

HOOD CANAL- DUCKABUSH LATE FALL CHUM

STOCK STATUS

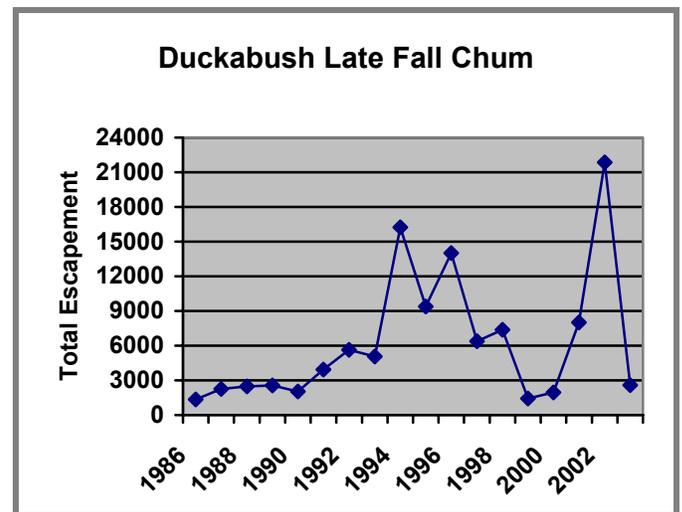
1992 STATUS Healthy	2002 STATUS Healthy
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STOCK STATUS RATING DATA

USEFULNESS FOR RATING STOCK STATUS:

Good

YEAR	TOTAL ESCAPEMENT
1986	1,348
1987	2,258
1988	2,485
1989	2,564
1990	2,039
1991	3,937
1992	5,644
1993	5,053
1994	16,251
1995	9,395
1996	14,016
1997	6,383
1998	7,365
1999	1,422
2000	1,953
2001	8,003
2002	21,860
2003	2,594



Data are total escapement estimates based on live spawner counts in index areas on the Duckabush River, Fulton Creek, an independent stream located south of the Duckabush, and Pierce Creek, an independent stream north of the Duckabush.

Duckabush late fall chum escapements have been strong since the early 1990s with two very large escapements in 1994 and 1996 of 15,410 and 12,239, respectively. Escapements in 1999 and 2000 are lower but are within the normal range for the stock. Stock status is rated **Healthy** in 2002.

STOCK DEFINITION

Duckabush late fall chum were identified as a stock based on their distinct spawning distribution and somewhat late return and spawning timing.

SPAWNING DISTRIBUTION: Most spawning takes place in the lower mile of the Duckabush River and in Fulton and Pierce creeks.

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SPAWNING TIMING: Spawning generally occurs from late November through early January. Late return and spawn timing have allowed the stock to remain viable since commercial fisheries target earlier-returning Hood Canal hatchery-origin fall chum.

GENETIC ANALYSIS: No genetic analysis has been done on Duckabush late fall chum.

STOCK ORIGIN

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