	194	3,4	6.7	0.0	0.0	0.0	0.0	0.0	12.9	2.1	0.0	0.0	0.0	0.0	2.6	30.4	0.0	2.1	0.0	0.0	0.0	5.2	4.6	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	27.8
1986	236	2,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.4	0.4	0.0	0.0	2.5	4.2	17.8	0.4	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2
1987	555	3,5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	0.2	0.7	0.0	4.3	2.2	61.4	0.2	0.0	0.0	0.0	0.0	4.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3
1988	560	2,4	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	1.3	0.0	0.0	6.1	1.8	32.9	1.4	0.7	0.0	0.0	0.0	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8
1989	120	2,3,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5
1990	83	2,3,4	0.0	0.0	0.0	0.0	0.0	0.0	8.4	1.2	1.2	2.4	0.0	0.0	6.0	38.6	1.2	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5
1991	370	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.9	0.0	0.5	0.0	0.0	4.1	44.3	2.2	0.0	0.0	0.0	0.0	4.6	6.5	0.0	0.0	0.0	1.4	0.0	0.0	1.6	0.0	27.8
1992	1013	2,3,4,5	1.7	1.9	0.0	0.0	0.0	0.0	19.3	1.1	1.0	0.6	0.0	1.7	0.9	15.6	1.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	44.8	
1993	643	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	4.8	4.8	0.0	0.5	0.0	3.3	4.5	19.1	0.8	0.0	0.0	0.0	0.0	3.9	12.9	0.0	0.0	0.0	1.1	0.0	0.0	1.2	0.0	43.1
1994	538	2,4,5	0.6	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.9	0.6	30.5	0.2	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.7	0.0	0.0	5.9	0.0	46.7	
1995	181	2,3,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	29.3	0.0	0.0	0.0	0.0	0.0	2.8	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.2
1996	200	2,3,4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	1.0	0.0	0.0	16.0	0.5	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.5	
1997	129	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	20.9	0.0	0.0	0.0	0.0	0.0	3.1	21.7	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	51.2
1998	114	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	4.4	4.4	0.0	0.0	27.2	0.0	0.0	0.0	0.0	0.0	1.8	11.4	0.0	0.0	0.0	2.6	0.0	0.0	2.6	0.0	38.6
1999	178	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.7	0.0	0.0	0.0	0.0	0.0	30.3	3.4	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	54.5
2000	146	4,5	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.2
2001	31	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	443		0.3	0.3	0.0	0.0	0.0	0.0	4.8	1.6	0.2	0.2	0.0	1.9	2.1	23.8	0.6	0.0	0.0	0.0	0.0	2.3	8.4	0.0	0.0	0.0	0.5	0.0	0.0	2.4	0.0	50.5
96–98	164		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.5	0.0	0.4	18.5	0.3	0.0	0.0	0.0	0.0	1.6	13.6	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	62.3
99–08	178		0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.7	0.0	0.0	0.0	0.0	0.0	30.3	3.4	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	54.5
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

Appendix C29—Percent distribution of Nooksack Spring Fingerling (Nooksack Spring Yearling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	10	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	189	2,3	0.0	0.0	0.0	3.7	0.0	18.5	1.1	0.0	3.7	0.0	3.2	7.9	18.5	4.8	0.0	0.0	0.0	0.0	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	27.5
1992	508	3,4	0.0	0.0	0.0	3.0	0.0	36.4	4.9	0.0	1.2	0.0	3.3	3.1	11.4	3.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	28.5
1993	367	4,5	0.0	0.0	0.0	0.0	0.0	10.1	2.7	0.8	0.0	0.0	0.5	0.0	8.2	1.6	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.9	72.2	
1994	67	2,5	1.5	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.0	0.0	0.0	11.9	13.4	0.0	0.0	0.0	0.0	0.0	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	38.8	
1995	475	2,3	1.7	0.0	0.0	0.0	0.0	1.1	2.7	0.0	15.2	0.2	0.0	1.5	15.4	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	46.3	
1996	1091	2,3,4	3.4	0.0	0.2	0.0	0.0	1.1	3.8	0.0	5.6	0.8	0.0	0.4	18.3	0.7	0.0	0.0	0.0	0.0	0.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	55.5
1997	2049	2,3,4,5	4.2	0.4	0.8	0.2	0.0	2.2	2.8	0.8	0.3	0.0	0.0	0.9	10.5	0.5	0.0	0.0	0.0	0.0	0.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.8	67.5
1998	1518	2,3,4,5	8.7	0.2	0.0	0.0	0.0	1.9	3.6	0.0	0.2	0.0	0.0	0.0	3.4	0.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.6	79.1
1999	1649	2,3,4,5	2.0	0.2	0.0	0.0	0.0	2.4	5.3	0.0	0.0	0.7	0.0	0.0	5.1	1.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.7
2000	927	2,3,4,5	5.2	0.2	0.0	0.0	0.0	20.8	3.7	0.0	0.0	0.0	0.0	0.0	15.1	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.6	53.3
2001	1402	2,3,4,5	1.8	0.0	0.0	0.0	0.0	10.9	4.8	0.0	0.0	0.0	0.0	0.0	5.1	1.1	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.6	73.4
2002	1269	2,3,4,5	6.1	0.0	0.4	0.9	0.0	17.1	2.4	0.0	0.0	1.3	0.0	0.0	1.5	0.2	0.5	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	3.4	65.2
2003	771	2,3,4,5	3.6	0.0	0.0	0.0	0.0	13.7	3.0	0.0	0.0	0.6	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.1	67.4	
2004	682	2,3,4,5	1.3	0.0	0.0	0.3	0.0	32.1	5.4	0.0	0.0	0.0	0.0	0.0	9.7	3.1	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.3	45.6
2005	851	2,3,4,5	3.8	0.1	0.0	0.2	0.0	32.9	4.6	0.0	0.5	0.0	0.0	0.0	7.8	0.5	0.2	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	46.5
2006	551	2,3,4,5	2.4	0.0	1.1	1.1	0.0	32.7	4.9	0.0	0.0	0.0	0.0	0.0	9.8	1.1	0.0	0.0	0.0	0.0	0.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.5	0.5	40.5
2007	587	2,3,4,5	5.8	0.2	0.7	0.3	0.0	24.7	8.9	0.0	0.2	0.0	0.0	0.0	9.4	0.3	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.2	42.4
2008	1044	2,3,4,5	1.5	0.2	0.0	0.4	0.0	20.3	12.0	0.0	0.0	0.0	0.0	0.0	15.5	1.3	0.5	0.0	0.0	0.0	0.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	2.0	0.2	0.0	38.4
2009	797	2,3,4,5	3.0	0.6	0.0	0.0	0.0	7.8	6.3	0.0	0.0	0.0	0.0	0.0	19.1	0.8	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.4	56.1
2010	934	2,3,4,5	3.0	0.3	0.0	0.6	0.0	19.6	8.0	0.0	0.0	0.3	0.0	0.0	4.7	2.2	0.4	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	57.0
2011	516	2,3,4,5	3.1	0.0	0.0	0.0	0.0	15.3	5.6	0.0	0.4	0.8	0.0	0.0	13.2	1.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.2	53.9
2012	469	2,3,4,5	4.9	0.9	0.6	0.0	0.0	14.7	6.0	0.0	0.0	0.0	0.0	0.0	1.7	13.2	3.8	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	1.5	36.9
2013	976	2,3,4,5	1.1	1.7	0.6	0.0	0.0	5.7	8.7	0.0	0.0	1.1	0.0	0.0	13.6	1.6	0.6	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.3	53.1
2014	1792	2,3,4,5	3.7	0.6	0.0	0.2	0.1	7.6	7.4	0.0	0.0	2.6	0.0	0.0	16.4	1.8	0.8	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.1	47.7
2015	2243	2,3,4,5	3.0	0.0	0.0	0.4	0.0	4.7	1.1	0.0	0.0	0.4	0.0	0.0	9.2	2.0	0.2	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.1	74.2
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96–98	1553		5.4	0.2	0.3	0.1	0.0	1.7	3.4	0.3	2.0	0.3	0.0	0.4	10.7	0.5	0.0	0.0	0.0	0.0	0.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.9	67.3
99–08	973		3.4	0.1	0.2	0.3	0.0	20.8	5.5	0.0	0.1	0.3	0.0	0.0	8.6	0.9	0.1	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.1	0.7	55.5
09–16	1104		3.1	0.6	0.2	0.2	0.0	10.8	6.2	0.0	0.1	0.7	0.0	0.2	12.8	1.9	0.3	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.5	54.1

Appendix C30—Percent distribution of Phillips River Fall (Upper Strait of Georgia) AEQ total fishing mortalities and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2011	19	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2012	54	2,3	16.7	5.6	3.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	641	2,3,4	6.4	6.6	2.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.1
2014	1285	2,3,4,5	8.9	4.2	1.3	0.9	0.9	0.3	0.0	0.0	0.2	6.4	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.4	
2015	1651	2,3,4,5	11.2	0.6	2.3	0.0	0.6	0.0	0.0	0.0	0.0	6.4	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.7		
2016	1848	2,3,4,5	14.8	4.4	1.1	0.8	1.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.2	
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
09–16	1356		10.3	3.9	1.8	0.4	0.8	0.1	0.0	0.0	0.0	5.5	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4	

Appendix C31—Percent distribution of Puntledge River Summer (Lower Strait of Georgia Hatchery) AEQ total fishing mortalities and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery					ISBM Fishery								Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	T	N	S	T	N	S	T	S	N	S	T	N	S	N	S	T	N	S		
79–84	749		1.3	0.3	0.1	4.1	0.0	2.2	0.0	10.2	4.9	0.1	13.2	6.6	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	33.0
1985	155	2,3,4,5	12.3	0.6	3.2	6.5	0.0	0.0	0.0	1.3	7.7	3.2	0.0	5.2	37.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6
1986	205	2,3,4,5	5.9	0.0	5.4	2.4	0.0	2.4	0.0	4.4	10.2	0.0	12.7	1.5	32.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9
1987	165	2,3,4,5	3.0	1.2	0.0	15.2	3.0	0.0	4.2	2.4	6.7	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.4
1988	104	2,3,4,5	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	1.0	36.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	45.2
1989	76	2,3,4,5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	39.5
1990	100	2,3,4,5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	11.0	0.0	0.0	5.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.0
1991	127	2,3,4,5	5.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0	4.7	2.4	0.0	5.5	43.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.7
1992	101	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	3.0	12.9	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.7
1993	82	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	4.9	0.0	0.0	59.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0
1994	32	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	3.1	65.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0
1995	46	2,3,4,5	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	2.2	41.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0
1996	53	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	45.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.8
1997	27	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.8
1998	9	2,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	
1999	51	2,3,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78.4
2000	64	2,3,4	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.4
2001	214	2,3,4,5	2.8	0.5	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.7
2002	121	2,3,4,5	5.8	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	9.9	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.8
2003	124	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	74.2
2004	105	2,3,4,5	16.2	1.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.6
2005	333	2,3,4,5	1.5	0.0	0.0	1.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.4
2006	303	2,3,4,5	7.9	2.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.2
2007	432	2,3,4,5	11.6	8.3	1.6	0.7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3
2008	272	2,3,4,5	1.5	1.1	0.0	0.0	0.0	0.0	5.1	0.0	0.0	5.1	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.1
2009	611	2,3,4,5	5.2	1.8	0.2	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.6
2010	489	2,3,4,5	6.7	0.8	0.0	0.0	1.0	1.6	1.0	0.0	0.0	3.1	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.1
2011	332	2,3,4,5	6.6	3.3	0.3	1.2	1.5	0.0	0.0	0.0	0.0	8.4	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.9
2012	215	2,3,4,5	11.6	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	2.3	0.0	0.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.2
2013	261	2,3,4,5	0.0	1.5	0.0	1.5	0.4	0.0	0.0	0.0	0.0	1.9	0.0	0.0	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.8
2014	507	2,3,4,5	1.6	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.6
2015	336	2,3,4,5	6.3	0.0	0.0	0.0	1.5	0.9	0.0	0.0	0.0	3.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.1
2016	208	3,4,5	6.7	6.7	0.5	3.8	0.0	0.0	2.4	0.0	0.0	5.8	0.0	0.0	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.6
85–95	175		7.0	0.6	2.9	8.0	1.0	0.8	1.4	2.7	8.2	1.1	4.2	2.2	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3
96–98	NA		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
99–08	257		4.4	1.7	0.2	0.4	0.0	0.5	2.4	0.0	0.2	2.2	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.5
09–16	370		5.6	1.8	0.3	1.1	0.6	0.3	0.8	0.0	0.0	3.2	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.2

Appendix C32—Percent distribution of Queets Fall Fingerling (Washington Coastal Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement													
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.						
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S						
79–84	199		25.5	0.8	0.0	18.1	0.9	9.2	0.0	0.0	0.4	0.4	0.0	0.5	0.0	1.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.0	20.2						
1985	287	2,3,4,5	20.9	0.0	0.0	31.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	29.6				
1986	340	3,4,5	22.9	0.0	1.2	11.2	0.0	6.8	0.0	1.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	48.5				
1987	524	2,4,5	32.6	2.1	0.0	13.9	1.1	1.7	0.0	1.1	0.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0	21.9				
1988	924	2,3,5	16.2	1.5	1.3	7.6	0.1	5.0	0.0	1.8	0.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	49.9				
1989	909	2,3,4	7.5	0.1	0.1	7.5	0.1	6.7	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	59.5				
1990	1753	2,3,4,5	12.1	0.4	0.0	4.8	1.9	5.7	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	64.6				
1991	1508	2,3,4,5	18.4	0.2	0.6	7.4	0.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	58.5				
1992	790	2,3,4,5	13.4	5.7	2.3	8.0	1.3	14.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	40.0				
1993	956	2,3,4,5	14.0	1.8	0.4	9.3	1.0	9.6	0.0	0.2	0.0	0.0	0.0	0.0	0.3	1.4	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	0.0	51.2					
1994	1858	2,3,4,5	14.9	0.8	0.3	13.9	1.0	2.6	0.3	0.1	0.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	53.4				
1995	1460	2,3,4,5	12.4	0.0	1.0	3.9	2.2	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0	0.0	63.7			
1996	847	2,3,4,5	16.1	0.0	1.4	0.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	67.8			
1997	1226	2,3,4,5	29.0	0.4	0.0	4.3	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	50.9			
1998	1188	2,3,4,5	13.9	0.0	1.9	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	66.3			
1999	833	2,3,4,5	8.0	0.0	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	81.5			
2000	931	2,3,4,5	14.2	0.0	5.3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	71.4			
2001	1061	2,3,4,5	13.7	0.0	3.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	0.0	61.5			
2002	2623	2,3,4,5	20.0	0.0	2.1	3.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	46.7			
2003	3097	2,3,4,5	11.8	0.0	1.9	5.8	2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	67.2			
2004	3528	2,3,4,5	13.3	0.7	1.8	5.4	6.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.1	62.4			
2005	2999	2,3,4,5	12.8	0.0	2.3	5.2	2.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.1	59.2			
2006	1378	2,3,4,5	18.6	0.1	3.1	10.3	2.3	2.8	0.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.9	48.1			
2007	835	2,3,4,5	27.4	0.0	6.3	9.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	29.8			
2008	1158	2,3,4,5	15.8	0.0	2.5	7.8	4.6	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	0.0	0.0	49.6		
2009	1851	2,3,4,5	24.8	1.5	3.1	8.9	3.1	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0	0.3	41.6		
2010	2510	2,3,4,5	21.9	0.0	4.6	4.6	4.9	0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	0.0	0.0	47.9		
2011	3285	2,3,4,5	19.3	0.1	3.0	5.0	4.0	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	51.1		
2012	3075	2,3,4,5	34.1	0.2	2.5	7.9	6.4	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.4	28.3			
2013	2114	2,3,4,5	16.2	0.8	4.8	7.2	5.3	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0	41.1		
2014	2625	2,3,4,5	20.8	1.0	3.0	6.4	3.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0	50.9		
2015	1643	3,4,5	22.9	0.0	5.0	7.5	9.3	0.5	0.4	0.0	0.0	1.3	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	1.0	41.8		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85–95	1028		16.8	1.1	0.6	10.8	0.9	5.4	0.0	0.5	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.2
96–98	1087		19.6	0.1	1.1	4.8	0.0	0.2	0.0	0.1	0.0	0.0	0.0																								

Appendix C33—Percent distribution of Quinsam River Fall (Upper Strait of Georgia) total fishing mortalities among fisheries and escapement.

