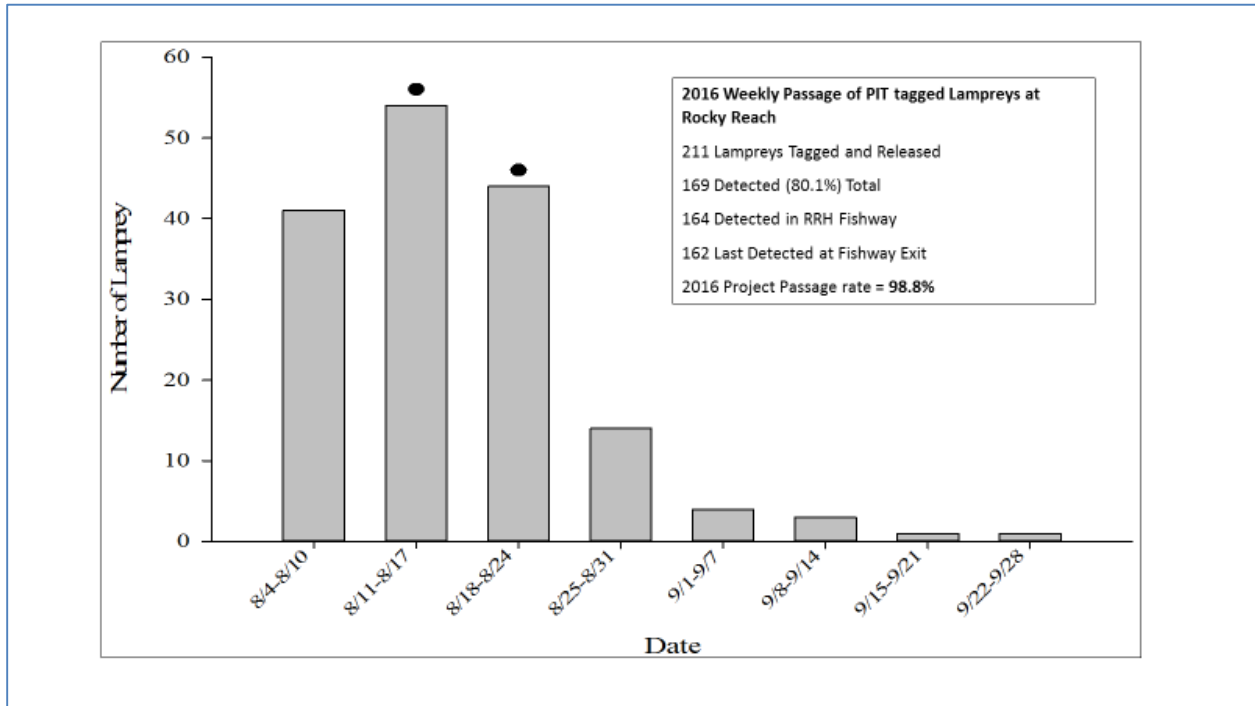
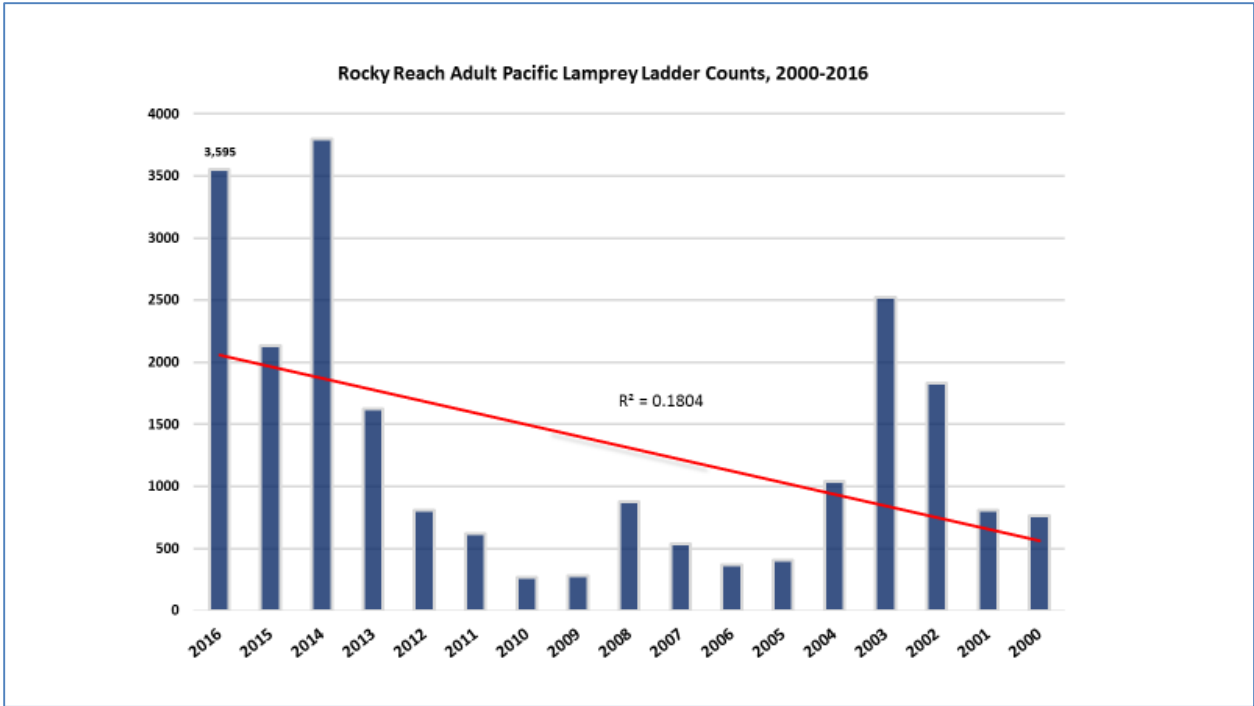


