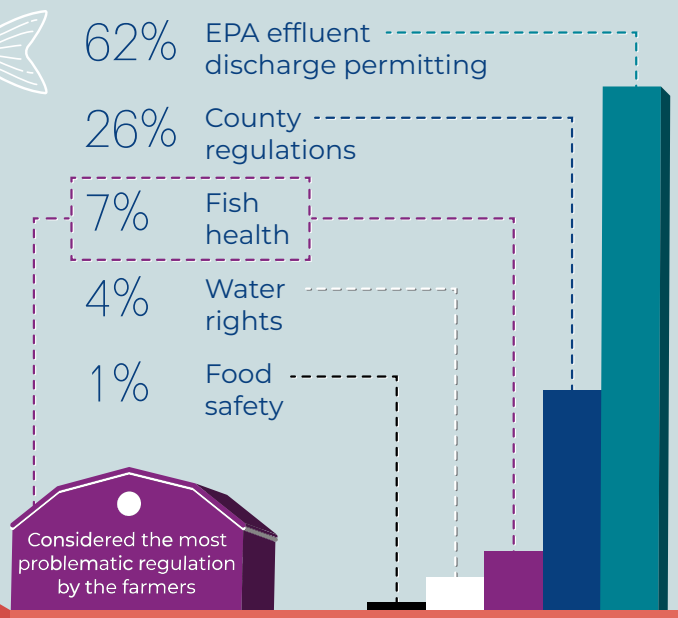
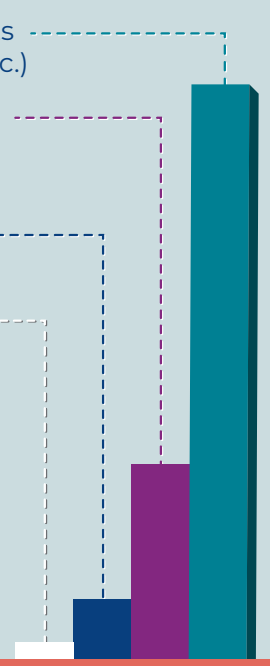
The Effects of Regulations on the U.S. Salmonid Industry

National Findings

Focused on the 17 top-producing states

Colorado · California · Idaho · Maine · Michigan
Missouri · Nebraska · New York · North Carolina
Ohio · Oregon · Pennsylvania · Utah · Virginia
Washington · West Virginia · Wisconsin





Regulations substantially increased on-farm costs and constrained the industry's ability to meet market demand.

REGULATORY COSTS PER YEAR:

National (total) **$ 16.1 Million**

On-farm (average) **$ 150,506**

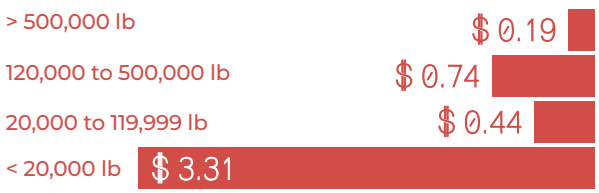
LOST REVENUE PER YEAR:

Thwarted expansion attempts **$ 40.1 Million**

Lost market sales **$ 7.1 Million**

Reduced production **$ 5.3 Million**

AVERAGE REGULATORY COSTS ($/lb) BY FARM SIZE



12 % Regulatory costs of total farm costs

$140,218,834 2018 trout import trade deficit

$1.23 Average regulatory costs per pound of production

28 % Lost revenue due to regulatory costs

Reforms to reduce regulatory costs:

- Reduce regulatory redundancy
- Reduce frequency of effluent testing*
- Reduce frequency of fish health testing*
- Adopt fish health testing standards
- Adopt clear appeal procedures for farmers
- Adopt risk-based approaches to environmental management

*For farms with history of good performance

For more information check the scientific article by Engle et al. (2019) J. World Aquacult. Soc.

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WRAC Western Regional Aquaculture Center

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