



## SMP Daily Mortality Metadata

### Daily Mortality Data Notes

- The FPC SMP Juvenile Mortality query data contains the total number of juvenile mortalities for the selected project, date and species. It also includes the number of facility mortalities, the number of sample mortalities, the number of PITtag mortalities, the number of research mortalities the sample percent mortality and comments.
- This query and graph include data from 1997 through the current year for all listed salmonid species.
- There are data on the number of lamprey mortalities at the projects. These data are available from 2011 through the current year.
- Click [here](#) to download a copy of the FPC Smolt Monitoring Program metadata.
- Click [here](#) to download a copy of the FPC SMP Fish Condition metadata.

### Mortality Data Table Fieldnames and Descriptions

Column Name	Description
Site	Bonneville Dam (BO2), John Day Dam (JDA), The Dalles Dam (TDA), McNary Dam (MCN), Ice Harbor Dam (IHR), Rock Island Dam (RIS), Lower Monumental Dam (LMN), Little Goose Dam (LGS), Lower Granite Dam (LGR), Whitebird Trap (WTB), Grande Ronde Trap (GRN), Imnaha Trap (IMN), and Lewiston Trap (LEW).
Date	Date of SMP sample batch.
Species	Species of fish includes: CH0 - Chinook sub-yearling; CH1 - Chinook yearling; ST - Steelhead; CO - Coho; SO – Sockeye, AB - Brook Lamprey Ammocoete, AP - Pacific Lamprey Ammocoete, AS - Unknown Lamprey Ammocoete, MP - Pacific Lamprey Macrophthalmia, LAMP - All Lamprey Juveniles.
SampleCode	Sampling code includes: <ul style="list-style-type: none"><li>• 1 - Normal complete sample.</li><li>• 2 - Two or more samples taken during a day with separator clean out.</li><li>• 3 - No sample or biased sample due to abnormal flows or in operation of sample unit.</li><li>• 4 - No sample or biased sample due to weather conditions.</li><li>• 5 - No sample or biased sample due to equipment failure, maintenance or repair.</li><li>• 7 - Incomplete sample, no code provided, cause explained in comments.</li><li>• 8 - No fish counts were entered for this sample period; fish accumulated and were sampled at a later date.</li></ul>

	<ul style="list-style-type: none"> <li>• 9 - Incomplete or biased sample, counts are modified to estimate a normal sample.</li> <li>• 10 - Two or more samples taken during a day with multiple sample rates.</li> <li>• &gt;= 12 - Sample of fish accumulated 2 or more days. The sample code minus 10 is the number of days that fish accumulated before being sampled.</li> </ul>
SampleCount	Actual number of fish sampled.
CollectionCount	Collection is an estimate of the number of fish entering the juvenile bypass system. Collection is estimated as the sample count divided by the sample rate, not adjusted for flow.
Total_Mortalities	Total number of mortalities.
Facility_Mortalities	Non-sample mortalities observed at the project which occurred in the system and in transportation raceways.
Sample_Mortalities	Those mortalities that are found in the sample tank which have occurred since the last time the sample tank was examined, or mortalities directly caused by SMP staff.
Tag_Mortalities	SMP PIT tag mortalities are those caused by SMP staff during SMP PIT tagging procedures.
Research_Mortalities	Those mortalities specifically caused by other non-SMP research conducted at the sampling facilities.
Percent_Sample_Mortality	Percent sample mortality.
Comments	Comments.