

Science, Service, Stewardship



An Overview of Ocean Fisheries for Chinook Salmon

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NMFS NW Fishery Science Center

April 27, 2012

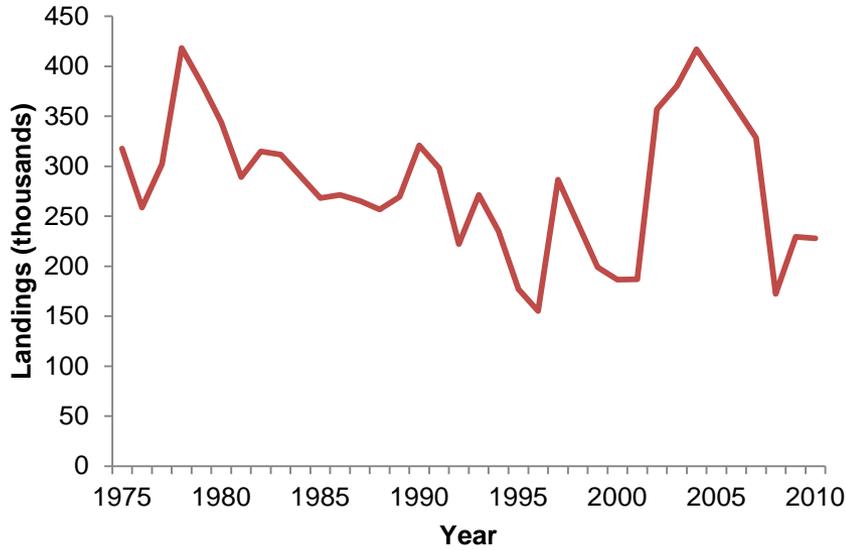
**NOAA
FISHERIES
SERVICE**



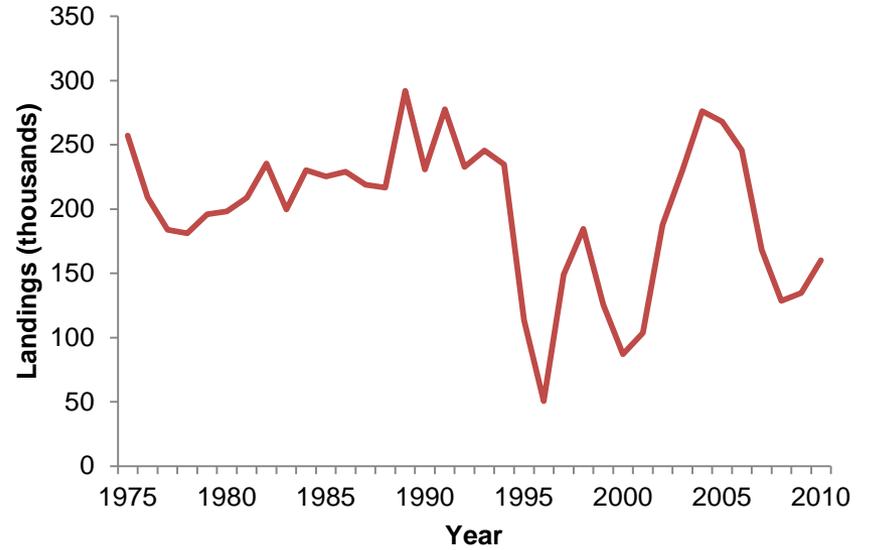
Landings Data

- Data are in terms of landed catch in pre-terminal ocean fisheries.
- Southeast Alaska landings are of “Treaty fish”. i.e., catch attributed to increases in Alaskan hatchery production, and in limited terminal area fisheries is excluded.
- Most landings data are from the most recent CTC Catch and Escapement report (TCCHINOOK (12)-1).
- Landings from south of Cape Falcon are from PFMC historic fishery database.