Appendix C34—Percent distribution of Quinsam River Fall (Upper Strait of Georgia) 5-age ERA output total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S					
79–84	1495		15.9	4.0	2.8	9.9	0.0	0.4	0.0	10.5	15.3	2.7	1.2	6.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5
1985	1786	2,3,4,5,6	28.3	8.1	4.4	4.9	0.0	0.1	0.0	3.5	10.5	0.6	0.0	7.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3
1986	1904	2,3,4,5,6	15.4	9.7	3.2	6.7	0.0	0.0	0.0	7.4	18.6	1.5	0.2	5.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5
1987	1630	2,3,4,5,6	15.0	8.3	2.9	7.0	0.0	0.4	0.3	6.9	14.7	3.3	0.2	6.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	28.2
1988	1707	2,3,4,5,6	19.4	5.0	1.3	6.9	0.0	0.8	0.0	2.6	5.3	1.3	0.2	3.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	46.9	
1989	1906	2,3,4,5,6	13.9	8.6	2.8	4.0	0.4	0.3	0.0	2.0	4.7	2.4	0.0	11.8	7.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.2	
1990	1297	2,3,4,5,6	16.9	5.1	0.5	6.8	0.3	1.4	0.0	5.0	9.7	3.5	1.5	4.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	37.6	
1991	844	2,3,4,5,6	10.9	5.3	1.5	6.4	0.0	0.5	0.0	10.3	10.0	6.6	0.7	3.3	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6	
1992	684	2,3,4,5,6	15.1	2.6	2.6	11.1	0.0	0.3	0.0	10.1	7.5	3.9	0.4	2.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.5	
1993	395	2,3,4,5,6	8.4	6.3	1.3	6.3	0.0	1.3	0.0	6.6	18.0	6.1	0.8	3.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4	
1994	571	2,3,4,5,6	3.2	48.0	2.5	6.1	0.0	0.0	0.0	0.7	7.7	1.4	0.0	2.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	
1995	290	2,3,4,5,6	7.9	7.9	0.0	11.4	2.4	0.0	0.0	0.0	17.2	2.1	0.0	2.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	
1996	294	2,3,4,5,6	6.8	1.0	0.0	1.4	0.3	0.0	0.0	0.0	19.0	2.4	0.0	0.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.5		
1997	466	2,3,4,5,6	10.7	4.5	3.2	3.6	1.1	0.4	1.9	2.6	2.6	2.6	0.0	1.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.3		
1998	596	2,3,4,5,6	15.4	3.5	2.3	0.0	1.2	0.0	0.0	0.0	0.3	4.4	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	62.6		
1999	1025	2,3,4,5,6	9.2	3.4	5.0	2.1	2.6	0.0	0.0	0.3	1.2	7.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.8	
2000	876	2,3,4,5,6	13.7	2.9	5.3	0.3	0.0	0.0	0.0	0.0	0.0	3.2	0.0	1.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.2	
2001	1332	2,3,4,5,6	10.4	2.0	2.9	0.1	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.9	
2002	1008	2,3,4,5,6	14.8	3.2	1.5	0.6	0.0	0.0	0.0	0.1	0.0	7.2	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	66.4	
2003	550	2,3,4,5,6	20.4	2.2	0.7	0.0	1.5	0.0	0.0	0.0	0.0	15.6	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.3	
2004	813	2,3,4,5,6	7.7	19.6	1.4	0.2	0.0	0.0	0.0	0.0	2.3	11.4	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	53.3	
2005	866	2,3,4,5,6	18.9	2.3	4.3	0.5	0.9	0.0	0.0	0.0	1.4	8.3	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.3	
2006	859	2,3,4,5,6	17.0	4.9	3.3	0.7	4.2	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	61.4		
2007	641	2,3,4,5,6	21.1	5.5	1.4	3.1	0.8	0.0	0.0	0.0	0.9	9.5	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.6	
2008	415	2,3,4,5,6	13.3	2.2	0.5	0.7	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3	
2009	458	2,3,4,5,6	11.8	4.4	2.2	0.9	5.2	0.0	1.5	0.0	0.0	4.4	0.0	1.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.6	
2010	472	2,3,4,5,6	8.3	6.4	1.1	0.0	1.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	51.7	
2011	763	2,3,4,5,6	10.7	8.7	0.7	0.0	2.1	0.0	0.0	0.0	0.0	12.6	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.4	
2012	840	2,3,4,5,6	16.8	6.3	2.3	0.7	0.6	0.0	0.0	0.0	0.0	8.7	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.9	
2013	710	2,3,4,5,6	11.1	6.3	1.0	0.4	0.7	0.0	0.0	0.0	0.0	5.5	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.6	
2014	495	2,3,4,5,6	11.7	6.7	1.2	0.0	0.2	0.0	0.0	0.2	0.0	4.2	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.1	
2015	885	2,3,4,5,6	9.5	5.4	1.4	0.0	0.9	0.0	0.5	0.0	0.0	9.8	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.5	
2016	2475	2,3,4,5,6	11.8	5.0	2.1	0.2	1.7	0.0	0.0	0.0	0.0	10.3	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.1	
85–95	1183		14.0	10.4	2.1	7.1	0.3	0.5	0.0	5.0	11.3	3.0	0.4	4.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	
96–98	452		11.0	3.0	1.9	1.7	0.9	0.1	0.6	0.9	7.3	3.1	0.0	0.7	12.1	0.0	0.0	0.0	0.0															

Appendix C35—Percent distribution of Robertson Creek Fall (WCVI Hatchery and Natural) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	N	S	T	S	N	S	T	N	S	T	N	S							
79-84	4284	2,3,4,5	30.3	3.0	0.8	12.3	0.0	6.7	0.1	7.9	4.4	0.1	0.2	1.2	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	10.4	6.3	0.0	0.1	0.0	0.0	0.0				
1985	1692		19.7	13.7	0.0	16.0	0.0	1.4	0.0	0.9	3.7	0.0	0.0	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	1.1	15.2	0.0	1.1	0.0	0.1	24.2				
1986	916		15.9	8.2	0.5	8.1	0.8	6.1	0.0	0.9	3.3	0.0	0.0	0.7	1.2	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0	0.0	0.0	0.3	27.9	0.0	0.0	0.0	0.0	0.0	24.5			
1987	1618		10.4	3.2	1.0	7.4	0.0	2.7	0.2	3.4	2.3	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	19.5	0.0	0.0	0.0	0.0	0.1	47.7			
1988	3155		11.3	4.4	1.3	7.6	1.0	4.9	1.1	1.4	1.8	0.0	0.0	0.2	4.8	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	6.5	13.2	0.0	0.0	0.0	0.1	40.0				
1989	6595	2,3,4,5	10.1	7.6	0.4	9.6	0.5	2.5	1.1	1.7	1.1	0.1	0.0	0.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	16.5	16.4	0.0	0.0	0.0	0.0	30.0				
1990	11154		19.0	2.3	2.0	9.1	0.8	6.2	0.8	2.3	1.5	0.1	0.0	0.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	8.1	0.0	0.0	0.0	0.0	38.6				
1991	13829		19.4	2.4	3.2	9.7	0.5	4.9	0.6	2.6	0.7	0.3	0.0	1.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	13.4	12.8	0.0	0.0	0.0	0.0	26.9				
1992	11348		15.3	15.7	1.6	6.8	0.9	17.1	0.8	2.8	0.7	0.3	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	5.0	0.0	0.0	0.0	0.0	0.0	30.9				
1993	6708		16.0	2.1	2.4	7.7	0.8	14.7	0.8	2.1	0.4	0.2	0.0	0.7	2.4	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	6.8	12.3	0.0	0.0	0.0	0.0	30.3				
1994	3789	2,3,4,5	17.8	6.3	3.9	9.2	0.4	4.9	1.7	1.2	0.9	0.2	0.0	0.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	11.2	15.7	0.0	0.0	0.0	0.0	23.4				
1995	1510		15.0	0.0	4.2	3.0	1.9	1.5	0.8	0.3	0.4	0.0	0.0	0.1	3.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.8	7.8	0.0	0.1	0.0	0.3	54.9					
1996	844		8.6	0.1	3.9	2.6	0.5	0.7	0.0	0.5	0.0	1.8	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	76.1		
1997	2232		14.8	3.6	4.7	4.9	1.5	0.1	0.0	1.8	0.4	1.1	0.0	0.1	2.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	5.9	17.1	0.0	0.0	0.0	0.0	41.0				
1998	3190		17.3	1.7	5.2	5.6	3.0	0.0	1.5	0.0	0.0	0.4	0.0	0.0	4.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	16.4	0.0	0.0	0.0	0.1	40.5				
1999	1248	2,3,4,5	12.5	1.1	7.3	5.4	6.7	0.0	0.9	0.2	0.0	0.3	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	17.9	0.0	0.0	0.0	0.0	38.1				
2000	236		6.8	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.8				
2001	934		4.3	0.0	1.9	0.0	0.0	0.0	1.6	0.0	0.0	0.5	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	86.5		
2002	2105		12.9	0.6	1.4	4.2	2.1	0.3	1.0	0.1	0.0	1.9	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	15.0	0.0	0.0	0.0	0.0	50.9			
2003	2996		14.5	2.1	2.8	0.8	1.6	0.0	0.0	0.0	0.0	2.9	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	15.6	0.0	0.0	0.0	0.0	48.9			
2004	4978	2,3,4,5	13.4	8.3	2.4	2.7	1.5	0.1	0.6	0.0	0.0	2.9	0.0	0.0	3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	13.4	0.0	0.0	0.0	0.3	39.9			
2005	3152		15.5	2.0	4.5	3.1	4.6	0.0	1.0	0.0	0.0	5.4	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	6.1	0.0	0.0	0.0	0.1	23.4			
2006	2842		11.5	2.5	3.9	2.6	3.0	0.0	1.8	0.0	0.0	1.9	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	10.4	0.0	0.0	0.0	0.0	33.4		
2007	2307		16.3	3.4	5.9	4.9	5.3	0.1	1.3	0.0	0.0	1.3	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.2	11.7	0.0	0.0	0.0	0.0	20.0	
2008	1620		9.9	0.4	2.6	2.6	2.5	0.0	0.8	0.0	0.0	2.8	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.1			
2009	1430	2,3,4,5	13.2	7.1	2.9	2.2	6.2	0.0	1.1	0.0	0.0	5.2	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	12.3	0.0	0.0	0.0	0.0	37.6		
2010	1367		7.8	0.3	4.0	3.1	4.7	0.7	2.0	0.0	0.0	2.7	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	3.0	0.0	0.1	0.0	0.0	62.6		
2011	2368		13.9	2.0	1.5	3.5	3.5	0.2	3.9	0.0	0.0	3.5	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	16.1	0.0	0.0	0.0	0.0	30.2	
2012	2009		13.3	3.6	1.2	2.9	2.5	0.1	2.0	0.0	0.0	3.5	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	15.3	0.0	0.0	0.0	0.0	36.1
2013	1400		11.0	4.0	1.5	1.0	3.0	0.0	1.1	0.0	0.0	1.6	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.4			
2014	2307	2,3,4,5	14.9	2.1	3.2	2.0	1.5	0.8	4.8	0.0	0.0	1.4	0.0	0.0	4.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.0	0.0	0.1	4.9	0.0	0.0	0.0	0.0	0.0	58.7		
2015	3503		4.1	3.3	2.2	0.4	3.7	0.3	2.9	0.0	0.1	2.2	0.0	0.0	9.3	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	10.4	9.2	0.0	0.0	0.0	0.3	50.6			
2016	5315		14.8	4.9	4.3	2.0	3.2	0.9	1.0	0.0	0.1	4.5	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	6.2	0.0	0.0	0.0	0.0	45.5			
85-95	5665		15.4	6.0	1.9	8.6	0.7	6.1	0.7	1.8	1.5	0.1	0.0	0.7	2.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	6.3	14.0	0.0	0.1	0.0	0.1	33.7					
96-98	2089		13.6	1.8	4.6	4.4	1.7	0.3	0.5	0.8	0.1	1.1	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	11.9	0.0	0.0	0.0	0.0	52.5			
99-08	2242		11.8	2.0	3.3	2.6	3.3	0.1	0.9	0.0	0.0	2.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	10.4	0.0	0.0	0.0	0.0	46.6			
09-16	2462		11.6	3.4	2.6	2.1	3.6	0.4	2.3	0.0	0.0	3.1	0.0	0.0	6.2	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	7.3	8.7	0.0	0.0	0.0	0.0	48.3			

