

Sturgeon Abundance Appendix D

Table 1. Population abundance of white sturgeon in selected Zone 6 reservoirs from 1996 through 2011. The population abundance values are the numbers of sturgeon greater than 2 feet in length. The legal size range for sturgeon in Bonneville reservoir changed several times, as noted by the superscript number codes on the table. Legal size range for sturgeon in The Dalles and John Day reservoirs was 48 to 60 inches in total length or the equivalent length in fork length during the entire period covered on this table. The blanks between cells with values represent years in which sampling was not conducted and, therefore, the abundance estimates were not updated. On average, each reservoir was sampled on a three-year rotation.

| Reservoir | 1996 ¹ | 1997 ² | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 ³ | 2005 | 2006 | 2007 | 2008 ⁴ | 2009 ⁵ | 2010 | 2011 | 2012 |
|----------------------------------|-------------------|-------------------|------|---------|------|--------|---------|---------|-------------------|---------|---------|--------|-------------------|-------------------|--------|---------|------|
| Bonneville Population Abundance | | | | 128,134 | | | | 119,909 | | | 205,392 | | | 334,423 | | | |
| Bonneville Legal Sized Abundance | | | | 14,735 | | | | 6,880 | | | 6,240 | | | 29,641 | | | |
| The Dalles Population Abundance | | 73,505 | | | | | 104,350 | | | 102,756 | | | 133,260 | | | 100,006 | |
| The Dalles Legal Sized Abundance | | 8,163 | | | | | 5,997 | | | 1,149 | | | 1,680 | | | 2,730 | |
| John Day Population Abundance | 27,102 | | | | | 29,812 | | | 42,050 | | | 42,622 | | | 42,378 | | |
| John Day Legal Sized Abundance | 4,042 | | | | | 1,074 | | | 1,094 | | | 1,587 | | | 4,350 | | |

¹Legal commercial and subsistence size range for all 3 reservoirs was 48-72 inches total length.

²Maximum size for commercial and subsistence sturgeon reduced from 72 inches total to 60 inches total length for all 3 reservoirs.

³Legal size for sturgeon in Bonneville reservoir was changed to 45-60 inches total length for both commercial and subsistence.

⁴Legal size for sturgeon in Bonneville reservoir was changed to 42-60 inches total length for both commercial and subsistence.

⁵All reservoirs for commercial, subsistence, and sport sturgeon fisheries changed from a total length measurement to a fork length measurement. Accordingly, legal commercial and subsistence sturgeon in Bonneville Reservoir must now measure 38-54 inches from the tip of the snout to the fork in the tail, and sturgeon in The Dalles and John Day reservoirs must measure 43-54 inches from the tip of the snout to the fork in the tail.