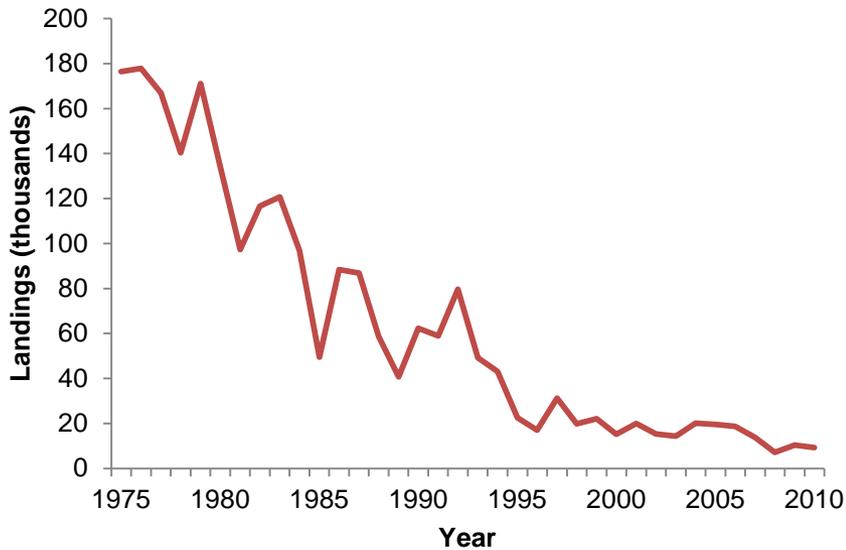
Southeast Alaska



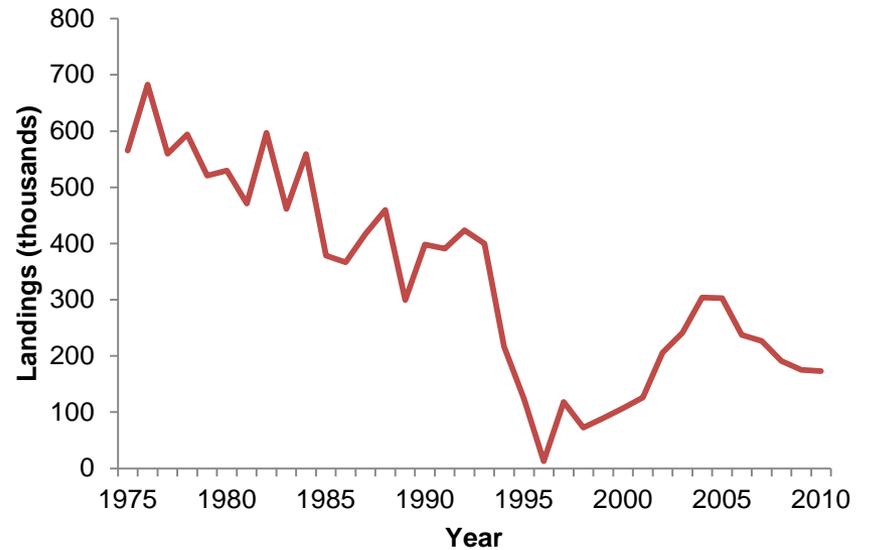
Northern BC



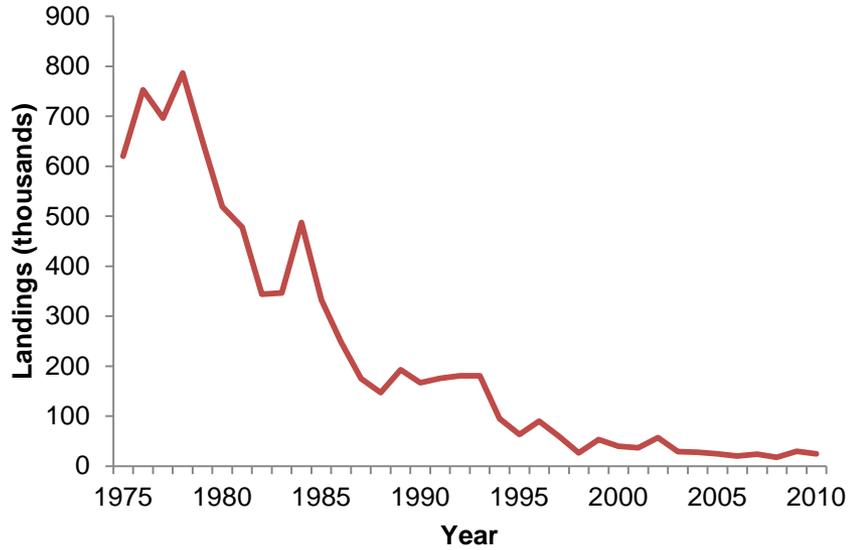
Central BC



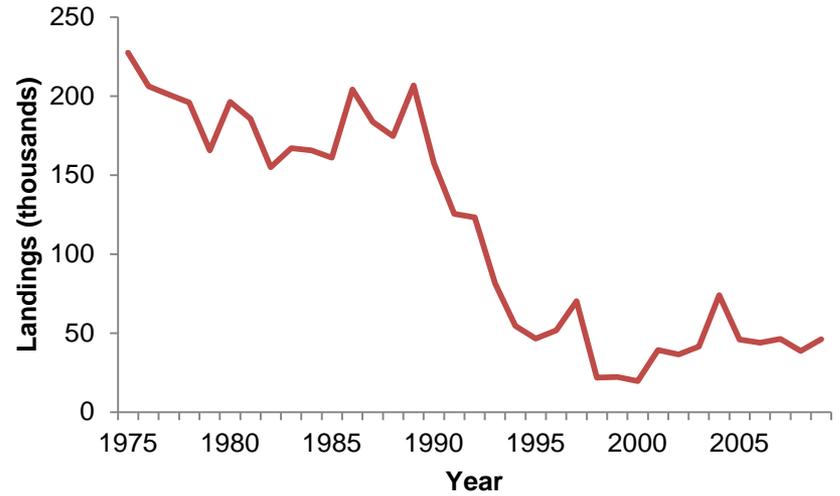
West Coast Vancouver Island



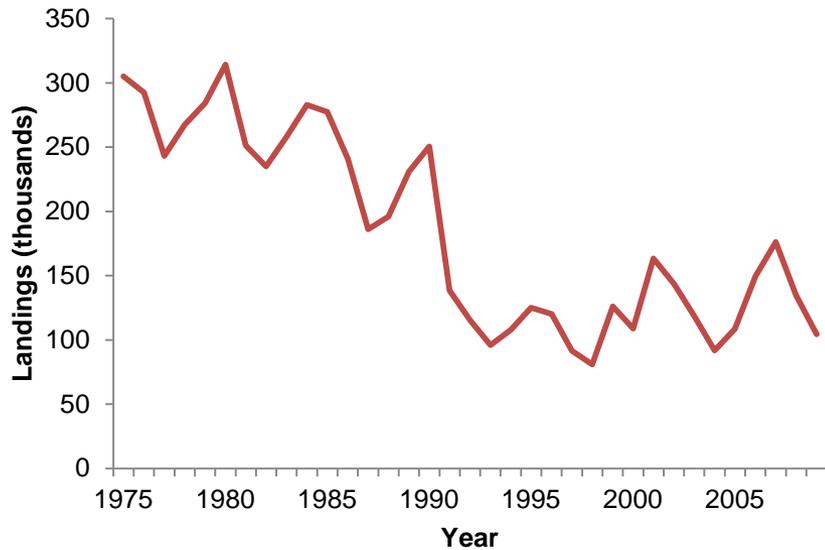
Johnstone and Georgia Straits



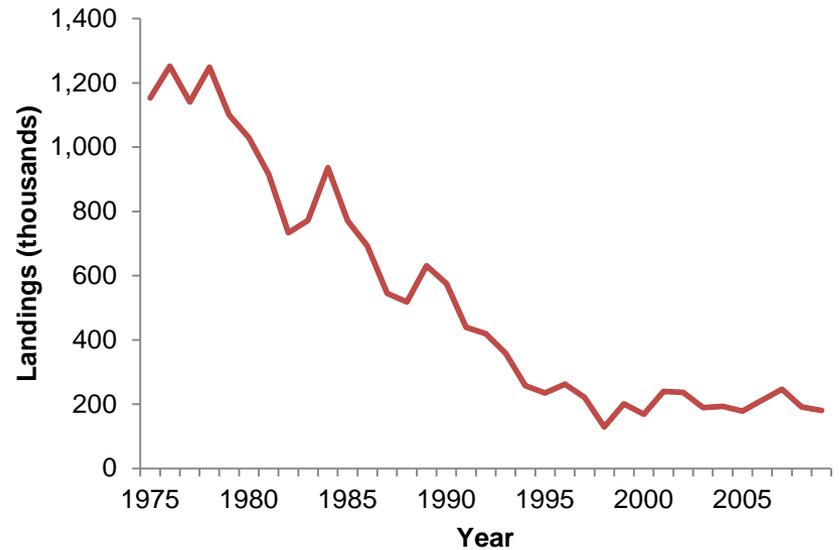
