

High Level Indicators

- Support the Council's Efforts
- High level indicators
 1. Useful to Summarize Progress of Amended Program towards objectives, improve accountability
 2. Alone may not adequately report progress towards all biological objectives
 3. Alone do not inform adaptive management

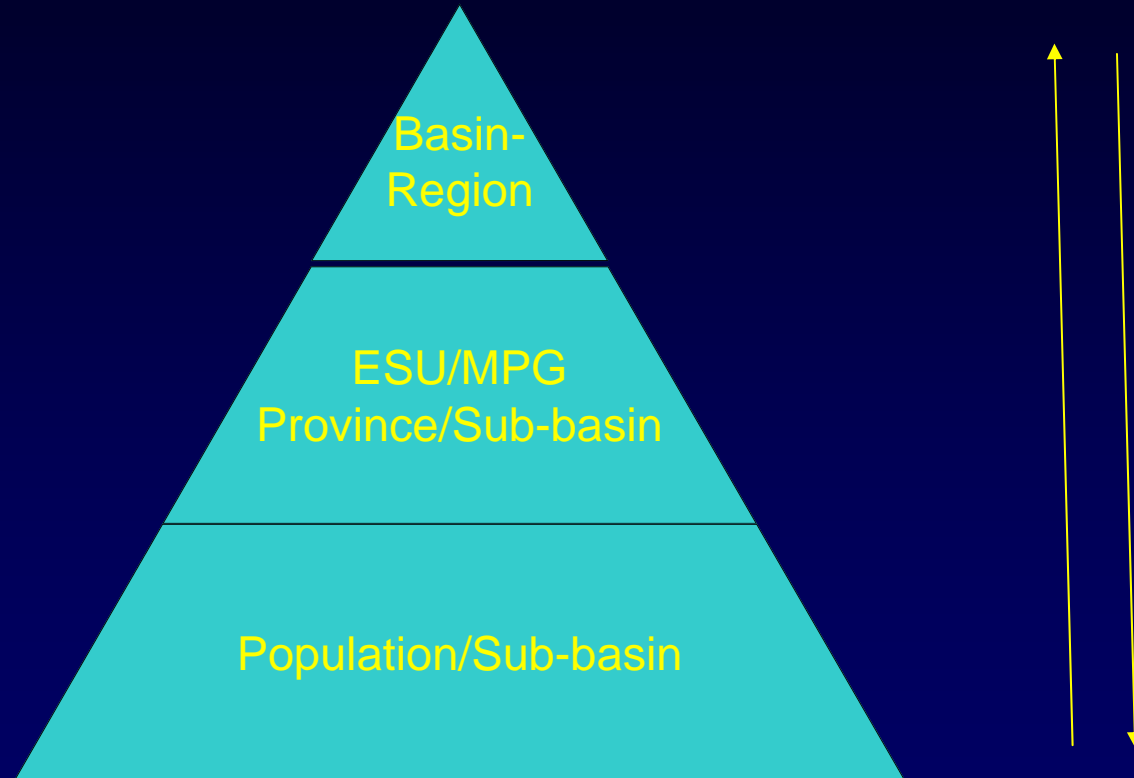


High Level Indicator Criteria

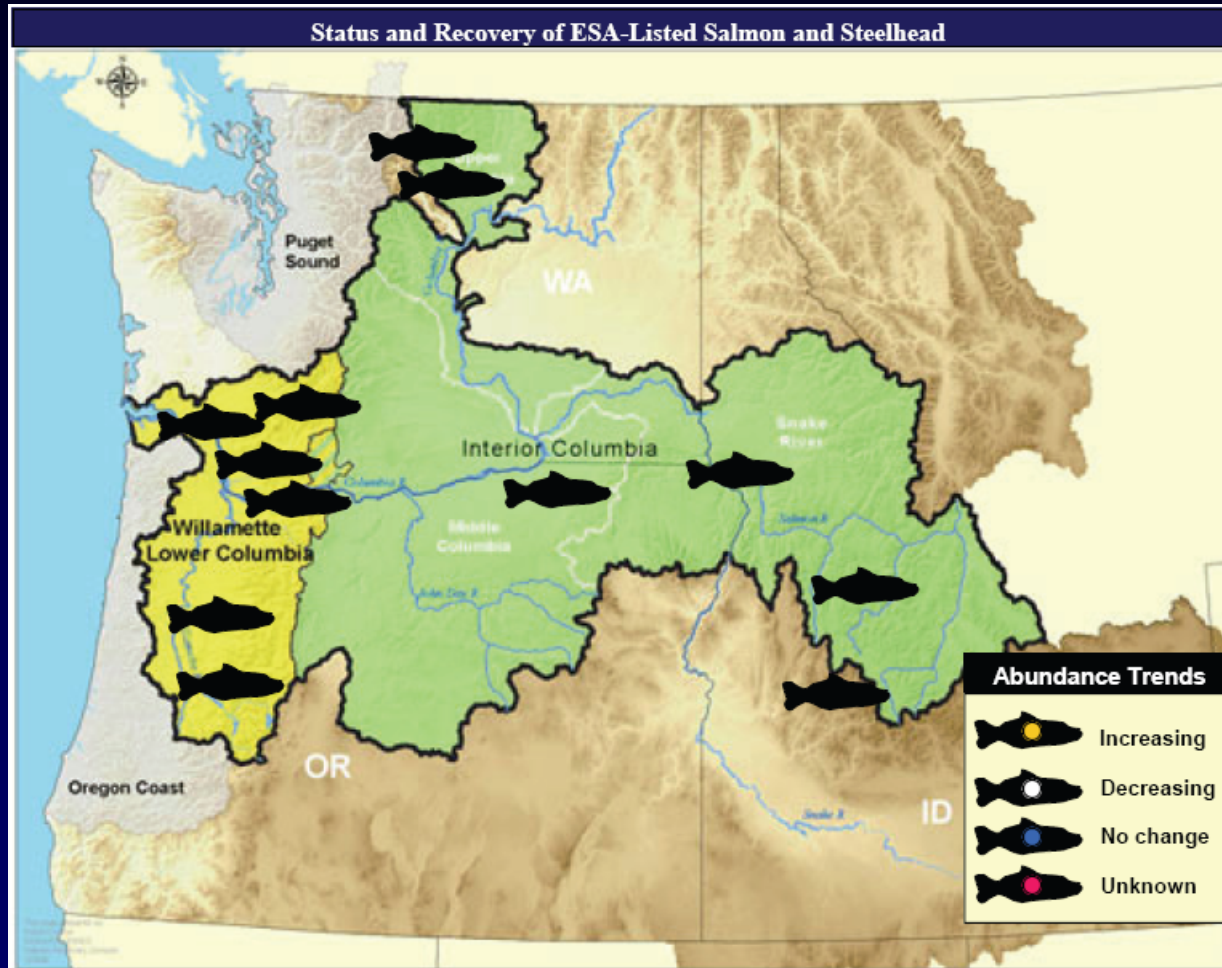
- Report program accomplishment towards the objectives of an amended program
- Supported by the data management and monitoring framework described in the fish and wildlife managers' amendment recommendations.
- Need to be supported not only by monitoring programs funded by the Program but also monitoring programs funded by the fish and wildlife managers and other resource managers.
- Be consistent with other reporting needs at various scales both within and external to the Program,
- The indicators need to be built upon monitoring and reporting needs at different population or geographic scales.
- The *Status of the Resource* report should be used to report monitoring results at the different biological and geographic scales.



Monitoring/Reporting Pyramid



Status and Recovery ESA Listed Salmon and Steelhead



Steelhead Example

Not Listed

Subbasin (MPG):

John Day



Populations:

Lower



Middle Fork



North Fork



South Fork



Upper



Province/DPS:

Columbia Plateau/Mid
Columbia



MPGs:

