

Table 5.3.1.1. Median number of smolts killed during emigration due to direct and indirect cumulative mortality associated with dam passage at each one of the 15 modeled hydroelectric dams. Values are listed for generations (Gen) 1–10 for the scenario with all dams turned on. Hatchery stocking was turned off, the freshwater survival rate was increased by two times the base case value, and the marine survival rate was increased by 4 times the base case value.

| Gen | Medway | Mattaceunk | West Enfield | Dover Upper | Brown's Mills | Sebec | Milo | Howland | Lowell | Milford | Stillwater | Great Works | Orono | Veazie | Frankfort |
|------------|---------------|-------------------|---------------------|--------------------|----------------------|--------------|-------------|----------------|---------------|----------------|-------------------|--------------------|--------------|---------------|------------------|
| 1 | 0 | 4,031 | 3,258 | 818 | 1,490 | 0 | 0 | 2,452 | 209 | 5,303 | 1,126 | 8,706 | 1,301 | 6,624 | 150 |
| 2 | 0 | 472 | 529 | 80 | 163 | 0 | 0 | 503 | 73 | 1,081 | 219 | 1,718 | 256 | 2,557 | 265 |
| 3 | 0 | 73 | 141 | 16 | 30 | 0 | 0 | 193 | 29 | 502 | 102 | 804 | 118 | 1,983 | 373 |
| 4 | 0 | 0 | 93 | 0 | 0 | 0 | 0 | 168 | 21 | 480 | 97 | 769 | 114 | 2,188 | 492 |
| 5 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 192 | 21 | 554 | 110 | 902 | 128 | 2,641 | 641 |
| 6 | 0 | 0 | 116 | 0 | 0 | 0 | 0 | 234 | 24 | 672 | 132 | 1,071 | 154 | 3,035 | 777 |
| 7 | 0 | 0 | 129 | 0 | 0 | 0 | 0 | 257 | 26 | 745 | 148 | 1,184 | 174 | 3,397 | 910 |
| 8 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 286 | 29 | 814 | 163 | 1,301 | 192 | 3,723 | 1,046 |
| 9 | 0 | 0 | 161 | 0 | 0 | 0 | 0 | 311 | 31 | 898 | 179 | 1,445 | 211 | 4,067 | 1,139 |
| 10 | 0 | 0 | 168 | 0 | 0 | 0 | 0 | 335 | 33 | 959 | 188 | 1,534 | 222 | 4,265 | 1,251 |