San Juans and Strait of Juan de Fuca



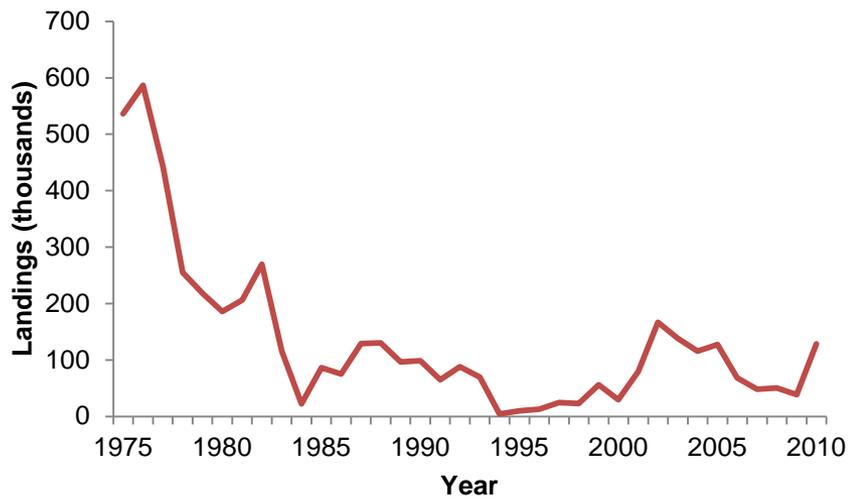
Puget Sound



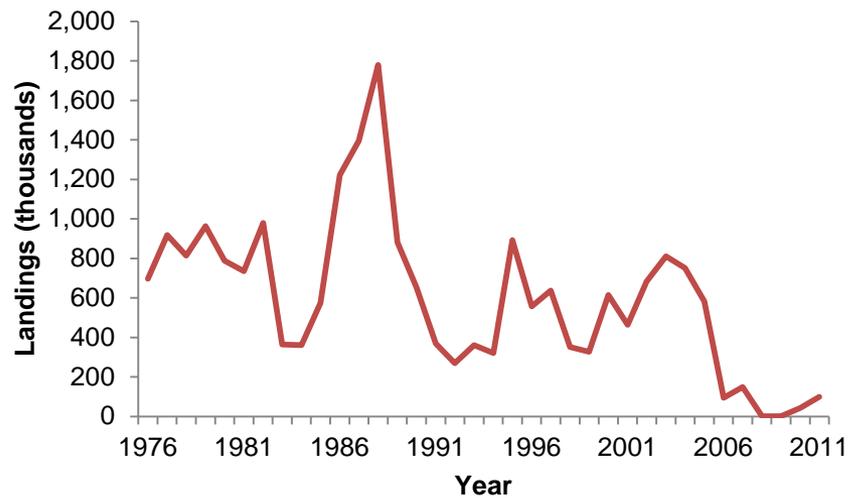
Total inside waters



Coastal Waters North of Cape Falcon



Coastal Waters South of Cape Falcon

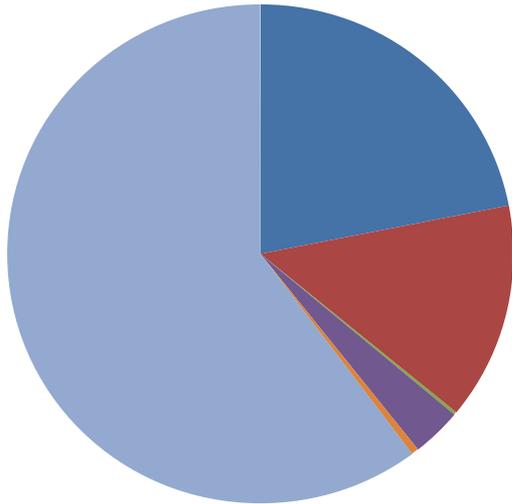




Distribution of Impacts on Stock Aggregates

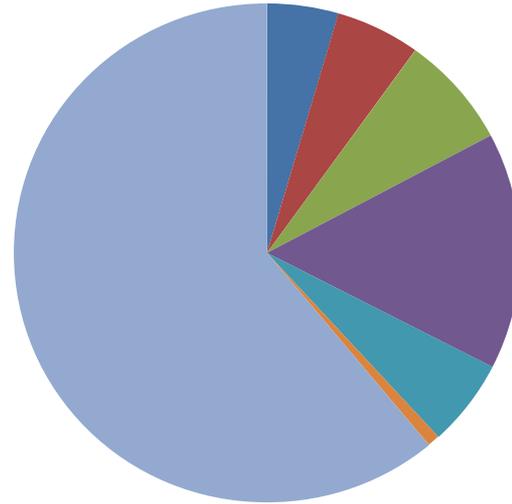
