

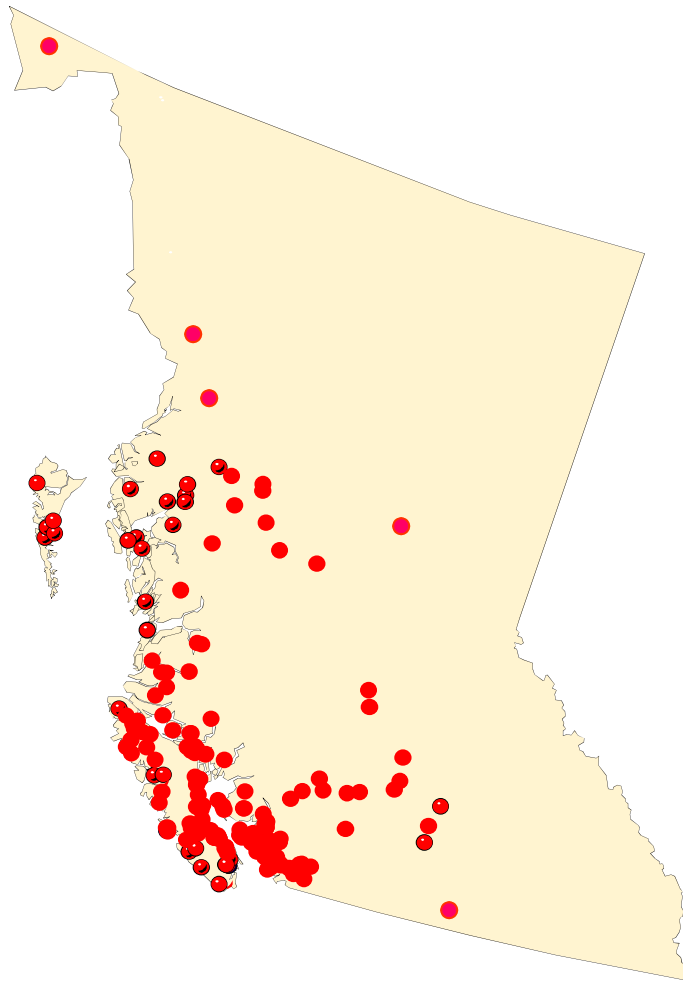


SEP- Salmonid Enhancement Program Fisheries and Oceans Canada



Initiated in 1977
and supports:

- ☐ Salmon stock rebuilding
- ☐ Fishing opportunities
- ☐ Hatchery stocks used as indicators for wild salmon stock assessments



☐ Employment and developing stewardship and partnerships with in aboriginal and rural communities.

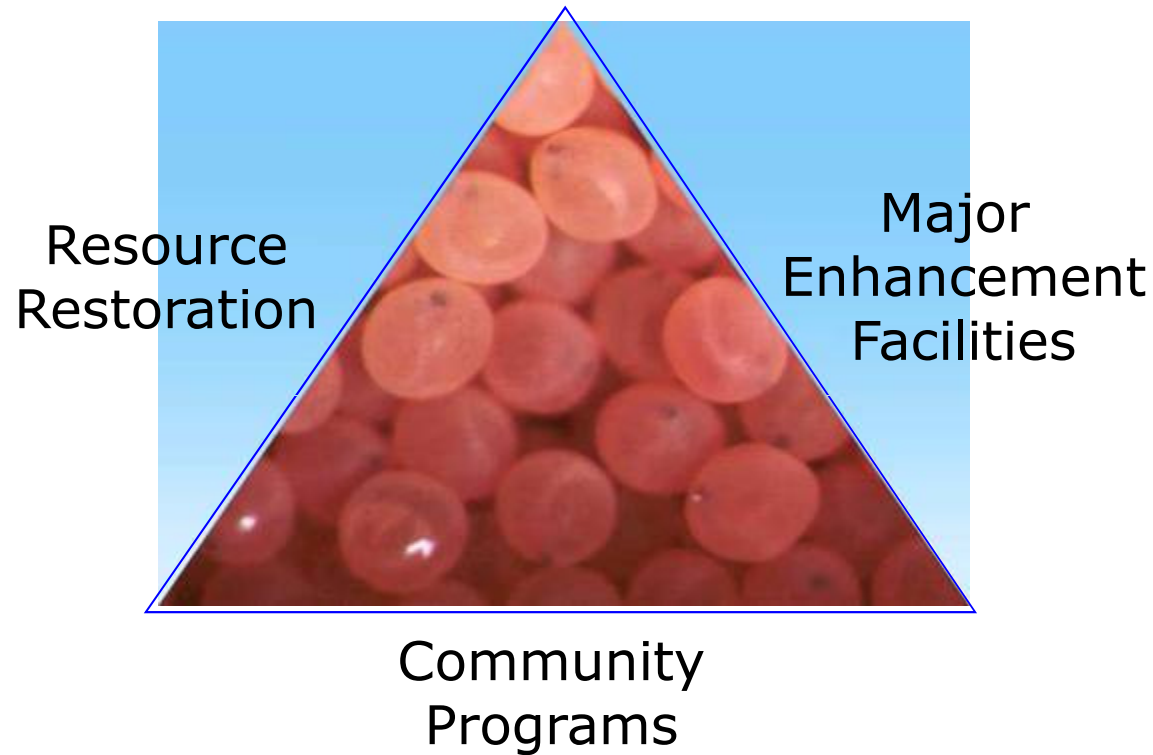
☐ Education about salmon and the aquatic environment

