Fisheries New Zealand

Tini a Tangaroa

Aquaculture environmental performance annual report 2023

Disclaimer: The data in this report was collected and collated by Aquaculture New Zealand and provided to the Ministry for Primary Industries (MPI) as an industry average. MPI does not have access to the individual companies' source data that was used for the preparation of this report. That information is confidential.

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Te Kāwanatanga o Aotearoa
New Zealand Government

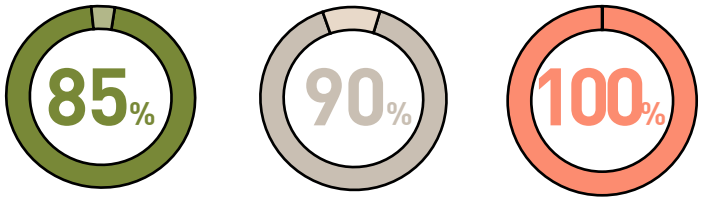
Industry Profile

The data in this report was collected from the members of Aquaculture New Zealand's A+ programme for the calendar year 2022.

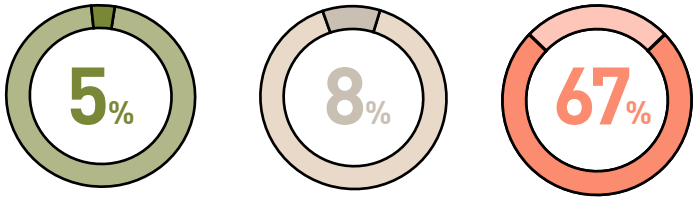
2022 Industry production GWT[1]

Mussels	Oysters	Salmon
86,765	1,980	14,857

Percentage of industry that participates in A+



Percentage of industry that participates in additional independently verified certification programmes.



*100% of NZ Chinook Salmon, Green Mussels and Pacific Oysters is "Green best choice" recommended by the Monterey Bay Aquarium Seafood Watch.

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Sector value

$685 m 2022 sector revenue

$462 m 2022 export revenue

Value of mussels, oysters and salmon for year 2022 estimated by Aquaculture New Zealand.

Regional jobs & income

3,000+ people employed in aquaculture

Estimated by Aquaculture New Zealand.

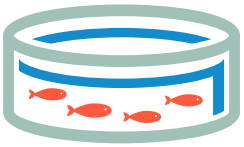
This report displays infographics on how we can understand the aquaculture industry's environmental performance for the 2022 calendar year. For full details on how this is measured, see the report on the method and approach for measuring the environmental effects of aquaculture. The method and approach used is based in part on the aquaculture industry's A+ Sustainable Management Framework.
A+ is an independently verified Sustainable Management Framework, managed by Aquaculture New Zealand, and developed with Government support.
The 2022 report can be found here: Aquaculture environmental performance annual report 2022

1 The term "green weight tonne" refers to the live weight of harvested Product.

Industry participation in projects that protect and restore the environment

22

Number of companies participating in projects with a focus on wildlife/habitat restoration.



Number of farms covered by a Biosecurity Management Plan that meets the requirements of the A+ Biosecurity Standards

499

Farm compliance with environmental law:

99%

Marine farming in New Zealand is highly regulated through consent and compliance. On occasions breaches can occur and non-compliance notices are issued. The number of notices issued as a percentage of farms registered in A+ was below 1%.

Impacts on Marine Mammals and Seabirds

The number of accidental mortalities from wildlife interaction with aquaculture operations.

Marine Mammals **3** **Seabirds** **26**

Sustainability of Aquaculture Feed Resources

100%

The percentage of New Zealand finfish farmers that source safe and sustainable feeds through 3rd party independently verified suppliers.

Emissions & waste

Life cycle assessment – CO_2 equivalent per 100 grams of protein
produced by New Zealand aquaculture products:

Oysters produce 3.7 kg CO_2e/100g protein*

Mussels produce 1.8 kg CO_2e/100g protein*

Salmon produce 3.8 kg CO2e/100g protein**

*Source: Life cycle assessment of New Zealand mussels and oysters. **Source: LCA of New Zealand farmed King Salmon.