Appendix C36—Percent distribution of Samish Fall Fingerling (Nooksack Fall Fingerling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC N	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	73	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	919	2,3	0.0	0.0	0.0	0.2	0.0	13.2	0.3	0.3	0.9	0.1	1.2	3.8	22.6	6.4	0.0	0.0	0.0	0.2	9.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.1	13.4
1989	2017	2,3,4	0.0	0.0	0.0	0.2	0.0	9.1	1.7	0.2	0.1	0.2	1.3	3.2	17.9	8.0	0.0	0.0	0.0	0.0	4.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.5	14.4
1990	2534	2,3,4,5	0.2	0.0	0.0	0.6	0.0	20.3	1.9	0.1	0.2	0.0	3.5	1.3	10.7	9.2	0.1	0.2	0.0	0.0	1.5	8.1	0.0	0.0	0.0	0.0	0.0	0.0	25.8	0.0	2.1	14.4
1991	1039	2,3,4,5	0.0	0.0	0.0	0.0	0.0	14.3	3.4	0.1	0.3	0.0	1.9	2.5	10.4	8.9	1.4	0.4	0.0	0.0	0.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.4	0.9	24.1
1992	736	2,3,4,5	0.0	0.0	0.0	0.0	0.0	11.3	0.8	0.0	0.1	0.0	2.4	1.8	16.7	9.2	1.1	0.4	0.0	0.0	0.1	22.4	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	21.5
1993	1224	2,3,4,5	0.0	0.0	0.0	0.2	0.0	13.7	7.3	0.2	0.5	0.0	3.7	2.0	20.2	3.8	0.1	0.2	0.0	0.0	2.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.7	20.0
1994	1036	2,3,4,5	0.5	0.0	0.0	0.4	0.0	13.1	3.4	0.0	0.4	0.0	1.3	1.6	16.6	2.0	0.4	0.0	0.0	0.0	3.1	4.2	0.0	0.0	0.0	0.4	0.0	0.0	31.8	0.0	1.9	19.0
1995	810	2,3,4,5	0.2	0.0	0.0	0.0	0.0	7.3	2.6	0.0	0.9	0.0	0.0	0.7	6.5	3.1	2.1	0.0	0.0	0.0	3.5	20.7	0.0	0.0	0.0	0.0	0.0	0.0	19.5	0.0	0.1	32.7
1996	1290	2,3,4,5	0.0	0.1	0.0	0.0	0.0	1.0	0.8	0.0	0.3	0.0	0.0	0.2	13.6	1.6	13.7	0.0	0.0	0.2	0.3	15.0	0.0	0.0	0.0	0.2	0.0	0.0	28.8	0.0	0.0	24.2
1997	1369	2,3,4,5	0.7	0.1	0.0	0.2	0.0	2.6	1.8	0.7	0.8	0.1	0.0	0.4	9.3	0.9	0.4	0.0	0.0	0.0	1.9	11.8	0.0	0.0	0.0	0.0	0.0	0.0	30.6	0.0	0.0	37.7
1998	725	2,3,4,5	3.6	0.0	0.0	0.0	0.0	1.7	1.4	0.0	0.0	0.0	0.0	0.0	13.8	0.6	0.6	0.1	0.0	0.0	0.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	41.7	0.0	0.1	31.4
1999	274	2,3,4,5	4.0	0.0	0.0	1.8	0.0	1.5	10.2	0.0	0.0	3.3	0.0	0.0	14.6	1.5	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	34.7	0.0	0.0	22.6
2000	337	2,3,4,5	0.0	0.0	0.0	0.0	0.0	11.3	8.6	0.0	0.0	0.0	0.0	0.0	18.1	0.3	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	29.4	0.0	0.0	25.8
2001	1688	2,3,4,5	0.0	0.2	0.0	0.0	0.0	5.1	4.9	0.0	0.5	0.0	0.0	0.0	9.8	2.4	0.1	0.2	0.0	0.2	0.1	8.2	0.0	0.0	0.0	0.0	0.7	0.0	35.5	0.0	0.1	32.0
2002	1604	2,3,4,5	0.9	0.0	0.0	0.7	0.0	8.2	6.0	0.0	0.0	0.0	0.0	0.0	8.9	2.7	0.6	0.3	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	35.1	0.0	0.3	30.0
2003	763	2,3,4,5	0.8	0.0	0.0	0.0	0.0	13.4	3.1	0.0	0.0	0.0	0.3	0.3	6.2	6.8	0.5	0.0	0.0	0.0	0.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	36.8	0.0	0.0	28.4
2004	546	2,3,4,5	0.4	0.0	0.0	0.0	0.0	7.9	6.0	0.0	0.0	0.0	0.0	0.0	6.0	11.2	0.4	0.5	0.0	0.0	0.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	29.3
2005	758	2,3,4,5	0.3	0.1	0.0	0.3	0.0	10.7	8.0	0.0	0.0	0.0	0.0	0.0	17.4	7.3	0.7	0.3	0.0	0.0	0.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	28.5	0.0	1.1	17.9
2006	1558	2,3,4,5	0.4	0.1	0.0	0.1	0.0	8.2	4.7	0.0	0.0	0.0	0.0	0.0	7.1	6.9	1.3	0.1	0.0	0.0	0.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0	46.9	0.0	2.4	13.8
2007	2034	2,3,4,5	0.5	0.0	0.0	0.0	0.0	9.5	4.4	0.0	0.0	0.0	0.0	0.0	7.1	2.9	20.3	0.0	0.1	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.1	0.7	20.3
2008	1738	2,3,4,5	0.2	0.0	0.0	0.0	0.0	6.3	4.1	0.0	0.0	0.0	0.0	0.0	7.1	4.5	0.3	0.0	0.0	0.0	0.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	40.4	0.0	0.5	24.9
2009	1633	2,3,4,5	0.0	0.1	0.0	0.0	0.0	3.3	4.2	0.0	0.0	0.0	0.0	0.0	5.5	3.6	0.4	0.0	0.0	0.0	0.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	30.7	0.0	0.7	38.6
2010	1832	2,3,4,5	0.0	0.0	0.1	0.0	0.0	7.0	6.7	0.0	0.0	0.0	0.0	0.0	5.9	10.0	0.7	0.3	0.0	0.0	0.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	29.2	0.0	3.0	27.7
2011	1319	2,3,4,5	0.1	0.0	0.0	0.0	0.0	5.0	5.2	0.0	0.0	0.0	0.0	0.0	10.0	3.2	0.3	0.0	0.0	0.0	0.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	35.7	0.0	0.0	31.7
2012	1835	2,3,4,5	0.0	0.2	0.1	0.5	0.0	2.2	4.5	0.0	0.0	0.2	0.0	0.4	6.8	6.6	1.0	0.3	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	51.8	0.0	0.0	18.5
2013	1785	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.2	3.7	0.0	0.0	0.0	0.0	0.0	8.2	3.5	0.2	0.0	0.0	0.0	1.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.6	26.9
2014	1567	2,3,4,5	0.6	0.1	0.0	0.4	0.1	5.8	5.0	0.0	0.0	0.0	0.0	0.0	11.2	5.9	1.0	0.3	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.4	33.5
2015	907	2,3,4,5	0.6	0.0	0.0	0.3	0.0	2.5	2.9	0.0	0.0	0.8	0.0	0.0	12.2	10.3	1.3	0.0	0.0	0.0	0.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	30.7	0.0	2.0	30.1
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	1342		0.1	0.0	0.0	0.2	0.0	12.7	3.0	0.1	0.4	0.0	2.0	1.9	14.1	6.3	0.7	0.2	0.0	0.0	2.2	12.9	0.0	0.0	0.0	0.1	0.0	0.0	21.3	0.1	0.9	20.9
96–98	1128		1.4	0.1	0.0	0.1	0.0	1.8	1.3	0.2	0.4	0.0	0.0	0.2	12.2	1.0	4.9	0.0	0.0	0.1	0.8	10.5	0.0	0.0	0.0	0.0	0.1	0.0	33.7	0.0	0.0	31.1
99–08	1130		0.8	0.0	0.0	0.3	0.0	8.2	6.0	0.0	0.1	0.3	0.0	0.0	10.2	4.6	2.4	0.1	0.0	0.0	0.3	7.2	0.0	0.0	0.0	0.1	0.0	0.0	34.3	0.0	0.5	24.5
09–16	1554		0.2	0.1	0.0	0.2	0.0	3.9	4.6	0.0	0.0	0.1	0.0	0.1	8.6	6.2	0.7	0.1	0.0	0.0	0.3	9.4	0.0	0.0	0.0	0.0	0.0	0.0	35.1	0.0	0.9	29.6

Appendix C37—Percent distribution of Lower Shuswap River Summer (Fraser Early) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.		
T	N	S	T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1986	112	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1987	632	2,3	7.8	2.2	0.2	11.7	0.0	2.2	0.0	2.7	0.8	0.6	0.8	8.2	4.6	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.8	7.3	0.0	0.0	0.0	0.3 47.0		
1988	2072	2,3,4	7.7	0.2	0.0	9.7	0.3	5.1	0.0	1.6	1.4	0.0	0.0	6.3	2.8	0.0	0.1	0.0	0.0	1.2	0.2	0.0	0.0	0.0	0.9	1.4	0.0	0.3	0.0	0.2 60.5	
1989	1682	2,3,4,5	5.1	4.0	0.0	7.2	0.0	1.1	0.0	0.5	0.2	0.0	0.0	12.3	0.4	0.0	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	1.1	0.4	0.0	0.5	0.0	0.0 66.0	
1990	1250	2,3,4,5	27.7	0.0	0.8	19.4	0.3	3.8	3.0	1.8	1.1	0.9	0.0	2.1	1.8	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	7.6	1.5	0.0	0.0	0.0	1.1 26.7	
1991	628	2,3,4,5	33.9	0.0	0.6	22.1	0.5	3.0	0.0	1.3	1.3	0.0	0.0	5.4	1.3	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	5.3	0.6	0.0	0.0	0.0	0.2 21.3	
1992	285	2,3,4,5	12.6	0.0	0.0	17.2	0.0	3.9	0.0	6.0	1.4	0.0	0.0	4.9	4.9	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	5.3	4.6	0.0	0.0	0.0	0.0 36.5	
1993	464	2,3,4,5	6.0	1.7	0.0	12.5	0.0	9.5	0.0	1.1	0.9	0.0	0.0	7.5	1.5	0.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	8.8	3.7	0.0	0.0	0.0	0.0 41.8	
1994	1045	2,3,4,5	9.4	0.0	1.1	17.4	1.7	8.1	0.0	10.0	0.9	0.0	0.9	4.3	1.8	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.5 31.2		
1995	530	2,3,4,5	15.8	0.0	3.8	11.3	4.2	3.4	0.0	0.8	0.2	1.5	0.0	3.4	2.6	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	7.9	0.4	0.0	0.8	0.0	0.6 40.9		
1996	743	2,3,4,5	16.3	0.0	0.0	0.5	0.7	0.4	0.9	0.0	0.1	1.5	0.0	0.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	1.3	0.0	0.0	0.0	0.0 65.5		
1997	608	2,3,4,5	13.3	0.7	0.0	8.7	2.1	0.5	0.0	0.2	0.2	0.7	0.0	3.6	5.6	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	15.6	0.0	0.0	0.3	0.0	0.0 46.5		
1998	754	2,3,4,5	21.5	0.4	9.2	7.0	14.1	0.0	0.0	0.0	0.0	1.1	0.0	0.4	7.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	5.4	0.7	0.0	0.0	0.0	1.2 30.5		
1999	832	2,3,4,5	15.5	0.0	6.0	0.7	4.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.4	0.0	0.0	0.0	0.0 62.6		
2000	718	2,3,4,5	11.0	0.0	9.9	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.4	0.0	0.0	0.1	0.0	0.0	0.0	6.4	1.4	0.0	0.0	0.0	1.0 61.4		
2001	1159	2,3,4,5	8.1	1.2	0.4	0.0	0.0	0.0	0.0	0.3	0.0	1.0	0.1	0.7	9.4	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.5	1.6	0.0	0.3	0.0	0.0 75.2		
2002	1577	2,3,4,5	18.0	0.0	2.5	13.7	4.1	1.3	0.0	0.1	0.0	1.6	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.4	0.0	0.0	0.0	0.0 46.3		
2003	1872	2,3,4,5	9.8	0.9	1.6	7.9	2.5	0.0	0.0	1.3	0.0	0.4	0.0	0.0	7.1	0.2	0.0	0.1	0.0	0.5	0.0	0.0	0.0	4.5	2.4	0.0	0.0	0.0	0.0 60.9		
2004	1156	2,3,4,5	18.3	0.0	1.6	9.3	4.0	0.8	0.0	0.0	0.0	4.8	0.0	0.0	5.4	0.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	11.9	2.8	0.0	0.0	0.0	0.0 39.7		
2005	824	2,3,4,5	15.0	0.0	1.8	12.4	5.3	0.4	3.2	0.0	0.0	1.3	0.0	0.0	13.8	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	7.0	3.6	0.0	0.0	0.0	0.0 35.4		
2006	1323	2,3,4,5	11.9	0.0	2.7	13.2	8.2	0.3	0.9	0.0	0.0	1.7	0.0	0.0	9.8	0.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	7.2	3.1	0.0	0.0	0.0	0.8 39.2		
2007	504	2,3,4,5	7.7	0.2	9.7	3.6	10.1	0.0	1.0	0.0	0.0	0.0	0.4	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	5.2	0.0	0.0	0.0	0.0 54.2		
2008	1771	2,3,4,5	8.8	0.0	0.6	8.1	7.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.0	0.0	0.0	0.0	0.0 60.1		
2009	1691	2,3,4,5	9.2	0.0	1.3	6.4	3.4	0.8	2.3	0.0	0.0	0.6	0.0	0.0	8.9	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	10.0	6.2	0.0	0.0	0.0	0.2 50.4		
2010	2025	2,3,4,5	9.8	0.0	1.5	10.5	3.1	0.0	0.5	0.0	0.0	0.3	0.0	0.0	9.4	0.2	0.1	0.1	0.0	0.1	2.0	0.0	0.0	0.0	9.4	1.9	0.0	0.3	0.0	1.2 50.4	
2011	1853	2,3,4,5	8.1	0.1	1.8	7.6	4.4	1.3	0.7	0.0	0.0	0.0	0.0	1.2	8.3	0.5	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	9.3	2.9	0.0	0.0	0.0	0.1 53.0	
2012	1942	2,3,4,5	6.8	0.0	2.5	7.6	4.4	1.1	1.2	0.0	0.0	0.6	0.0	0.4	10.1	0.2	0.4	0.2	0.0	0.1	2.3	0.0	0.0	0.0	4.5	4.9	0.0	0.0	0.0	0.0 52.8	
2013	8083	2,3,4,5	7.5	0.1	0.5	7.6	2.2	0.2	1.0	0.0	0.0	0.4	0.0	1.6	10.1	0.6	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.0	2.5	2.1	0.0	0.0	0.0	0.9 61.6	
2014	4633	2,3,4,5	11.0	0.2	0.9	7.2	1.9	3.3	1.7	0.0	0.0	0.2	0.0	3.0	5.2	2.2	0.5	0.1	0.0	0.5	0.9	0.0	0.0	0.0	8.1	1.8	0.0	0.0	0.0	0.9 50.5	
2015	5046	2,3,4,5	6.6	0.2	0.2	3.6	1.4	0.5	1.2	0.0	0.0	0.7	0.0	0.5	8.4	2.3	0.5	0.0	0.0	0.8	1.0	0.0	0.0	0.0	2.9	3.7	0.0	0.1	0.0	1.4 64.1	
2016	2177	2,3,4,5	9.7	0.5	1.7	8.9	2.2	2.0	1.1	0.0	0.0	1.2	0.0	0.4	6.6	0.3	0.0	0.0	0.0	0.4	0.8	0.0	0.0	0.0	2.5	1.1	0.0	0.0	0.0	0.0 60.5	
85–95	994		14.8	0.7	0.8	14.6	0.9	4.7	0.4	2.9	0.9	0.3	0.1	5.8	2.1	0.1	0.0	0.0	0.0	1.3	0.4	0.6	0.0	0.0	5.8	1.6	0.0	0.2	0.0	0.3 40.6	
96–98	702		17.0	0.4	3.1	5.4	5.6	0.3	0.3	0.1	0.1	1.1	0.0	1.5	5.8	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	9.8	0.7	0.0	0.1	0.0	0.4 47.5		
99–08	1174		12.4	0.2	3.7	6.9	5.1	0.3	0.7	0.2	0.0	1.1	0.0	0.1	6.8	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	6.0	2.4	0.0	0.0	0.0	0.2 53.5		
09–16	3431		8.6	0.1	1.3	7.4	2.9	1.2	1.2	0.0	0.0	0.5	0.0	0.9	8.4	0.8	0.2	0.1	0.0	0.0	0.4	0.8	0.0	0.0	0.0	6.1	3.1	0.0	0.0	0.0	0.6 55.4

