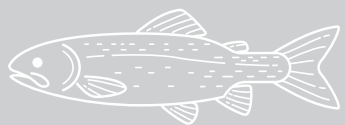


The Effects of Regulations on the U.S. Salmonid Industry



Colorado Findings

Statewide results

- 58% Water access
- 23% County regulations
- 14% Fish health
- 5% EPA effluent discharge permitting

- 71% Direct costs (testing, etc.)
- 16% Manpower
- 11% Farm-level changes
- 2% Permits / licenses



Considered the most problematic regulation by the farmers

REGULATORY COSTS PER YEAR:

Statewide (total)

\$ 414,003

On-farm (average)

\$ 55,200

LOST REVENUE PER YEAR:

Thwarted expansion attempts

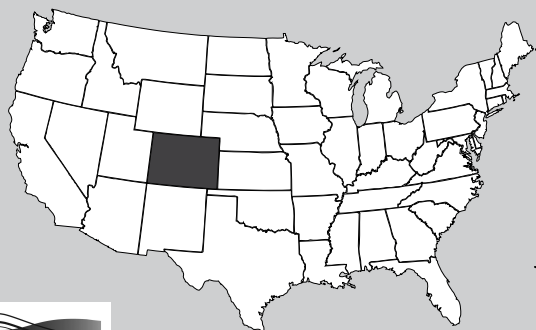


Lost market sales

\$ 780,000

Reduced production

\$ 86,000



Higher than National average of 12%

15%

Regulatory costs of total farm costs

\$ 55,200

Average regulatory costs per farm

Lower than National average of \$150k

Higher than National average of \$1.23

\$1.28

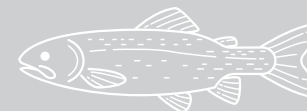
Average regulatory costs per pound of production

Higher than National average of 28%

29%

Lost revenue due to regulatory costs

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



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

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