

## 2014

Most thorough Chinook drainage-wide estimate

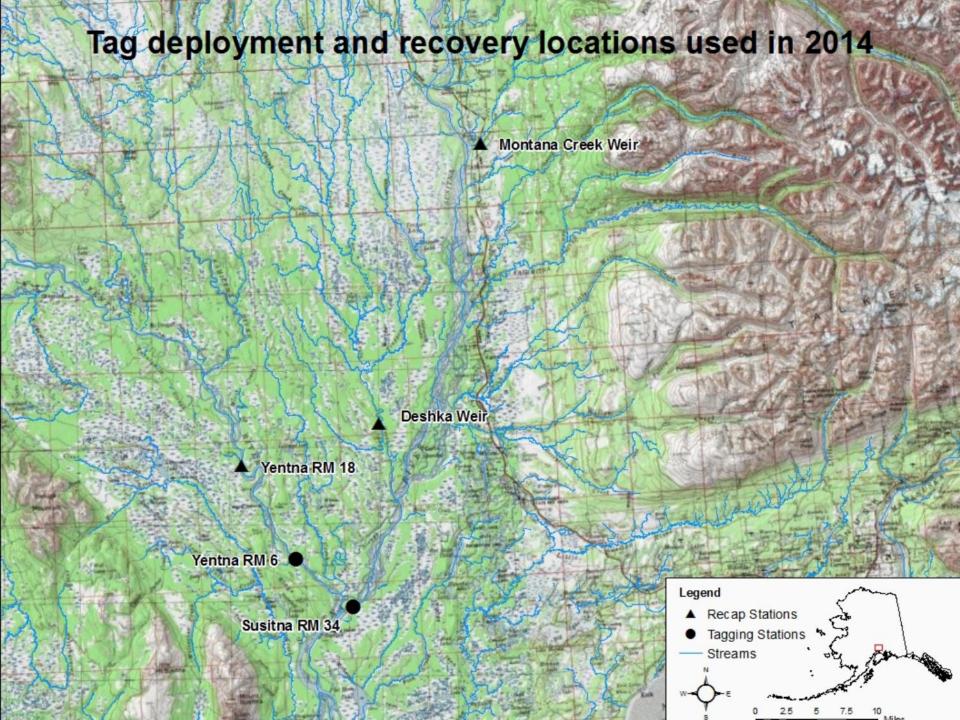
Tagging conducted in May and June - 2014

Radio tags used for marks on the Susitna

Dart tags used for marks in the Yentna River

Radio tags used for distribution and drop out rates

















## **Primary Diagnostic Tests**

Size bias sampling at tag deployment and recovery sites

Compare lengths of marked, recaptured and unmarked fish

Size bias on the Susitna - 2014 – tagged Chinook smaller

Equal proportion (marked fractions at recovery sites)

Complete mixing – (compares recovery rates of marked fish over tagging strata)

Use Peterson estimator if either test passes

If they both fail will have to stratify data for abundance estimates





## Acknowledgments

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