Appendix C38—Percent distribution of Skagit Spring Fingerling total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1987	28	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	68	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	38	4	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	4	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1995	66	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996	538	2,3	0.6	0.4	0.0	0.0	0.0	0.6	0.6	0.0	5.4	0.4	0.0	0.2	12.8	0.2	0.0	0.0	0.0	0.2	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.9	62.5
1997	915	2,3,4	1.5	0.0	0.0	0.2	0.0	2.2	3.1	0.3	1.7	0.4	0.0	1.1	11.7	0.0	0.0	0.0	0.0	0.9	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.2	66.2
1998	674	2,3,4,5	2.4	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.6	0.7	0.0	0.3	19.4	0.0	0.0	0.0	0.0	0.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.8	62.6
1999	1800	2,3,4,5	0.9	0.2	0.0	0.3	0.3	2.3	5.3	0.0	0.1	0.0	0.0	0.0	7.7	0.4	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.4	77.9
2000	1208	2,3,4,5	1.9	0.0	0.6	0.0	0.0	6.5	6.5	0.0	0.0	0.6	0.0	0.2	11.9	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.2	65.3
2001	1927	2,3,4,5	1.8	0.1	0.4	0.3	0.0	5.9	4.0	0.0	0.0	0.6	0.0	0.0	6.6	0.2	0.0	0.0	0.0	0.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	68.5
2002	1801	2,3,4,5	2.8	0.0	0.8	0.6	0.0	5.6	5.2	0.0	0.1	0.6	0.0	0.0	7.7	0.3	0.1	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	71.5
2003	685	2,3,4,5	2.6	0.0	0.4	1.3	0.0	18.7	0.9	0.0	0.3	0.0	0.0	0.0	6.9	1.5	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	63.5
2004	1157	2,3,4,5	0.0	0.0	0.0	0.5	0.0	12.3	2.5	0.0	0.0	0.0	0.0	0.0	12.4	2.4	0.0	0.3	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.3	65.2
2005	1150	2,3,4,5	1.8	0.2	0.0	0.0	0.0	13.0	3.5	0.0	0.3	1.7	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	66.8	
2006	1579	2,3,4,5	0.4	0.1	0.0	0.3	0.0	7.6	1.5	0.0	0.0	0.0	0.0	0.0	10.3	0.2	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.3	72.7
2007	2348	2,3,4,5	0.3	0.3	0.0	0.0	0.0	10.0	6.6	0.0	0.0	0.0	0.0	0.0	9.3	1.0	0.0	0.0	0.0	0.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.6	66.0
2008	1404	2,3,4,5	0.4	0.0	0.0	0.0	0.0	4.1	5.4	0.0	0.3	0.3	0.0	0.0	7.1	0.9	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.7	57.4
2009	905	2,3,4,5	0.6	0.0	0.0	0.0	0.0	3.0	4.3	0.0	0.0	0.0	0.0	0.0	7.1	1.2	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	0.0	0.6	58.1
2010	1479	2,3,4,5	0.1	0.0	0.0	0.0	0.0	2.3	2.9	0.0	0.0	0.0	0.0	0.0	7.9	0.3	0.0	0.0	0.0	0.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	1.1	63.0
2011	1319	2,3,4,5	0.4	0.1	0.0	0.0	0.0	1.4	3.6	0.0	0.0	0.5	0.0	0.0	5.5	0.0	0.2	0.0	0.0	0.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	1.2	63.7
2012	1580	2,3,4,5	0.0	0.0	0.0	0.0	0.0	3.2	2.8	0.0	0.0	0.5	0.0	0.0	11.1	0.3	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.9	54.1
2013	1205	2,3,4,5	0.7	0.6	0.0	0.0	0.0	2.8	3.6	0.0	0.0	0.5	0.0	0.0	7.4	0.4	0.2	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0	0.2	52.8
2014	1041	2,3,4,5	2.1	0.2	0.0	1.1	0.0	3.2	4.8	0.0	0.0	0.4	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.1	46.0
2015	1047	2,3,4,5	0.9	0.0	0.0	0.0	0.0	1.4	1.1	0.0	0.0	0.4	0.0	0.0	8.9	0.5	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.5	64.9
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96–98	794		2.0	0.0	0.0	0.1	0.0	1.1	3.5	0.2	1.2	0.6	0.0	0.7	15.6	0.0	0.0	0.0	0.0	0.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.0	64.4
99–08	1506		1.3	0.1	0.2	0.3	0.0	8.6	4.1	0.0	0.1	0.4	0.0	0.0	9.1	0.7	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.8	67.5
09–16	1225		0.7	0.1	0.0	0.2	0.0	2.5	3.3	0.0	0.0	0.3	0.0	0.0	8.0	0.4	0.0	0.0	0.0	0.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	19.5	0.0	0.7	57.5

Appendix C39—Percent distribution of Skagit Spring Yearling total fishing mortalities among fisheries and escapement.

Appendix C40—Percent distribution of Skykomish Fall Fingerling (Snohomish Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	16	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2003	130	2,3	3.8	0.0	0.0	0.0	0.0	0.0	12.3	7.7	0.0	0.0	0.0	0.0	0.0	16.2	3.1	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.9
2004	609	2,3,4	0.5	0.0	0.0	0.0	0.0	0.0	16.6	3.6	0.0	0.0	1.5	0.0	0.0	7.9	0.5	0.0	0.0	0.0	0.0	0.5	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.3
2005	549	2,3,4,5	0.7	0.0	0.0	0.4	0.0	0.0	18.4	6.4	0.0	0.7	0.0	0.0	0.0	9.1	3.1	0.5	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0
2006	635	2,3,4,5	1.1	0.0	0.0	0.3	0.0	0.0	14.2	3.3	0.0	0.2	0.0	0.0	0.0	8.0	5.2	0.0	0.0	0.0	0.0	0.9	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.8
2007	1144	2,3,4,5	0.4	0.0	0.0	0.2	0.0	0.0	15.0	5.6	0.0	0.0	0.0	0.0	0.0	6.6	3.1	0.0	0.0	0.0	0.0	1.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	60.1
2008	784	2,3,4,5	0.3	0.0	0.0	0.0	0.0	0.0	8.5	1.8	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4
2009	351	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.8	0.0	0.0	0.0	0.0	0.0	4.0	1.1	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.2
2010	414	2,3,4,5	0.0	0.2	0.0	0.0	0.0	0.0	2.7	1.4	0.0	0.0	0.0	0.0	0.0	4.3	0.7	0.0	0.0	0.0	0.0	1.7	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.1
2011	497	2,3,4,5	0.2	0.4	0.0	0.0	0.0	0.0	1.8	3.6	0.0	0.0	0.0	0.0	0.0	6.2	1.6	0.6	0.0	0.0	0.4	0.4	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.7
2012	1026	2,3,4,5	0.3	0.0	0.0	0.0	0.0	0.2	3.9	2.5	0.0	0.0	0.1	0.0	0.0	16.3	2.9	0.0	0.0	0.0	0.2	0.4	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.6	59.9
2013	628	2,3,4,5	0.3	0.0	0.3	0.0	0.0	0.0	6.8	6.5	0.0	0.0	0.0	0.0	0.0	10.8	1.8	0.6	0.0	0.0	0.0	0.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.8
2014	480	2,3,4,5	1.3	0.0	0.0	0.0	0.0	0.0	1.5	2.1	0.0	0.0	0.2	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.3
2015	505	2,3,4,5	1.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	0.0	0.0	0.0	0.0	0.0	3.0	4.2	0.0	0.0	0.0	0.0	2.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	79.6
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
99–08	744		0.6	0.0	0.0	0.2	0.0	0.0	14.5	4.1	0.0	0.2	0.3	0.0	0.0	7.1	2.4	0.1	0.0	0.0	0.0	0.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	61.5
09–16	557		0.4	0.1	0.0	0.0	0.0	0.0	2.9	3.3	0.0	0.0	0.0	0.0	0.0	8.3	1.8	0.2	0.0	0.0	0.1	0.7	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.9	67.4

Appendix C41—Percent distribution of Sooes (now Tsoo-Yess) Fall Fingerling (Washington Coastal Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement									
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	16	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	32	2,3	3.1	3.1	3.1	12.5	0.0	3.1	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.6	
1989	221	2,3,4	8.1	19.0	0.5	2.7	0.0	3.6	5.9	0.0	3.2	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.8	
1990	170	3,4,5	11.2	5.3	4.1	16.5	0.0	17.6	0.0	1.8	0.6	0.0	0.0	1.8	6.5	1.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	
1991	371	2,4,5	14.3	0.0	0.3	9.7	0.0	7.3	0.0	0.3	1.6	0.0	0.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.3	
1992	328	2,3,5	10.1	0.3	0.3	10.7	0.0	20.7	1.5	2.1	0.0	0.0	0.0	3.0	1.2	0.3	0.0	0.0	0.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.3	
1993	246	2,3,4	6.5	0.4	0.0	8.1	2.0	16.3	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.0	
1994	240	2,3,4,5	18.8	11.3	3.8	10.4	0.8	7.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.1		
1995	175	2,3,4,5	13.7	0.0	0.0	6.3	0.0	13.1	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.4		
1996	224	2,3,4,5	15.2	0.0	0.0	0.4	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.0		
1997	300	2,3,4,5	11.7	0.0	6.3	5.3	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.3	4.0	0.0	0.0	1.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.7		
1998	282	2,3,4,5	9.6	0.0	1.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.8		
1999	232	2,3,4,5	13.4	0.0	12.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.9		
2000	91	2,3,4,5	0.0	0.0	5.5	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.5		
2001	309	2,3,4,5	9.4	0.0	3.2	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.5	
2002	564	2,3,4,5	12.9	0.2	1.2	3.9	2.3	0.7	0.0	0.0	0.0	1.4	0.0	0.0	0.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.7	
2003	793	2,3,4,5	14.1	0.1	0.0	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.6	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8	
2004	923	2,3,4,5	19.5	0.8	1.4	16.3	0.0	0.8	1.1	0.0	0.0	0.0	0.0	0.8	0.0	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.7		
2005	508	2,3,4,5	24.8	0.0	2.4	25.4	8.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.7	
2006	240	2,3,4,5	24.2	4.2	4.6	23.8	2.1	1.7	2.9	0.0	0.0	0.0	0.0	0.0	5.0	0.4	1.3	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9
2007	65	2,3,4,5	3.1	0.0	0.0	18.5	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.5		
2008	115	2,3,4,5	8.7	0.0	0.0	14.8	11.3	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.0	
2009	556	2,3,4,5	11.7	1.3	1.1	8.1	2.3	0.0	4.7	0.0	0.0	1.4	0.0	0.0	1.6	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.6	
2010	441	2,3,4,5	4.3	0.0	2.0	5.7	1.4	0.9	1.1	0.0	0.0	0.0	0.0	0.0	4.1	0.2	3.4	0.0	0.0	0.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.8	
2011	1126	2,3,4,5	10.0	0.4	0.9	4.6	1.4	1.8	2.0	0.0	0.0	1.2	0.0	0.0	2.0	0.4	1.9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.8	
2012	587	2,3,4,5	13.5	0.0	1.4	10.7	4.8	1.0	1.0	0.0	0.0	0.0	0.0	0.0	2.4	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.4	
2013	547	2,3,4,5	6.0	0.0	0.5	1.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.5	1.8	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.5	
2014	713	2,3,4,5	4.6	0.0	0.7	6.2	0.1	2.8	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.3	
2015	1314	3,4,5	5.8	0.0	0.6	3.6	0.7	0.5	1.4	0.0	0.0	0.0	0.0	0.8	0.7	3.6	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.3		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	250		11.8	5.2	1.3	9.2	0.4	12.3	1.1	1.0	1.2	0.0	0.0	1.2	1.1	0.4	0.4	0.0	0.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.7	
96–98	269		12.1	0.0	2.6	8.7	0.0	0.1	0.0	0.2	0.3	0.0	0.0	0.1	1.3	0.0	0.0	0.3	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.5		
99–08	510		16.9	0.7	3.6	11.7	2.2	0.6	0.9	0.0	0.0	0.2	0.0	0.0	1.5	0.2	0.7	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.6	
09–16	755		8.0	0.2	1.0	5.7	1.8	1.0	1.5	0.0	0.0	0.4	0.0	0.0	1.6	0.9	1.8	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.7	

Appendix C42—Percent distribution of Spring Creek Tule (Spring Creek Hatchery) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement												
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.					
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S				
79–84	4266		0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.2	0.8	0.1	0.0	0.1	1.1	1.2	16.0	5.7	1.8	0.4	0.5	0.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.5	0.2	17.7		
1985	1225	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.7	0.2	0.0	0.0	0.0	0.2	0.0	0.0	12.1	2.4	4.2	0.1	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	25.3	0.2	0.1	37.6	
1986	334	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	24.0	2.4	3.0	0.0	0.0	0.0	0.0	1.5	1.8	0.9	2.4	1.5	0.0	0.0	0.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	33.2	1.2	7.8	14.7	
1987	134	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	8.2	2.2	0.7	0.0	14.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	17.9	7.5	3.0	13.4	
1988	798	2,3,4,5	0.0	0.0	0.0	0.5	0.0	0.0	26.9	0.0	0.4	0.3	0.0	0.0	0.0	1.5	4.6	12.4	1.8	4.9	1.3	0.0	1.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	23.6	3.6	3.1	8.8	
1989	2297	2,3,4,5	0.0	0.0	0.0	0.3	0.0	0.0	17.0	3.0	0.0	0.0	0.0	0.0	0.4	0.5	19.4	2.2	7.6	1.0	0.0	0.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	3.0	0.0	12.9		
1990	2394	2,3,4,5	0.0	0.0	0.0	0.3	0.0	0.0	20.3	4.1	0.4	0.1	0.0	0.3	0.8	0.9	12.0	7.2	3.6	0.0	0.0	0.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	19.9	2.0	0.0	22.1		
1991	2878	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	15.6	1.3	0.3	0.1	0.0	0.0	0.4	0.4	13.0	3.2	5.8	1.7	0.0	0.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	30.3	3.4	0.0	20.8		
1992	3133	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	14.4	2.1	0.3	0.0	0.0	0.2	0.4	0.7	22.9	4.4	6.0	0.8	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	13.2	3.3	0.2	27.6		
1993	1238	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	20.0	4.2	0.0	0.0	0.0	0.0	0.3	0.0	17.9	2.3	1.5	0.6	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	19.1	3.0	0.0	25.4		
1994	948	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	22.0	4.0	0.0	0.0	0.0	0.0	0.9	0.0	2.2	0.0	1.4	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.0	0.0	39.8		
1995	917	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	10.7	2.9	0.0	0.0	0.0	0.0	0.4	0.0	1.4	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.1	0.0	1.7	44.9		
1996	873	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	5.6	1.1	0.0	0.0	1.0	0.0	0.0	0.0	0.3	0.0	0.0	54.0	1.5	0.7	30.4		
1997	628	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	13.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.3	4.6	0.2	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	6.4	0.0	43.2	
1998	760	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8	3.0	0.3	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	15.4	11.4	1.6	62.4		
1999	1578	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	1.3	8.6	1.8	10.8	1.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	35.0	6.3	1.4	30.2	
2000	905	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.0	4.2	0.1	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	6.5	0.0	53.9	
2001	6492	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.7	2.3	11.6	0.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	2.1	0.1	50.3	
2002	4555	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	10.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	14.7	7.1	4.3	1.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	23.7	2.4	0.0	33.5	
2003	6249	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	10.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	8.6	3.4	4.0	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	21.6	2.2	0.5	45.5	
2004	6313	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	12.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.4	2.4	3.3	1.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	17.9	1.8	0.0	50.5	
2005	2432	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	25.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.1	0.9	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	0.9	0.2	35.8	
2006	729	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	17.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.7	1.4	1.5	0.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	35.5	1.0	0.0	31.6	
2007	1069	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	6.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.2	4.4	1.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	35.8	1.4	0.0	39.4		
2008	2285	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	7.6	2.9	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	39.0	2.5	0.0	34.0	
2009	2569	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	0.0	0.0	0.4	0.0	0.0	0.0	0.2	1.7	4.2	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	35.2	2.3	0.2	46.0	
2010	3965	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	4.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	12.5	5.4	4.4	0.3	0.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	35.9	1.4	0.1	29.6	
2011	2237	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	5.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	6.0	6.5	2.2	0.2	0.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	41.6	1.3	0.3	28.1	
2012	2509	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	2.7	9.5	8.9	4.8	0.6	0.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	33.8	2.5	0.2	26.6	
2013	2612	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	1.5	6.0	4.4	1.6	1.1	0.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	43.6	6.2	0.0	25.9	
2014	4969	2,3,4,5	0.0	0.0	0.0	0.4	0.0	0.0	3.0	1.9	0.0	0.0	0.0	0.1	0.0	0.0	0.5	11.4	7.2	5.9	0.2	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	43.1	3.6	0.2	21.5	
2015	6823	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	14.6	5.6	5.9	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	43.2	3.0	0.4	21.4		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	1481		0.0	0.0	0.0	0.1	0.0	0.0	17.9	2.2	0.4	0.0	0.0	0.1	0.6	0.8	11.8	3.1	3.5	0.6	0.0	1.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	25.3	2.5	1.4	24.4		
96–98	754		0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.0	4.4	0.5	0.0	0.0	2.2</											

