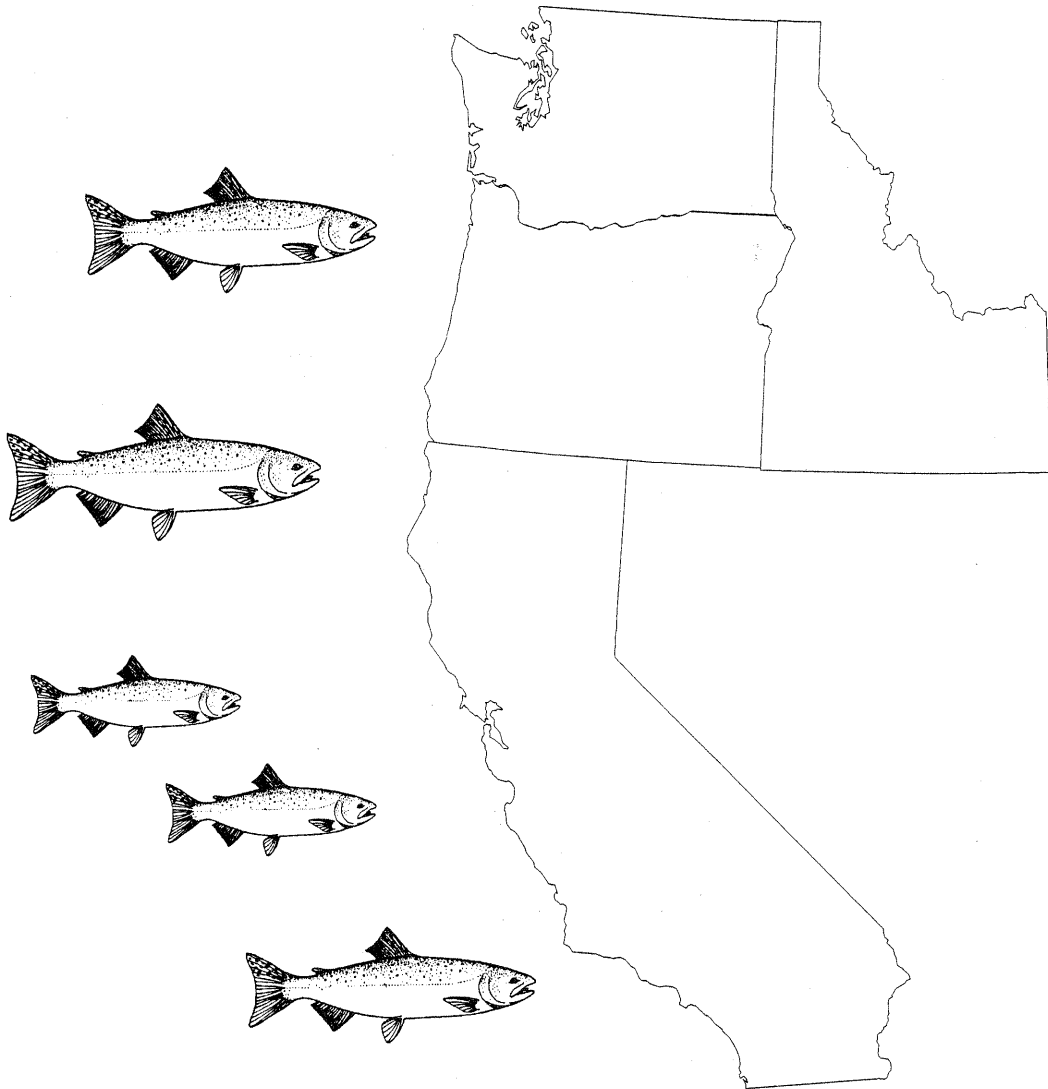


REVIEW OF 1996 OCEAN SALMON FISHERIES



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LIST OF ACRONYMS AND ABBREVIATIONS

