

\$camon \$cotland, 26 September 2022

Dead in the Water – Scottish Salmon Plagued by Mass Mortality Problems!



- New report details death rates on RSPCA Assured salmon farms leaping to over 50%
- Bakkafrost Scotland hailed as the 'King of Death' with 80%+ mortality
- Supermarkets caught selling "responsibly sourced" Scottish salmon from deadly cages
- Scottish salmon marketed as "farmed responsibly" via the Aquaculture Stewardship Council is sourced from sites with mass mortalities, infectious diseases & welfare abuse

A new report – '[Year of the Dead Salmon](#)' – lifts the lid on the shocking death rates on 'responsible' salmon farms across the Highlands and Islands of Scotland. The damning dossier – sourced from mortality data published by Salmon Scotland, the Scottish Government and the Scottish Environment Protection Agency – details:

- Bakkafrost Scotland (formerly The Scottish Salmon Company) has an average cumulative mortality rate of 39.8% out of 15 salmon farms harvested out over the last year
- The highest average cumulative mortality of salmon farms harvested out across Scotland is 29.5% in December 2021 closely followed by 28.9% in July 2022 and 26.3% in June 2022
- 82.1% mortality at Bakkafrost Scotland's salmon farm in Druimyeon Bay & 80.2% mortality at East Tarbert Bay on the Isle of Gigha were the highest reported cumulative death rates
- 59.5% mortality at RSPCA Assured Mowi in Loch Greshornish; 55.9% at Mowi's ASC-certified salmon farm at Greanem (Grey Horse Channel Outer) and 50% at Mowi's ASC-certified Camas Glas salmon farm in Loch Sunart
- 50.3% mortality at RSPCA Assured Loch Duart in the Sound of Harris
- Scottish salmon's 50%+ mortality club since 2018 also includes 78.3% at Leinish in Loch Dunvegan (Grieg Seafood) and 65.7% at Ardessie in Little Loch Broom (Wester Ross Fisheries)
- Bakkafrost Scotland has reported 31 sites with cumulative mortality of 30%+ since 2018!
- Bakkafrost's 'Sustainability Report 2021' admits only 78.29% survival at their operations in Scotland (i.e. 21.71% mortality)
- Mowi reported 36 RSPCA Assured salmon farms with 25%+ mortality rates since 2018 (10 are certified as "farmed responsibly" via the ASC with a further 4 undergoing an ASC audit)
- Scottish Sea Farms (Norskott Havbruk) reported 24 RSPCA Assured salmon farms with 20%+ mortality since 2018 headed by Kishorn at 41.3%, 41.2% at Lismore North, 41.1% at Loura Voe & 40.9% at Nevis C (5 of the farms – including 3 in Loch Nevis – are undergoing an ASC audit)

"Disease-ridden Scottish salmon is dead in the water along with millions and millions of lousy farmed fish," said Don Staniford, Director of \$camon \$cotland. "Mortality rates at salmon farms across Scotland are leaping to Biblical plague proportions. In what world is a farming system which kills millions of sentient animals – Atlantic salmon is known in Scotland as the 'King of Fish' – a responsible, ethical or sustainable form of food production? Supermarkets and

certification bodies such as RSPCA Assured, the ASC and Soil Association should be ashamed for marketing Scottish salmon as ‘responsibly sourced’. Greenwashed Scottish salmon belongs in the bin not your shopping basket. Please stop unnecessary suffering and welfare abuse by boycotting Scottish salmon even if it is advertised as ‘welfare friendly’ or ‘organic’.”



[‘Year of the Dead Salmon’](#) also details:

- The industry average for cumulative mortality over the last twelve months (August 2021 to July 2022) is 19.9% with 22% cumulative mortality for the first six months of 2022
- After Bakkafrost Scotland (39.8%), Wester Ross Fisheries are next in line with 34.4% cumulative mortality over the last twelve months (August 2021 to July 2022) followed by Loch Duart (22%); Mowi (18.9%); Scottish Sea Farms (18.3%), Grieg Seafood (10.7%) and Cooke (9.9%)
- Last year (2021) was the highest ever for mortalities with nearly 30,000 tonnes of dead farmed fish reported across Scotland – treble the figure a decade ago
- The highest monthly mortalities were recorded at Bakkafrost Scotland’s Druimyeon Bay salmon farm off the Isle of Gigha with a staggering 1,110 tonnes of dead fish in October 2021 (almost double the second highest which was Bakkafrost Scotland’s Sgian Dubh salmon farm in Loch Striven in August 2020 with 683 tonnes of dead fish)
- In 2021, Bakkafrost Scotland reported by far the most mortalities in with 12,174 tonnes followed by Mowi with 6,984 tonnes; Scottish Sea Farms with 5,058 tonnes; Cooke with 2,160 tonnes; Loch Duart with 1,380 tonnes; Grieg Seafood with 1,134 tonnes and Wester Ross Fisheries with 252 tonnes
- Over the last decade or so (2010 to 2021), Norwegian giant Mowi reported the most mortalities with 63,359 tonnes closely followed by Bakkafrost Scotland with 55,483 tonnes; Grieg Seafood with 31,189 tonnes; Scottish Sea Farms with 29,089 tonnes; Cooke Aquaculture with 26,919 tonnes; Loch Duart with 10,219 tonnes and Wester Ross Fisheries with 835 tonnes
- Average survival (i.e. mortality) over the last decade on salmon farms in Scotland is 78.3% (i.e. 21.7% mortality) with 75.9% (i.e. 24.1% mortality) in 2018 (the latest data available); 73.8% (i.e. 26.2% mortality) in 2017 and 76.6% (i.e. 23.4% mortality) in 2016
- Over 35 million mortalities have been reported via nearly 3,000 ‘Mortality Event Reports’ to the Scottish Government’s Fish Health Inspectorate since January 2017 with Mowi reporting 12.4 million morts via 666 reports; Bakkafrost Scotland reporting 11.7 million morts via 1,045 reports; Cooke Aquaculture reporting 3.4 million morts via 246 reports; Scottish Sea Farms reporting 2.8 million morts via 479 reports (although Scottish Sea Farms failed to report numbers of morts in 161 cases) and Grieg Seafood reporting 2.4 million morts with 206 reports
- A rough guesstimate of the number of sea cage farmed salmon mortalities in 2021 is 20 million

Media Backgrounder: Death Becomes Salmon Scotland

Back in 2013, the Scottish Salmon Producers Organisation (renamed Salmon Scotland in 2021) successfully persuaded SEPA not to publish data on the numbers of mortalities [claiming that disclosure would be 'commercially damaging'](#). In 2018, lawyers representing salmon farming companies also lobbied the Scottish Government – [unsuccessfully as it turned out – to prevent damning photos of diseased Scottish salmon being published](#). From the [photos disclosed since](#) – and [published via inspections conducted by the Fish Health Inspectorate](#) – it is not difficult to see why Scottish salmon farmers do not want the public witnessing such welfare abuse.



Photo Exclusive: here's why [@MowiScotlandLtd](#) want activists to stay away from their disease-ridden feedlots. Shame on [@rspcaassured](#) [@ASC_aqua](#) [@sainsburys](#) [@Tesco](#) [@LidlGB](#) [@AldiUK](#) [@ScotlandSalmon](#) for promoting Mowi's Scottish salmon as "responsibly sourced"! [tinyurl.com/3n49wp8m](#)



GSSI and 9 others

10:41 AM · Aug 24, 2022 · Twitter Web App



Organic Scamon: here's what Cooke Aquaculture's salmon from Westray on Orkney look like (as inspected by [@marinescotland](#) in May) [@TheOrcadian](#) [@bbcorkney](#) [@OrkneyCouncil](#) Why does the [@SoilAssociation](#) certify salmon farms as 'organic'? [@SoilAssocScot](#) [@CookeScotland](#) [@cookeseafood](#)



Papay Ranger and 9 others

11:48 AM · Aug 24, 2022 · Twitter Web App



Mowi: "the risk of people turning away from a healthy food such as salmon as a reaction to irresponsible use of photos for the sole purpose of creating fear in the consumer, is a risk to public health" [tinyurl.com/y6xtwmza](#) [@MowiScotlandLtd](#) [@marinescotland](#) [@FergusEwingMSP](#)



2:01 PM · Oct 24, 2019 · Twitter Web App



Edie Bowles [@Animallawyersuk](#) said the dossier, compiled by Don Staniford, a critic of salmon farming, indicated "systemic and obvious" pain & suffering that could justify legal action against [@scotgov](#) [@MairiGougeon](#) [@SSPOsays](#) [tinyurl.com/yxy775wp](#) [@SundayTimesScot](#) [@ciwf](#) [@scotgp](#)



9:54 AM · Feb 2, 2020 · Twitter Web App

Despite the salmon farming industry’s best attempts to hide the scale of mortalities, the publicly available data is damning. According to data [published by SEPA via ‘Scotland’s Aquaculture’](#), last year (2021) was the highest ever for mortalities with nearly 30,000 tonnes of dead farmed fish reported across Scotland – treble the figure a decade ago:

