Table 6.21.1.6. Proportion of iterations when at least one two sea-winter female was present in three areas of the Penobscot River watershed: the Upper Penobscot (i.e., above West Enfield Dam), the Piscataquis (i.e., the Piscataquis River watershed), and the Lower Penobscot (i.e., below the West Enfield Dam). 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 on.

	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		
Gen	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	0.06	0.07	1.00	0.07	0.07	1.00	0.09	0.09	1.00	0.11	0.11	1.00	0.16	0.16	1.00
3	0.06	0.06	0.99	0.06	0.06	1.00	0.06	0.06	1.00	0.06	0.06	1.00	0.07	0.07	1.00
4	0.06	0.06	0.99	0.06	0.06	1.00	0.06	0.07	1.00	0.07	0.07	1.00	0.07	0.07	1.00
5	0.06	0.06	0.99	0.06	0.06	1.00	0.06	0.06	1.00	0.06	0.07	1.00	0.07	0.07	1.00
6	0.06	0.06	0.99	0.07	0.07	0.99	0.06	0.06	0.99	0.06	0.06	1.00	0.06	0.07	1.00
7	0.06	0.06	0.99	0.06	0.06	0.99	0.06	0.06	1.00	0.07	0.07	1.00	0.07	0.07	1.00
8	0.06	0.06	0.99	0.06	0.07	1.00	0.06	0.07	1.00	0.06	0.07	1.00	0.07	0.07	1.00
9	0.06	0.06	0.99	0.06	0.07	0.99	0.06	0.07	1.00	0.06	0.06	1.00	0.07	0.07	1.00
10	0.06	0.06	0.99	0.06	0.06	0.99	0.06	0.06	1.00	0.06	0.07	1.00	0.07	0.07	1.00

Table 6.21.1.7. Proportion of iterations when at least one two sea-winter female was present in three areas of the Penobscot River watershed: the Upper Penobscot (i.e., above West Enfield Dam), the Piscataquis (i.e., the Piscataquis River watershed), and the Lower Penobscot (i.e., below the West Enfield Dam). 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 0.5 times the base case marine survival rate and the hatchery turned on.

	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		
Gen	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	0.21	0.22	1.00	0.23	0.23	1.00	0.25	0.26	1.00	0.30	0.31	1.00	0.39	0.40	1.00
3	0.20	0.21	1.00	0.20	0.20	1.00	0.21	0.21	1.00	0.22	0.23	1.00	0.26	0.27	1.00
4	0.20	0.21	1.00	0.21	0.22	1.00	0.21	0.22	1.00	0.22	0.23	1.00	0.25	0.26	1.00
5	0.21	0.21	1.00	0.20	0.21	1.00	0.21	0.21	1.00	0.23	0.23	1.00	0.25	0.26	1.00
6	0.20	0.21	1.00	0.21	0.21	1.00	0.21	0.21	1.00	0.22	0.22	1.00	0.25	0.25	1.00
7	0.19	0.20	1.00	0.21	0.21	1.00	0.21	0.22	1.00	0.22	0.23	1.00	0.25	0.25	1.00
8	0.21	0.21	1.00	0.21	0.21	1.00	0.21	0.22	1.00	0.22	0.23	1.00	0.25	0.25	1.00
9	0.20	0.21	1.00	0.21	0.21	1.00	0.21	0.22	1.00	0.22	0.23	1.00	0.24	0.25	1.00
10	0.21	0.22	1.00	0.20	0.21	1.00	0.20	0.21	1.00	0.22	0.22	1.00	0.25	0.25	1.00

Table 6.21.1.8. Proportion of iterations when at least one two sea-winter female was present in three areas of the Penobscot River watershed: the Upper Penobscot (i.e., above West Enfield Dam), the Piscataquis (i.e., the Piscataquis River watershed), and the Lower Penobscot (i.e., below the West Enfield Dam). 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 on.