Appendix C43—Percent distribution of South Puget Sound Fall Fingerling (Puget Sound Hatchery Fingerling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S								
79-84	3947		0.2	0.1	0.0	0.5	0.0	20.8	0.1	1.4	0.3	0.0	1.2	1.6	7.4	1.9	0.1	0.1	0.0	0.1	13.8	29.3	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.1	0.2	12.5			
1985	1497	2,3,4,5	0.8	0.0	0.0	0.0	0.0	18.6	0.2	0.3	0.3	0.0	0.3	1.6	6.8	1.7	0.0	0.1	0.0	0.0	16.6	21.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.3	20.2			
1986	549	2,3,4,5	0.0	0.0	0.0	0.0	0.0	18.9	0.0	0.0	1.3	0.0	0.0	1.6	7.3	4.0	1.1	0.0	0.0	0.0	8.6	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	29.5			
1987	587	2,3,4,5	0.0	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.0	0.0	3.2	11.9	9.0	0.2	0.0	0.0	0.3	9.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	27.4		
1988	2485	2,3,4,5	0.4	0.0	0.0	0.2	0.0	10.4	1.1	1.0	0.6	0.0	0.2	3.0	13.8	7.7	0.4	0.2	0.1	0.2	15.2	22.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.4	19.5			
1989	5711	2,3,4,5	0.1	0.0	0.0	0.3	0.0	8.6	2.0	0.4	0.1	0.0	0.2	3.6	5.0	10.9	0.3	0.9	0.1	0.4	11.6	16.7	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	4.0	28.2			
1990	6112	2,3,4,5	0.0	0.0	0.1	0.3	0.0	23.0	3.8	0.3	0.3	0.0	0.2	0.9	3.8	8.9	0.4	0.0	0.0	0.1	12.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.4	3.9	19.8			
1991	2231	2,3,4,5	0.4	0.0	0.0	0.0	0.0	14.0	2.0	0.1	0.0	0.0	0.1	0.8	1.6	9.5	0.3	0.8	0.0	0.0	8.7	11.8	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.2	16.1	21.5			
1992	1611	2,3,4,5	0.6	0.4	0.0	0.0	0.0	17.3	2.0	0.9	0.4	0.0	0.3	2.4	3.5	8.4	0.6	0.6	0.1	0.0	11.5	23.2	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	2.2	17.8			
1993	1641	2,3,4,5	0.2	0.1	0.0	0.0	0.0	17.6	3.7	0.1	0.5	0.0	0.9	2.0	4.1	5.7	0.2	0.0	0.0	0.0	6.6	22.4	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	3.0	25.9			
1994	1964	2,3,4,5	0.0	0.0	0.0	0.5	0.0	9.1	0.5	0.0	0.2	0.0	0.0	4.6	4.6	0.6	0.0	0.0	0.0	0.0	9.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.2	6.9	44.5			
1995	3961	2,3,4,5	0.2	0.1	0.0	0.1	0.0	5.4	1.2	0.0	1.0	0.0	0.0	0.7	2.1	1.3	0.0	0.0	0.0	0.0	3.4	17.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.5	64.9			
1996	5436	2,3,4,5	0.1	0.0	0.0	0.0	0.0	0.9	1.6	0.0	0.4	0.0	0.0	0.1	4.3	2.5	0.0	0.2	0.0	0.0	3.3	17.3	0.0	0.0	0.0	0.3	0.0	0.0	2.3	0.0	5.0	61.5			
1997	2745	2,3,4,5	0.5	0.0	0.0	0.5	0.0	6.5	1.5	0.0	0.6	0.0	0.0	0.4	1.7	1.2	0.1	0.3	0.0	0.0	2.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	0.8	66.9			
1998	2173	2,3,4,5	1.2	0.0	0.0	0.5	0.0	0.4	1.3	0.0	0.0	0.0	0.0	0.0	1.6	0.9	0.0	0.0	0.0	0.0	3.3	9.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.4	14.0	63.6			
1999	2527	2,3,4,5	0.5	0.0	0.0	0.2	0.0	0.6	2.9	0.0	0.0	0.0	0.0	0.0	3.7	2.8	0.3	0.3	0.0	0.0	3.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	10.5	63.5			
2000	2646	2,3,4,5	0.4	0.1	0.0	0.0	0.0	9.4	4.1	0.0	0.0	0.0	0.0	0.0	2.1	0.3	0.2	0.0	0.0	0.0	4.9	13.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	6.5	53.8			
2001	4198	2,3,4,5	0.1	0.0	0.0	0.0	0.0	8.1	3.0	0.0	0.0	0.0	0.0	0.0	3.4	3.2	0.3	1.2	0.1	0.0	3.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	2.6	53.8			
2002	3892	2,3,4,5	0.8	0.0	0.0	0.8	0.0	10.4	3.2	0.0	0.3	0.0	0.0	0.0	4.4	3.3	0.5	0.7	0.0	0.0	3.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	7.7	43.5			
2003	2426	2,3,4,5	0.7	0.0	0.0	0.8	0.0	13.0	3.6	0.0	0.0	0.0	0.0	0.0	4.4	4.0	0.4	1.1	0.0	0.0	6.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	4.4	42.4			
2004	2295	2,3,4,5	0.3	0.1	0.0	0.6	0.0	16.6	4.0	0.0	0.0	0.0	0.0	0.0	3.3	9.2	1.4	0.3	0.0	0.0	6.8	14.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	4.6	32.8			
2005	2417	2,3,4,5	0.0	0.0	0.0	0.4	0.0	14.2	4.8	0.0	0.0	0.0	0.0	0.0	4.9	5.4	1.2	0.5	0.0	0.0	3.6	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.7	50.7			
2006	3620	2,3,4,5	0.3	0.0	0.2	0.5	0.0	12.0	2.5	0.0	0.0	0.4	0.0	0.0	2.8	6.5	0.5	0.4	0.0	0.0	5.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	2.5	49.1			
2007	3649	2,3,4,5	0.2	0.0	0.0	0.2	0.0	11.7	3.7	0.0	0.0	0.0	0.0	0.0	2.5	5.4	0.2	0.4	0.0	0.0	2.8	16.3	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.2	0.3	45.2			
2008	2602	2,3,4,5	0.0	0.0	0.0	0.3	0.0	7.1	3.5	0.0	0.0	0.0	0.0	0.0	2.7	3.2	0.4	0.0	0.0	0.0	2.3	14.6	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.3	1.3	51.0			
2009	2946	2,3,4,5	0.1	0.0	0.0	0.2	0.0	5.1	8.0	0.0	0.0	0.0	0.0	0.0	4.8	2.8	0.3	0.0	0.0	0.0	2.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.2	1.5	50.2			
2010	2958	2,3,4,5	0.1	0.0	0.0	0.1	0.1	5.5	5.4	0.0	0.0	0.5	0.0	0.0	2.3	2.8	1.4	0.1	0.0	0.1	0.9	11.2	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.3	67.2			
2011	2939	2,3,4,5	0.3	0.1	0.0	0.0	0.0	3.4	5.3	0.0	0.0	0.0	0.0	0.0	3.6	3.0	0.4	0.1	0.0	0.0	1.5	14.5	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	4.2	57.9			
2012	2901	2,3,4,5	0.0	0.0	0.0	0.1	0.0	4.2	4.2	0.0	0.0	0.0	0.0	0.0	5.2	5.1	0.7	0.7	0.0	0.0	1.2	19.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	4.4	53.7			
2013	2954	2,3,4,5	0.2	0.4	0.0	0.1	0.0	2.9	2.6	0.0	0.0	0.0	0.0	0.0	3.6	3.4	0.7	0.0	0.0	0.0	1.6	12.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.7	69.3			
2014	2128	2,3,4,5	1.1	0.6	0.0	0.2	0.0	5.8	3.8	0.0	0.0	0.0	0.0	0.0	6.9	3.9	2.0	0.5	0.0	0.0	0.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.8	55.8			
2015	2159	2,3,4,5	0.5	0.0	0.0	0.0	0.0	2.5	2.6	0.0	0.0	0.2	0.0	0.0	12.4	9.4	0.8	0.3	0.0	0.1	1.6	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	6.0	43.9			
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85-95	2577		0.2	0.1	0.0	0.1	0.0	14.9	1.5	0.3	0.4	0.0	0.2	2.2	5.9	6.2	0.3	0.2	0.0	0.1	10.2	18.7	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.1	3.5	29.0			
96-98	3451		0.6	0.0	0.0	0.4	0.0	2.6	1.5	0.0	0.3	0.0	0.0	0.2	2.5	1.5	0.0	0.2	0.0	0.0	2.9	14.3	0.0	0.0	0.0	0.1	0.0	0.0	2.0	0.2	6.6	64.0			
99-08	3027		0.3	0.0	0.0	0.4	0.0	10.3	3.5	0.0	0.0	0.0	0.0	0.0	3.4	4.3	0.5	0.5	0.0	0.0	4.2	12.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	4.3	48.6			
09-16	2712		0.3	0.1	0.0	0.1	0.0	4.2	4.6	0.0	0.0	0.1	0.0	0.0	5.5	4.4	0.9	0.2	0.0	0.0	1.4	14.8	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.3	56.8			

Appendix C44—Percent distribution of South Puget Sound Fall Yearling (Puget Sound Hatchery Yearling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement									
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	360		0.0	0.0	0.0	0.0	0.0	5.3	0.0	1.3	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	14.6	65.7	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.4	0.0	8.4	
1985	71	4,5	0.0	0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	7.0	57.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1988	125	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	723	2,3	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.8	0.1	1.9	0.0	0.0	0.0	0.0	0.0	26.8	65.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.3	2.1	
1990	1401	2,3,4	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.1	0.1	0.0	0.0	0.4	0.1	1.6	0.1	0.0	0.0	0.0	29.8	56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.1	9.9	
1991	1228	2,3,4,5	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.9	0.0	0.6	0.0	0.0	10.7	62.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	16.9	
1992	573	2,3,4,5	0.0	0.0	0.0	0.0	0.0	4.9	1.0	0.0	0.0	0.0	0.0	0.0	0.7	4.7	0.7	0.0	0.0	0.0	23.6	52.5	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.2	10.3	
1993	456	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.0	6.4	71.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	16.9	
1994	791	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.5	0.0	0.0	0.0	0.0	15.2	63.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4
1995	714	2,3,4,5	0.0	0.0	0.0	0.0	0.0	5.5	1.7	0.0	0.0	0.0	0.0	0.0	2.1	0.3	0.0	0.0	0.0	0.0	7.6	73.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	0.1	7.6	
1996	787	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	1.7	0.1	0.0	0.0	0.0	0.0	2.5	90.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	2.9	
1997	581	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.9	0.5	2.1	0.7	0.0	0.0	3.3	70.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	
1998	117	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	1.7	86.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	7.7	
1999	107	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	3.7	0.0	0.0	0.0	0.0	0.9	82.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
2000	95	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	9.5	74.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	
2001	91	2,4,5	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	80.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	
2002	10	2,3,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	
2003	7	3,4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.9	
2004	227	2,4,5	0.0	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	52.9	
2005	313	2,3,5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	0.0	0.0	0.0	13.1	61.3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	19.5	
2006	404	2,3,4	0.0	0.0	0.0	0.0	0.0	5.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	13.6	53.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	20.0	
2007	316	2,3,4,5	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.6	0.0	0.9	0.0	12.7	54.4	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.3	23.4	
2008	117	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	4.3	48.7	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	2.6	29.9		
2009	211	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	4.3	0.5	0.0	0.0	0.0	0.0	2.4	57.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.3	0.0	18.5	
2010	172	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	2.3	0.6	1.7	0.0	0.0	0.0	5.2	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	51.7	
2011	241	3,4,5	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.4	0.8	0.0	2.1	23.2	63.1	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	1.2		
2012	217	2,4,5	0.0	0.0	0.0	0.0	0.0	1.4	5.5	0.0	0.0	0.0	0.0	0.0	2.3	3.7	3.7	1.4	0.0	0.0	31.8	46.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	
2013	37	2,3,5	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6		
2014	8	2,3,4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5		
2015	10	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	860		0.0	0.0	0.0	0.0	0.0	3.1	0.5	0.0	0.0	0.0	0.5	1.0	1.8	0.1	0.1	0.0	0.0	15.5	63.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.1	13.0		
96–98	684		0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0	1.3	0.3	1.0	0.3	0.0	0.0	2.9	80.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	11.8	
99–08	315		0.0	0.0	0.0	0.0	0.0	2.8	1.2	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.2	0.0	0.0	9.8	53.1	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.5	29.0	
09–16	210		0.0	0.0	0.0	0.0	0.0	0.8	4.9	0.0	0.0	0.0	0.0	0.0	2.2	1.7	1.5	0.6	0.0	0.5	15.7	50.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.8	0.9	18.9	

