

Tables 1-4. FDX PIT-Tag detection probabilities based on PIT tagged Pacific Salmon and steelhead in the Rocky Reach Fishway. Estimates prepared by Columbia Basin Research, R. Buchanan and J. Skalski, 2013-2016. Highlighted column P_{RR} is the overall detection efficiencies estimate by species in the fishway.

2016

Species and Run	\hat{p}_d	\hat{p}_u	\hat{P}_{RR}	$SE(\hat{P}_{RR})$
Spring Chinook	1	1	1	0
Summer Chinook	0.9893	0.9893	0.9999	0.0001
Fall Chinook	1	0.9600	1	0
Coho	0.9565	1	1	0
Summer Steelhead	0.9806	0.9934	0.9999	0.0001
Sockeye	0.9932	1	1	0

2015

Species and Run	\hat{p}_d	\hat{p}_u	\hat{P}_{RR}	$SE(\hat{P}_{RR})$
Spring Chinook	0.9828	1	1	0
Summer Chinook	0.9895	0.9958	1.0000	<0.0001
Fall Chinook	1	0.9167	1	0
Coho	1	0.9882	1	0
Summer Steelhead	0.9837	0.9940	0.9999	0.0001
Sockeye	0.9833	0.9962	0.9999	<0.0001

2014

Species and Run	\hat{p}_d	\hat{p}_u	\hat{P}_{RR}	$SE(\hat{P}_{RR})$
Spring Chinook	0.7025	0.9610	0.9884	0.0040
Summer Chinook	0.9638	0.9947	0.9998	0.0001
Fall Chinook	1	0.9310	1	0
Coho	0.9488	0.9949	0.9997	0.0002
Summer Steelhead	0.9710	0.9896	0.9997	0.0001
Sockeye	0.9865	0.9980	1.000	<0.0001

2013

Species and Run	\hat{p}_d	\hat{p}_u	\hat{P}_{RR}	$SE(\hat{P}_{RR})$
Spring Chinook	0.9688	0.7848	0.9933	0.0035
Summer Chinook	0.9883	0.8861	0.9987	0.0004
Fall Chinook	0.9818	0.8571	0.9974	0.0027
Coho ¹	1	1	1	0
Summer Steelhead	0.9964	0.9255	0.9997	0.0002
Sockeye	0.9897	0.9717	0.9997	0.0002