

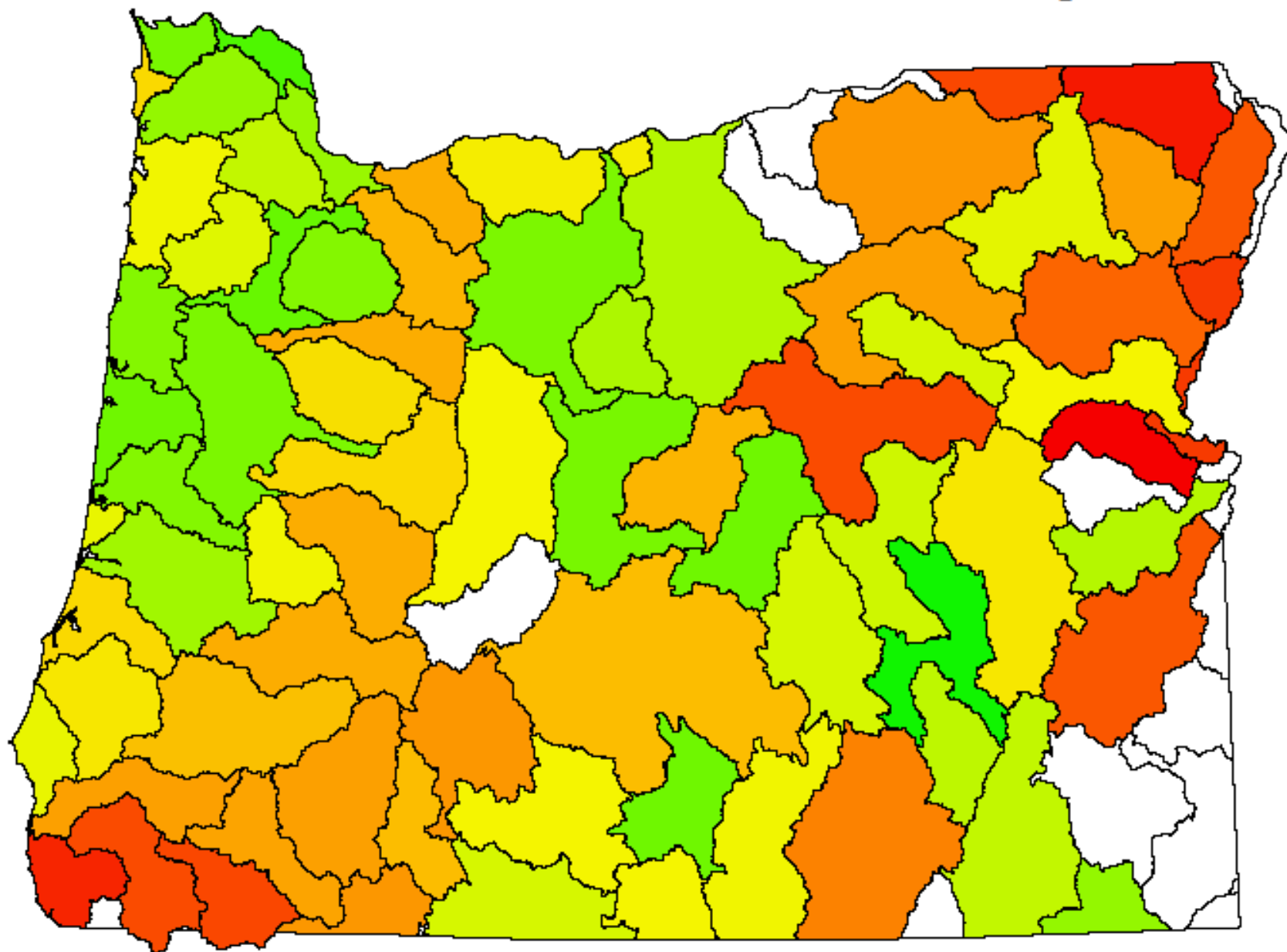
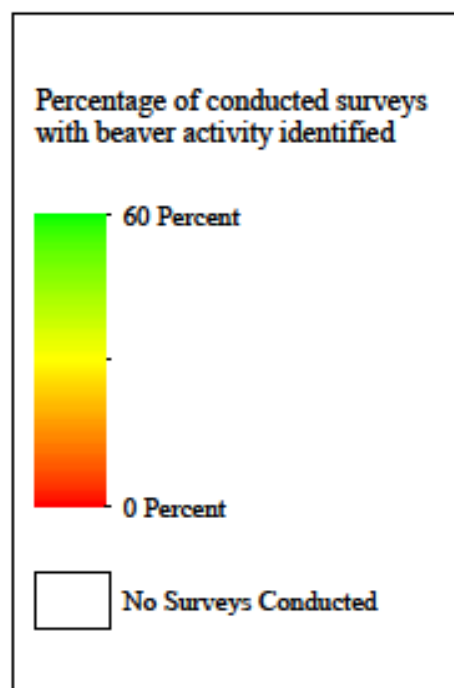
Preliminary Beaver-Related Analyses from
ODFW's
Aquatic Inventories Program (AQI) Data



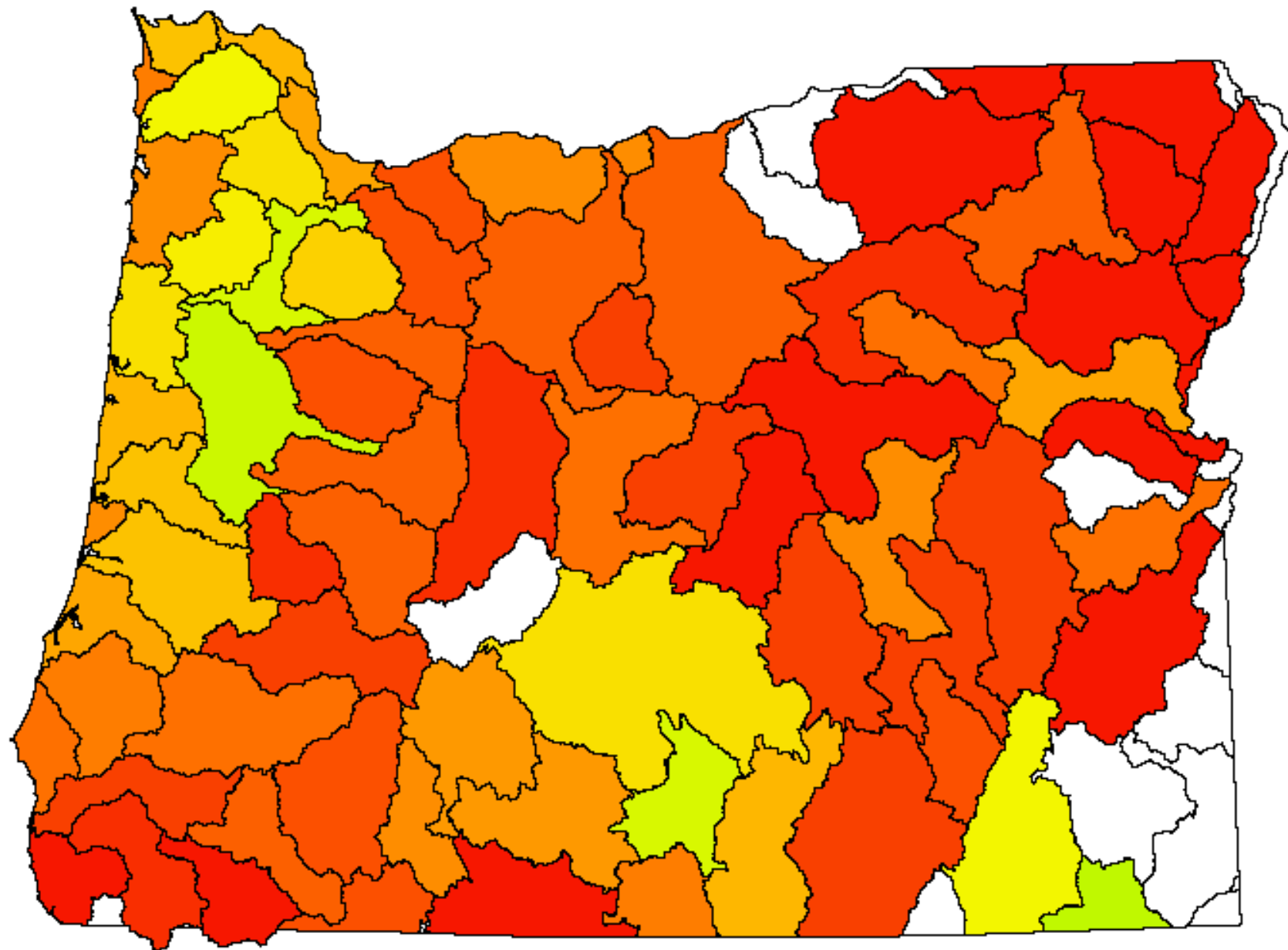
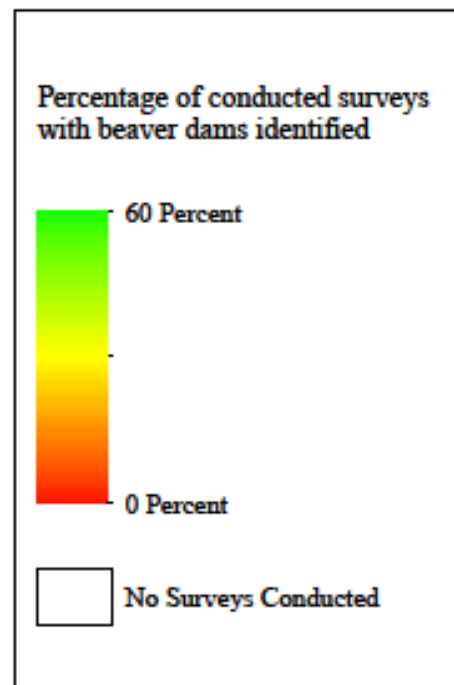
- Oregon Plan Surveys
 - Basin Surveys