- Data compiled from CTC Model Calibration and Exploitation Rate Analysis Report (in prep.)
- Impacts based on coded-wire-tag recoveries.
- Fishery impacts include landed catch and incidental mortality.
- Terminal area fishery impacts are included in fishery escapement.
- Multiple indicator stocks are combined for some stock aggregates.
- Data are based on the expanded estimates of total CWTs for the catch years 1999 through 2009 inclusive, so they reflect the magnitude of current fisheries.

Upper Georgia Strait



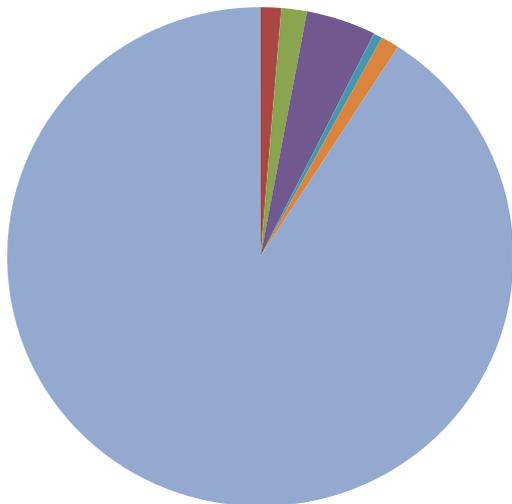
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Lower Georgia Strait



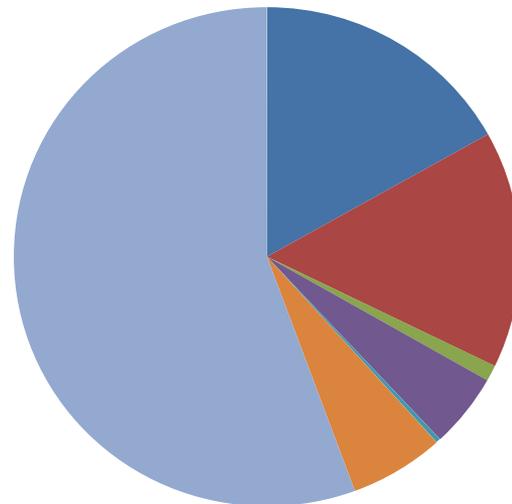
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Fraser spring (stream)



