

# Mean Annual Discharge and Atlantic Salmon

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Function Updated by jrosenfeld on Tue, 02/24/2026 - 21:22.

## Species Information

**Common Name:** Atlantic Salmon  
**Genus:** Salmo salar

## Stressor Details

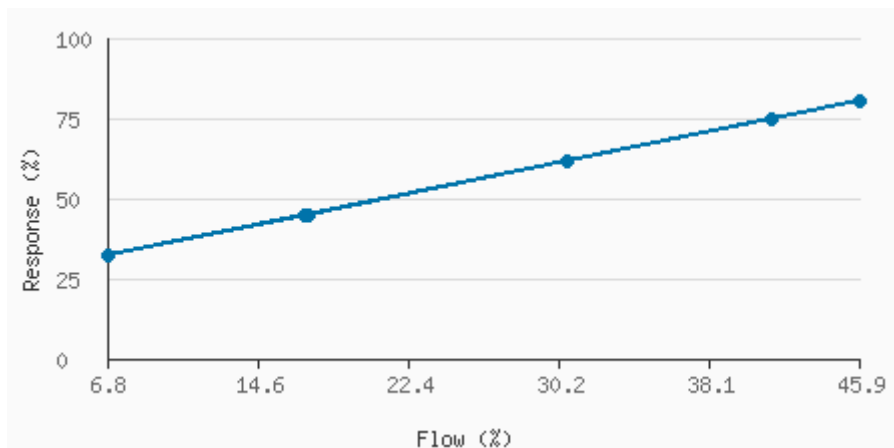
**Stressor Name:** Flow  
**Units:** %  
**Metric:** Mean Annual Discharge (MAD)  
**Scale:** linear  
**Function Type:** continuous  
**Vital Rate/Process:** Mean density per m2

## Life Stage & Context

**Life Stages:** Juvenile  
**Geography:** River Kiiminkijoki, Finland  
**Season:** Oct-March

## Descriptions

## Stressor Response Data



?PERCENT_MAD	Mean System Capacity (%)	SD	low.limit	up.limit
45.9	80.107	0	0	100
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17.04772727	44.6187045	0	0	100
17.04772727	44.6187045	0	0	100
6.761363636	31.9664773	0	0	100
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17.27272727	44.8954545	0	0	100
17.27272727	44.8954545	0	0	100
30.68636364	61.3942273	0	0	100
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41.33863636	74.4965227	0	0	100

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## Citations

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Koljonen, S., Huusko, A., Maki-Petays, A., Louhi, P., and Muotka, T. 2013. Assessing habitat suitability for juvenile Atlantic salmon in relation to in-stream restoration and discharge variability. *Restoration Ecology* 21:344-352