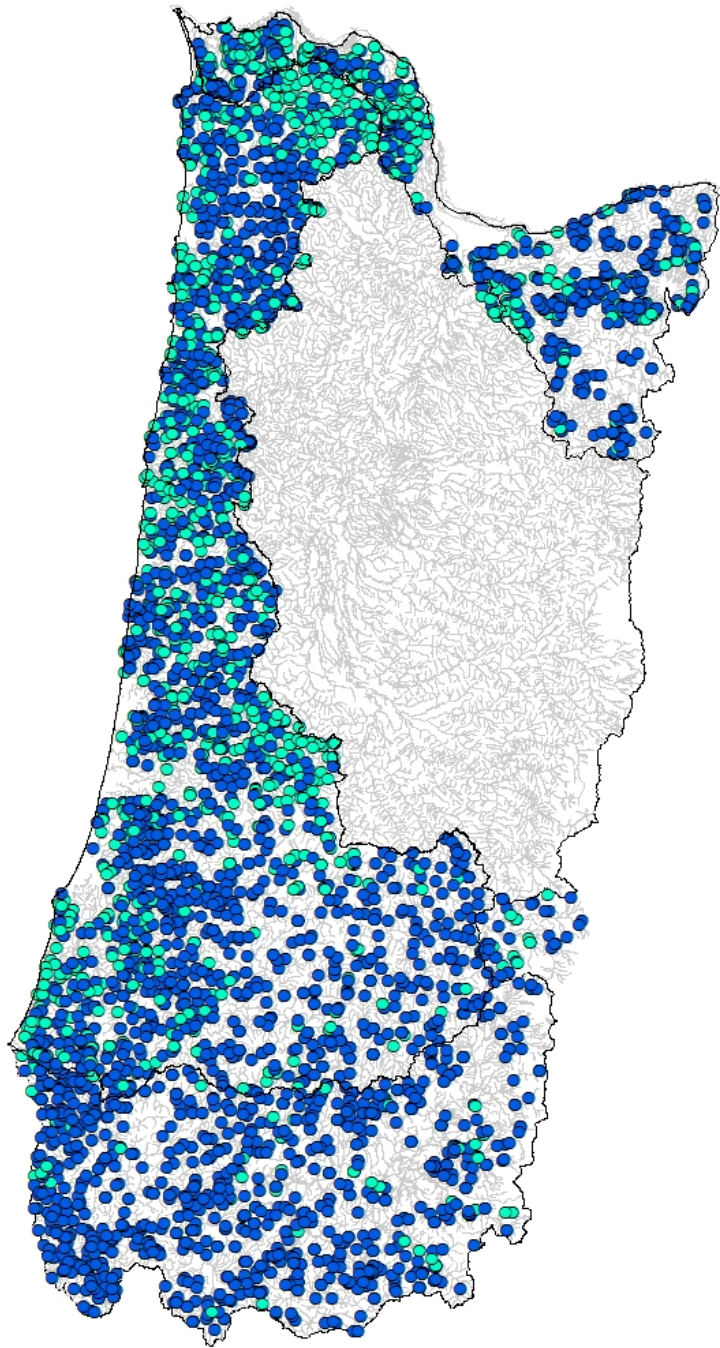


Oregon 4th Field HUC Beaver Activity



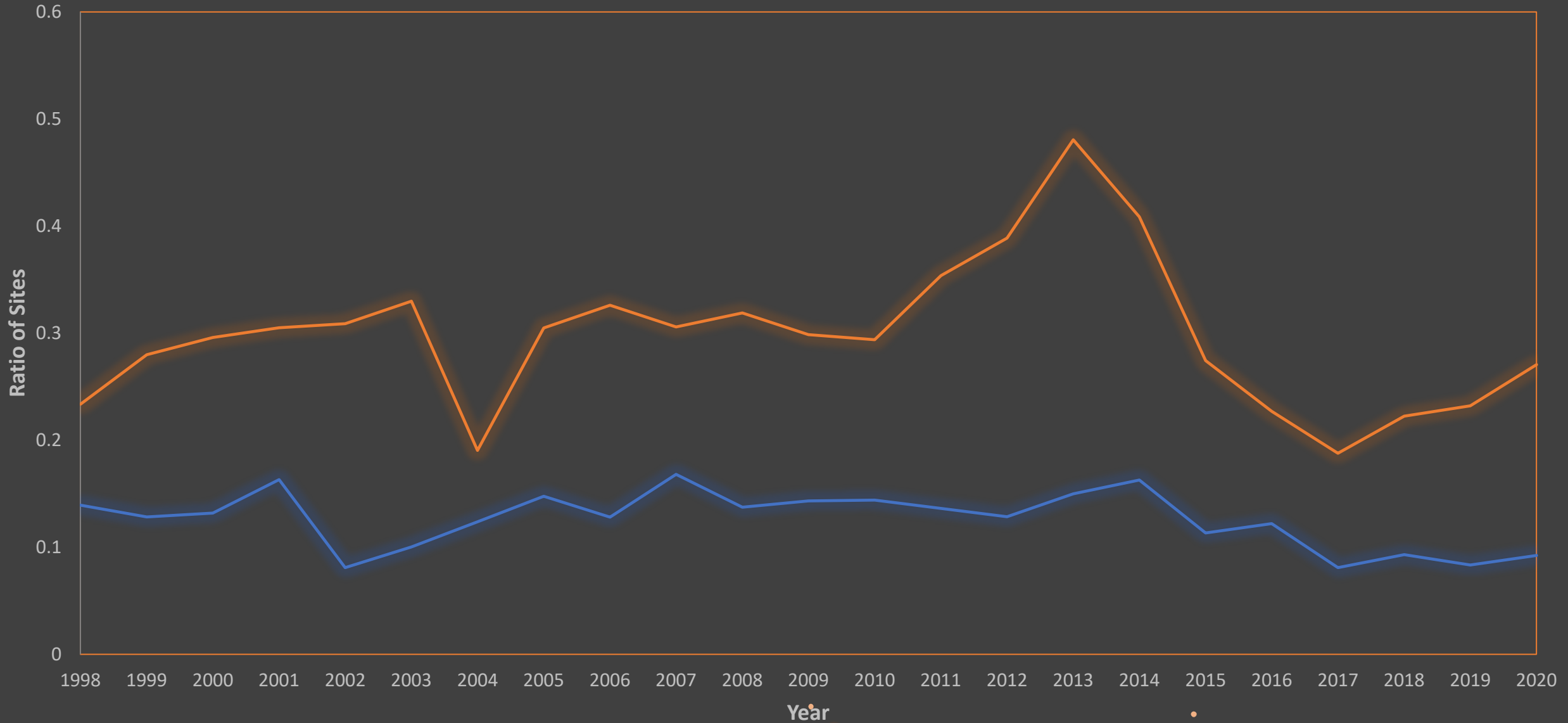
Oregon 4th Field HUC Beaver Dam Presence