☐ Over 10,000 volunteers assist with restoration and enhancement activities

• Red dots are locations of SEP related facilities / projects



Enhancement Program





SEP Overview



Resource Restoration

- ☐ 200+ restoration projects with community, corporate and FN partners
- ☐ Watershed planning
- ☐ Salmon recovery
- ☐ Net gain of fish habitat
- ☐ Current spending ~ \$3M / 27 FTE's

Major Enhancement Facilities

Annual release of 430M juvenile salmon
(2005)

- ☐ 23 SEP operated facilities and managed spawning channels (14 major hatcheries)
- ☐ 21 contracted community and First Nation operated facilities (CEDP)
- ☐ Production objectives are - Conservation + Sustaining fisheries
- ☐ Current spending ~ \$19.5M / 163 FTE's *

Community Programs

- ☐ 18 Community Advisors
- ☐ Partnering
- ☐ Education and Awareness (e.g. Stream to Sea)
- ☐ 10,000+ volunteers
- ☐ 300 small scale volunteer projects (incl. 170 hatchery/incubation projects)
- ☐ Current Spending ~ \$3.2M / 23 FTE's

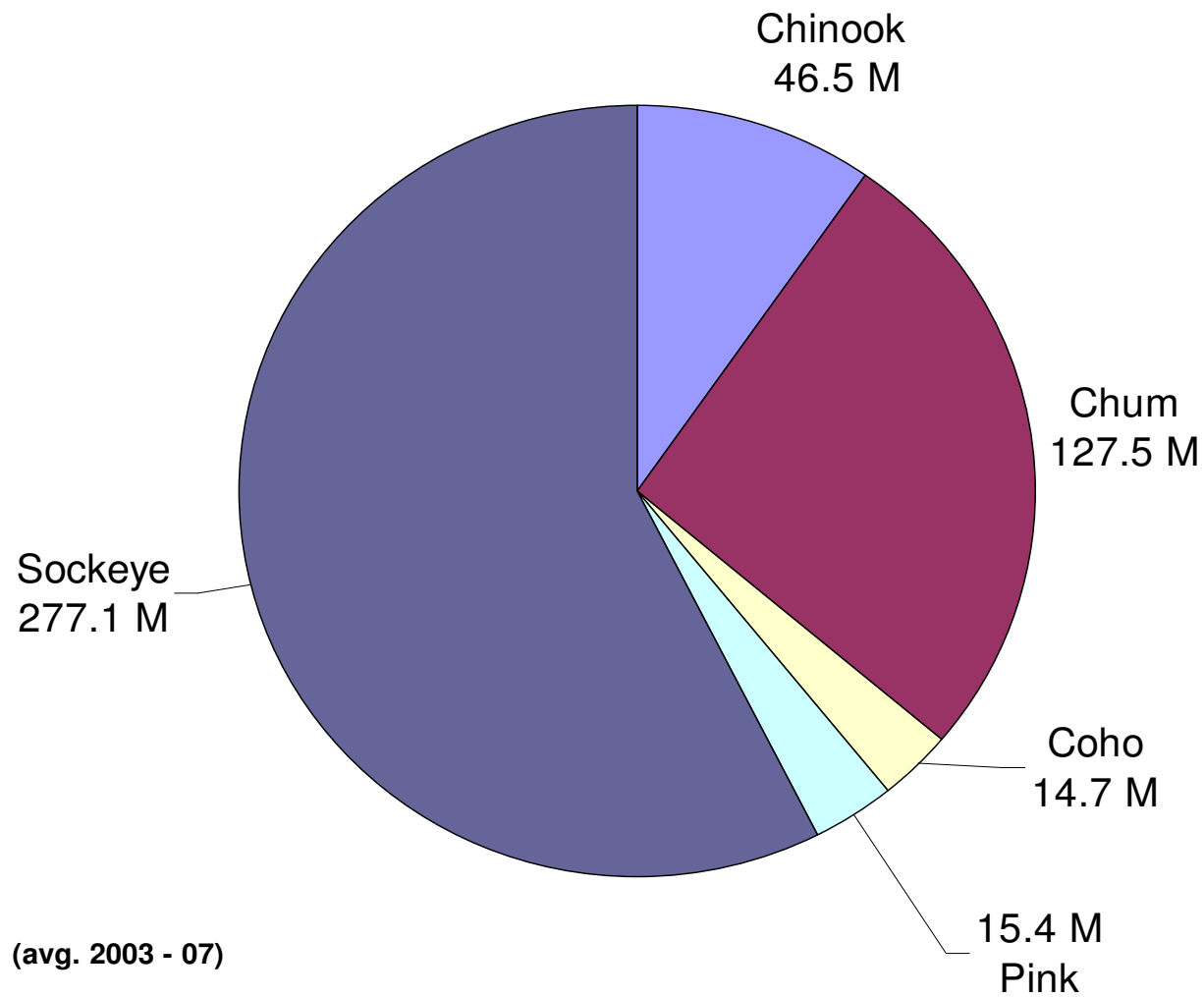
Total Budget:

\$25.7M

213 FTE's

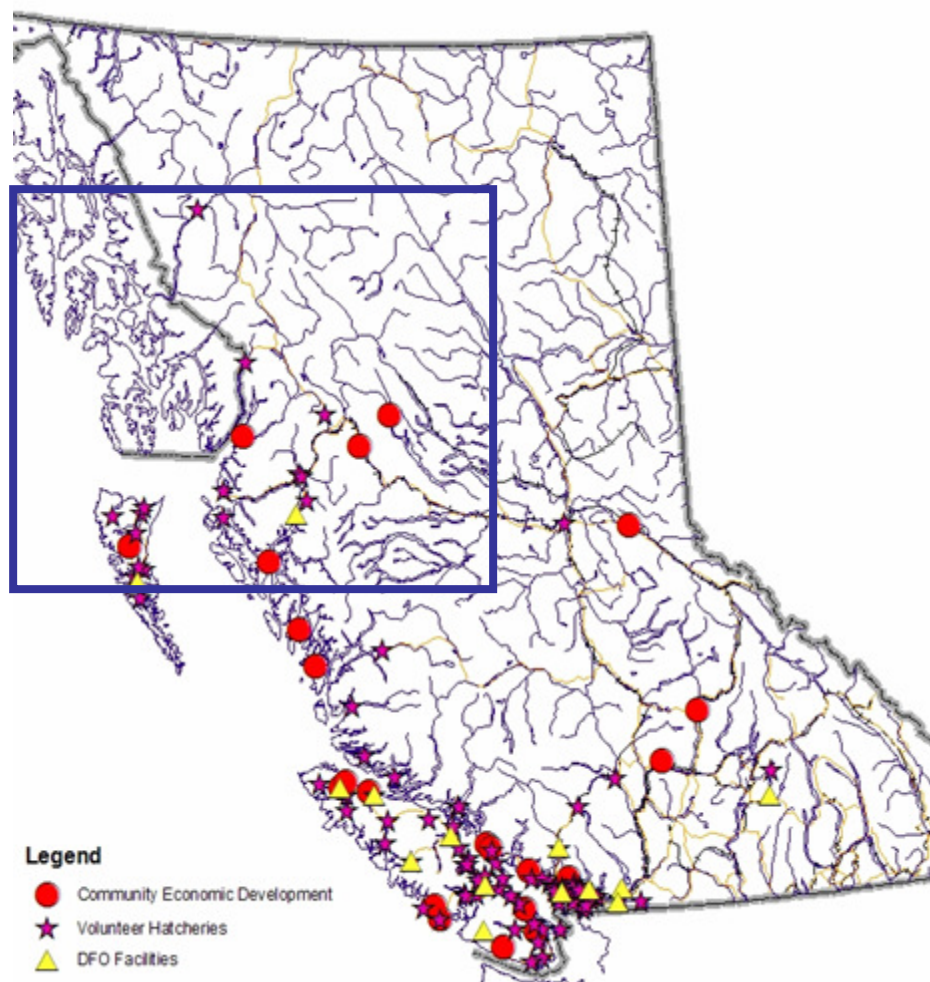


Juvenile Salmon Releases from Hatcheries and Spawning Channels





Northern BC Enhancement Facilities



1 Major Hatchery

8 Community Contract Hatcheries

11 Community/Volunteer Organization Hatcheries

3 Large spawning Channels

20+ habitat restoration projects



Kitimat Hatchery



Federal Production Hatchery

- ☐ Chinook - 9000 adults from 2,200,000 smolts.
- ☐ Coho— 10,000 adults from 500,000 smolts.
- ☐ Chum - 40,000 adults from 4,000,000 smolts.



Toboggan Creek

Upper Skeena River- Bulkley River



Community Contract Hatchery

- ☐ Chinook – 200 adults from 50,000 smolts
- ☐ Coho- 2500 adults from 50,000 smolts
 - ☐ Indicator stock coded wire tagged



North Coast Community/Volunteer Program



Total Enhanced Production:

- ☐ 150,000 coho smolts**
- ☐ 500,000 coho fry**
- ☐ 120,000 Chinook 1+ smolts Releases into approximately 30 streams**
- ☐ CWT provides improved survival trend and harvest information used for the management of North Coast Chinook and coho salmon.**



Babine Lake Spawning Channels

Fulton River and Pinkut Creek



Federal Production Spawning Channels

Fulton River Channels-
1,500,000 adults from
100,000,000 fry.

Pinkut Channel- 800,000
adults from 40,000,000 fry

☐ **Mixed stock fishery impacts to other Skeena River salmon populations.**