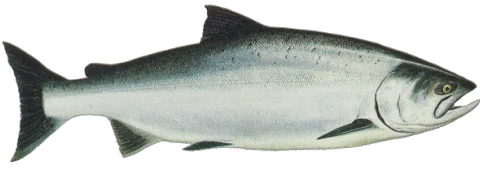


Chinook salmon Alaska

IDENTIFICATION



SCIENTIFIC NAME

Oncorhynchus tshawytscha

SPECIES NAME(S)

Chinook salmon, King Salmon

COMMON NAMES

Chinook salmon, king salmon

STOCK IDENTIFICATION



RELATED LINKS:

- [Alaska Department of Fish and Game \(ADF&G\)](#) , [Pacific Salmon Commission \(PSC\)](#)
- [Alaska Department of Fish and Game \(ADF&G\)](#) , [Pacific Salmon Commission \(PSC\)](#)

ASSESSMENT

Strengths

1. Alaska is displaying responsiveness to emerging stock status issues through the regulatory listing of some stocks, declaration of a State of Disaster in some management regions in 2012, and development of a statewide research plan to address knowledge gaps with the species. 2. The 2009 edition of the Pacific Salmon Treaty (PST) stipulated an overall reduction in exploitation rate of the Southeast troll fishery by 30% for 2009-2018 to protect weak stocks. 3. Monitoring of harvest and stock composition in the troll fishery is fairly robust.

Weaknesses

1. Many stocks in the Arctic-Yukon-Kuskokwim and Cook Inlet regions are exhibiting depressed returns. 2. Mean length at age measures are exhibiting declines among Arctic-Yukon-Kuskokwim stocks. 3. High cumulative overage (harvest vs. post-season allowable catch) is noted in the Southeast Alaska troll fishery in 1999-2011. Overages in one year are not corrected for in the next year. 4. The release of adipose fin-clipped hatchery fish without Coded Wire Tags by Pacific Northwest hatcheries is a potential threat to the integrity of the Coded Wire Tagging stock composition monitoring program, long used to estimate hatchery and wild contributions to catch. 5. There is high incidental mortality in the Southeast Alaska troll fishery, amounting to approximately 14% of the legal harvest.

SCORES

Management Quality:

Management Strategy	Managers Compliance	Fishers Compliance
7 to 10	6.5 to 10	7 to 10

Stock Health:

Current Health	Future Health
6 to 10	6 to 10

FIPS

No related FIPs

MSC

- Alaska salmon:
MSC Recertified
- Annette Islands Reserve salmon:
MSC Recertified

Fisheries

Within FishSource, the term "fishery" is used to indicate each unique combination of a flag country with a fishing gear, operating within a particular management unit, upon a resource. That resource may have a known biological stock structure and/or may be assessed at another level for practical or jurisdictional reasons. A fishery is the finest scale of resolution captured in FishSource profiles, as it is generally the scale at which sustainability can most fairly and practically be evaluated.

 SALMON DISTRICT	 MANAGEMENT UNIT	 FLAG COUNTRY	 FISHING GEAR
Annette Islands Reservemng	Alaska	United States	Drift gillnets
			Purse seines
			Trolling lines
Arctic-Yukon-Kuskokwimmng	Alaska	United States	Drift gillnets
			Fish wheel
			Set gillnets (anchored)
Bristol Baymng	Alaska	United States	Drift gillnets
			Set gillnets (anchored)
Cook Inletmng	Alaska	United States	Drift gillnets
			Purse seines
			Set gillnets (anchored)
Copper Rivermng	Alaska	United States	Drift gillnets
Southeast Alaskamng	Alaska	United States	Drift gillnets
			Purse seines
	Set gillnets (anchored)		
	Alaska/PSC	United States	Trolling lines

Management Unit

 MANAGEMENT UNIT	ORGANIZATION	FISHING AREA
Alaska	Alaska Department of Fish and Game (ADF&G)	FAO 67
Alaska	Alaska Department of Fish and Game (ADF&G)	FAO 67
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Alaska	Alaska Department of Fish and Game (ADF&G)	FAO 67
Alaska	Alaska Department of Fish and Game (ADF&G)	FAO 67
Alaska/PSC	Alaska Department of Fish and Game (ADF&G), Pacific Salmon Commission (PSC)	FAO 67