	Marine 1x - FW 0.25x			Marine 1x - FW 0.5x			Marine 1x - FW 1x			Marine 1x - FW 2x			Marine 1x - FW 4x		
Gen	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	0.46	0.47	1.00	0.48	0.49	1.00	0.51	0.52	1.00	0.58	0.59	1.00	0.68	0.68	1.00
3	0.45	0.46	1.00	0.45	0.46	1.00	0.49	0.49	1.00	0.52	0.53	1.00	0.60	0.61	1.00
4	0.45	0.46	1.00	0.46	0.46	1.00	0.47	0.48	1.00	0.52	0.53	1.00	0.60	0.61	1.00
5	0.45	0.45	1.00	0.47	0.48	1.00	0.48	0.49	1.00	0.52	0.53	1.00	0.60	0.61	1.00
6	0.45	0.46	1.00	0.46	0.47	1.00	0.48	0.49	1.00	0.52	0.53	1.00	0.62	0.62	1.00
7	0.45	0.46	1.00	0.46	0.47	1.00	0.48	0.49	1.00	0.52	0.53	1.00	0.61	0.62	1.00
8	0.44	0.45	1.00	0.47	0.48	1.00	0.48	0.49	1.00	0.52	0.53	1.00	0.60	0.61	1.00
9	0.45	0.46	1.00	0.46	0.47	1.00	0.47	0.48	1.00	0.52	0.53	1.00	0.61	0.62	1.00
10	0.45	0.46	1.00	0.46	0.47	1.00	0.49	0.50	1.00	0.52	0.53	1.00	0.61	0.61	1.00

Table 6.21.1.9. Proportion of iterations when at least one two sea-winter female was present in three areas of the Penobscot River watershed: the Upper Penobscot (i.e., above West Enfield Dam), the Piscataquis (i.e., the Piscataquis River watershed), and the Lower Penobscot (i.e., below the West Enfield Dam). 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 on.

	Marine 2x - FW 0.25x			Marine 2x - FW 0.5x			Marine 2x - FW 1x			Marine 2x - FW 2x			Marine 2x - FW 4x		
Gen	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	0.73	0.73	1.00	0.75	0.75	1.00	0.78	0.79	1.00	0.83	0.84	1.00	0.89	0.89	1.00
3	0.73	0.73	1.00	0.75	0.76	1.00	0.78	0.79	1.00	0.83	0.83	1.00	0.89	0.89	1.00
4	0.73	0.74	1.00	0.75	0.76	1.00	0.79	0.79	1.00	0.84	0.85	1.00	0.90	0.91	1.00
5	0.73	0.74	1.00	0.75	0.76	1.00	0.80	0.80	1.00	0.85	0.86	1.00	0.92	0.93	1.00
6	0.74	0.74	1.00	0.76	0.76	1.00	0.80	0.81	1.00	0.86	0.86	1.00	0.93	0.93	1.00
7	0.73	0.74	1.00	0.76	0.77	1.00	0.80	0.80	1.00	0.86	0.86	1.00	0.93	0.93	1.00
8	0.74	0.75	1.00	0.76	0.76	1.00	0.80	0.80	1.00	0.86	0.87	1.00	0.93	0.93	1.00
9	0.73	0.74	1.00	0.76	0.77	1.00	0.79	0.80	1.00	0.86	0.86	1.00	0.93	0.93	1.00
10	0.73	0.74	1.00	0.75	0.76	1.00	0.79	0.80	1.00	0.86	0.86	1.00	0.92	0.93	1.00

Table 6.21.1.10. Proportion of iterations when at least one two sea-winter female was present in three areas of the Penobscot River watershed: the Upper Penobscot (i.e., above West Enfield Dam), the Piscataquis (i.e., the Piscataquis River watershed), and the Lower Penobscot (i.e., below the West Enfield Dam). 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 on.

	Marine 4x - FW 0.25x			Marine 4x - FW 0.5x			Marine 4x - FW 1x			Marine 4x - FW 2x			Marine 4x - FW 4x		
Gen	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower	Upper	Piscataquis	Lower
1	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2	0.91	0.91	1.00	0.92	0.93	1.00	0.94	0.94	1.00	0.96	0.96	1.00	0.98	0.98	1.00
3	0.92	0.93	1.00	0.94	0.94	1.00	0.96	0.96	1.00	0.98	0.98	1.00	0.99	0.99	1.00
4	0.93	0.93	1.00	0.94	0.95	1.00	0.96	0.97	1.00	0.99	0.99	1.00	0.99	1.00	1.00
5	0.93	0.93	1.00	0.95	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00
6	0.93	0.93	1.00	0.94	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00
7	0.93	0.93	1.00	0.94	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00
8	0.93	0.93	1.00	0.95	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00
9	0.93	0.93	1.00	0.94	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00
10	0.93	0.93	1.00	0.95	0.95	1.00	0.97	0.97	1.00	0.99	0.99	1.00	1.00	1.00	1.00