Appendix C45—Percent distribution of Squaxin Pens Fall Yearling (Puget Sound Hatchery Yearling) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	150	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	884	2,3	0.0	0.0	0.0	0.0	0.0	1.5	0.1	0.0	0.0	0.0	0.1	1.0	0.5	4.5	0.3	0.0	0.0	35.3	52.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	2.1	1.0		
1990	1634	2,3,4	0.0	0.0	0.0	0.0	0.0	3.5	0.6	0.0	0.1	0.0	0.0	1.1	0.9	4.3	0.4	0.0	0.0	0.0	28.2	57.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.7	2.0	
1991	891	2,3,4,5	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.4	0.4	1.3	9.1	0.3	0.0	0.0	0.0	30.6	49.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.3	2.0	
1992	743	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.5	0.4	0.0	0.4	0.0	0.4	1.2	2.3	4.7	0.3	0.0	0.0	0.0	20.9	62.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.9	3.9	
1993	331	3,4,5	0.0	0.0	0.0	0.0	0.0	9.7	2.4	0.0	0.9	0.0	0.0	1.5	6.6	11.2	0.6	0.0	0.0	0.0	1.2	46.5	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	4.8	12.1	
1994	173	2,4,5	0.0	0.0	0.0	0.0	0.0	26.6	5.2	0.0	0.0	0.0	0.0	4.6	5.8	6.4	0.0	0.0	0.0	0.0	22.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	19.1	
1995	132	2,3,5	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19.7	67.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	3.0	6.8	
1996	253	2,3,4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.4	0.0	0.0	6.3	87.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.2	2.4	
1997	139	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	10.1	84.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
1998	77	3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	2.6	88.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.3	2.6	
1999	166	2,4,5	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	0.0	0.0	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2		
2000	358	3,5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.6	0.0	0.6	0.0	0.0	6.1	89.7	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	
2001	223	4	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	754		0.0	0.0	0.0	0.0	0.0	9.2	1.7	0.0	0.3	0.0	0.2	1.8	3.4	7.1	0.3	0.0	0.0	0.0	20.6	44.4	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.3	7.8	
96–98	196		0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.3	0.0	0.0	0.0	8.2	86.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	1.5	
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Appendix C46—Percent distribution of Salmon River (Oregon Coast) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement									
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S					
79-84	753		19.8	0.3	0.4	16.2	0.0	5.6	0.0	1.3	0.9	0.0	0.0	0.2	0.1	0.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	18.6	0.0	35.5					
1985	392	2,3,5	26.0	1.8	0.0	23.2	0.0	2.3	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	33.4			
1986	386	2,3,4	26.2	0.0	0.0	15.5	0.0	3.9	0.0	4.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.2	0.0	15.5			
1987	790	2,3,4,5	16.5	0.0	0.0	17.1	0.0	2.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9	0.1	37.5			
1988	1299	2,3,4,5	12.7	0.0	0.0	7.6	0.0	4.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.1	58.4			
1989	1283	2,3,4,5	14.4	0.0	0.0	13.3	0.0	4.3	0.0	0.0	0.2	0.0	0.0	0.7	0.0	0.0	0.0	2.8	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	21.8	0.2	42.0			
1990	1629	2,3,4,5	16.9	1.9	0.0	11.5	1.4	7.4	0.0	0.2	0.6	0.0	0.0	0.2	0.0	1.5	0.2	1.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	34.4			
1991	2688	2,3,4,5	22.2	0.0	0.5	15.4	0.8	5.9	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	22.1	0.0	30.9			
1992	2908	2,3,4,5	3.9	3.0	0.0	6.8	1.8	15.0	0.0	0.6	0.3	0.0	0.0	0.0	0.1	0.1	0.2	1.7	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	51.8			
1993	2349	2,3,4,5	10.1	0.5	0.2	16.7	1.0	18.6	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.5	0.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.0	27.5			
1994	4445	2,3,4,5	13.8	0.4	0.8	14.6	1.8	4.8	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	45.5			
1995	4133	2,3,4,5	8.8	0.2	0.4	5.9	1.1	1.0	0.2	0.1	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	0.0	50.7			
1996	2124	2,3,4,5	17.8	0.0	0.0	1.3	0.2	0.7	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.3	0.0	3.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	46.2	0.0	27.8			
1997	4317	2,3,4,5	30.2	0.0	1.6	3.3	0.4	0.2	0.0	0.1	0.0	0.0	0.0	2.0	0.0	0.0	0.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	42.8			
1998	3534	2,3,4,5	9.1	0.6	0.4	9.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	24.9	0.0	52.0			
1999	2198	2,3,4,5	17.1	0.1	0.0	4.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	0.1	40.8			
2000	2763	2,3,4,5	15.3	0.0	0.4	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	58.7			
2001	3789	2,3,4,5	15.1	0.0	1.0	3.4	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	24.6	0.1	49.6			
2002	5126	2,3,4,5	20.2	0.0	1.9	7.5	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.9	0.1	33.3			
2003	4923	2,3,4,5	14.4	1.4	0.8	6.4	1.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	0.1	39.4			
2004	5233	2,3,4,5	19.0	1.4	0.8	7.6	4.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	0.0	40.9			
2005	4612	2,3,4,5	20.1	0.0	1.3	8.9	5.5	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.8	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.2	0.0	29.7			
2006	1810	2,3,4,5	26.7	0.1	2.2	11.7	6.7	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	25.6	0.2	18.4			
2007	954	2,3,4,5	20.0	0.0	3.1	9.5	5.9	0.2	1.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.1	40.9			
2008	1853	2,3,4,5	16.0	0.0	1.9	7.3	4.5	0.6	0.7	0.0	0.3	0.0	0.0	0.0	0.5	0.8	0.1	0.2	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	53.3			
2009	2542	2,3,4,5	18.9	1.0	1.8	13.5	3.7	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	23.6	0.0	35.3			
2010	3987	2,3,4,5	12.9	0.0	1.4	7.1	1.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.2	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.9	0.1	33.5			
2011	5394	2,3,4,5	11.0	0.0	0.7	5.8	2.4	2.1	1.5	0.0	0.0	0.0	0.0	0.0	1.5	0.6	0.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	29.2	0.0	44.0			
2012	4118	2,3,4,5	17.3	0.3	0.6	9.3	2.4	1.9	2.2	0.0	0.0	0.0	0.0	0.0	0.1	4.2	0.5	0.1	2.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	22.0	0.1	36.0			
2013	8253	2,3,4,5	5.9	0.2	0.7	8.3	1.6	0.5	0.8	0.0	0.0	1.0	0.0	0.0	0.4	2.1	0.7	0.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	53.8			
2014	11599	2,3,4,5	9.8	0.1	0.8	5.7	1.2	1.7	0.1	0.1	0.0	0.1	0.0	0.0	1.3	0.3	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	0.0	56.8			
2015	13883	2,3,4,5	7.7	0.1	0.4	3.8	1.5	0.7	0.4	0.0	0.0	0.5	0.0	0.0	0.1	1.9	0.7	0.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	0.0	57.6			
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85-95	2027		15.6	0.7	0.2	13.4	0.7	6.4	0.0	0.8	0.2	0.0	0.0	0.4	0.0	0.2	0.1	1.1	0.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	0.0	38.9
96-98	3325		19.1	0.2	0.6	4.7	0.7	0.3	0.0	0.1	0.0	0.0	0.0	1.0	0.0	0.1	0.0	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.7	0.0	40.9			
99-08	3326		18.4	0.3	1.3	7.0	3.9	0.7	0.4	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.1	40.5			
09-16	7111		11.9	0.2	0.9	7.6	2.1	1.0	0.8	0.0	0.0	0.2	0.0	0.0	0.1	1.7	0.5	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	0.0	45.3			

Appendix C47—Percent distribution of Skagit Summer Fingerling (Skagit Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray
T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1996	4	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1997	10	2,3	10.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	10.0		
1998	182	2,3,4	3.8	0.0	0.0	0.0	0.0	1.6	3.8	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.0	
1999	179	2,3,4,5	10.6	0.6	0.0	0.0	0.0	0.0	22.3	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.1	
2000	269	2,3,4,5	10.8	0.7	0.0	0.0	0.0	3.3	7.8	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.4
2001	843	2,3,4,5	9.4	2.6	1.1	0.0	0.0	8.8	5.6	0.0	0.0	0.5	0.0	0.0	10.3	0.1	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6
2002	2237	2,3,4,5	13.4	0.0	0.5	1.6	0.5	6.0	1.8	0.0	0.1	0.4	0.0	2.3	4.5	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.2
2003	870	2,3,4,5	7.2	0.1	0.0	4.1	1.4	10.5	3.9	0.0	0.0	0.0	0.0	0.2	8.9	0.3	0.3	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.7
2004	836	2,3,4,5	5.5	0.0	0.0	2.8	0.0	11.5	1.3	0.0	0.0	0.0	0.0	0.0	2.9	0.8	0.0	0.0	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.6
2005	955	2,3,4,5	8.7	0.3	0.0	1.7	2.3	7.3	2.0	0.0	0.4	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.8
2006	1388	2,3,4,5	3.5	1.2	0.2	0.6	0.9	4.3	3.4	0.0	0.2	0.0	0.0	0.0	4.6	0.4	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.2
2007	1464	2,3,4,5	6.2	0.8	0.2	1.0	0.6	8.8	2.1	0.0	0.1	0.3	0.0	0.0	2.3	1.0	0.0	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3
2008	1107	2,3,4,5	5.6	0.0	0.0	1.4	1.0	5.2	4.3	0.0	0.0	0.4	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5
2009	830	2,3,4,5	7.7	1.0	0.8	1.7	0.0	3.6	6.0	0.0	0.0	1.2	0.0	0.0	7.0	0.2	0.0	0.0	0.0	0.0	0.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.8
2010	561	2,3,4,5	8.6	0.5	0.2	1.6	0.0	4.6	4.3	0.0	0.5	3.6	0.0	0.0	2.9	0.5	0.0	0.0	0.0	0.0	0.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0
2011	569	2,3,4,5	4.9	0.0	0.5	0.0	0.0	6.7	5.4	0.0	0.0	0.7	0.0	0.0	6.0	1.1	0.0	0.0	0.0	0.0	0.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.9
2012	533	2,3,4,5	8.6	1.7	0.0	1.9	0.4	2.6	2.3	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.4	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.4
2013	326	2,3,4,5	4.6	1.5	0.0	2.1	0.0	0.9	9.8	0.0	0.0	1.2	0.0	0.0	6.7	0.9	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5
2014	335	2,3,4,5	14.6	2.1	0.0	0.0	0.0	6.3	1.8	0.0	0.0	1.8	0.0	0.0	15.8	0.6	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.8
2015	581	3,4,5	13.4	0.0	0.5	1.0	1.2	1.4	6.5	0.0	0.0	1.2	0.0	0.0	9.3	1.9	0.0	0.0	0.0	0.0	0.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.1
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	182		3.8	0.0	0.0	0.0	0.0	1.6	3.8	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.0
99–08	1015		8.1	0.6	0.2	1.3	0.7	6.6	5.5	0.0	0.1	0.2	0.0	0.3	5.9	0.3	0.0	0.0	0.0	0.0	0.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0
09–16	534		8.9	1.0	0.3	1.2	0.2	3.7	5.2	0.0	0.1	1.4	0.0	0.0	7.2	0.7	0.1	0.0	0.0	0.0	0.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8

Appendix C48—Percent distribution of Stikine River total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement								
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US		
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2001	9	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2002	24	3,4	4.2	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.3	
2003	175	3,4,5	5.7	0.6	2.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.6	2.3	4.6	0.0	0.0	0.0	0.0	0.0	72.6	
2004	247	3,4,5,6	8.5	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0	10.1	0.0	0.0	0.0	0.0	0.0	67.2	
2005	450	3,4,5,6	9.1	2.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	18.9	6.4	19.3	0.0	0.0	0.0	0.0	0.0	35.1	
2006	482	3,4,5,6	8.1	2.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	25.5	8.7	21.2	0.0	0.0	0.0	0.0	0.0	29.0	
2007	377	3,4,5,6	9.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	14.3	11.4	27.1	0.0	0.0	0.0	0.0	0.0	35.0	
2008	423	3,4,5,6	3.8	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	16.1	11.3	19.9	0.0	0.0	0.0	0.0	0.0	44.2	
2009	230	3,4,5,6	11.7	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	2.6	12.6	0.0	0.0	0.0	0.0	0.0	56.5	
2010	248	3,4,5,6	12.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.8	1.2	15.7	0.0	0.0	0.0	0.0	0.0	62.5	
2011	387	3,4,5,6	4.7	5.7	1.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	8.3	0.5	12.9	0.0	0.0	0.0	0.0	0.0	65.4		
2012	621	3,4,5,6	8.9	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.2	15.9	0.0	0.0	0.0	0.0	0.0	68.8		
2013	484	3,4,5,6	4.1	3.5	1.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.9	1.0	12.0	0.0	0.0	0.0	0.0	0.0	75.8		
2014	552	3,4,5,6	3.8	3.6	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.6	0.2	9.6	0.0	0.0	0.0	0.0	0.0	78.1		
2015	772	3,4,5,6	3.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	18.5	0.0	0.0	0.0	0.0	0.0	74.1		
2016	622	4,5,6	3.2	0.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.2	14.1	0.0	0.0	0.0	0.0	0.0	80.5		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
99–08	359		7.4	0.8	2.1	1.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	12.9	7.4	17.0	0.0	0.0	0.0	0.0	0.0	47.2		
09–16	490		6.6	3.0	0.6	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.3	0.7	13.9	0.0	0.0	0.0	0.0	0.0	70.2		

