

# WILLAPA BAY – NASELLE COHO

In the 1992 SASSI this stock was a part of the Willapa Bay coho stock.

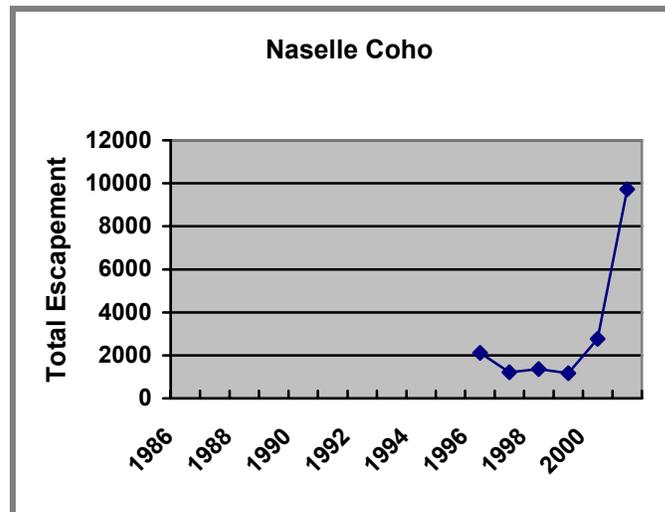
## STOCK STATUS

<b>1992 STATUS</b> Not rated	<b>2002 STATUS</b> Healthy
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## STOCK STATUS RATING DATA

**USEFULNESS FOR RATING STOCK STATUS:** Good

YEAR	TOTAL ESCAPEMENT
1996	2,118
1997	1,210
1998	1,360
1999	1,176
2000	2,761
2001	9,718



Data are total escapement estimates based on cumulative redd counts in index areas within the Naselle River and supplemental survey observations expanded to basin total escapement estimates.

Escapements have been reasonably large for the basin size from 1996 to 2000. Therefore, stock status is rated **Healthy** in 2002.

## STOCK DEFINITION

Naselle coho were identified as a stock based on their distinct spawning distribution.

**SPAWNING DISTRIBUTION:** Most spawning takes place in the mainstem Naselle, North and South Naselle rivers as well as Dell, Upper Salmon, Russian, Brock and Alder creeks.

**SPAWNING TIMING:** Spawning generally occurs from November through January.

**GENETIC ANALYSIS:** Genetic analysis has not been done on Naselle River coho.

## STOCK ORIGIN

This is a **mixed** stock with **composite** production. There has been a history dating back prior to 1950 of large-scale off-station releases of non-native fish into this basin. Stock origin of these releases includes Sooes Creek, Dungeness, Lake Creek and Satsop hatchery stocks. In addition there are several large-scale enhancement programs that utilize hatchery-origin fish.