

STRAIT OF JUAN DE FUCA – PYSHT FALL CHUM

STOCK STATUS

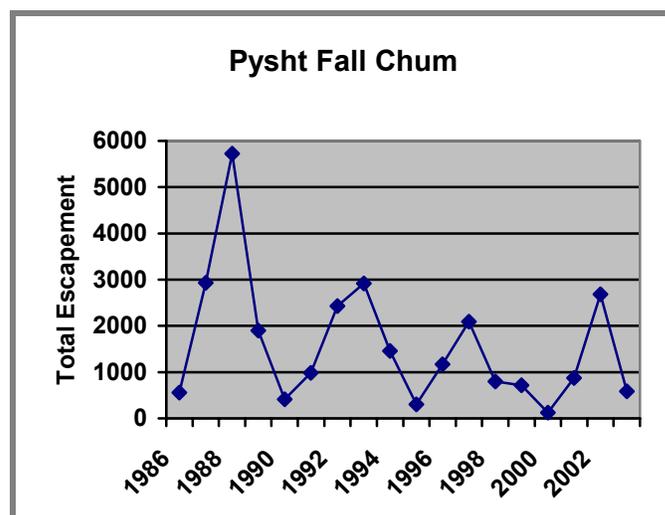
1992 STATUS	2002 STATUS
Healthy	Healthy

STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK

STATUS: Fair

YEAR	TOTAL ESCAPEMENT
1986	559
1987	2,930
1988	5,726
1989	1,896
1990	412
1991	985
1992	2,428
1993	2,918
1994	1,462
1995	303
1996	1,167
1997	2,094
1998	800
1999	718
2000	123
2001	874
2002	2,685
2003	585



Data are total escapement estimates based on live plus dead spawner counts in the mainstem Pysht from RM 8.5 to 11.0. High flows and turbidity make consistent survey difficult in November and December.

Pysht fall chum escapements have displayed a general increase since the early 1980s with a very large escapement of 5726 spawners in 1988. In 2000, a low escapement of only 123 spawners occurred, but a number of past escapements have been of similar magnitude. Stock status is rated **Healthy** in 2002.

STOCK DEFINITION

Pysht fall chum were identified as a stock based on their distinct spawning distribution.

STRAIT OF JUAN DE FUCA – PYSHT FALL CHUM

SPAWNING DISTRIBUTION: Most spawning takes place from RM 6.0 to 12.0 of the mainstem Pysht River.

SPAWNING TIMING: Spawning generally occurs from mid-November through December.

GENETIC ANALYSIS: Allozyme analysis has shown that Pysht fall chum are genetically distinct from all other Washington chum stocks examined.

STOCK ORIGIN

This is a **native** stock with **wild** production.