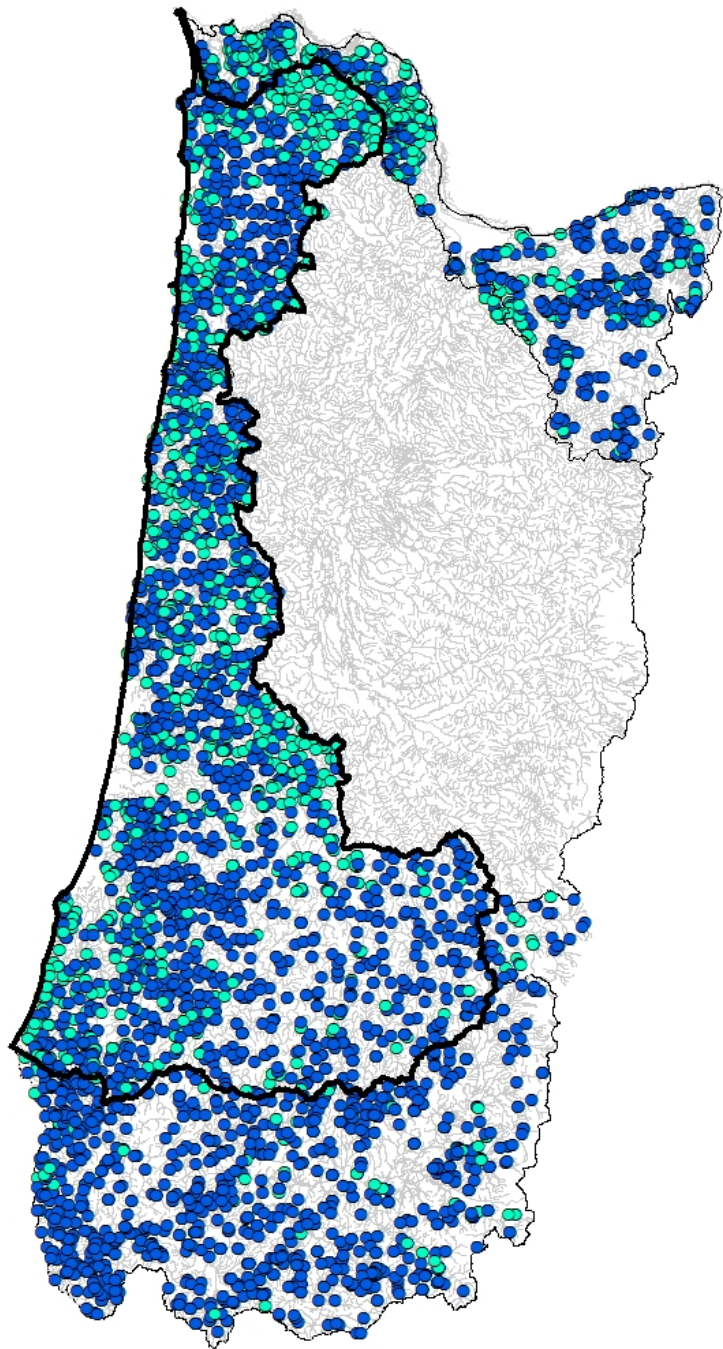




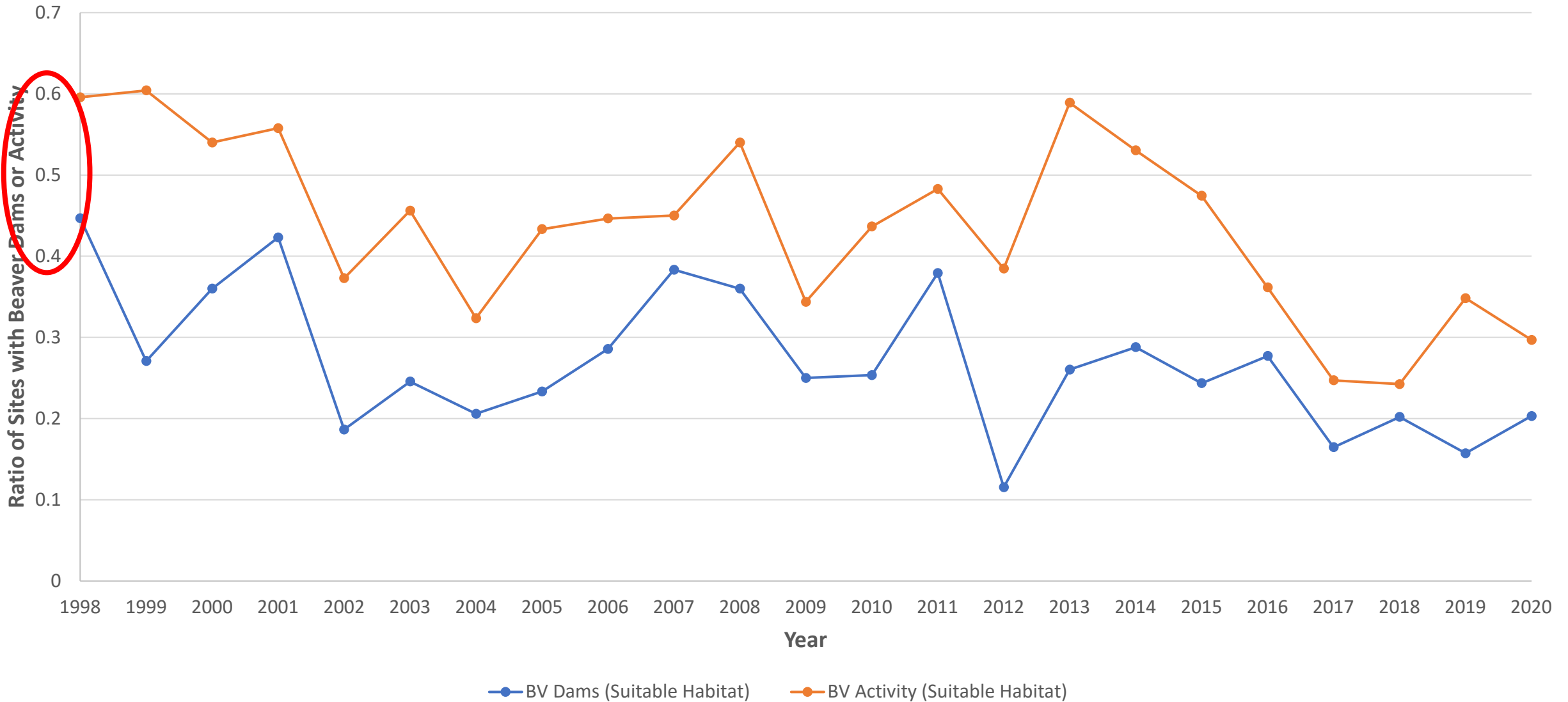
Ratio of Habitat Sites with Beaver Dams and Activity Oregon Plan Surveys 1998-2020, Western Oregon

