

Passability

- Category: Network
- A numerical score ranging from 0 to 1 where 0 is a full barrier and 1 is fully passable. This score was assigned based on the following steps:
 1. First, barriers were classified as “barriers”, “potential barriers”, or “non-barriers” using the North Atlantic Aquatic Connectivity Collaborative (NAACC) [categorical classification](#). “Barriers” were assigned a passability score of 0 and “non-barriers” were assigned a passability score of 1
 2. Passability scores for potential barriers were further refined by evaluating the Froude number at these barriers to assess the potential for velocity barriers. Higher Froude numbers indicate higher velocity. Barriers with outlying Froude numbers (>3) were re-assigned a value of 3 and then the Froude numbers were rescaled to a 0-1 scale and inverted (so that higher values are more passable). A Froude value of 1 (supercritical) corresponds to a passability score of 0.66 in this dataset.
- This metric is used in the generation of other metrics. It is not available for prioritizations.
- Unit: Index
- GIS Field Name: Passability