Yakima

Walla Walla/Umatilla

John Day

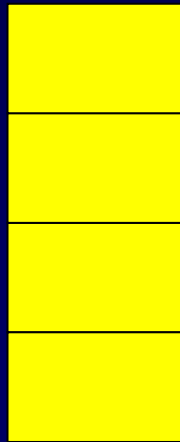
Cascades Eastern Slope

Deschutes

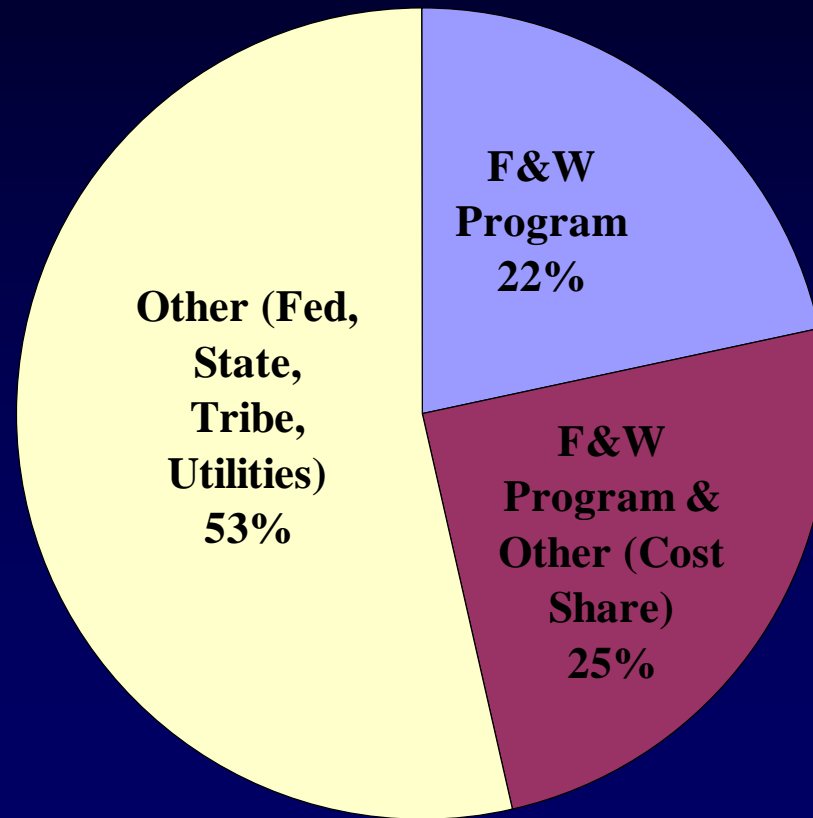
Rock Creek

Fifteenmile

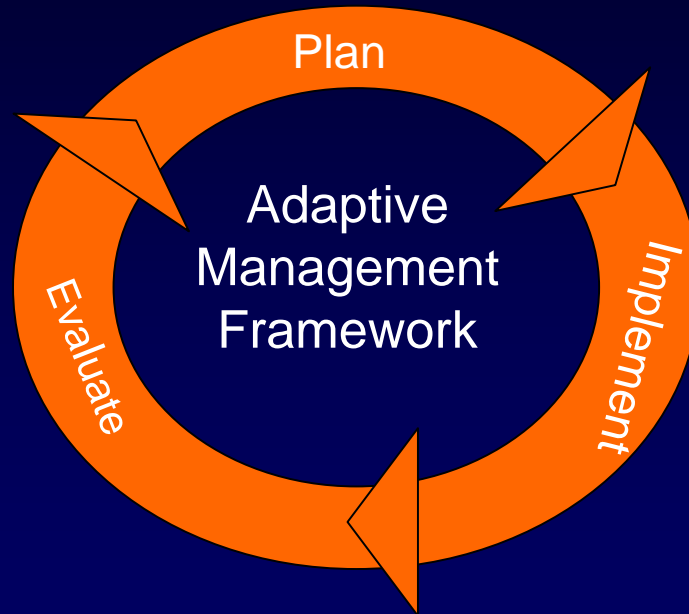
Klickitat



States and Tribes Collect Most of the Data Necessary for Regional Decision Making



