**Metadata:**

*What samples are available in the Umpqua Basin?*

**2020**

* Umpqua Carcasses, by reach – unknown run (*n* = 8)
  + 22442.10 Seg 1 Carcasses: 2 NOR
  + 22655.00 Seg 2 Carcasses: 6 NOR
* N Umpqua (*n* = 106)
  + N Umpqua Carcasses (*n =* 50)
    - Boulder to Copeland: 7 Spring NOR
    - Full Flow: 7 Spring NOR
    - Lower Fish Creek: 11 Spring NOR
    - Slide Creek Bypass: 2 Spring NOR
    - Soda Springs to Boulder: 22 Spring NOR
    - Upstream of Soda Springs: 1 Spring NOR
  + N Umpqua (*n­ =* 56)
    - Winchester Dam or Rock Creek Hatchery:
      * Fall: 3 NOR
      * Spring: 53 NOR
* S Umpqua (*n* = 10)
  + S Umpqua Carcasses – all spring run (*n =* 10)
    - Skillet Creek: 3 NOR
    - Narrows: 1 NOR
    - Bedrock Gorge: 2 NOR
    - 2823 Bridge: 1 NOR
    - No location: 3 NOR and HOR

**2021**

* S Umpqua(*n* = 59)
  + All tissue samples collected from fish at S Umpqua Falls
    - 57 NOR, 2 HOR

*What about after filtering?*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Before filtering | After filtering | unfiltered carcasses |
| Umpqua | 8 | 8 | 8 |
| North Umpqua | 106 | 60 | 50 |
| South Umpqua | 69 | 66 | 10 |

*What information is available for Umpqua Basin Fish?*

Sampling dates and location available for almost all fish (3 SUMP carcasses have no data), but most sampling sites are far up the river, so any migration timing phenotype will be hard to compare across sampling locations and sample dates may be poorly correlated with freshwater entry timing. Live fish are sampled in North Umpqua at Rock Creek Hatchery or Winchester Dam. In South Umpqua all live fish are sampled at the S Umpqua Falls Trap. Carcass samples are located by stream survey reach.

Origin (HOR/NOR), sex and presumed run is recorded for all fish.