ADFG	Alaska Department of Fish and Game
CDFG	California Department of Fish and Game
Council	Pacific Fishery Management Council
CRFMP	Columbia River Fishery Management Plan
CRTAC	Columbia River Technical Advisory Committee
CVI	Central Valley Index
CWT	coded-wire tag
EEZ	exclusive economic zone (from 3-200 miles from shore)
ESA	Endangered Species Act
FMP	fishery management plan
FRAM	Fisheries Regulatory Assessment Modeling
GSI	genetic stock identification
HRM	Harvest Rate Model
KMZ	Klamath management zone (ocean zone between Humbug Mountain and Horse Mountain where management emphasis is on Klamath River fall chinook)
KRTAT	Klamath River Technical Advisory Team
LRH	lower Columbia River hatchery (tule fall chinook returning to hatcheries below Bonneville Dam)
LRW	lower Columbia River wild (bright fall chinook spawning naturally below Bonneville Dam)
MCB	mid-Columbia River brights (bright hatchery fall chinook released in the Mid-Columbia River)
MOC	mid-Oregon coast
NA	not available
NMFS	National Marine Fisheries Service
NOC	north Oregon coast
ODFW	Oregon Department of Fish and Wildlife
OCN	Oregon coastal natural (coho)
OPI	Oregon Production Index (coho salmon stock index south of Leadbetter Point)
PSC	Pacific Salmon Commission
SCH	Spring Creek Hatchery (tule fall chinook returning to Spring Creek Hatchery)
SRS	Stratified Random Sampling
STT	Salmon Technical Team (formerly the Salmon Plan Development Team)
TAC	total allowable catch
URB	upper river brights (naturally spawning bright fall chinook normally migrating past McNary Dam)
USFWS	U.S. Fish and Wildlife Service
VSI	visual stock identification
WCVI	West Coast Vancouver Island
WDFW	Washington Department of Fish and Wildlife
WFMP	Willamette Fish Management Plan

INTRODUCTION

The Salmon Technical Team has prepared this postseason review of the 1996 ocean salmon fisheries off the coasts of Washington, Oregon and California in accordance with Section 11.0 of the Council's salmon framework amendment, as revised in 1996. This report provides a portion of the information required by Section 602.12(e) of the guidelines for regional council fishery management plans. The salmon team will provide the remaining information to assist the Council in its development of management recommendations in three preseason reports for 1997. These reports will provide estimates of stock abundance and analyze the impacts of the Council's proposed and adopted management recommendations.

Pacific Coast fisheries in Council-managed waters (ocean fisheries south of the Canadian border to Mexico from 3 to 200 miles offshore) are directed toward and harvest primarily chinook or king salmon *Oncorhynchus tshawytscha* and coho or silver salmon *Oncorhynchus kisutch*. Small numbers of pink salmon *Oncorhynchus gorbuscha* also are harvested, especially in odd numbered years. There are no directed fisheries for other Pacific salmon species and they occur only rarely in Council-managed harvests.

The 1996 review provides a summary of important biological and socioeconomic data from which the Council can assess the impacts of its past management actions, determine how well management objectives are being met and improve regulations for the future. The Council will formally review this report at its March meeting in Portland, Oregon, prior to the development of management options for the 1997 fishing season.

Chapter I of this review discusses ocean salmon fisheries by management area and covers management objectives, regulations, effort and harvest, and fishery goal assessment. Appendix A includes tables which detail historical harvest data by state and by management area. Chapter I also provides a brief summary of the 1996 preseason estimated impacts of the ocean salmon fisheries and the postseason estimates of Columbia River fisheries' impacts on stocks of concern listed under the Endangered Species Act.

Chapters II and III review inside catch and escapement data for chinook and coho salmon, respectively. Socioeconomic impacts of the regulations are discussed in Chapter IV. Appendices B through D provide historical data on inland landings and escapements, ocean regulations and fishery related socioeconomics.

COMMON TABLE CONVENTIONS

All 1996 data provided in this report are preliminary at this time. The following conventions apply with respect to the report's tables: (1) totals may not precisely equal the sum of individual years due to rounding of numbers; (2) dashes indicate that there are no data appropriate for a particular table cell, or in the case of fishing effort or landings, that the season was closed; (3) zeros indicate no landings or activity even though the season was open; and (4) "NA" indicates that data are not available at the time of publication. Tables containing Oregon historical ocean fishery data reflect recent statistical modifications to earlier estimates which were first applied in the 1995 report.