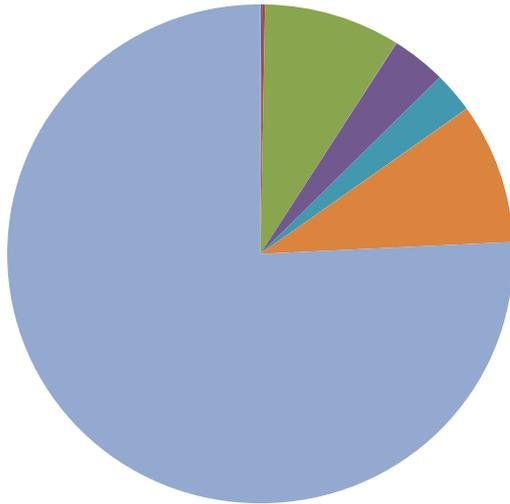
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Fraser summer (ocean)



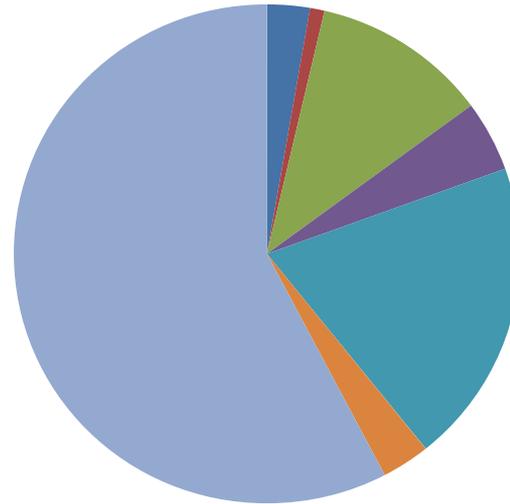
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Fraser late



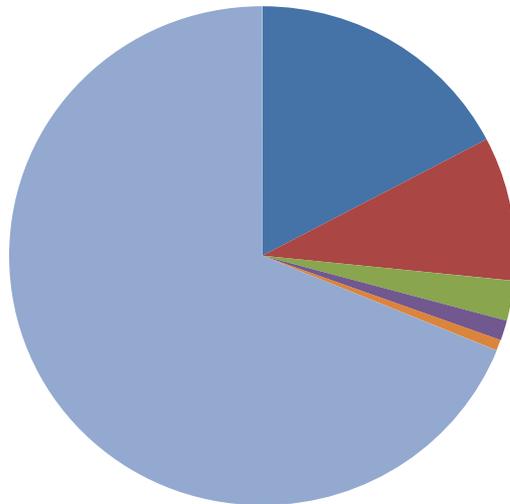
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Puget Sound summer/fall



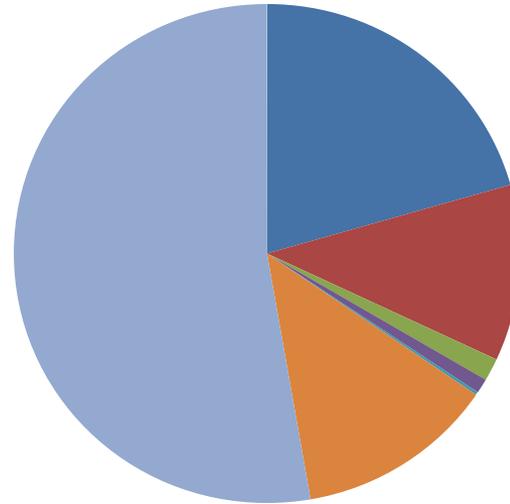
- SEAK
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- PS
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- ESC