Adaptive Management

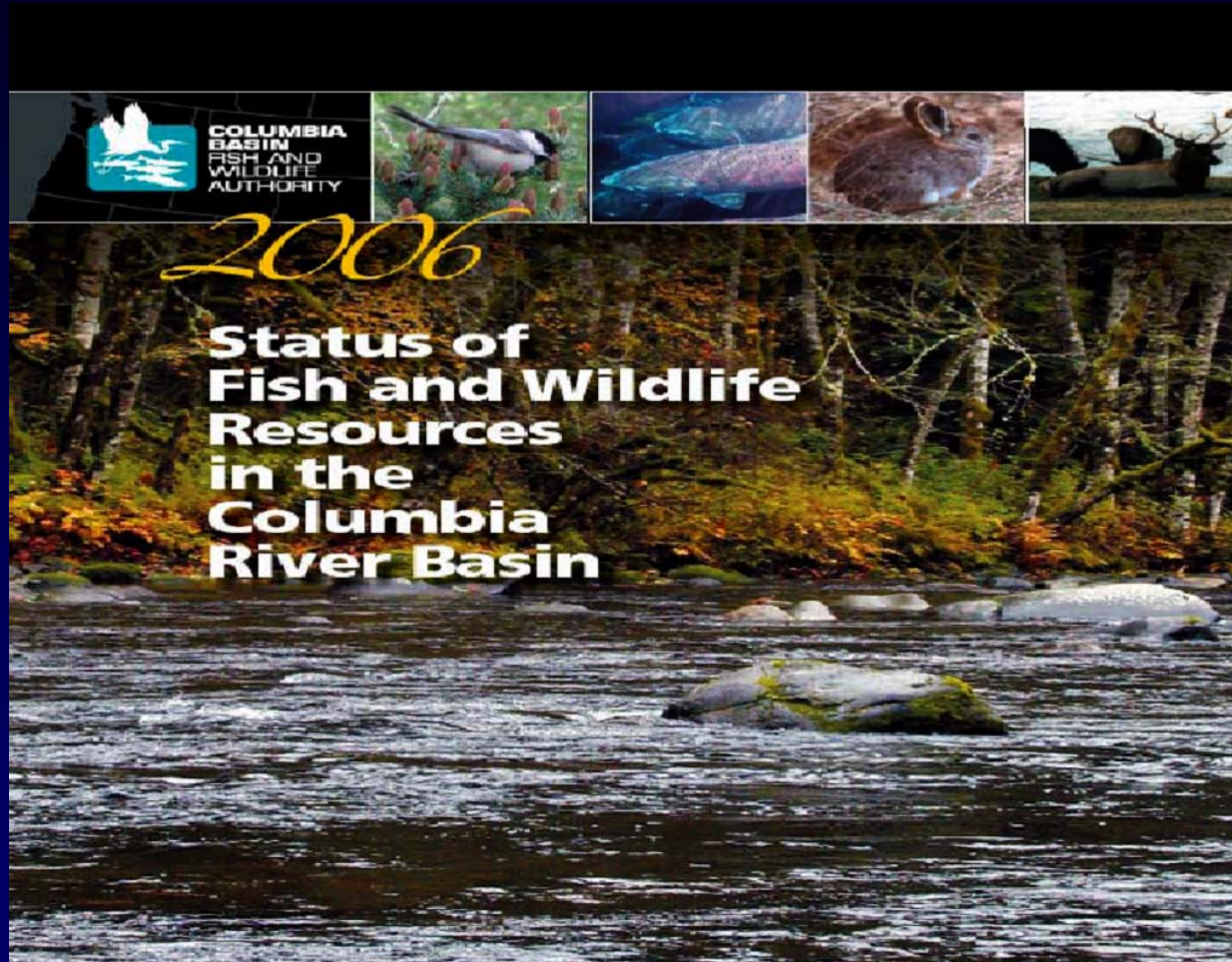


CBFWA Comments

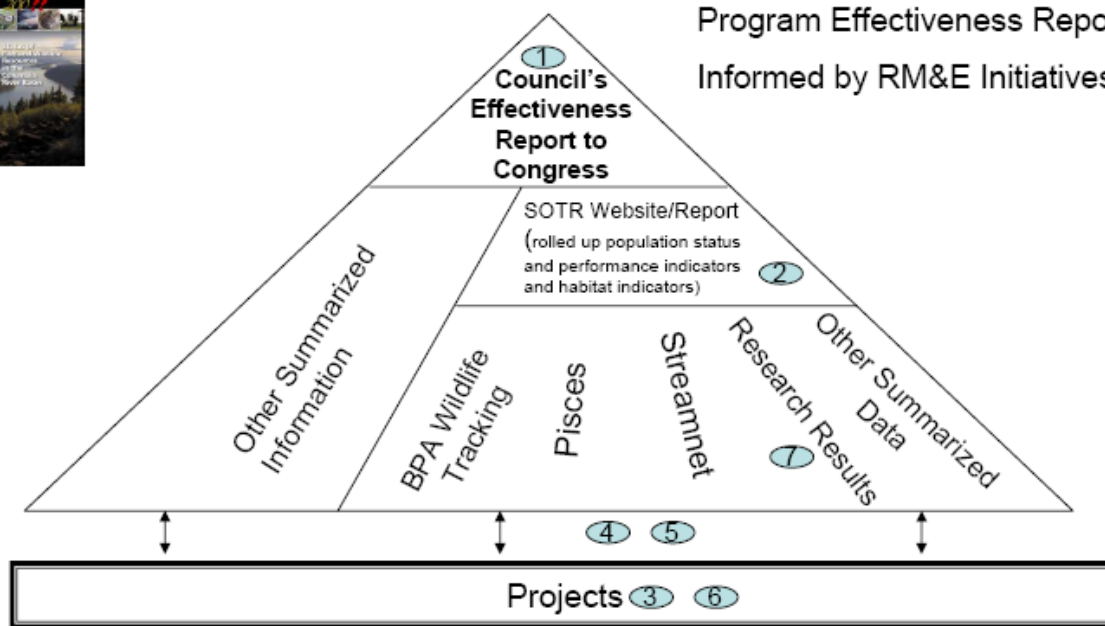
- Use similar framework presented by WA Governor's Salmon Recovery Board and Council's draft
- Are supported by CBFWA amendments
 - Illustrate reporting and monitoring links between scales
 - Will be iterative process between F&W managers, the Council and other resource managers



Reporting Foundation



Summary



1. Agree on Council high level indicators for report
2. Roll-up high level indicators to province and basin level as an executive summary of the Status of the Resources Report
3. Agree upon reporting metrics used by projects as part of a monitoring and evaluation framework
4. Adopt developed protocols for counting fish
5. Determine data management protocols to assure quality and quantity of data to inform from the bottom up
6. Include reporting obligations in Bonneville contracts
7. Design research projects that evaluate critical uncertainties

