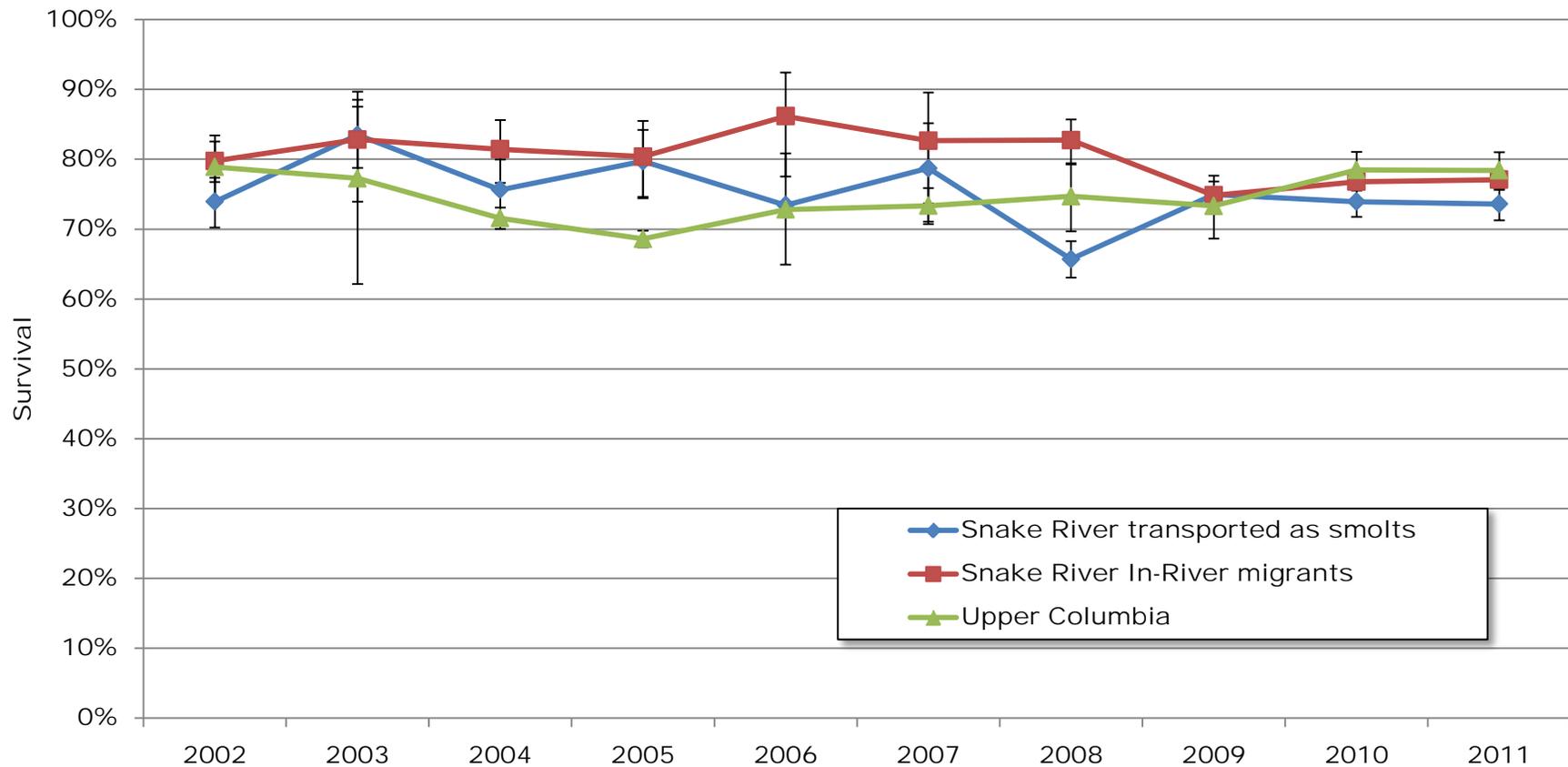# Upper Columbia River Steelhead & Snake River Steelhead adult upstream survival: Bonneville Dam to McNary Dam

Minimum estimates of upstream passage survival from Bonneville to McNary Dams of known-origin adult Upper Columbia and Snake River Steelhead, not

Survival estimates represent the proportion of PIT tags observed at the downstream dam which were later observed at the upstream dam calculated as Upstream PIT tags/Downstream PIT tags and represent a minimum estimate of survival. No corrections were made for harvest or straying, so the estimate of mortality (1-survival) includes all reasons that fish observed at lower dams are not observed at the upper dam.