

Table 6.21.2.11. Twenty-fifth percentile, median, and seventy-fifth percentile of the number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage across the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for 0.25, 0.5, 1 (base), 2, and 4 times the base case freshwater survival rate with 0.25 times the base case marine survival rate and the hatchery turned off.

Gen	Marine 0.25x - FW 0.25x			Marine 0.25x - FW 0.5x			Marine 0.25x - FW 1x			Marine 0.25x - FW 2x			Marine 0.25x - FW 4x		
	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%
1	3,298	4,511	6,094	6,603	9,035	12,180	13,262	17,988	24,305	26,459	36,076	48,546	52,800	71,546	97,743
2	0	2	18	0	32	79	53	142	296	256	541	1,119	1,050	2,185	4,334
3	0	0	0	0	0	0	0	0	0	0	0	13	0	60	358
4	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	0
6	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
8	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
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 6.21.2.12. Twenty-fifth percentile, median, and seventy-fifth percentile of the number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage across the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for 0.5, 0.5, 1 (base), 2, and 4 times the base case freshwater survival rate with 0.5 times the base case marine survival rate and the hatchery turned off.

Gen	Marine 0.5x - FW 0.25x			Marine 0.5x - FW 0.5x			Marine 0.5x - FW 1x			Marine 0.5x - FW 2x			Marine 0.5x - FW 4x		
	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%
1	3,299	4,526	6,086	6,614	8,993	12,213	13,221	17,879	24,455	26,214	36,045	48,607	52,960	72,315	96,859
2	0	15	40	25	73	149	130	281	567	503	1,078	2,229	2,031	4,141	8,788
3	0	0	0	0	0	0	0	0	7	0	29	185	161	580	1,582
4	0	0	0	0	0	0	0	0	0	0	0	0	0	93	484
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
6	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
8	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
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 6.21.2.13. Twenty-fifth percentile, median, and seventy-fifth percentile of the number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage across the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for 0.25, 0.5, 1 (base), 2, and 4 times the base case freshwater survival rate with 1 times the base case marine survival rate and the hatchery turned off.

Gen	Marine 1x - FW 0.25x			Marine 1x - FW 0.5x			Marine 1x - FW 1x			Marine 1x - FW 2x			Marine 1x - FW 4x		
	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%
1	3,294	4,520	6,092	6,644	9,042	12,216	13,247	18,022	24,282	26,613	35,808	48,702	53,003	72,108	97,210
2	13	34	74	65	137	279	257	537	1,117	1,005	2,123	4,381	3,958	8,233	17,308
3	0	0	0	0	0	3	0	16	88	84	287	776	880	2,257	5,713
4	0	0	0	0	0	0	0	0	0	0	49	238	369	1,206	3,454
5	0	0	0	0	0	0	0	0	0	0	0	67	186	743	2,578
6	0	0	0	0	0	0	0	0	0	0	0	0	62	493	1,912
7	0	0	0	0	0	0	0	0	0	0	0	0	0	312	1,425
8	0	0	0	0	0	0	0	0	0	0	0	0	0	185	1,134
9	0	0	0	0	0	0	0	0	0	0	0	0	0	78	884
10	0	0	0	0	0	0	0	0	0	0	0	0	0	24	631

Table 6.21.2.14. Twenty-fifth percentile, median, and seventy-fifth percentile of the number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage across the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for 0.25, 0.5, 1 (base), 2, and 4 times the base case freshwater survival rate with 2 times the base case marine survival rate and the hatchery turned off.

Gen	Marine 2x - FW 0.25x			Marine 2x - FW 0.5x			Marine 2x - FW 1x			Marine 2x - FW 2x			Marine 2x - FW 4x		
	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%
1	3,279	4,527	6,080	6,651	9,048	12,112	13,274	18,043	24,189	26,593	36,035	48,673	53,317	72,007	97,211
2	31	70	140	129	270	551	512	1,050	2,160	1,956	4,098	8,627	8,015	16,259	33,317
3	0	0	2	0	7	45	40	142	379	445	1,139	3,009	3,549	8,701	20,795
4	0	0	0	0	0	0	0	24	116	189	585	1,836	2,751	8,423	20,124
5	0	0	0	0	0	0	0	0	33	86	376	1,358	2,911	9,321	21,666
6	0	0	0	0	0	0	0	0	0	29	243	1,074	3,076	9,514	22,151
7	0	0	0	0	0	0	0	0	0	0	161	796	3,282	10,201	22,212
8	0	0	0	0	0	0	0	0	0	0	95	602	3,355	10,568	23,389
9	0	0	0	0	0	0	0	0	0	0	44	441	3,491	10,604	23,313
10	0	0	0	0	0	0	0	0	0	0	16	350	3,792	11,077	23,768

Table 6.21.2.15. Twenty-fifth percentile, median, and seventy-fifth percentile of the number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage across the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for 0.25, 0.5, 1 (base), 2, and 4 times the base case freshwater survival rate with 4 times the base case marine survival rate and the hatchery turned off.

Gen	Marine 4x - FW 0.25x			Marine 4x - FW 0.5x			Marine 4x - FW 1x			Marine 4x - FW 2x			Marine 4x - FW 4x		
	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%	25%	median	75%
1	3,303	4,492	6,111	6,616	9,002	12,086	13,221	18,093	24,419	26,493	36,019	48,858	52,832	72,225	97,367
2	64	134	281	250	530	1,109	997	2,069	4,331	3,867	8,219	17,834	15,315	30,964	64,133
3	0	4	23	20	74	194	227	562	1,497	1,721	4,446	11,764	12,900	27,798	57,666
4	0	0	0	0	12	62	98	304	908	1,440	4,436	13,459	16,771	32,797	67,097
5	0	0	0	0	0	18	45	197	691	1,577	5,480	15,630	19,434	37,053	76,752
6	0	0	0	0	0	0	16	131	521	1,695	6,473	17,781	21,495	40,511	81,933
7	0	0	0	0	0	0	0	86	404	1,954	7,431	19,478	23,150	42,526	85,842
8	0	0	0	0	0	0	0	48	329	2,191	8,061	20,447	23,424	43,697	88,099
9	0	0	0	0	0	0	0	23	236	2,428	8,818	21,148	23,555	43,590	90,261
10	0	0	0	0	0	0	0	8	191	2,693	9,259	21,401	23,524	43,653	90,084