TABLE II-2. Sacramento River winter Chinook escapement, allowable age-3 impact rates, and management performance.

| | | 3-yr. | | Age-3 impact rate south of Point Arena, CA | | |
|---|---|---|---|---|---|---|
| | | Geometric Mean | Abundance | Maximum | Preseason | Postseason |
| Year | Escapement[a/] | Escapement[b/] | Forecast[c/] | Allowable (%)[d/] | Forecast (%) | Estimate (%) |
| 2000 | -- | -- | - | - | - | 21.4 |
| 2001 | 8,224 | -- | - | - | - | 23.3 |
| 2002 | 7,464 | -- | - | - | - | 21.8 |
| 2003 | 8,218 | -- | - | - | - | 10.3 |
| 2004 | 7,869 | 7,960 | - | - | - | 24.8 |
| 2005 | 15,839 | 7,844 | - | - | - | 17.2 |
| 2006 | 17,290 | 10,080 | - | - | - | 15.1 |
| 2007 | 2,541 | 12,917 | - | - | - | 17.8 |
| 2008 | 2,830 | 8,862 | - | - | - | 0.0 |
| 2009 | 4,537 | 4,991 | - | - | - | 0.0 |
| 2010 | 1,596 | 3,195 | - | - | - | e/ |
| 2011 | 824 | 2,737 | - | - | - | 28.3 |
| 2012 | 2,671 | 1,814 | - | 13.7 | 13.7 | 12.6 |
| 2013 | 6,084 | 1,520 | - | 12.9 | 12.9 | 18.8 |
| 2014 | 3,015 | 2,375 | - | 15.4 | 15.4 | 15.8 |
| 2015 | 3,439 | 3,659 | - | 19.0 | 17.5 | e/ |
| 2016 | 1,546 | 3,981 | - | 19.9 | 12.8 | 10.7 |
| 2017 | 975 | 2,521 | - | 15.8 | 12.2 | 17.6 |
| 2018 | 2,638 | 1,731 | 1,594 | 14.4 | 8.5 | 13.9 |
| 2019 | 8,129 | 1,584 | 1,924 | 15.7 | 14.8 | 10.0 |
| 2020 | 7,429 | 2,755 | 3,077 | 20.0 | 16.2 | 13.6 [f/] |
| 2021 | 10,506 | 5,421 | 9,063 | 20.0 | 14.7 | NA [g/] |
| 2022 | NA | 8,593 | 5,971 | 20.0 | NA | NA |

a/ Escapement includes jacks and adults spawning in natural areas and fish used for broodstock at Livingston Stone and Coleman National Fish hatcheries.

b/ Geometric mean of escapement for the three prior years (e.g., 2017 GM computed from 2014-2016 escapement).

c/ Abundance forecast is defined as the predicted age-3 escapement in the absence of fisheries.

d/ Allowable impact rates from 2012-2017 were determined by a control rule utilizing the three-year geometric mean of escapement. Beginning in 2018, allowable impact rates were determined by a new control rule utilizing the abundance forecast.

e/ Insufficient data for postseason estimate.

f/ Preliminary. Incomplete cohort data (age-4 escapement unavailable).

g/ Not estimated. Incomplete cohort data (age-3 and age-4 escapement unavailable).