

Take-home Messages To Date

1. The social, cultural, and economic benefits of salmon and steelhead harvest are immense.
2. Hatcheries represent a promise – they are payment on the unfulfilled debt to mitigate for limiting factors (e.g., hydrosystem, habitat destruction).
3. Not all hatchery fish are the same. Most hatchery production occurs for harvest programs. Some (much less) have recently been operated for recovery.



Take home Messages To-date

4. Hatchery operations for both harvest and recovery have evolved and continue to be refined / reformed at an accelerated rate. Information from refined and reformed hatchery programs has only recently begun to be included in the published literature.
5. Modern hatchery programs can fulfill multiple objectives of supporting fisheries and re-introduction and recovery efforts (adult disposition management).
6. Hatchery actions are just one of many tools being applied to recover and restore populations.



Take home Messages To-date

7. Hatchery actions have associated risks to natural production; realized impacts vary by species and population.
8. Almost all hatchery fish in the Columbia Basin are marked in some way. The vast majority are adipose fin clipped.
9. Rigorous and coordinated research, monitoring, and evaluation is ongoing to adaptively manage and minimize risks.
10. Collaborative effort to evaluate hatchery effectiveness at regional scale needed.