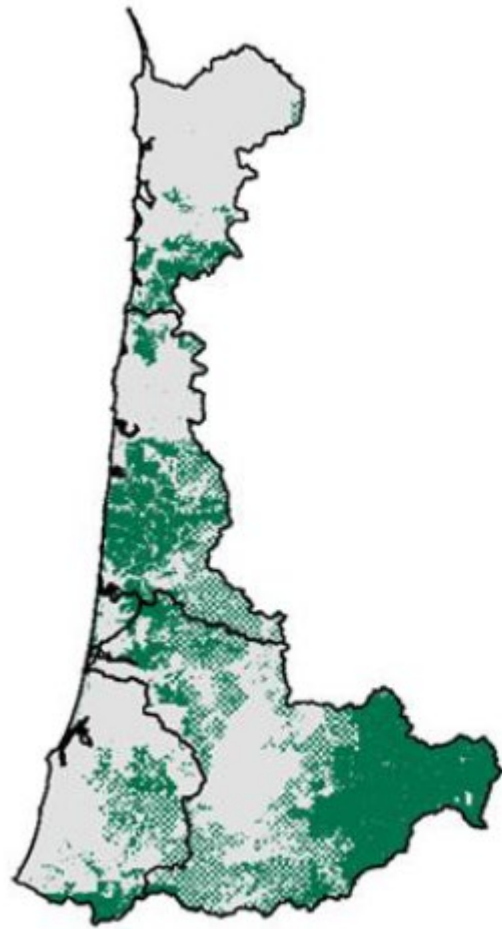
BV DAM Ratio BV ACTIV Ratio



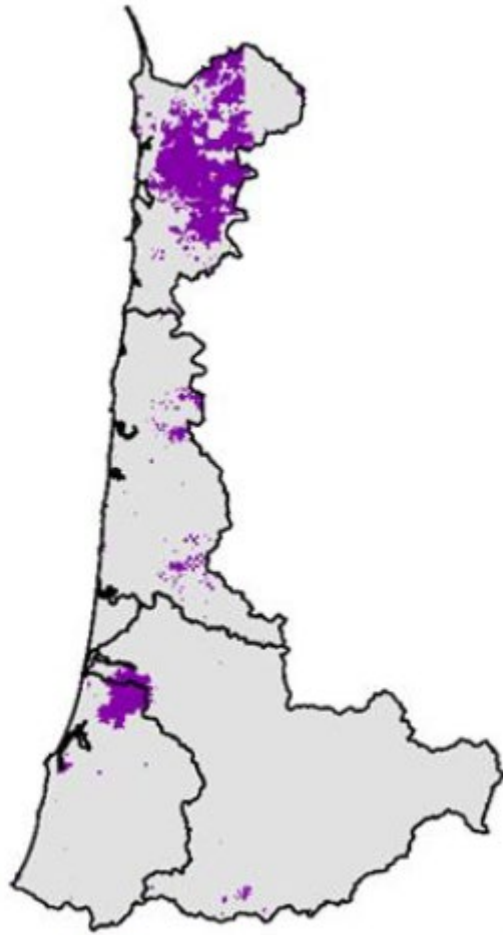


Ratio of Suitable Habitat Sites with Beaver Dams and Activity 1998-2020 Oregon Coast ESU