# Attachment 1

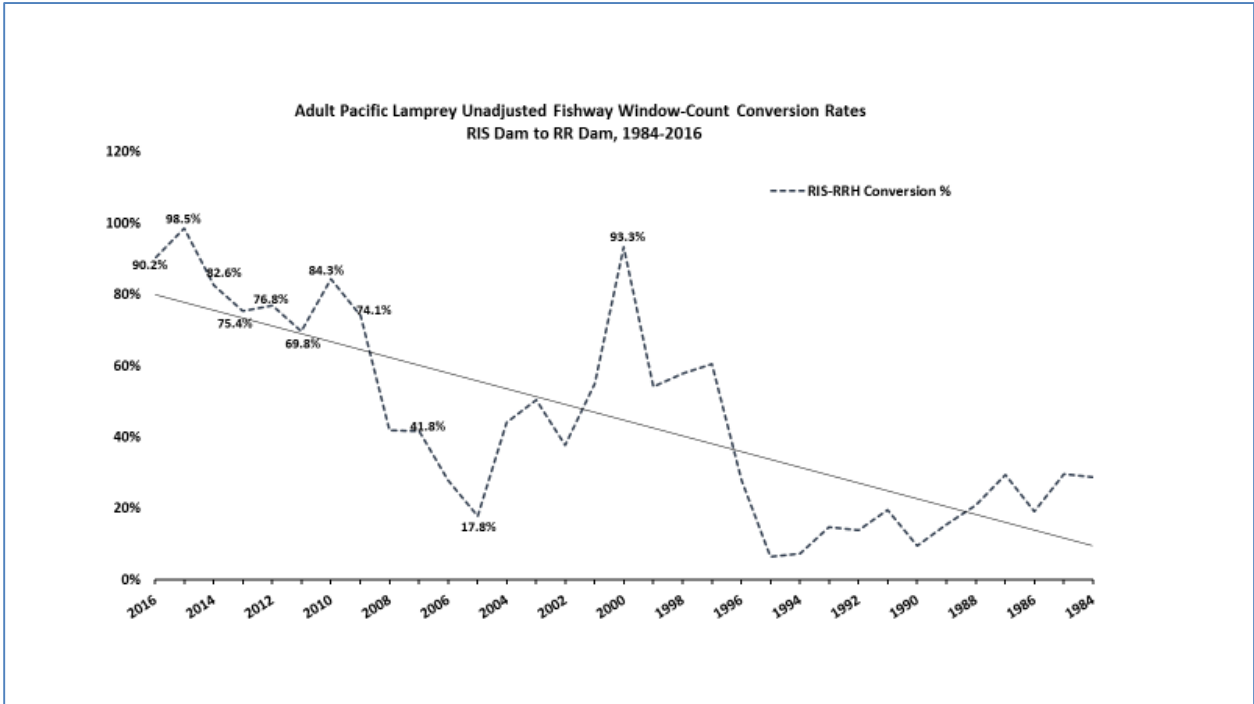
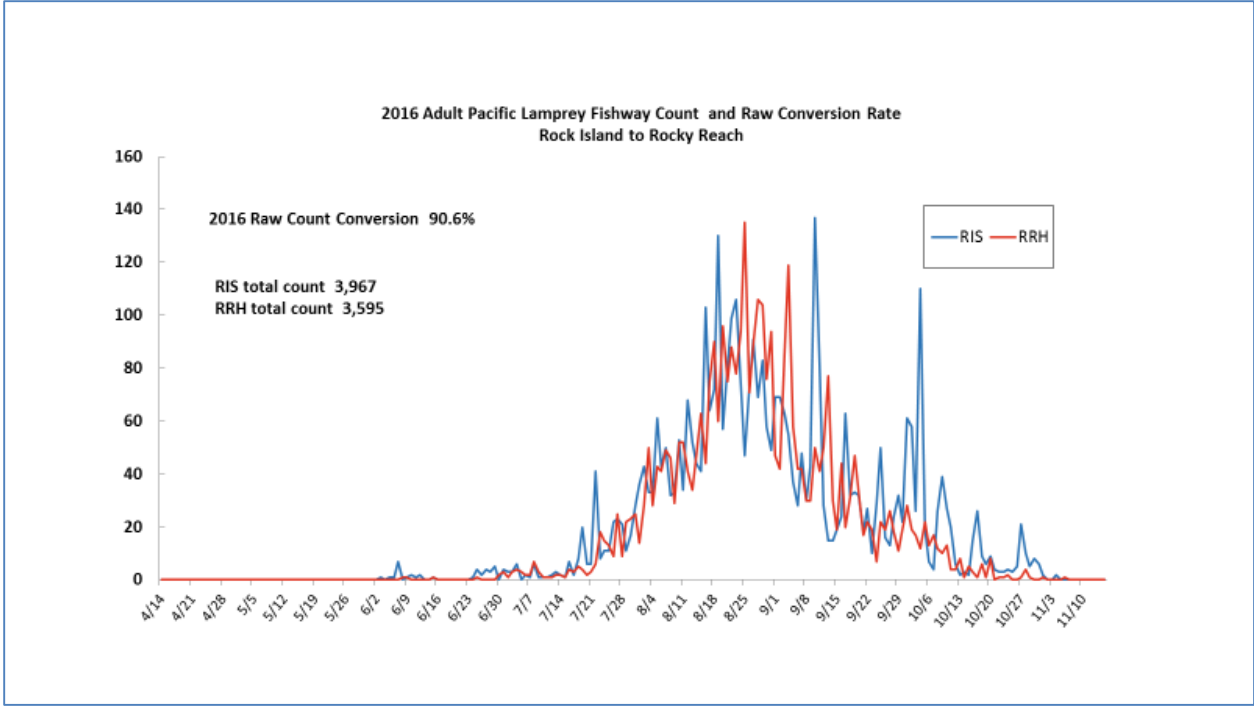
## Presentation by Steve Hemstrom on Adult Pacific Lamprey Passage Success at Rocky Reach Dam

