

# Southern Oregon Coastal Cutthroat SMU

ESA Designation:

*Not Listed*

State Status:

*Vulnerable*

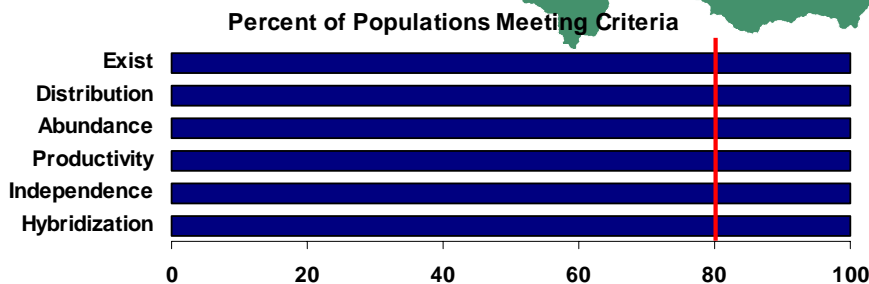
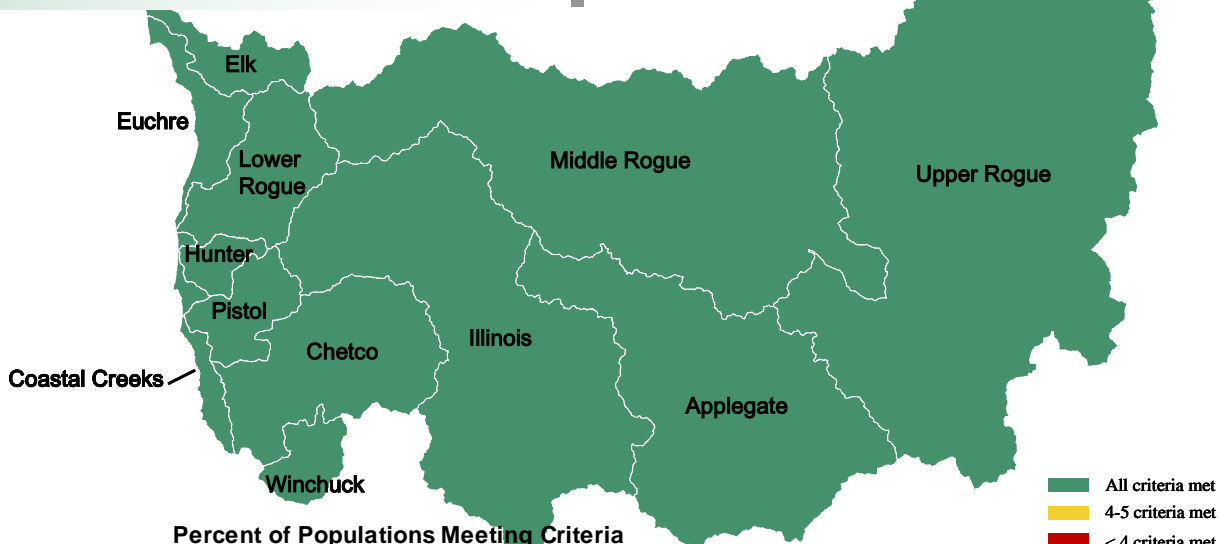
Interim Assessment:

*Not At Risk*

The Southern Oregon Coastal Cutthroat trout SMU supports the resident, fluvial, adfluvial, and anadromous life histories of cutthroat trout. The SMU is comprised of twelve 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 basins and abundance is thought to be relatively high. The populations appear to be very resilient and able to respond to events that reduce abundance. The sustainability of this SMU is not at 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
Elk	Pass	Pass	Pass*	Pass*	Pass	Pass
Euchre	Pass	Pass	Pass*	Pass*	Pass	Pass
Lower Rogue	Pass	Pass	Pass*	Pass*	Pass	Pass
Illinois	Pass	Pass	Pass*	Pass*	Pass	Pass
Middle Rogue	Pass	Pass	Pass*	Pass*	Pass	Pass
Applegate	Pass	Pass	Pass*	Pass*	Pass	Pass
Upper Rogue	Pass	Pass	Pass*	Pass*	Pass	Pass
Hunter	Pass	Pass	Pass*	Pass*	Pass	Pass
Coastal Creeks	Pass	Pass	Pass*	Pass*	Pass	Pass
Pistol	Pass	Pass	Pass*	Pass*	Pass	Pass
Chetco	Pass	Pass	Pass*	Pass*	Pass	Pass
Winchuck	Pass	Pass	Pass*	Pass*	Pass	Pass

\*Inferred



■ All criteria met  
■ 4-5 criteria met  
■ < 4 criteria met  
 Extinct

### ***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 are present and distributed widely.

### ***Abundance - Pass***

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- All life history forms of coastal cutthroat trout (resident, fluvial, adfluvial, anadromous) were considered part of the same population for this assessment.
- Quantitative data are not available at a population level. However, the existing data, along with professional opinion and anecdotal observations, suggest that coastal cutthroat trout are relatively abundant throughout the SMU.

### ***Productivity – Pass***

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- 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.

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

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- All stocking of coastal cutthroat trout in moving waters was ceased by 1985. The effects of historical breeding between hatchery cutthroat trout and wild coastal cutthroat trout have not been determined.

### ***Additional Information***

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- Most coastal cutthroat trout data in the Southern Oregon 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 Southern Oregon 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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