Appendix C49—Percent distribution of Stillaguamish Fall Fingerling (Stillaguamish Wild) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement							
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	N	S	T	N	S	T	N	S	T	N	S		
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	110	2,3,4,5	8.2	0.0	0.0	3.6	0.0	30.0	2.7	0.0	4.5	0.0	0.0	10.0	13.6	0.0	0.0	0.0	0.0	8.2	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
1986	95	3,4,5	5.3	0.0	0.0	0.0	0.0	32.6	0.0	0.0	4.2	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	15.8	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	42	4,5	9.5	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	9.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0
1988	101	2,5	0.0	0.0	0.0	0.0	0.0	5.9	1.0	1.0	3.0	0.0	0.0	6.9	12.9	3.0	0.0	0.0	0.0	0.0	21.8	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1989	305	2,3	0.0	0.0	0.0	0.0	0.0	12.8	5.6	3.6	2.0	0.0	0.0	6.2	16.1	9.2	0.0	0.0	0.0	0.0	16.4	16.7	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
1990	404	2,3,4	0.7	0.0	0.0	1.0	0.0	21.8	4.0	7.9	4.7	0.0	0.7	5.0	11.9	6.7	0.0	0.0	0.0	0.0	5.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0
1991	968	2,3,4,5	0.2	0.0	0.0	0.0	0.0	5.5	2.4	0.0	0.1	0.5	0.0	0.8	4.3	4.9	0.0	0.0	0.0	0.0	3.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
1992	878	2,3,4,5	0.0	0.0	0.0	0.5	0.0	18.2	2.6	0.0	2.2	0.0	0.0	2.1	6.0	5.7	0.0	0.0	0.0	0.0	7.9	40.2	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
1993	925	2,3,4,5	0.0	0.0	0.0	0.8	0.0	13.4	8.8	0.5	0.9	0.6	0.3	1.2	10.3	5.9	0.3	0.0	0.0	0.0	0.2	21.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
1994	478	2,3,4,5	2.9	0.0	0.0	0.6	0.0	7.3	5.6	0.0	1.3	0.0	0.0	1.0	8.8	0.0	0.0	0.0	0.0	0.0	2.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1995	507	2,3,4,5	2.4	0.0	0.0	0.0	0.0	3.7	7.7	0.0	10.5	0.0	0.0	1.6	7.3	0.8	0.0	0.0	0.0	0.0	1.6	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1996	841	2,3,4,5	1.1	0.0	0.0	0.0	0.0	1.1	6.8	0.0	8.2	0.0	0.0	0.5	8.7	0.0	0.0	0.0	0.0	0.0	25.9	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	
1997	844	2,3,4,5	9.8	0.6	0.0	0.2	0.0	7.1	4.5	0.0	1.4	0.9	0.0	0.4	5.3	0.0	0.0	0.0	0.0	0.0	1.3	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
1998	1091	2,3,4,5	10.4	0.3	0.3	1.6	0.0	0.9	1.8	0.0	0.0	0.4	0.0	0.5	2.9	0.0	0.0	0.0	0.0	0.0	1.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
1999	487	2,3,4,5	0.8	1.4	0.0	0.0	0.0	4.5	9.9	0.0	0.6	0.4	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
2000	815	2,3,4,5	5.0	0.0	0.0	0.0	0.0	7.4	1.6	0.0	0.0	0.0	0.0	0.0	2.1	0.5	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
2001	301	3,4,5	2.0	0.0	0.0	0.0	0.0	5.3	4.0	0.0	0.0	0.0	0.0	0.0	5.0	0.3	0.0	0.0	0.0	0.0	1.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
2002	246	4,5	0.0	0.0	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	69.9	
2003	13	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2004	135	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2005	535	2,3	0.9	1.9	0.0	0.0	0.0	14.0	3.2	0.0	0.0	0.0	0.0	0.0	5.8	3.9	0.0	0.0	0.0	0.0	2.1	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
2006	845	2,3,4	2.4	0.1	0.0	0.0	0.0	14.1	0.7	0.0	0.0	0.0	0.0	0.0	4.7	0.7	0.0	0.0	0.0	0.0	1.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
2007	775	2,3,4,5	1.0	1.2	0.0	0.0	0.0	15.2	3.9	0.0	1.0	0.0	0.0	0.0	14.5	1.9	0.0	0.0	0.0	0.0	3.6	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
2008	1192	2,3,4,5	2.3	0.0	0.0	0.0	0.0	4.8	3.4	0.0	0.0	0.0	0.0	0.0	7.3	0.1	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
2009	972	2,3,4,5	1.2	0.1	0.2	0.3	0.6	2.4	4.2	0.0	0.0	0.0	0.0	0.0	7.6	0.2	0.0	0.0	0.0	0.0	1.1	12.4	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
2010	853	2,3,4,5	1.1	0.0	0.0	0.0	0.0	8.3	8.1	0.0	0.0	0.7	0.0	0.0	9.4	2.5	0.5	0.0	0.0	0.0	2.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
2011	1314	2,3,4,5	1.4	0.2	0.0	0.0	0.0	4.9	7.5	0.0	0.0	3.0	0.0	0.0	7.8	0.7	0.2	0.0	0.0	0.0	1.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.2
2012	1076	2,3,4,5	1.6	0.3	0.0	0.3	0.0	4.0	1.9	0.0	0.0	0.5	0.0	0.0	7.3	0.3	0.0	0.0	0.0	0.0	0.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
2013	391	2,3,4,5	1.5	2.3	0.8	0.0	0.0	7.9	9.2	0.0	0.0	1.3	0.0	0.0	13.6	5.4	0.0	0.0	0.0	0.0	1.0	21.2	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0
2014	784	2,3,4,5	4.5	1.0	0.0	0.8	0.3	9.4	10.3	0.0	0.0	2.4	0.0	0.0	23.1	1.8	0.6	0.0	0.5	0.0	1.3	24.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0
2015	335	2,3,4,5	4.5	0.6	0.0	0.0	0.0	8.1	5.1	0.0	0.0	2.7	0.0	0.0	21.5	1.2	0.0	0.0	0.0	0.0	4.8	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
85–95	693		1.0	0.0	0.0	0.5	0.0	11.7	5.2	1.4	3.3	0.2	0.2	1.9	8.1	4.0	0.1	0.0	0.0	0.0	3.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
96–98	925		7.1	0.3	0.1	0.6	0.0	3.0	4.4	0.0	3.2	0.4	0.0	0.4	5.6	0.0	0.0	0.0	0.0	0.0	0.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	5.8	51.8
99–08	736		2.3	0.5	0.0	0.0	0.0	8.5	3.9	0.0	0.3	0.1	0.0	0.0	7.2	0.6	0.0	0.0	0.0	0.0	1.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	5.0	61.4
09–16	818		2.3	0.6	0.1	0.2	0.1	6.4	6.6	0.0	0.0	1.5	0.0	0.0	12.9	1.7	0.2	0.0	0.1	0.0	1.8	13.2	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0

¹ Estimates for this year can only be used for distribution of fishing mortalities because the escapement data are insufficient.



Appendix C50—Percent distribution of Columbia River Summers (Columbia River Summer) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement												
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC	Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S						
79–84	282		23.0	0.0	0.9	7.8	0.0	16.8	0.0	3.7	4.7	0.7	1.2	0.7	2.0	0.8	1.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	31.2					
1985	6	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
1986	30	2,3	0.0	0.0	0.0	3.3	0.0	6.7	0.0	13.3	13.3	0.0	0.0	0.0	0.0	3.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	3.3	36.7			
1987	110	2,3,4	14.5	0.9	0.0	5.5	0.0	11.8	0.9	2.7	5.5	0.0	0.0	0.0	3.6	14.5	0.9	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	3.6	20.9
1988	291	2,3,4,5	1.7	3.4	0.0	10.0	2.1	22.3	4.8	0.0	7.9	0.0	0.0	1.4	0.0	3.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	2.7	0.0	26.1
1989	707	2,3,4,5	7.1	2.0	0.6	5.4	0.0	16.0	1.4	0.6	0.3	0.6	0.0	2.0	2.1	9.8	2.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	37.8
1990	861	2,3,4,5	10.7	0.0	0.0	7.8	0.0	20.9	0.0	1.2	1.4	0.0	0.0	0.3	0.6	3.5	1.4	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.2	0.5	37.6
1991	558	2,3,4,5	5.6	0.0	0.0	3.0	0.0	8.4	0.9	0.7	2.2	0.0	0.0	1.4	0.0	3.2	1.8	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.5	0.9	64.2
1992	323	2,3,4,5	16.1	0.0	0.0	3.1	0.0	14.2	0.0	1.9	0.9	0.0	0.0	0.0	0.6	3.7	0.0	2.5	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.6	53.6	
1993	167	2,3,4,5	9.6	0.0	0.0	1.8	0.0	20.4	2.4	0.0	3.0	0.0	0.0	0.0	0.0	4.2	1.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.6	49.7	
1994	44	2,3,4,5	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	65.9		
1995	174	2,3,4,5	4.6	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.6
1996	359	2,3,4,5	12.5	0.8	0.0	2.2	0.0	3.3	0.0	0.0	3.6	0.0	0.0	0.3	2.5	0.6	0.0	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	2.2	1.4	66.6	
1997	1183	2,3,4,5	9.9	0.1	4.1	0.3	1.4	2.0	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.0	3.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1	77.1	
1998	1705	2,3,4,5	9.0	0.3	1.0	0.1	1.9	0.0	0.4	0.0	0.1	0.2	0.0	0.0	0.1	0.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.2	83.3	
1999	987	2,3,4,5	13.6	0.6	2.7	0.6	1.0	0.6	4.4	0.0	0.5	1.0	0.0	0.0	1.1	5.2	0.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.5	0.0	61.2	
2000	2976	2,3,4,5	22.8	1.4	2.9	0.6	2.0	4.2	4.6	0.0	0.0	0.4	0.0	0.0	1.0	0.9	1.3	1.9	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.8	1.9	0.1	52.7	
2001	6994	2,3,4,5	16.3	2.2	1.6	0.6	1.0	13.6	2.5	0.0	0.0	0.6	0.0	0.0	0.4	7.4	2.4	10.1	1.3	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	0.3	36.1
2002	10545	2,3,4,5	24.3	0.0	1.4	14.5	1.7	14.9	1.4	0.0	0.0	0.3	0.0	0.0	0.1	5.7	3.2	3.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.3	0.3	24.6
2003	7210	2,3,4,5	29.9	0.7	1.2	13.0	1.5	12.3	0.4	0.0	0.0	1.0	0.0	0.0	0.1	3.2	0.5	4.3	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	6.1	0.3	22.1
2004	4340	2,3,4,5	16.1	0.5	1.2	6.1	1.6	14.0	1.3	0.0	0.0	0.2	0.0	0.0	0.4	5.5	0.7	6.7	1.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	15.9	0.1	20.2
2005	8458	2,3,4,5	10.8	0.0	0.8	7.1	3.0	12.3	0.9	0.0	0.0	0.1	0.0	0.0	0.2	3.1	0.4	4.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	8.9	0.0	39.7
2006	3612	2,3,4,5	12.9	0.1	0.7	4.0	0.5	12.0	1.2	0.0	0.1	0.5	0.0	0.0	0.4	3.0	0.1	0.4	0.3	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	10.8	0.0	39.2
2007	4517	2,3,4,5	12.0	2.4	2.3	1.5	2.1	6.6	1.3	0.0	1.0	0.4	0.0	0.0	0.6	3.1	0.1	1.7	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	19.1	0.4	33.8
2008	5006	2,3,4,5	8.4	0.1	0.6	0.9	0.6	6.4	2.7	0.0	0.1	0.6	0.0	0.0	0.5	2.9	0.6	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	9.8	0.2	47.6
2009	4115	2,3,4,5	8.8	0.3	0.5	1.5	0.6	5.8	6.7	0.0	0.0	0.3	0.0	0.0	0.1	1.6	0.5	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	8.5	0.0	46.1
2010	6011	2,3,4,5	7.8	0.0	1.0	1.7	1.1	6.1	0.7	0.0	0.0	0.5	0.0	0.0	0.8	5.0	0.4	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	8.4	0.0	42.5
2011	4816	2,3,4,5	10.0	0.1	0.4	1.3	0.8	3.0	2.0	0.0	0.0	0.3	0.0	0.0	0.5	1.3	1.2	2.5	0.3	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	13.6	0.0	39.8
2012	4260	2,3,4,5	17.3	0.9	0.8	4.2	1.1	6.9	3.1	0.0	0.0	0.5	0.0	0.0	0.8	7.6	3.2	5.2	0.9	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	13.4	0.0	21.7
2013	5020	2,3,4,5	7.4	0.4	0.4	2.4	0.9	4.3	2.2	0.0	0.0	0.4	0.0	0.0	0.3	5.6	0.6	3.9	0.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	13.8	0.3	41.3
2014	3835	2,3,4,5	11.0	0.8	0.4	1.0	0.4	9.4	0.3	0.0	0.1	0.8	0.1	0.0	0.3	5.3	1.3	4.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	14.9	0.0	25.5
2015	5672	2,3,4,5	15.5	0.7	1.0	1.9	0.6	2.5	0.7	0.0	0.0	0.7	0.0	0.0	0.0	10.2	2.2	4.7	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	16.2	0.0	11.2
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85–95	440		7.9	0.8	0.1	4.4	0.3	16.0	1.4	0.6	2.2	0.1	0.0	0.9	0.5	4.2	1.1	2.0	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.5	0.4	50.1	
96–98	1082		10.5	0.4	1.7	0.9	1.1	1.8																											

Appendix C51—Percent distribution of Taku River total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement					
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon	S Falcon	WAC	Puget Sd	SEAK			Canada		Southern US			Stray	Esc.
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S	
79–84	315		5.9	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4	2.0	0.0	0.0	0.0	0.0	0.1	89.2
1985	347	4,5,6	2.9	0.0	8.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	86.5
1986	169	5,6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	94.7
1987	52	6	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	70	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	181	3,4	0.6	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	1.7	0.0	0.0	0.0	0.0	0.0	89.5
1996	391	3,4,5	1.5	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	3.1	0.0	0.0	0.0	0.0	0.0	91.6
1997	657	3,4,5,6	0.3	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.4	0.0	0.0	0.0	0.0	0.0	85.7
1998	405	3,4,5,6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	94.8
1999	649	3,4,5,6	1.8	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	86.3
2000	1172	3,4,5,6	1.9	0.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	5.5	0.0	0.0	0.0	0.0	0.0	89.6
2001	1105	3,4,5,6	3.3	0.1	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	5.1	0.0	0.0	0.0	0.0	0.0	81.2
2002	963	3,4,5,6	3.3	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	4.9	0.0	0.0	0.0	0.0	0.0	84.2
2003	995	3,4,5,6	2.1	0.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	7.0	0.0	0.0	0.0	0.0	0.0	85.9
2004	2281	3,4,5,6	3.0	0.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.7	3.7	0.0	0.0	0.0	0.0	0.0	84.6
2005	1451	3,4,5,6	2.8	0.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.7	0.0	10.6	0.0	0.0	0.0	0.0	0.0	53.5
2006	1051	3,4,5,6	2.9	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.2	1.0	11.2	0.0	0.0	0.0	0.0	0.0	63.9
2007	409	3,4,5,6	6.6	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	8.8	0.0	0.0	0.0	0.0	0.0	71.9
2008	576	3,4,5,6	5.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	82.6
2009	349	3,4,5,6	8.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	61.0
2010	225	3,4,5,6	4.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	13.3	0.0	0.0	0.0	0.0	0.0	79.1
2011	335	3,4,5,6	6.9	0.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	77.9
2012	272	3,4,5,6	9.9	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	10.7	0.0	0.0	0.0	0.0	0.0	77.6
2013	350	3,4,5,6	3.4	1.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.0	3.7	0.0	0.0	0.0	0.0	0.0	88.6
2014	359	3,4,5,6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	9.7	0.0	0.0	0.0	0.0	0.0	86.4
2015	400	3,4,5,6	7.5	1.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	7.0	0.0	0.0	0.0	0.0	0.0	77.3
2016	244	4,5,6	0.8	0.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.6	0.0	0.0	0.0	0.0	0.0	84.0
85–95	347		2.9	0.0	8.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	86.5
96–98	484		0.9	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	90.7
99–08	1065		3.3	0.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.2	6.7	0.0	0.0	0.0	0.0	0.0	78.4
09–16	317		5.5	0.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.3	9.6	0.0	0.0	0.0	0.0	0.0	79.0

Appendix C52—Percent distribution of Unuk River total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement									
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray
			T	N	S	T	N	S	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S			
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	28	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	579	3,4	10.5	2.8	3.8	0.7	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.8
1987	409	3,4,5	10.5	0.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.4
1988	414	3,4,5,6	6.8	1.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90.3
1989	167	3,4,5,6	15.6	3.6	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.8
1990	180	4,5,6	27.8	0.6	11.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.2
1991	138	5,6	23.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.3
1992	144	6	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1995	1	3	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996	31	3,4	9.7	12.9	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.7
1997	157	3,4,5	12.1	7.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.7
1998	479	3,4,5,6	9.6	2.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83.7
1999	758	3,4,5,6	7.8	0.7	10.2	0.0	1.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.4
2000	1093	3,4,5,6	9.9	2.4	3.5	0.0	2.0	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.5
2001	1466	3,4,5,6	8.0	0.5	7.8	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.1
2002	1041	3,4,5,6	8.2	0.6	9.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.9
2003	717	3,4,5,6	10.7	0.1	6.1	1.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.5
2004	755	3,4,5,6	7.0	15.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.5
2005	790	3,4,5,6	20.8	2.3	11.5	0.3	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.7
2006	851	3,4,5,6	11.3	7.2	5.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.0
2007	697	3,4,5,6	15.8	6.7	6.3	0.3	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.6
2008	380	3,4,5,6	15.0	3.9	6.6	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71.3
2009	400	3,4,5,6	14.5	1.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.5
2010	411	3,4,5,6	18.7	1.0	6.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.3
2011	283	3,4,5,6	20.1	4.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.1
2012	202	3,4,5,6	35.6	7.9	6.9	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.6
2013	188	3,4,5,6	18.1	13.8	2.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6
2014	203	3,4,5,6	27.1	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.1
2015	216	3,4,5,6	25.9	6.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5
2016	135	4,5,6	20.0	17.0	2.2	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0
85–95	292		15.2	1.3	4.0	1.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.4
96–98	318		10.9	4.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.7
99–08	855		11.4	3.9	7.4	0.4	0.6	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0
09–16	255		22.5	7.3	3.1	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0