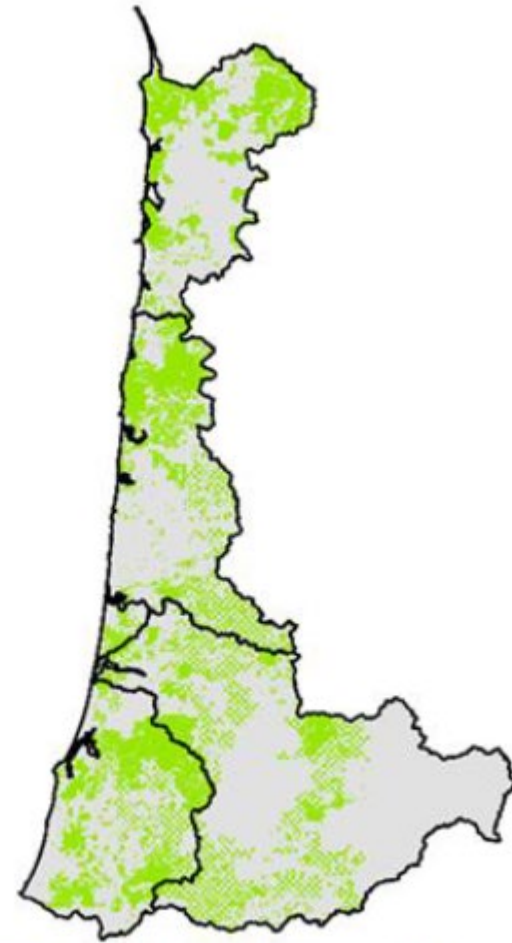




Federal Forest

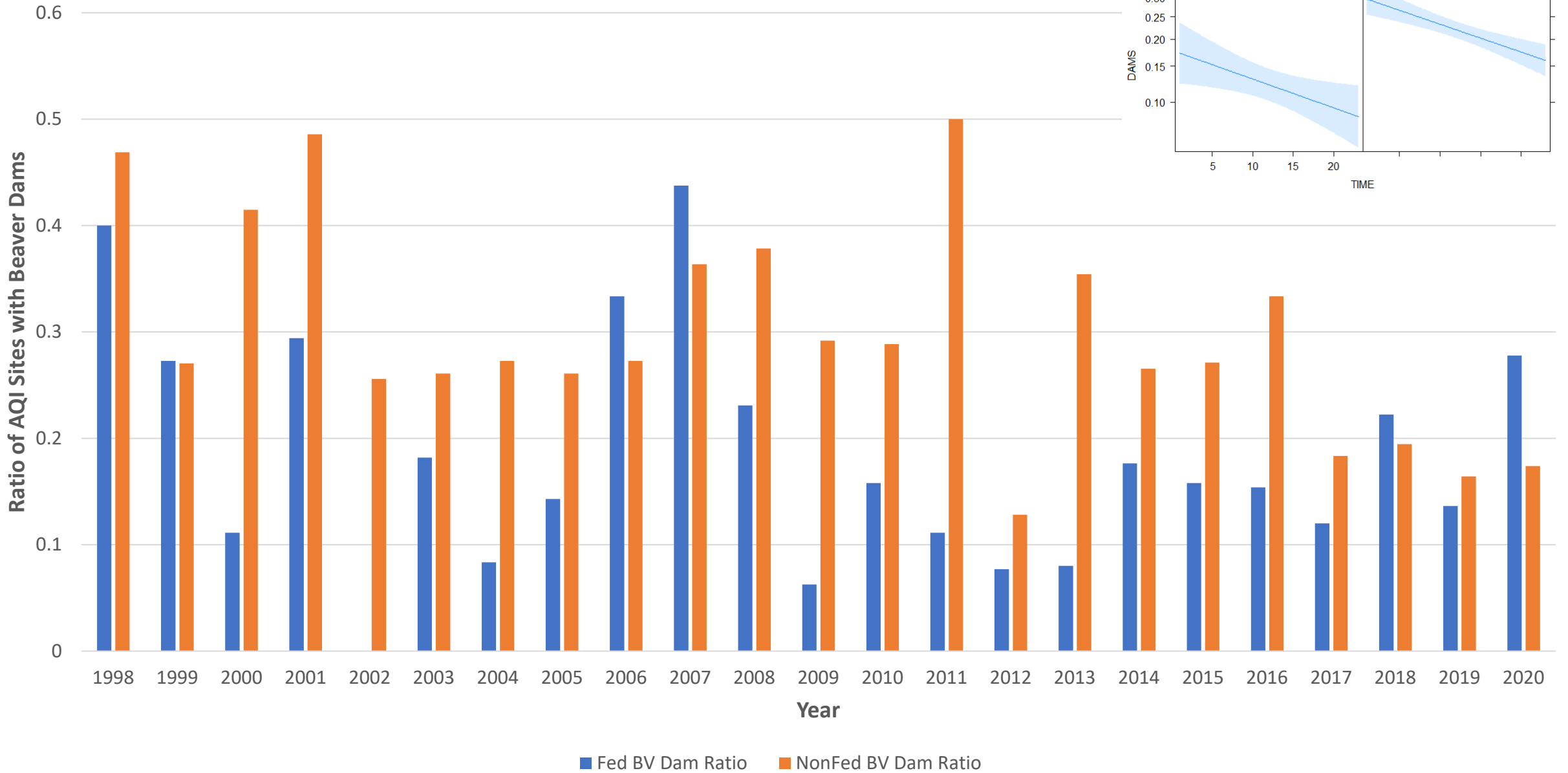


State Forest

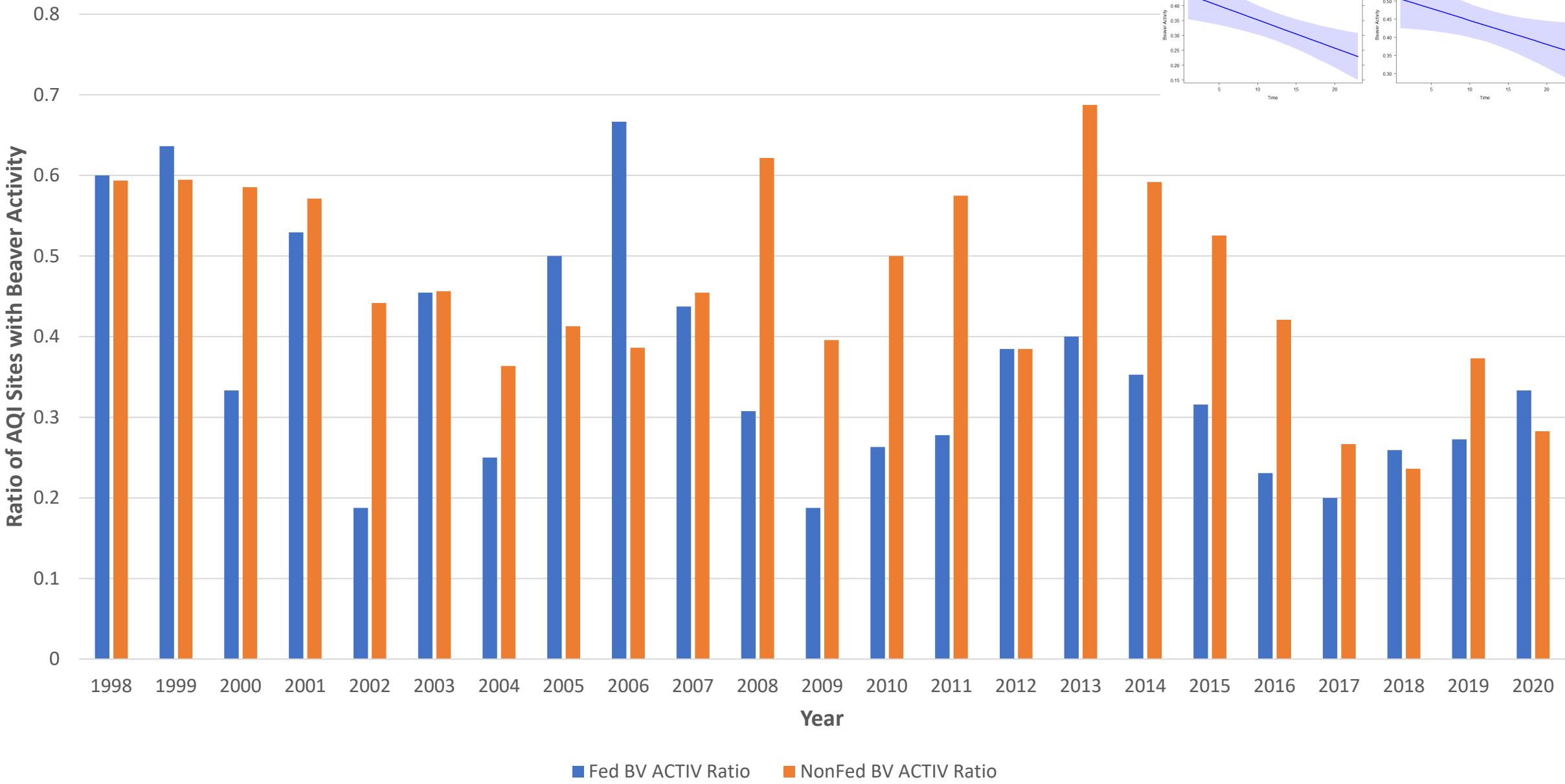


Private Industrial Forest

Beaver Dams within Federal and Non-Federal Ownerships Suitable Habitat, Oregon Coast ESU 1998-2020



Beaver Activity across Federal and Non-Federal Ownerships Suitable Habitat, Oregon Coast ESU 1998-2020

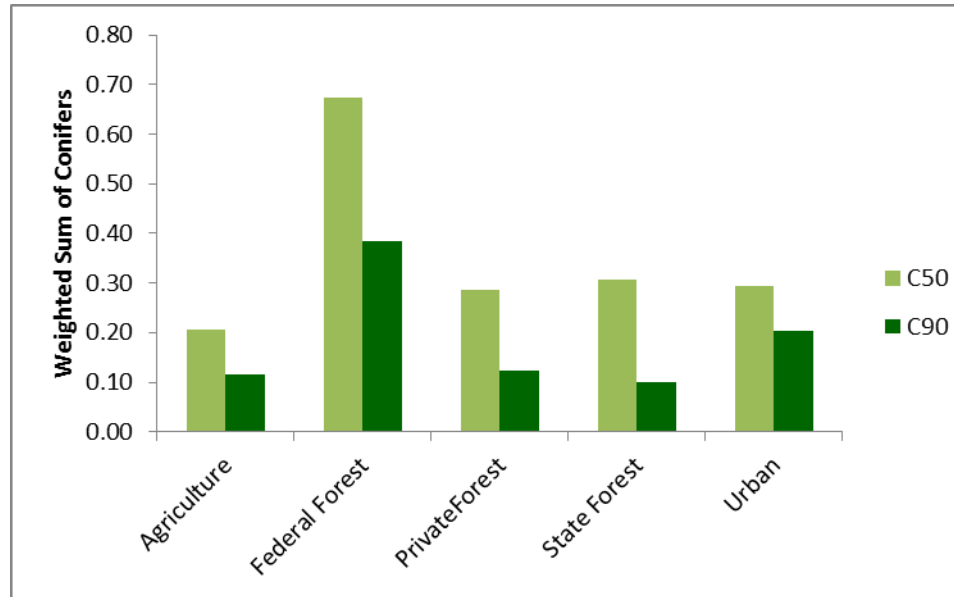


Geomorphic Covariates

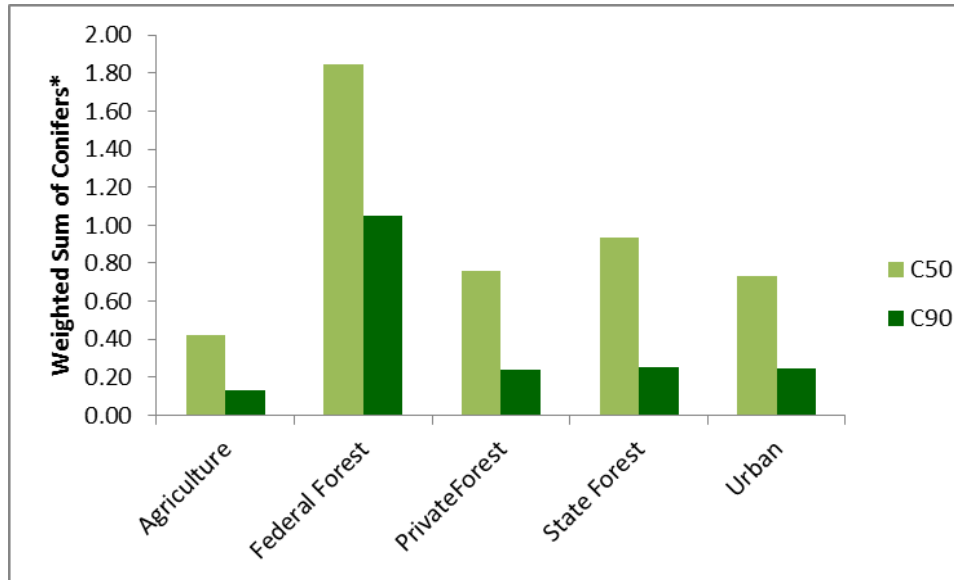
- Across dominant ownerships (federal and non-federal) are there physical habitat variables that influence the presence of beaver dams?
 - Gradient
 - Flood-prone widths
 - Terrace heights
 - Width:Depth Ratio
- *no difference for all habitat and suitable habitat*

