Population Productivity Benefits Summary

Estimates of future improvements to population egg-to-smolt productivity are based on estimated watershed improvements from the implementation of all tribal habitat actions in the MOA. Population improvements are standardized where 1.0 = the current production rate. For example a productivity improvement of 1.54 = 54% improvement over current conditions. Watersheds are weighted according to their relative importance.

Population	10-Year Improved Rate	25-Year Improved Rate
Middle Columbia River Steelhead		
All Yakima Steelhead (Mainstem Effects)	1.1	1.17
Deschutes River Eastside Tributaries Summer Steelhead	1.02	1.03
Deschutes River Westside Tributaries Summer Steelhead	1.31	1.62
Hood River Winter Steelhead	2.07	2.3
Klickitat River Steelhead	1.13	1.23
Lower John Day Summer Steelhead	1.6	1.91
Middle Columbia Tributaries Steelhead	2.25	2.38
Middle Fork John Day Summer Steelhead	2.04	2.37
Naches River Summer Steelhead	1.09	1.22
North Fork John Day Summer Steelhead	1.17	1.32
Rock Creek Steelhead	1.2	1.52
Satus Creek Summer Steelhead	1.07	1.14
South Fork John Day Summer Steelhead	1.47	1.52
Toppenish Creek Summer Steelhead	1.13	1.23
Umatilla River Summer Steelhead	1.37	1.74
Upper John Day Summer Steelhead	1.84	2.22
Upper Yakima River Summer Steelhead	1.1	1.22
Walla Walla River Summer Steelhead	1.43	1.9
Snake River Basin Steelhead		
Tucannon River Summer Steelhead	1.08	1.09
Upper Grande Ronde Summer Steelhead	1.28	1.59
Snake River Spring/Summer Chinook		
Tucannon River Spring Chinook	1.04	1.05
Upper Grande Ronde Spring Chinook	1.28	1.59
Upper Columbia River Spring Chinook		
Entiat River Spring Chinook	1.19	1.26
Methow River Spring Chinook	1.01	1.06
Wenatchee River Spring Chinook	1.07	1.11
Upper Columbia River Steelhead		
Entiat River Summer Steelhead	1.13	1.18
Methow River Summer Steelhead	1.02	1.08
Wenatchee River Summer Steelhead	1.06	1.12