

Table 1. Reported number of Atlantic salmon escaping from Washington and British Columbia fish farms into the marine environment, 1996 through 2013.

| Year | Washington State ¹ | British Columbia ² |
|------|-------------------------------|-------------------------------|
| 1996 | 107,000 | 13,137 |
| 1997 | 369,000 | 7,472 |
| 1998 | 22,639 | 80,975 |
| 1999 | 115,000 | 35,954 |
| 2000 | 0 | 31,855 |
| 2001 | 0 | 55,414 |
| 2002 | 0 | 11,257 |
| 2003 | 0 | 30 |
| 2004 | 24,552 | 43,969 |
| 2005 | 2,500 | 21 |
| 2006 | 0 | 17 |
| 2007 | 0 | 19,223 |
| 2008 | 0 | 111,679 |
| 2009 | 0 | 48,857 |
| 2010 | 0 | 0 |
| 2011 | 0 | 12 |
| 2012 | 0 | 8 ³ |
| 2013 | 0 | 0 |

(Some data may be subject to revision)

¹ Source: Washington Department of Fish and Wildlife <http://wdfw.wa.gov/fish/atlantic/comcatch.htm> (this is now a dead link, however data through 2005 was taken from this site, we are not aware of any reported escapes since 2005).

² Province of British Columbia, Ministry of Agriculture and Lands: http://www.agf.gov.bc.ca/fisheries/escape/escape_reports.htm (Note: the source of this data was the Province of BC {Ministry of Agriculture}, but it was removed (dead link) from the web in December 2010, as aquaculture oversight was transferred from provincial to federal {DFO} oversight in December 2010. For 2010, we are not aware of any reported escapes in BC.

³ In 2011 DFO began reporting escapes and that information can be found at <http://www.pac.dfo-mpo.gc.ca/aquaculture/reporting-rapports/escape-evasion-eng.html>

Table 2. Reported number of marine and (freshwater) Atlantic salmon adult captures from Washington and British Columbia fish farms, 1987 through 2013.

| Year | WA | BC | AK |
|------|---------------------|-------------|-----|
| 1987 | | 1 (1) | |
| 1988 | | 106 (0) | |
| 1989 | | 8 (0) | |
| 1990 | 453 | 2 (3) | 1 |
| 1991 | 1029 | 31 (8) | 7 |
| 1992 | 166 | 349(48) | 2 |
| 1993 | 250 | 4,543 (23) | 27 |
| 1994 | 378 | 1,037 (50) | 27 |
| 1995 | 207 | 678 (57) | 24 |
| 1996 | 138 ⁽¹⁾ | 673 (211) | 135 |
| 1997 | 2356 ⁽¹⁾ | 2,664 (129) | 77 |
| 1998 | 48 | 136 (90) | 155 |
| 1999 | 42 ⁽¹⁾ | 190 (184) | 19 |
| 2000 | 16 | 7,834 (131) | 81 |
| 2001 | 20 | 179 (116) | 35 |
| 2002 | 2 | 562 (40) | 6 |
| 2003 | 19 | 46 (36) | 3 |
| 2004 | 22 | 148 (0) | 1 |
| 2005 | 0 | 27 (2) | 3 |
| 2006 | 11 | 225 (1) | 1 |
| 2007 | 2 | 21 (5) | 3 |
| 2008 | 4 | — | 39 |
| 2009 | 0 | — | 2 |
| 2010 | 1 | — | 9 |
| 2011 | 0 | — | 2 |
| 2012 | 0 | — | 0 |
| 2013 | 0 | — | 3 |

(1) Includes hatchery recoveries.

Sources: Washington Department of Fish and Wildlife, Department of Fisheries and Oceans, Canada; Alaska Department of Fish and Game (*some data may be subject to revision*). ADFG capture data from 1994-2002 can be found at:

http://www.adfg.alaska.gov/static/species/nonnative/invasive/pdfs/atlantic_salmon_1994_2002.pdf

Table 3: Freshwater juvenile Atlantic salmon recoveries from Washington and British Columbia, 1987 through 2013.

| Year | Washington ⁽¹⁾ | | | | British Columbia ⁽²⁾ |
|------|---------------------------|---------------------|---|-----------------------------|---------------------------------|
| | Mayfield Trap (Cowlitz) | Chehalis River Trap | Snorkel Survey | | |
| | | | Cinnabar Creek | Scatter Creek | |
| 1987 | | 18 | | | |
| 1988 | | 22 | | | |
| 1989 | | No Data | | | |
| 1990 | | No Data | | | |
| 1991 | | No Data | | | |
| 1992 | 18 | No Data | | | |
| 1993 | 17 | 5 | | | |
| 1994 | 49 | 8 | | | |
| 1995 | 58 | 24 | | | |
| 1996 | 8 | 183 | | | 54 |
| 1997 | 2 | 5 | | | 23 |
| 1998 | 25 | 7 | | | 114 |
| 1999 | 59 | 9 | | | 150 |
| 2000 | 125 | 22 | | | 12 |
| 2001 | 18 | 0 | | | 3 |
| 2002 | 10 | 17 | | | — |
| 2003 | 4 | 1 | 3 | 142 captured (414 observed) | — |
| 2004 | 17 | 12 | 0 | 3 captured (28 observed) | — |
| 2005 | 3 | 2 | 0 | 0 | — |
| 2006 | 8 | 4 | 0 | 4 captured (25 observed) | — |
| 2007 | 3 | 1 | 0 | 3 captured | — |
| 2008 | 10 | — | 0 | 0 | — |
| 2009 | 1 | 0 | No sampling | No sampling | — |
| 2010 | 0 | 0 | No sampling | 0 | — |
| 2011 | 0 | 0 | No sampling | No sampling | — |
| 2012 | 0 | 0 | No sampling | No sampling | — |
| 2013 | 0 | 0 | Atlantic salmon not being raised in this watershed any longer | No Sampling | — |

Sources: 1. Washington Department of Fish and Wildlife (*some data may be subject to revision*).
2. Waknitz et al. (2002)

Note: Chehalis River Fish Trap: It is impossible to estimate the number of juvenile Atlantic salmon (presumed escapes from the Scatter Creek hatchery) that migrate past the trap, because the scoop traps that are used only reach 2-3 feet into the water column and do not span the entire river.

Literature Cited

Waknitz, F.W., T.J. Tynan, C.E. Nash, R.N. Iwamoto, and L.G. Rutter. 2002. *Review of Potential Impacts of Atlantic Salmon Culture on Puget Sound Chinook Salmon and Hood Canal Summer-Run Chum Salmon Evolutionarily Significant Units*. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-NWFSC-53, 83 pages.

<http://www.nwfsc.noaa.gov/publications/techmemos/tm53/tm53.html>