Riparian Structure within 30 meters of stream

Inner Riparian
Zone – 10 meters

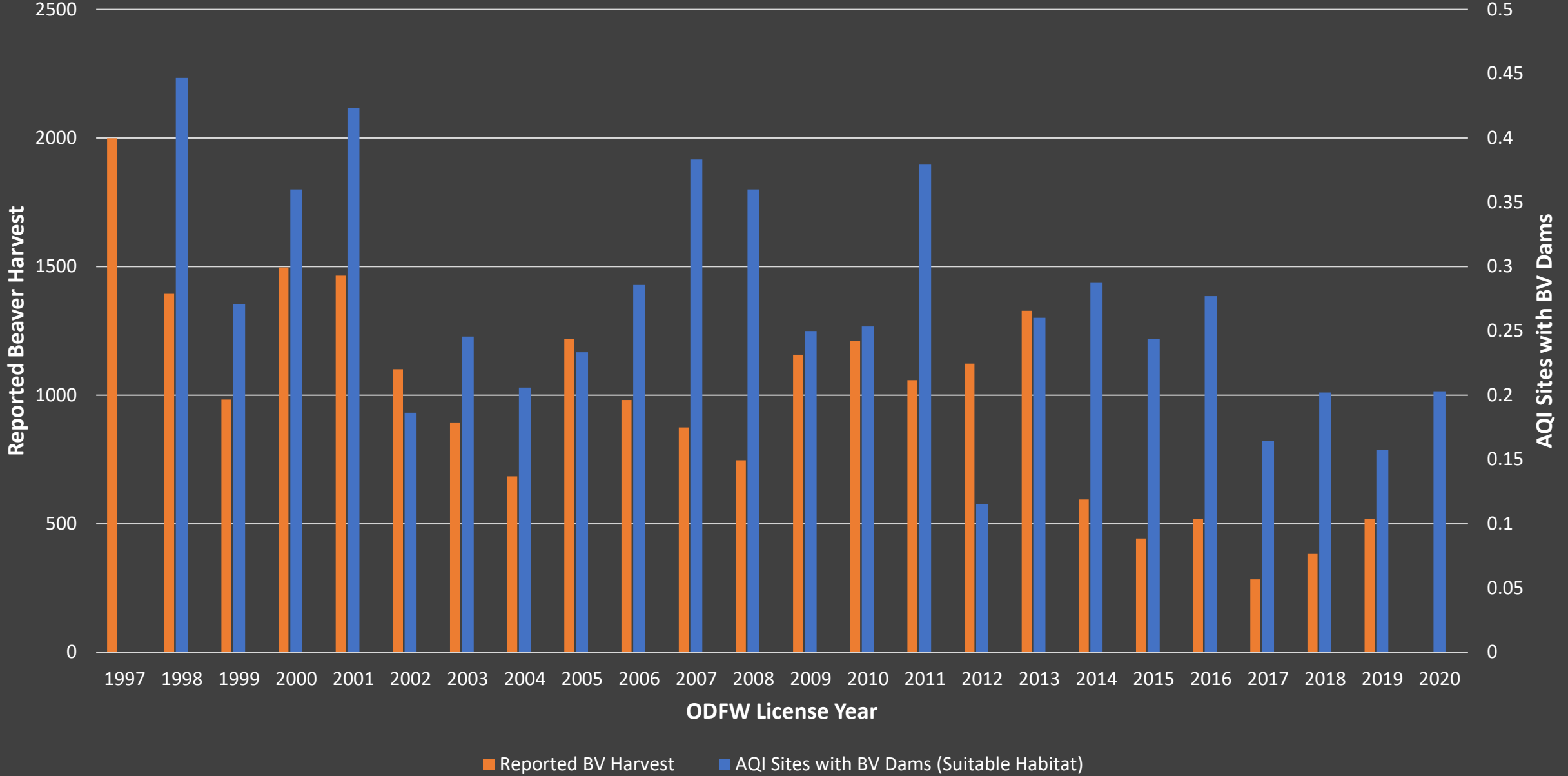


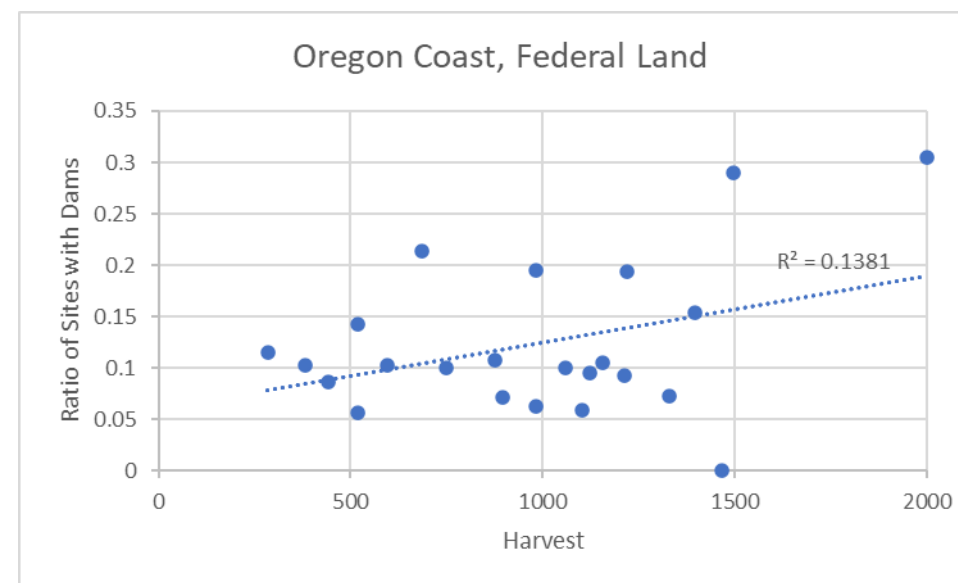
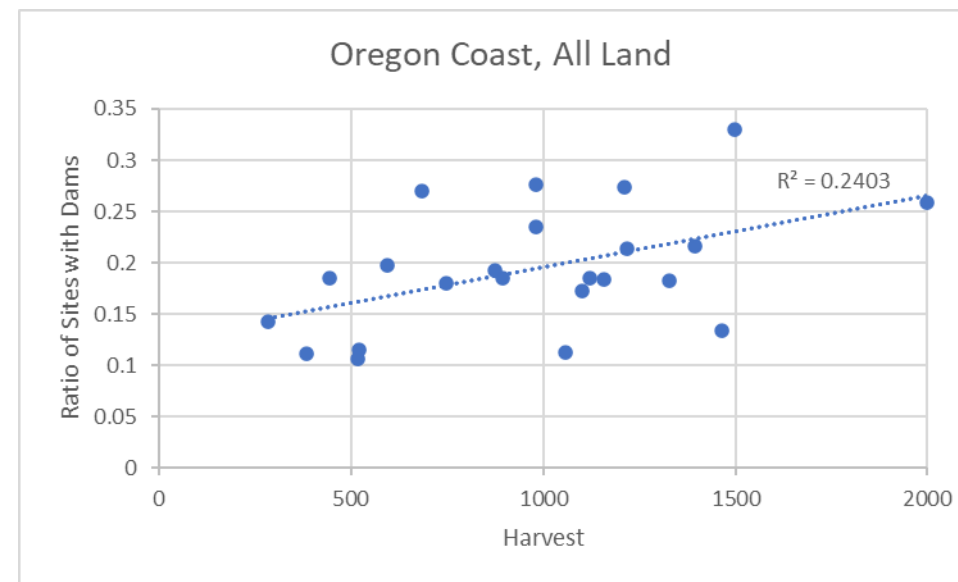
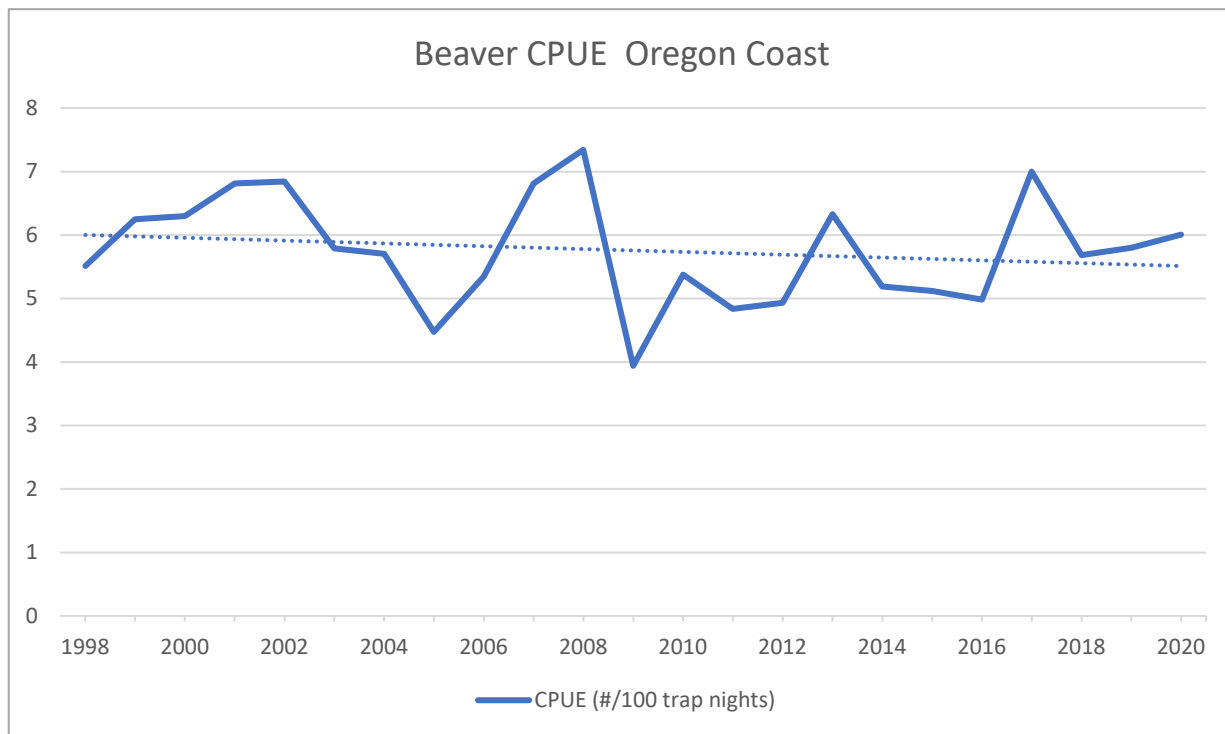
Outer Riparian Zone – 10
– 30 meters

