

What is the extent and annual variability of straying in SEAK chum salmon escapements?

1,200 chum streams

Two runs: summer and fall

Three stock groups

81 escapement index streams

NSI: 66

NSO: 6

SSE: 9

32 streams selected for study

NSI: 24

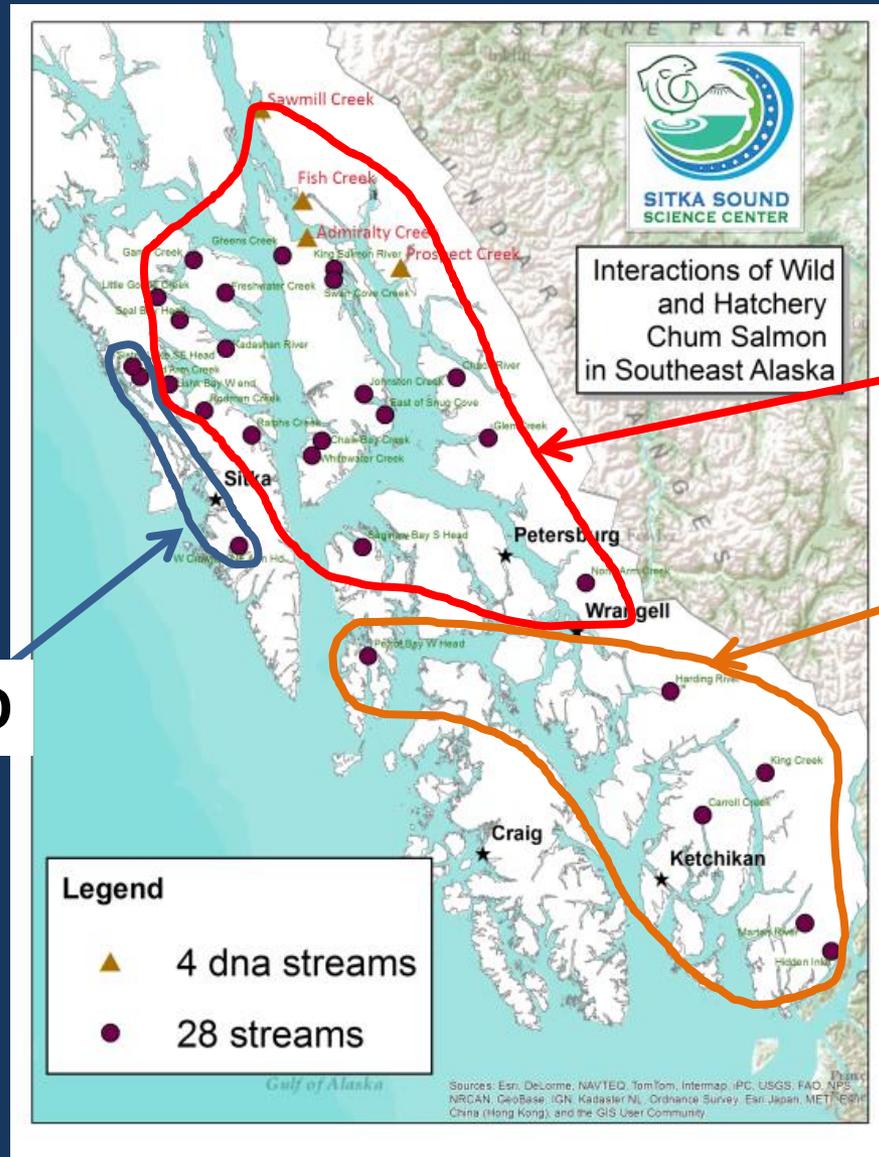
NSO: 3

SSE: 5

NSO

NSI

SSE



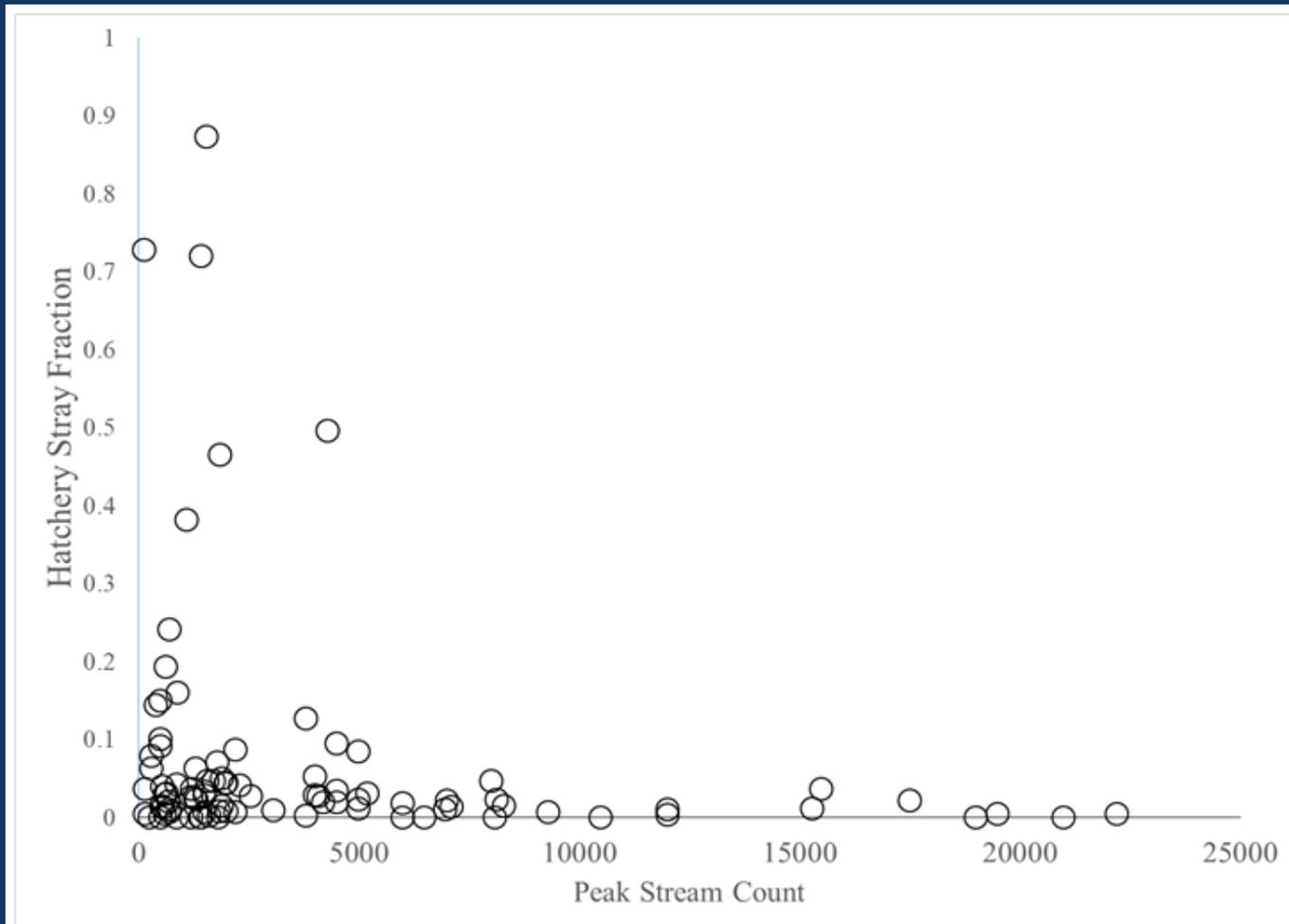
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Estimated SEAK summer chum subregion-wide hatchery fractions in escapement, 2013-2015. Overall hatchery fractions were estimated by weighting subregion estimates by the aerial survey fraction.

<u>Subregion</u>	Estimated hatchery fraction (2013)	Estimated hatchery fraction (2014)	Estimated hatchery fraction (2015)	Number of streams sampled
NSO	0.019	0.015	0.021	3
NSI	0.074	0.065	0.127	24
SSE	0.081	0.051	0.050	5
Overall	0.073	0.054	0.092	32

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Relationship of hatchery fractions to peak stream counts in SEAK summer chum escapements, 2013-2015.



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Relationship of hatchery fractions to distance from the nearest release site in SEAK summer chum escapements, 2013-2015.

