

ATTACHMENT 21:

**National Oceanic and Atmospheric Administration (NOAA) Fisheries. 2019.
Steelhead Trout - Overview. Available at:
www.fisheries.noaa.gov/species/steelhead-trout. Accessed on: 2/12/19.**

<https://www.fisheries.noaa.gov/species/steelhead-trout>

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Steelhead Trout

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Steelhead Trout

Oncorhynchus mykiss



Protected Status

ESA ENDANGERED

Southern California DPS

ESA THREATENED

California Central Valley DPS, Central California coast DPS, Lower Columbia River DPS, Middle Columbia River, Northern California DPS, Puget Sound DPS, Snake River Basin DPS, South-Central California coast DPS, Upper Columbia River DPS, Upper Willamette River DPS

ESA PETITIONED

Northern California Summer Population

ESA EXPERIMENTAL POPULATION

Middle Columbia River XN

Quick Facts

WEIGHT

Up to 55 pounds

LIFESPAN

Up to 11 years

LENGTH

Up to 45 inches

THREATS

Habitat impediments (dams), Habitat degradation, Habitat loss, Commercial and recreational fishing, Climate change

LOCATION

Alaska, West Coast



About the Species

Steelhead trout are a unique species. Individuals develop differently depending on their environment. All steelhead trout hatch in gravel-bottomed, fast-flowing, well-oxygenated rivers and streams. Some stay in fresh water all their lives, and are called rainbow trout. Steelhead trout that migrate to the ocean typically grow larger than the ones that stay in freshwater. They then return to freshwater to spawn. Steelhead trout are vulnerable to many stressors and threats including blocked access to spawning grounds and habitat degradation caused by dams and culverts.

One distinct population segment is listed as endangered under the [Endangered Species Act](#), and 10 DPS and 1 experimental non-essential population are listed as threatened.

The Northern California summer steelhead population was [petitioned for listing as endangered](#) in November 2018.

NOAA Fisheries is committed to conserving and protecting steelhead trout. Our scientists and partners use a variety of innovative techniques to study, learn more about, and protect this species.

Protected Status

ESA Endangered

1 distinct population segment

- Southern California DPS

ESA Threatened

10 distinct population segments

- California Central Valley DPS
- Central California coast DPS
- Lower Columbia River DPS
- Middle Columbia River
- Northern California DPS
- Puget Sound DPS
- Snake River Basin DPS
- South-Central California coast DPS
- Upper Columbia River DPS
- Upper Willamette River DPS

ESA Petitioned

1 distinct population segment

- Northern California Summer Population

ESA Experimental Population

1 distinct population segment

- Middle Columbia River XN

Scientific Classification

Kingdom	Animalia
Phylum	Chordata
Class	Osteichthyes
Order	Salmoniformes
Family	Salmonidae
Genus	<i>Oncorhynchus</i>
Species	<i>mykiss</i>