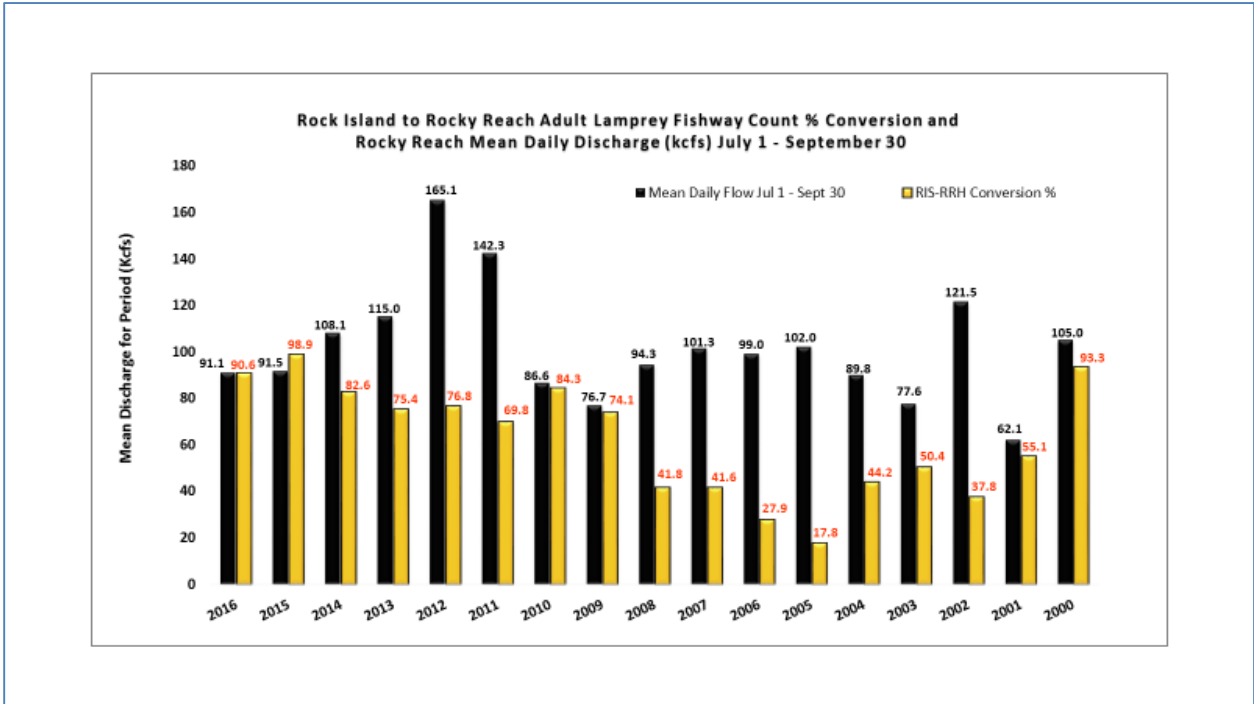
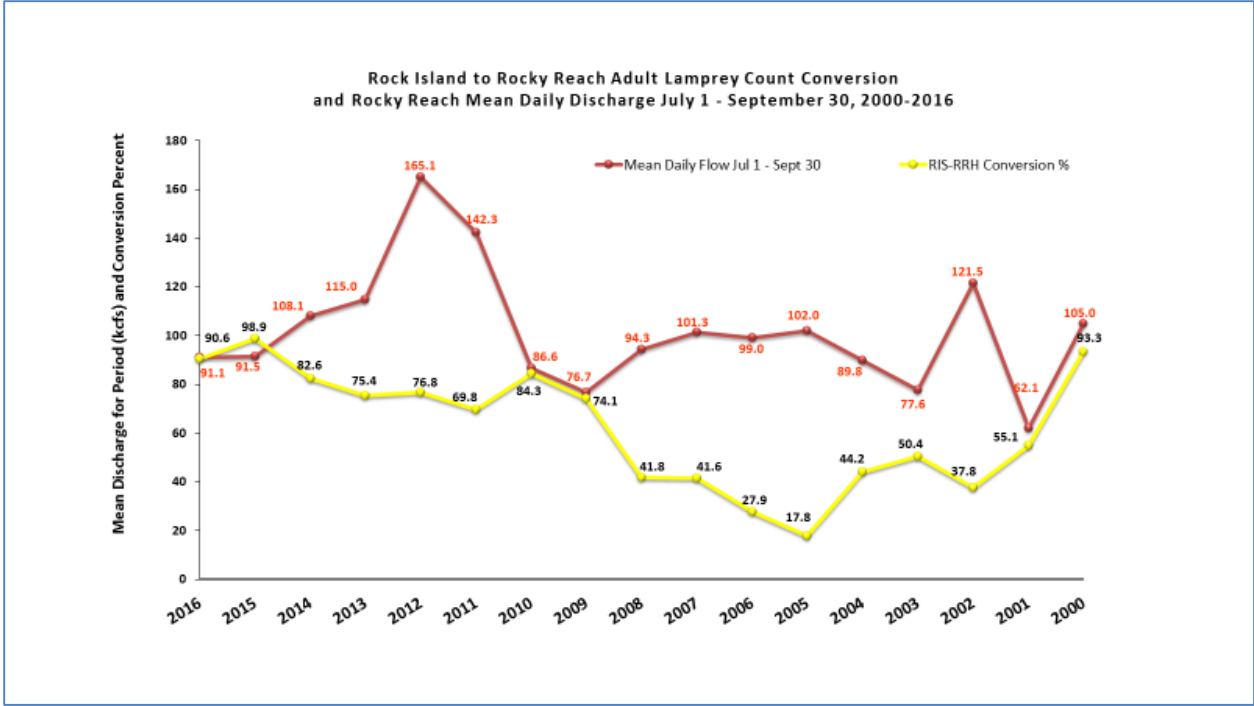


