

## Lower Columbia ESU, Oregon Portion ESTIMATED COHO SPAWNER ABUNDANCE

| Spawning Year<br>Population Area | SURVEY EFFORT  |             | ADULT COHO SPAWNER ABUNDANCE |                         |              |                         |
|----------------------------------|----------------|-------------|------------------------------|-------------------------|--------------|-------------------------|
|                                  |                |             | TOTAL                        |                         | WILD         |                         |
|                                  | NUMBER SURVEYS | MILES       | ESTIMATE                     | 95% CONFIDENCE INTERVAL | ESTIMATE     | 95% CONFIDENCE INTERVAL |
| <b>2002</b>                      | <b>87</b>      | <b>83.1</b> | <b>9,242</b>                 | <b>4,004</b>            | <b>2,552</b> | <b>982</b>              |
| Youngs Bay                       | 9              | 10.6        | 2,870                        | 2,761                   | 364          | 350                     |
| Big Creek                        | 6              | 5.4         | 918                          | 836                     | 52           | 48                      |
| <b>Clatskanie</b>                | <b>17</b>      | <b>13.4</b> | <b>229</b>                   | <b>214</b>              | <b>104</b>   | <b>97</b>               |
| Scappoose                        | 19             | 18.8        | 453                          | 206                     | 453          | 206                     |
| Clackamas                        | 28             | 30.5        | 3,685                        | 2,622                   | 1,105        | 786                     |
| Sandy River (Total Basin)        | 4              | 3.4         | 339                          | 567                     | 16           | 27                      |
| <i>Below Marmot Dam only</i>     | 14             | 12.6        | 530                          | 490                     | 15           | 24                      |
| Lower Gorge                      | 2              | 0.5         | 405                          | 454                     | 338          | 378                     |
| Hood River                       | 2              | 0.5         | 343                          | 464                     | 120          | 163                     |

*Note: The original Clatskanie population estimate is no longer valid and has been amended using a stratified approach; for further explanation see the note on the coho abundance page. The revised Clatskanie estimate for the current year can be found in the "Lower Columbia Coho ESU Adult Spawning Abundance by Strata and Population" document on the coho abundance page.*

**Estimates derived using EMAP protocol. Estimates are adjusted for visual observation bias. Estimates of wild spawners derived through application of carcass fin-mark observations.**