





Calculated At Each Project

Mortality

Mortality

Transportation

(collector dams only)

Surviving fish recombined, pass on to next dam

Group of fish

Pool survival

Dam passage distribution

Spill
Spill effectiveness

Bypass
FGE

Turbine

Spill Survival

Bypass Survival

Turbine Survival

Transportation

Surviving fish recombined, pass on to next dam

Input Data
Daily Water Temp
Daily Spill
Daily Flow

Groups of Fish enter system based on fish passage curves related to flow

Fish Travel time (determines how fast fish move through system)

LGR

LGS

LMN

IHR

MCN

JDA

TDA

BON

Output

COMPASS Outputs

- Passage Survival: In-river, Whole system, by dam, pool and project
- Fish Travel time
- Post Bonneville Effects of FCRPS Passage (SAR)
- Proportion Transported
- Percentage passing by each dam passage route