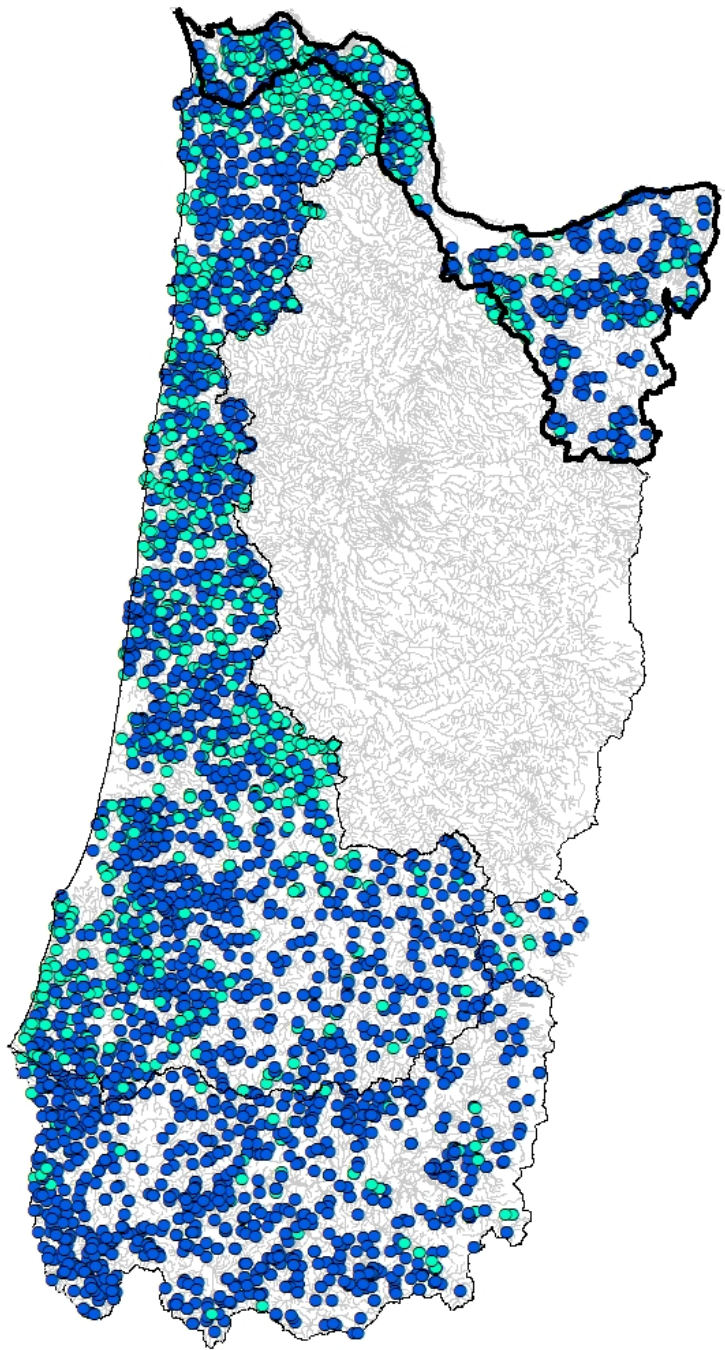


* Weighted by number of sites

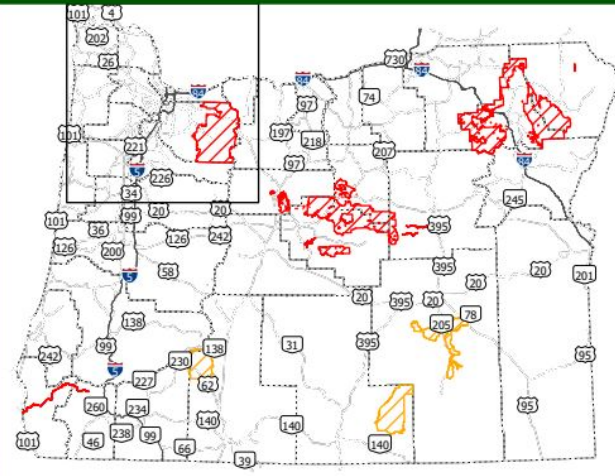
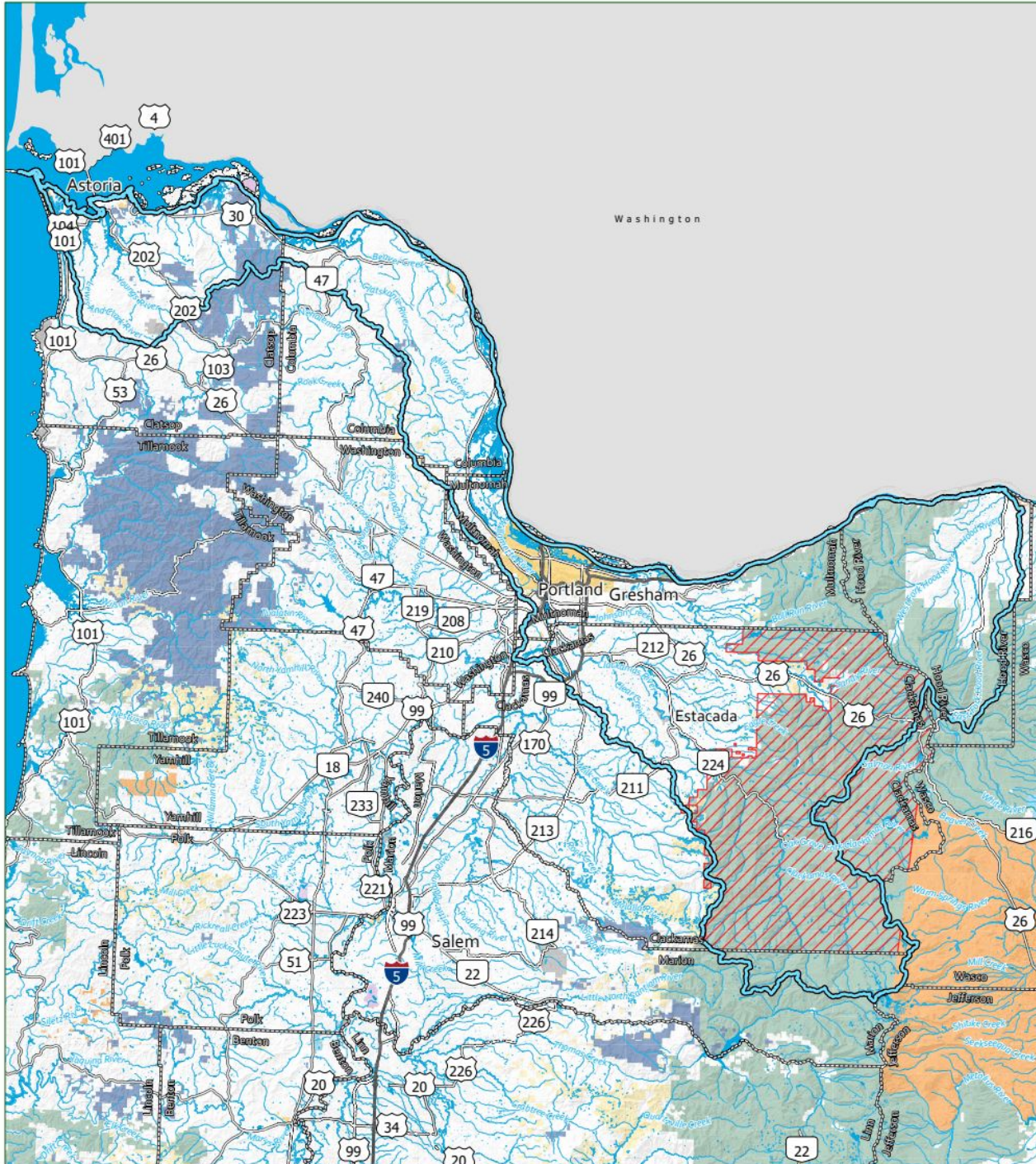
Reported Beaver Harvest and AQI Sites with Beaver Dams within Suitable Habitat Oregon Coast ESU 1997-2020