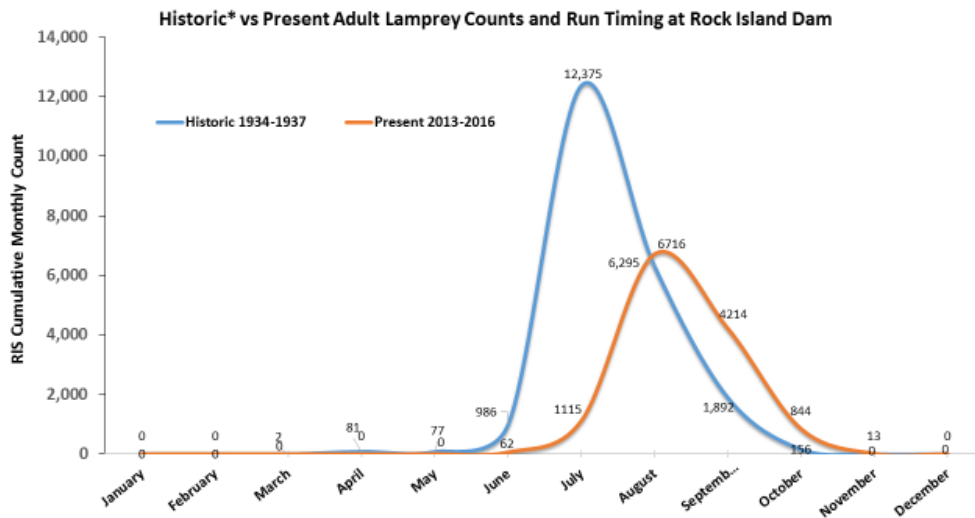
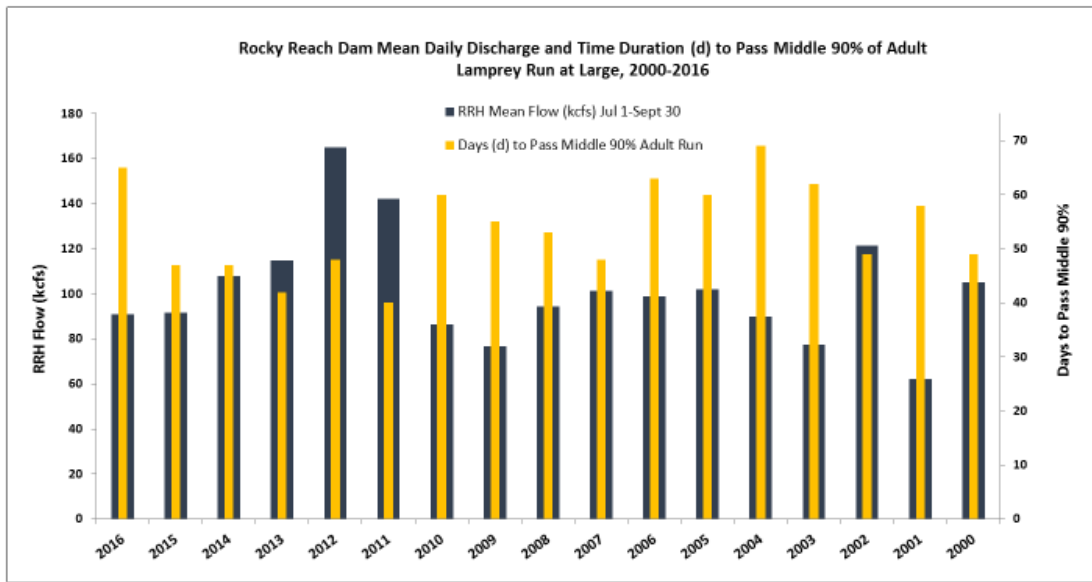


### 2016 Rock Island and Rocky Reach Monthly Fishway Count Comparison

2016	May	June	July	August	September	October	November
RIS Total Lamprey Count	0	36	278	1,912	1,162	547	4
RRH Total Lamprey Count	0	6	222	1,992	1,159	214	2







\* Brennan, B. 1938. Report of the Preliminary Investigations into the Possible Methods of Preserving the Columbia River Salmon and Steelhead at the Grand Coulee Dam. State of Washington Department of Fisheries. Grand Coulee Fish Maintenance Project, US Bureau of Reclamation. 1934-1937

## 2017 Rocky Reach Lamprey Passage Study

- Repeat of 2016 Passage Study at Rocky Reach
- Capture Fish at Priest Rapids (Thank you Grant PUD)
- PIT Tag Approx 200 Adult Lampreys, Same Release Points RIS Res
- Track Fish For a Year
- Assess Rocky Reach Passage Rate
- Assess Fishway Passage Times, Fall Back, Drop Back
- Assess Tributary Escapement
- Assess Reservoir Overwintering to Extent Possible
- Define Biological Meaning of “Passage Success or Failure”