

# Willamette Coastal Cutthroat SMU

ESA Designation:

*Not Listed*

State Status:

*No Status*

Interim Assessment:

*Not At Risk*

The Willamette Coastal Cutthroat Trout SMU supports the resident, fluvial, and adfluvial life histories of cutthroat trout. The entire SMU is located upstream of Willamette Falls, above which no anadromous coastal cutthroat trout are found. The SMU is comprised of fourteen populations, all of which meet all six of the interim criteria. Since quantitative data are limited, the assessment was based on available data, as well as anecdotal evidence and professional opinion. Coastal cutthroat trout are distributed widely throughout the Willamette Basin and abundance is thought to be relatively high. The populations appear to be very resilient and able to respond to events that reduce abundance. This SMU was assessed as ‘not at risk’ and does not currently face a conservation risk. Suitable data and other information on populations in this SMU provide a moderate level of confidence in the assessment of the interim criteria.

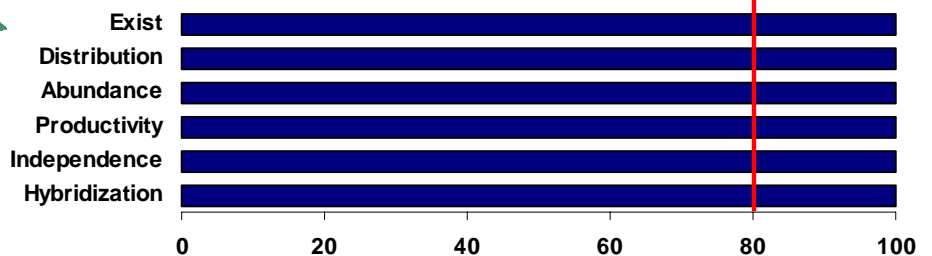


Population	Exist	Dist.	Abund.	Prod.	Ind.	Hybrid
Lower Willamette	Pass	Pass	Pass*	Pass*	Pass	Pass
Tualatin	Pass	Pass	Pass*	Pass*	Pass	Pass
Yamhill	Pass	Pass	Pass*	Pass*	Pass	Pass
Molalla	Pass	Pass	Pass*	Pass*	Pass	Pass
Luckiamute	Pass	Pass	Pass*	Pass*	Pass	Pass
North Santiam	Pass	Pass	Pass*	Pass*	Pass	Pass
South Santiam	Pass	Pass	Pass*	Pass*	Pass	Pass
Mid Willamette	Pass	Pass	Pass*	Pass*	Pass	Pass
Marys	Pass	Pass	Pass*	Pass*	Pass	Pass
Calapooia	Pass	Pass	Pass*	Pass*	Pass	Pass
Long Tom	Pass	Pass	Pass*	Pass*	Pass	Pass
McKenzie	Pass	Pass	Pass*	Pass*	Pass	Pass
Middle Fork Willamette	Pass	Pass	Pass*	Pass*	Pass	Pass
Coast Fork Willamette	Pass	Pass	Pass*	Pass*	Pass	Pass

\* Inferred



Percent of Populations Meeting Criteria



### ***Distribution - Pass***

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- Empirical and anecdotal evidence suggests that coastal cutthroat trout are distributed widely in each major watershed within the SMU.
- All life history types, with the exception of the anadromous form, are present and distributed widely.

### ***Productivity - Pass***

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- No spawning data are available for coastal cutthroat trout.
- For this criterion, coastal cutthroat trout populations were assessed on their ability to rebuild after periods of low abundance.
- The majority of professional opinion within ODFW is that the universal distribution of coastal cutthroat trout in significant numbers, despite natural and human-caused disturbances, suggests the SMU is productive.

### ***Additional Information***

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- Most coastal cutthroat trout data in the Willamette SMU come from occasional sampling by ODFW Watershed Districts or from sampling targeted at other species. These various datasets are difficult to compare to each other when the sampling procedures are not consistent. During the development of a conservation plan for the Willamette coastal cutthroat trout SMU, ODFW will consider ways to compare these datasets and develop protocols for future data collection to make datasets more compatible.
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### ***Abundance - Pass***

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- All life history forms of coastal cutthroat trout (resident, fluvial, adfluvial) were considered part of the same population for this assessment.
- Anadromous coastal cutthroat trout are not found in the Willamette SMU. There are no anadromous trout upstream of Willamette Falls, the downstream border of this SMU.
- Abundance estimates could not be made for any population. However, the existing data, along with professional opinion, suggest that coastal cutthroat trout are relatively abundant throughout the SMU.

### ***Independence - Pass***

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- All stocking of coastal cutthroat trout in moving waters was ceased by 1980. The effects of historical breeding between hatchery cutthroat trout and wild coastal cutthroat trout have not been determined.