Beaver Trapping Closures Lower Columbia

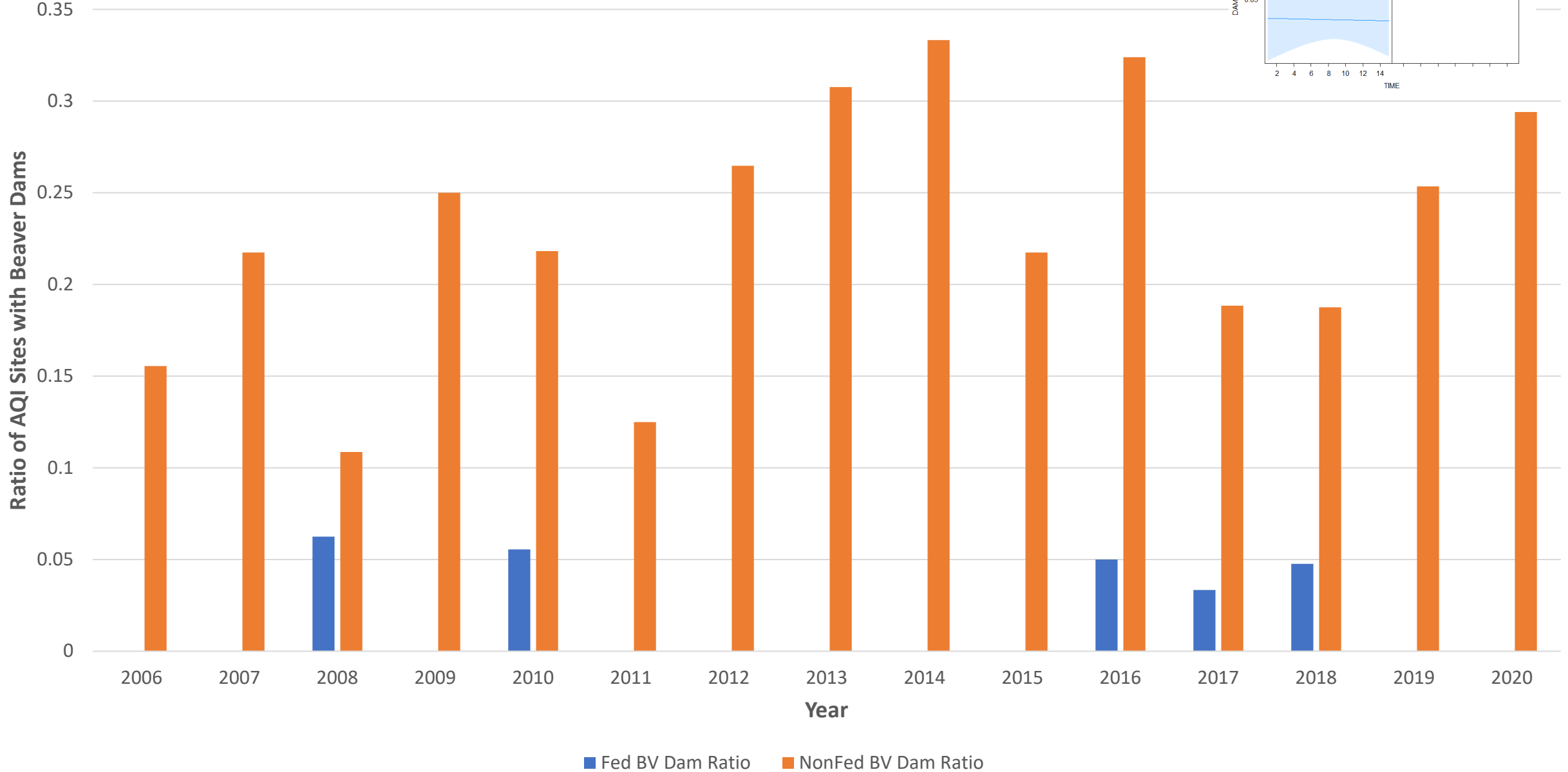


Furbearer Regulations:

Clackamas County: All areas open except the Mt. Hood National Forest.

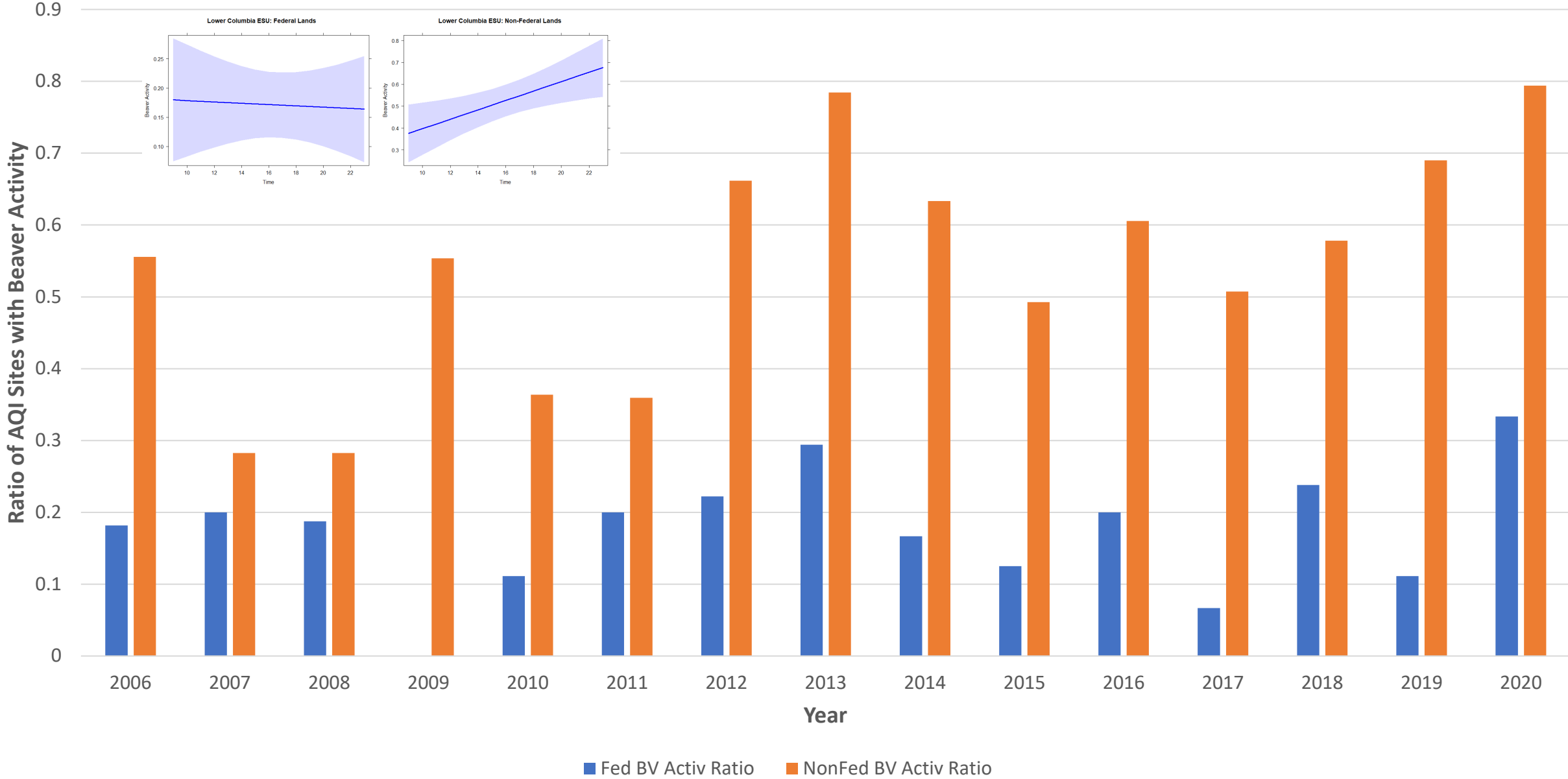
Hydrology	Roads	Ownership
Lake / Ocean	Interstate	Private
River	US/OR Route	Tribal
Trapping Closure	Lower Columbia ESU	OPRD
Federal	Counties	ODF
State	Counties	BLM
		USFS
		NPS
		USFWS

Beaver Dams within Federal and Non-Federal Ownerships Suitable Habitat, Lower Columbia ESU 2006-2020



Beaver Activity within Federal and Non-Federal Ownerships

Suitable Habitat, Lower Columbia ESU 2006-2020



Beaver Ponds, Beaver, and Forest Management

- Private Forest Accord Discussion
 - NMFS, USFWS, ODFW
 - April 22, 2021
- **Why Beaver and Beaver Ponds?**
- **Beaver Biology**
- **Forest Management Actions**

Questions?