

Oregon Coast Coastal Cutthroat SMU

ESA Designation:

None

State Status:

Vulnerable

Interim Assessment:

Not At Risk

Basins along the Oregon Coast support all life history types of coastal cutthroat trout; resident, fluvial, adfluvial, and anadromous. The Oregon Coast SMU is comprised of twenty-four populations, all of which meet all of the six 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.

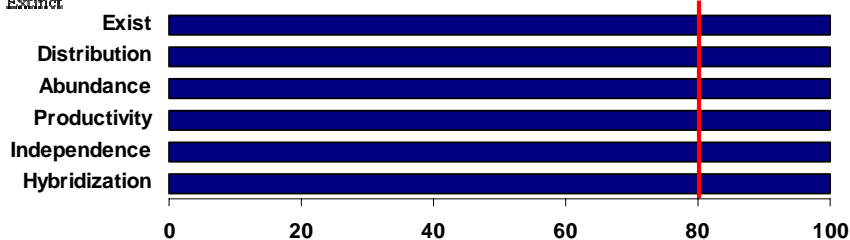


Population	Exist	Dist.	Abund.	Prod.	Ind.	Hybrid
Necanicum	Pass	Pass	Pass*	Pass*	Pass	Pass
Nehalem	Pass	Pass	Pass*	Pass*	Pass	Pass
Rockaway	Pass	Pass	Pass*	Pass*	Pass	Pass
Tillamook	Pass	Pass	Pass*	Pass*	Pass	Pass
Netarts	Pass	Pass	Pass*	Pass*	Pass	Pass
Nestucca	Pass	Pass	Pass*	Pass*	Pass	Pass
Neskowin	Pass	Pass	Pass*	Pass*	Pass	Pass
Salmon	Pass	Pass	Pass*	Pass*	Pass	Pass
Devils Lake	Pass	Pass	Pass*	Pass*	Pass	Pass
Siletz	Pass	Pass	Pass*	Pass*	Pass	Pass
Depoe Bay	Pass	Pass	Pass*	Pass*	Pass	Pass
Yaquina	Pass	Pass	Pass*	Pass*	Pass	Pass
Beaver	Pass	Pass	Pass*	Pass*	Pass	Pass
Alesea	Pass	Pass	Pass*	Pass*	Pass	Pass
Yachats	Pass	Pass	Pass*	Pass*	Pass	Pass
Siuslaw	Pass	Pass	Pass*	Pass*	Pass	Pass
Siltcoos	Pass	Pass	Pass*	Pass*	Pass	Pass
Lower Umpqua	Pass	Pass	Pass*	Pass*	Pass	Pass
Upper Umpqua	Pass	Pass	Pass*	Pass*	Pass	Pass
Tenmile	Pass	Pass	Pass*	Pass*	Pass	Pass
Coos	Pass	Pass	Pass*	Pass*	Pass	Pass
Coquille	Pass	Pass	Pass*	Pass*	Pass	Pass
Floras	Pass	Pass	Pass*	Pass*	Pass	Pass
Sixes	Pass	Pass	Pass*	Pass*	Pass	Pass

*Inferred

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

Percent of Populations Meeting Criteria



Distribution - Pass

- All life history types are present and distributed widely.
- Empirical and anecdotal evidence suggests that coastal cutthroat trout are distributed widely in each population within the SMU.

Abundance - Pass

- 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.
- Data on the anadromous form of cutthroat trout in several populations have been collected on a regular basis. Most of this data showed a decreasing trend in anadromous adults in the late 1980s and 1990s. A favorable change in the ocean environment over the last several years appears to have had a positive impact on anadromous coastal cutthroat trout. Reports from anglers tend to suggest that the number of large cutthroat, presumably anadromous, has increased over the last several years.

Productivity – Pass

- 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.

Independence - Pass

- All stocking of coastal cutthroat trout in moving waters was ceased by 1994. The effects of historical breeding between hatchery cutthroat trout and wild coastal cutthroat trout have not been determined.

Additional Information

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