Appendix C53—Percent distribution of Columbia River Upriver Bright (Columbia River Upriver Brights) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery									Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.		
			T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S							
79-84	2506		19.1	0.5	0.4	8.1	0.0	7.3	0.0	2.0	2.2	0.1	0.2	0.4	0.3	0.7	0.6	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	9.8	0.4	0.4	47.1					
1985	2533	2,3,4,5	15.2	2.3	0.2	7.8	0.0	7.3	0.1	0.2	1.6	0.0	0.0	1.7	0.2	0.2	0.4	0.4	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26.5	2.6	1.0	31.8				
1986	2951	2,3,4,5	9.1	1.3	0.1	6.9	0.0	11.3	0.2	1.5	1.4	0.0	0.0	0.4	0.3	0.9	0.2	0.6	0.1	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	28.2	2.6	0.2	33.8				
1987	3714	2,3,4,5	17.4	1.6	0.4	11.7	0.0	7.9	0.5	1.9	0.6	0.0	0.0	0.0	0.1	0.4	0.4	1.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	33.0	2.9	0.0	19.9				
1988	2983	2,3,4,5	11.1	1.6	0.4	8.8	0.0	12.0	0.0	0.5	0.5	0.0	0.0	0.1	0.0	0.8	0.3	1.1	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	42.3	2.2	0.2	17.5				
1989	1305	2,3,4,5	14.7	0.0	0.2	15.5	0.5	8.2	0.0	0.2	0.7	0.0	0.0	0.7	0.0	0.8	0.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.1	1.5	0.2	15.9			
1990	706	2,3,4,5	14.2	0.0	1.0	10.9	0.0	8.8	0.0	0.7	0.7	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	32.4	1.1	0.0	27.6				
1991	290	2,3,4,5	7.6	2.1	3.4	6.9	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	3.8	0.0	46.6			
1992	322	2,3,4,5	3.7	1.6	0.0	3.7	0.0	12.4	0.0	0.0	2.5	0.0	0.0	0.6	1.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	5.9	0.0	51.6			
1993	593	2,3,4,5	15.2	0.0	0.0	7.9	0.5	19.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.5	1.2	1.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	13.8	3.9	0.0	35.4			
1994	975	2,3,4,5	10.9	2.5	0.0	8.2	1.2	7.2	0.6	0.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	8.6	0.0	46.4			
1995	738	2,3,4,5	10.2	0.1	2.4	2.7	0.0	7.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	3.4	0.0	62.7			
1996	788	2,3,4,5	4.2	0.0	0.0	1.4	0.0	0.8	0.0	0.0	0.3	0.3	0.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	21.7	5.1	0.0	64.8			
1997	1039	2,3,4,5	13.4	0.6	3.2	5.0	0.0	0.5	0.1	0.6	0.0	0.5	0.0	0.0	0.4	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	9.8	0.0	45.3			
1998	726	2,3,4,5	11.0	3.7	2.8	2.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	8.8	0.1	56.2			
1999	1411	2,3,4,5	14.1	0.0	2.8	7.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	7.9	0.1	51.7			
2000	957	2,3,4,5	25.5	0.1	3.0	0.0	0.0	1.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	4.5	0.3	42.2			
2001	1308	2,3,4,5	6.4	0.0	1.5	0.0	0.0	1.1	0.7	0.0	0.0	0.6	0.0	0.0	0.0	1.8	0.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	8.1	1.0	62.5		
2002	1798	2,3,4,5	16.2	0.0	5.1	1.8	0.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.2	1.6	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	8.2	0.9	43.5		
2003	2340	2,3,4,5	14.4	1.2	0.4	5.5	1.0	0.8	0.7	0.0	0.0	0.2	0.0	0.0	0.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	6.8	0.3	52.9		
2004	2472	2,3,4,5	11.0	1.9	0.7	3.8	1.2	2.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.0	1.3	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	6.1	0.0	54.7		
2005	2611	2,3,4,5	14.9	1.4	1.1	9.5	2.2	3.6	2.0	0.0	0.0	1.2	0.0	0.0	2.0	0.5	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	6.9	0.0	39.8		
2006	1706	2,3,4,5	13.9	1.7	2.1	6.9	1.9	1.5	1.7	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.4	0.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	15.1	0.1	39.9		
2007	600	2,3,4,5	11.3	0.2	2.7	5.5	5.8	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	17.3	0.0	42.3		
2008	867	2,3,4,5	13.3	0.5	0.0	3.0	1.8	1.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	7.8	0.3	47.3		
2009	1341	2,3,4,5	22.1	1.7	1.8	9.2	1.3	0.6	0.9	0.0	0.0	0.0	0.0	0.0	1.0	0.7	1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	5.9	0.1	33.0		
2010	1738	2,3,4,5	5.1	0.4	2.5	1.7	1.3	0.9	1.4	0.0	0.0	0.0	0.0	0.0	2.4	2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	4.5	0.6	58.3	
2011	3068	2,3,4,5	10.7	0.2	0.8	3.0	2.3	1.6	2.5	0.0	0.0	0.9	0.0	0.0	0.3	1.3	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	10.1	0.0	41.3	
2012	4869	2,3,4,5	7.4	0.6	0.5	2.8	0.7	1.0	1.6	0.0	0.0	0.2	0.0	0.0	0.3	2.1	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	17.9	0.1	50.7	
2013	14275	2,3,4,5	5.3	0.0	0.4	2.5	0.9	0.8	1.6	0.0	0.0	0.3	0.0	0.0	0.6	1.8	0.9	0.9	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	10.9	0.2	48.0	
2014	16329	2,3,4,5	14.9	0.3	1.2	5.3	0.6	2.4	0.3	0.0	0.0	0.3	0.0	0.0	0.1	1.3	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9	6.0	0.1	47.3	
2015	13661	2,3,4,5	9.0	0.9	0.7	2.3	1.4	0.5	0.6	0.0	0.0	0.2	0.0	0.0	0.2	1.1	0.8	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	8.3	0.2	59.8	
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85-95	1555		11.8	1.2	0.7	8.3	0.2	10.2	0.1	0.5	0.9	0.0	0.0	0.3	0.2	0.6	0.4	0.4	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	3.5	0.1	35.4	
96-98	851		9.5	1.4	2.0	3.0	0.1	0.5	0.0	0.2	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	7.9	0.0	55.5	
99-08	1607		14.1	0.7	1.9	4.4	1.6	1.5	1.2	0.0	0.0	0.2	0.0	0.2	0.5	0.8	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	8.9	0.3	47.7
09-16	7897		10.7	0.6	1.1	3.8	1.2	1.1	1.3	0.0	0.0	0.3	0.0	0.0	0.4	1.5	1.1	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	9.1	0.2	48.3

Appendix C54—Percent distribution of University Of Washington Accelerated total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement							
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.
T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S	T	N	S			
79–84	4089		0.0	0.0	0.0	0.1	0.0	12.9	0.1	0.4	0.0	0.0	0.6	1.9	3.7	1.8	0.2	0.0	0.0	0.2	10.3	44.8	0.0	0.0	0.0	0.0	0.1	0.0	1.9	0.0	0.0	20.9
1985	855	2,3,4,5	0.0	0.0	0.0	0.0	0.0	14.5	0.9	0.0	0.4	0.0	0.0	4.7	5.0	2.1	0.0	0.0	0.0	0.0	5.1	30.4	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.1	28.5
1986	890	2,3,4,5	0.0	0.0	0.0	0.0	0.0	19.8	1.0	0.0	0.6	0.0	0.0	7.2	3.8	1.7	0.0	0.0	0.0	0.0	17.1	25.2	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.1	18.8
1987	1009	3,4,5	0.5	0.0	0.0	0.1	0.0	11.8	0.7	0.4	0.0	0.0	1.4	0.3	5.4	4.2	0.2	0.3	0.0	0.0	20.9	15.4	0.0	0.0	0.0	0.0	0.0	0.0	24.7	0.0	0.1	13.8
1988	617	4,5	0.0	0.0	0.0	1.3	0.0	19.3	0.0	1.1	0.5	0.0	0.0	0.5	4.7	8.4	0.2	0.3	0.0	0.3	8.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	17.3
1989	44	5	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2004	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2005	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2006	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2007	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2008	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2009	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2010	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2011	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2012	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2013	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2014	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2015	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	918		0.2	0.0	0.0	0.0	0.0	15.4	0.9	0.1	0.3	0.0	0.5	4.1	4.7	2.7	0.1	0.1	0.0	0.0	14.4	23.6	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.1	20.4
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
99–08	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
09–16	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Appendix C55—Percent distribution of White River Spring Yearling total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery								Terminal Fishery						Escapement										
			SEAK			NBC		WCVI	NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.	
			T	N	S	T	S	T	T	N	S	T	N	S	T	S	T	S	N	S	T	N	S	T	N	S	T	N	S				
79–84	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1985	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1986	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1987	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1988	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1989	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1990	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1991	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1992	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1993	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1994	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1995	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1996	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1997	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1998	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1999	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2000	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2001	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2002	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2003	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2004	173	2	Failed Criteria						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2005	1041	2,3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.3	10.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.4	87.2		
2006	1047	2,3,4	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.1	0.0	0.0	0.0	0.2	17.8	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.3	75.5	
2007	776	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	22.6	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.4	72.6
2008	197	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	5.6	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	84.8	
2009	209	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0	2.4	0.0	1.0	82.8	
2010	212	2,3,4,5	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	88.2	
2011	219	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	92.7	
2012	202	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.3	
2013	94	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.2		
2014	117	2,3,4,5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	6.8	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	85.5	
2015	230	2,3,4,5	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79.6	
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
85–95	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
96–98	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
99–08	673		0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	0.0	0.0	0.0	0.2	15.3	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.2	77.6		
09–16	198		0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	5.9	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.5	83.7	

Appendix C56—Percent distribution of Willamette Spring (Willamette River Hatchery) total fishing mortalities among fisheries and escapement.

Catch Year	Est # of CWT	Ages	AABM Fishery						ISBM Fishery										Terminal Fishery						Escapement											
			SEAK			NBC		WCVI		NBC & CBC			Southern BC			N Falcon		S Falcon		WAC		Puget Sd		SEAK			Canada		Southern US			Stray	Esc.			
			T	N	S	T	S	T	S	T	N	S	T	N	S	T	S	N	S	T	N	S	T	N	S	T	N	S								
79-84	4861		7.2	0.3	0.2	6.1	0.0	2.3	0.0	0.2	0.2	0.0	0.1	0.0	0.1	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.2	18.3	0.0	59.2				
1985	2549	3,4,5,6	7.0	0.2	0.0	0.5	0.0	0.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	19.8	0.0	53.5			
1986	629	3,4,5,6	3.3	0.3	0.0	6.2	0.0	4.5	0.5	0.5	1.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	17.8	0.0	54.7			
1987	686	3,4,5,6	15.9	0.0	0.6	12.0	0.0	1.3	0.9	1.0	0.7	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	4.7	26.2	0.0	33.2			
1988	2014	3,4,5,6	10.7	0.3	0.5	6.7	0.0	3.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	28.0	0.1	40.8			
1989	2681	3,4,5,6	5.2	0.0	0.2	1.8	0.0	1.5	0.3	0.0	0.1	0.0	0.0	0.1	0.4	1.6	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	20.4	0.0	55.7			
1990	2668	3,4,5,6	8.5	0.6	0.2	1.6	0.0	2.3	0.6	0.2	0.3	0.3	0.0	0.1	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	27.5	0.0	40.2			
1991	2895	3,4,5,6	3.7	1.5	0.6	1.7	0.0	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	43.0	0.0	42.1			
1992	2722	3,4,5,6	6.0	4.6	0.2	1.4	0.0	2.3	0.1	0.0	0.1	0.1	0.0	0.0	0.0	2.2	0.2	0.0	0.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	28.8	0.0	48.1			
1993	5080	3,4,5,6	11.2	0.0	0.0	1.3	0.1	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	42.0	0.0	41.3			
1994	4910	3,4,5,6	5.4	0.7	0.7	0.8	0.1	0.8	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	38.4	0.5	47.1				
1995	4367	3,4,5,6	4.5	0.1	0.3	1.2	0.0	0.5	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	42.6	0.1	49.8				
1996	3645	3,4,5,6	2.2	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	33.9	0.4	62.1				
1997	2218	3,4,5,6	4.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	15.7	0.1	78.4			
1998	1575	3,4,5,6	5.1	0.2	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	16.6	0.0	77.0				
1999	1770	3,4,5,6	7.5	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	14.8	0.2	75.2			
2000	6525	3,4,5,6	11.8	0.1	0.8	0.2	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	29.2	0.0	54.2			
2001	33958	3,4,5,6	1.6	0.0	0.1	0.1	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	23.9	0.0	69.7				
2002	19159	3,4,5,6	2.2	0.1	0.1	1.1	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	21.0	0.0	57.6			
2003	6696	3,4,5,6	5.6	0.0	0.1	0.4	0.1	2.4	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	16.4	0.0	72.8			
2004	6801	3,4,5,6	3.7	0.4	0.1	0.7	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	20.9	0.0	60.4			
2005	2910	3,4,5,6	3.1	0.0	0.1	0.3	0.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	16.1	0.0	67.7			
2006	1884	3,4,5,6	3.9	0.0	0.0	0.4	0.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	25.5	0.0	55.1			
2007	1514	3,4,5,6	5.0	0.2	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	18.0	0.1	69.7				
2008	2190	3,4,5,6	1.8	0.1	0.4	0.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	12.4	0.4	63.7			
2009	4045	3,4,5,6	3.4	0.0	0.0	0.2	0.1	0.7	1.8	0.0	0.0	0.1	0.0	0.0	0.8	0.3	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	19.2	0.0	65.1				
2010	11342	3,4,5,6	2.9	0.0	0.1	0.5	0.2	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	1.9	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	32.3	0.1	57.2			
2011	7736	3,4,5,6	4.1	0.0	0.2	0.8	0.2	1.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.9	0.2	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	41.2	0.3	45.4				
2012	5918	3,4,5,6	6.4	0.0	0.3	0.3	0.2	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.8	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	37.0	0.8	43.8				
2013	6288	3,4,5,6	2.4	0.0	0.6	0.4	0.1	0.7	0.3	0.0	0.0	0.1	0.0	0.0	0.3	1.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	29.9	0.0	58.9				
2014	14506	3,4,5,6	4.6	0.2	0.2	0.7	0.1	3.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.6	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	21.4	0.0	64.3				
2015	16842	3,4,5,6	5.2	0.1	0.1	0.6	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	4.0	0.5	1.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	24.9	0.5	57.0				
2016	NA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85-95	2836		7.4	0.8	0.3	3.2	0.0	1.7	0.3	0.3	0.3	0.0	0.0	0.0	0.1	1.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	30.4	0.1	46.0				
96-98	2479		3.9	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	22.1	0.2	72.5				
99-08	8341		4.6	0.1	0.2	0.4	0.2	2.3	0.1	0.0	0.0	0.0	0.1	0.0	0.5	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	19.8	0.1	64.6				
09-16	9525		4.1	0.1	0.2	0.5	0.1	1.4	0.3	0.0	0.0	0.1	0.0	0.0	0.2	1.6	0.4	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	29.4	0.2	56.0				