

Pink salmon Russia

 Fishery:  Iturup Island Sakhalin  Russia  Russian Federation  Traps

IDENTIFICATION



SCIENTIFIC NAME

Oncorhynchus gorbuscha

SPECIES NAME(S)

Pink salmon

COMMON NAMES

pink salmon

STOCK IDENTIFICATION



RELATED LINKS:

- [Russian Federal Fisheries Agency \(FFA\)](#)
- [Sakhalin Research Institute of Fisheries and Oceanography \(SakhNIRO\)](#)

ASSESSMENT

Strengths

1. The Kamchatka Peninsula is the world's only large-volume source of exclusively wild pink salmon. Stock status is fairly robust there. 2. Russian salmon fishery management has transitioned over the last 5 years from quota-based management to escapement-based management informed by pre-season forecasts. This change may result in more flexible, responsive, in-season management of the resource. 3. Beginning in 2008, fishing companies have been awarded long-term leases to fishing plots, reducing incentives to misreport harvest in order to receive a larger allocation in the subsequent season.

1. Harvest and escapement trends are stable. 2. Hatchery mark-and-recapture studies have been underway since 2010 and are ongoing. 3. Anti-poaching compliance appears to be strong here in comparison with other areas in the Sakhalin region.

Weaknesses

1. Illegal, unregulated and unreported fishing is a serious problem in almost all Russian pink salmon fisheries, particularly on Kamchatka. 2. On Sakhalin Island, large contributions of hatchery fish to harvest in some areas (Southeast Sakhalin, Aniva Bay, Iturup Island) may result in unsustainably high harvest rates on wild stocks, as the hatchery fish are generally not temporally or spatially separate from wild fish. 3. Inadequate information is made publicly available, including information on in-season management decisions, escapement goals and the models upon which they are based, and mark-and-recapture results associated with the recent resurgence of hatchery marking programs.

It is unknown whether or not the "integrated" nature (broodstock is taken from wild- and hatchery-origin fish, i.e., a mixed stock is created) of the Iturup pink salmon hatchery program and straying noted particularly in Kurilsk Bay (and associated inter-breeding between hatchery- and natural-origin fish) are negatively impacting productivity of the stock.

Options

Continue the mark-and-recapture program and use results to further explore the question of hatchery impacts upon wild stock productivity. Make public government hatchery review documentation and historic catch and escapement data

SCORES

Management Quality:

Management Strategy	Managers Compliance	Fishers Compliance
≥ 6 to 8	7 to 10	< 6 to ≥ 8

Stock Health:

Current Health	Future Health
< 6 to 10	< 6 to 10

FIPS

No related FIPs

MSC

- Iturup Island pink and chum salmon:

MSC Recertified

RECOMMENDATIONS

RETAILERS & SUPPLY CHAIN

- Monitor the progress in closing out conditions placed upon the MSC certification of the fishery and if agreed timelines are met. Offer assistance in closing conditions where possible.