

## ESTIMATED STEELHEAD REDD ABUNDANCE

| MONITORING AREA,<br>Population Area | SURVEY EFFORT |       | STEELHEAD REDD ABUNDANCE |                               |          |                               |
|-------------------------------------|---------------|-------|--------------------------|-------------------------------|----------|-------------------------------|
|                                     |               |       | TOTAL                    |                               | WILD     |                               |
|                                     |               |       | ESTIMATE                 | 95%<br>CONFIDENCE<br>INTERVAL | ESTIMATE | 95%<br>CONFIDENCE<br>INTERVAL |
|                                     | SURVEYS       | MILES |                          | SURVEYS                       |          | MILES                         |
| 2003 Nestucca                       | 38            | 36.1  | 6,868                    | 1,895                         | 6,352    | 1,752                         |
| Mainstem                            | 20            | 19.4  | 2,099                    | 440                           | 1,941    | 407                           |
| Tributary                           | 18            | 16.6  | 4,769                    | 1,843                         | 4,411    | 1,704                         |
| 2004 Nestucca                       | 33            | 33.1  | 10,404                   | 1,925                         | 9,443    | 1,747                         |
| Mainstem                            | 16            | 17.2  | 2,965                    | 461                           | 2,691    | 419                           |
| Tributary                           | 17            | 15.9  | 7,440                    | 1,868                         | 6,752    | 1,696                         |
| 2005 Nestucca                       | 34            | 35.1  | 4,180                    | 1,051                         | 3,953    | 994                           |
| Mainstem                            | 17            | 18.9  | 1,575                    | 326                           | 1,490    | 308                           |
| Tributary                           | 17            | 16.1  | 2,604                    | 999                           | 2,463    | 945                           |
| 2006 Nestucca                       | 31            | 30.4  | 5,899                    | 1,145                         | 5,770    | 1,120                         |
| Mainstem                            | 12            | 13.6  | 1,868                    | 491                           | 1,827    | 480                           |
| Tributary                           | 19            | 16.8  | 4,031                    | 1,034                         | 3,943    | 1,012                         |
| 2007 Nestucca                       | 21            | 19.7  | 6,578                    | 1,555                         | 4,496    | 1,063                         |
| Mainstem                            | 4             | 4.0   | 1,074                    | 926                           | 734      | 633                           |
| 2005 Tributary                      | 5             | 5.1   | 1,651                    | 862                           | 1,129    | 589                           |
| Tributary                           | 12            | 10.6  | 3,852                    | 904                           | 2,633    | 618                           |
| 2008 Nestucca                       | 21            | 19.1  | 5,671                    | 1,837                         | 3,626    | 1,174                         |
| Mainstem                            | 4             | 3.6   | 1,294                    | 1,172                         | 827      | 749                           |
| Tributary                           | 17            | 15.5  | 4,377                    | 1,415                         | 2,799    | 904                           |

*Estimates derived using EMAP protocol. Estimates of wild spawners derived through application of live and carcass fin-mark observations.*