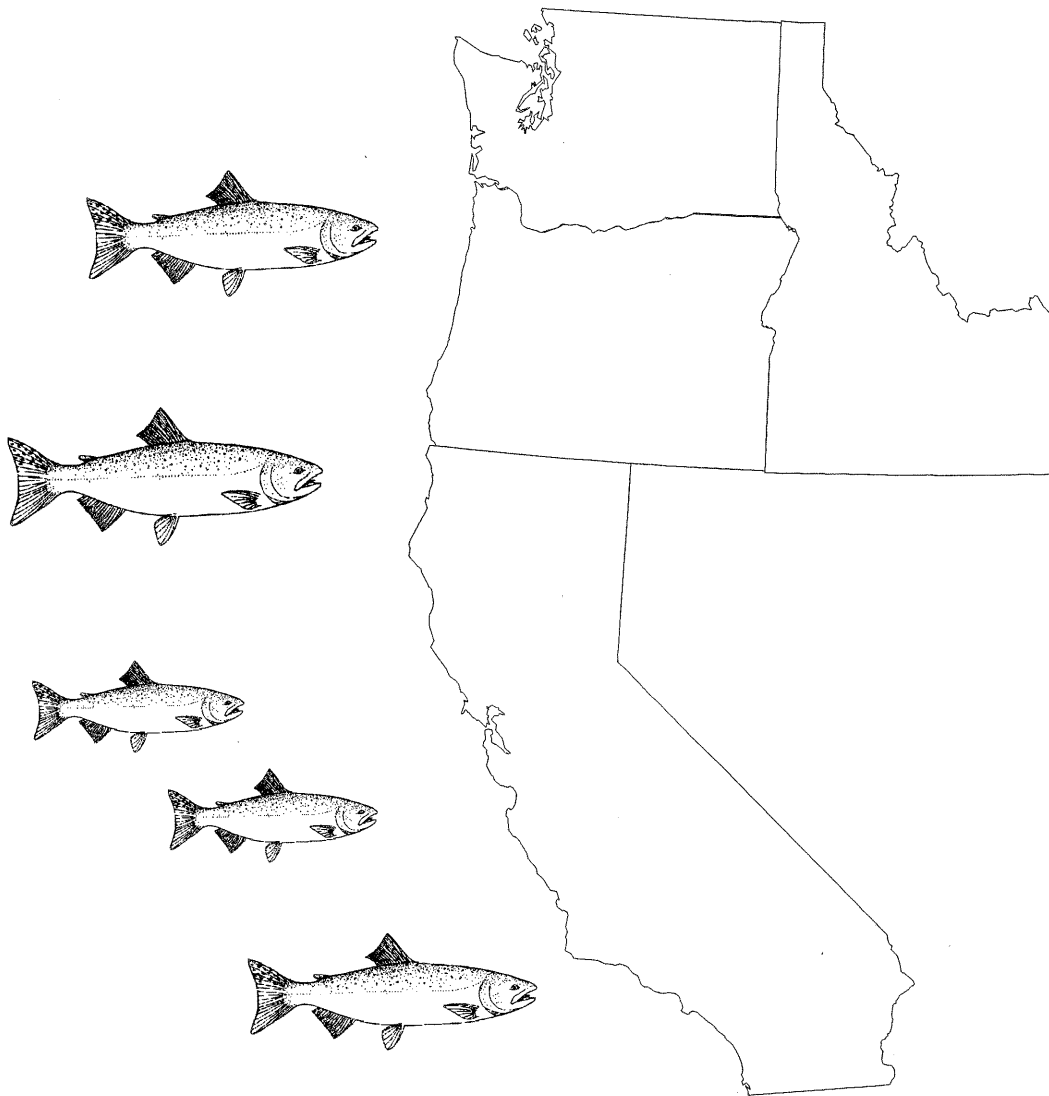


REVIEW OF 1994 OCEAN SALMON FISHERIES



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LIST OF ACRONYMS AND ABBREVIATIONS

CDFG	California Department of Fish and Game
Council	Pacific Fishery Management Council
CRFMP	Columbia River Fish Management Plan
CVI	Central Valley index
CWT	coded-wire tag
EEZ	exclusive economic zone (from 3 to 200 miles from shore)
ESA	Endangered Species Act
FMP	fishery management plan
GSI	genetic stock identification
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 (fall chinook returning to hatcheries below Bonneville Dam)
LRW	lower Columbia River wild (fall chinook spawning naturally below Bonneville Dam)
MCB	mid-Columbia River brights (hatchery fall chinook released in the Mid-Columbia River)
NA	not available
NMFS	National Marine Fisheries Service
OCN	Oregon coastal natural (coho)
ODFW	Oregon Department of Fish and Wildlife
OPI	Oregon production index (coho salmon stock index south of Leadbetter Point)
PSC	Pacific Salmon Commission
SCH	Spring Creek Hatchery (fall chinook returning to Spring Creek Hatchery)
Secretary	Secretary of Commerce
STT	Salmon Technical Team (formerly the Salmon Plan Development Team)
TAC	total allowable catch
URB	upper river brights (fall chinook normally migrating past McNary Dam)
WCVI	West Coast Vancouver Island
WDFW	Washington Department of Fish and Wildlife

INTRODUCTION

This postseason review of the 1994 ocean salmon fisheries off the coasts of Washington, Oregon and California has been prepared in accordance with Section 3.10 of the Council's salmon framework amendment and provides a portion of the information required by Section 602.12(e) of the guidelines for regional council fishery management plans. 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 years. There are no directed fisheries for other Pacific salmon species and they occur only rarely in Council-managed harvests.

The 1994 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 1995. The Council will formally review this report at its March meeting in South San Francisco, California, prior to the development of management options for the 1995 fishing season. To further assist the Council in its development of management recommendations, the Salmon Technical Team will produce three preseason reports for 1995. These reports will provide estimates of stock abundance and analyze the impacts of the Council's proposed and adopted management recommendations.

Chapter I of this review discusses the 1994 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. Data for individual years prior to 1987 have been eliminated from Appendix A in this report. A statistical report containing historical ocean harvest data from 1990 back to the 1950s, on a state-by-state basis, is available from the Council office. Chapter I also provides a brief summary of the 1994 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.

The following should be noted 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.