West Coast Vancouver Island



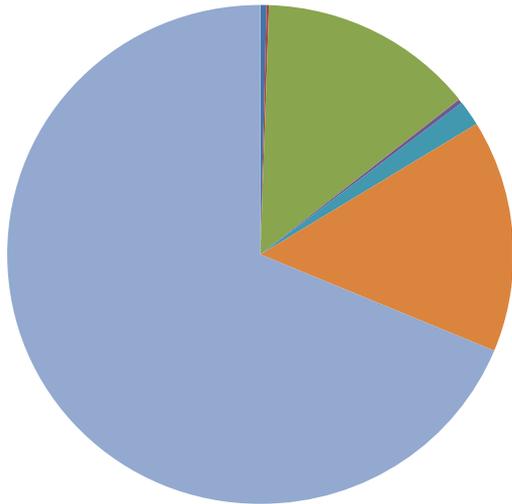
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- ESC

Washington Coast



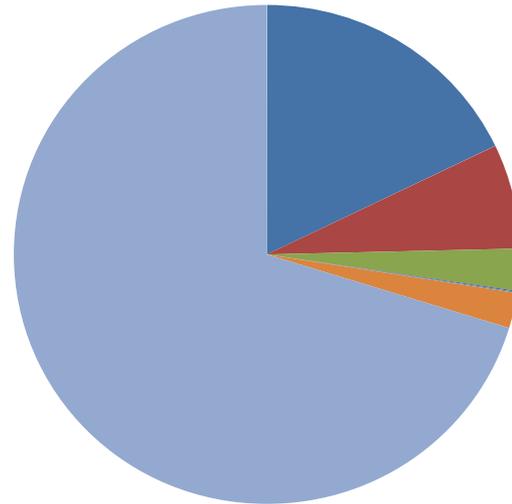
- SEAK
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- Geo Str
- PS
- NOF
- ESC

Columbia River tule fall



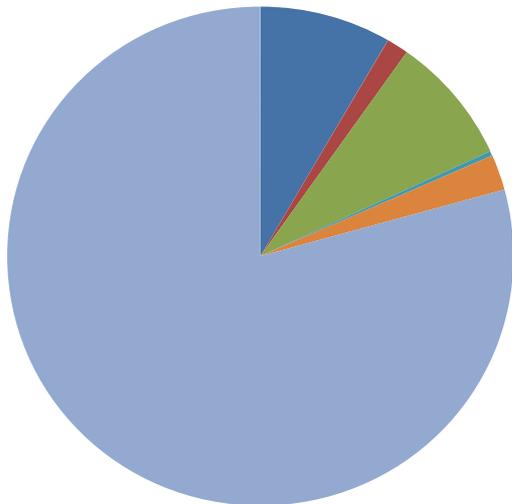
- SEAK
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- PS
- NOF
- ESC

Upper River Bright fall



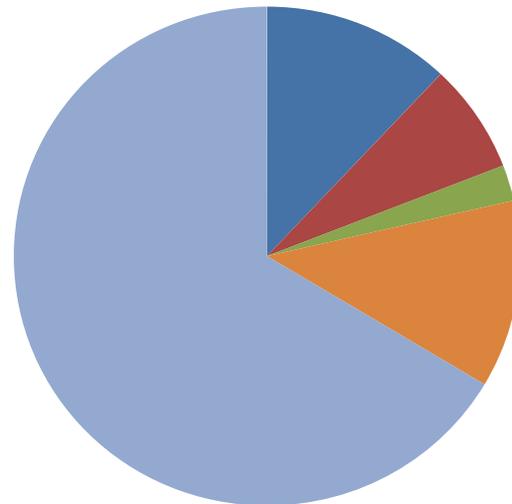
- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Columbia River summer



- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC

Oregon Coast fall



- SEAK
- NCBC
- WCVI
- Geo Str
- PS
- NOF
- ESC