Scottish Farmed Fish* Mortalities (2010 to 2021)

Year	Mortalities (tonnes)**	Mortalities (#s) ***
2021	29,959	commercially damaging so not disclosed
2020	27,369	commercially damaging so not disclosed
2019	25,772	commercially damaging so not disclosed
2018	16,573	commercially damaging so not disclosed
2017	25,444	commercially damaging so not disclosed
2016	22,240	commercially damaging so not disclosed
2015	18,295	commercially damaging so not disclosed
2014	16,005	commercially damaging so not disclosed
2013	10,325	commercially damaging so not disclosed
2012	12,925	8.5 million
2011	9,489	6.8 million
2010	7,502	5.5 million

Basic mathematics and ratio equations give a rough guesstimate of the number of farmed salmon mortalities in 2021 as ca. 20 million (i.e. we know that ca. 10,000 tonnes of morts equates to ca. 7 million dead fish so 30,000 tonnes of morts may be over 20 million dead fish).

Based on survival data presented in the ‘Scottish Fish Farming Production Survey 2020’ [published by the Scottish Government in September 2021](#) (the 2021 survey will be published on 27 October 2022), the average mortality rate on salmon farms in Scotland over the last decade has been as low as 14.6% in 2012 and as high as 26.7% in 2014 (the latest year available details 24.1% mortality in 2018):

- 2018: 75.9% (i.e. 24.1% mortality)
- 2017: 73.8% (i.e. 26.2% mortality)
- 2016: 76.6% (i.e. 23.4% mortality)
- 2015: 79.1% (i.e. 20.9% mortality)
- 2014: 73.3% (i.e. 26.7% mortality)
- 2013: 76.3% (i.e. 23.7% mortality)
- 2012: 85.4% (i.e. 14.6% mortality)
- 2011: 77% (i.e. 23% mortality)
- 2010: 82.8% (i.e. 17.2% mortality)
- 2009: 83.3% (i.e. 16.7% mortality)

A mass mortality clean-up operation is ongoing on the West coast of Scotland in the port of Mallaig – here's a [Facebook post \(12 September 2022\) showing video footage of a Billy Bowie tanker backing onto a Ferguson Transport mort boat](#) destined for a salmon farm:



Rob Ware

12h · 🌐



How to load a waste tanker on to a landing craft in [Mallaig Harbour Authority](#) at low tide. It takes skill and precision!



Rob Ware ▶ **Scottish Maritime**

13h · 🌐



MV 'Spanish John' loads a Billy Bowie tanker out of Mallaig to bring back salmon morts from a west coast fish farm. Wed 7th September.





Salmon Scotland
@SalmonScotland



Endless numbers of salmon mort wagons coming and going from west coast feedlots right now.

This is the death season. Forget the 59% mortals of summer, this is the autumn of biblical wipeout for our “Sustainable Blue Foods for a Green Recovery”
[@MairiGougeon](#) [@MairiMcAllan](#)



10:08 AM · Sep 13, 2022 · Twitter for iPhone



Salmon Scotland
@SalmonScotland



More mortals. This time 2x 32,000kgs of rotting salmon heading through Kyle of Lochalsh.

Will they end up in Mowi's fishmeal plant? They do use dead salmon in their feed after all:



Such is the scale of dead Scottish salmon that ferries have refused to carry the stinky cargo for fear of putting off tourists. The Daily Mail [reported in June 2022](#):

Scottish Daily Mail

Fish lorries barred from CalMac ferry over bacteria fears

Scotland · Stornoway · Isle of Lewis · Outer Hebrides · Ullapool · Angus MacNeil · Travel
10 Jun 2022 By Mike Merritt

CALMAC has 'banned' fish hauliers from using a ferry during the day amid health and safety concerns for other passengers.

The operator said it was concerned leaking crates of salmon transported to mainland Scotland were creating a bacteria risk.

Tests have shown the potentially harmful bacteria found in effluent dripping from the trucks has been trailed to passenger decks from car ports.

Bosses have told haulage firms they must use the over

'Free up more space'

Night service from Stornoway, on the Isle of Lewis, to Ullapool, on the mainland, instead.



Island crossing: Salmon shipments are causing concern

But firms claim their ferry service is being singled out to give more room to passengers. One haulage boss has also claimed the tests were six years old and that CalMac had so far ignored all possible solutions.

A spokesman for one haulage firm, DR Macleod, said: 'We are CalMac's biggest single customer on the network providing business worth millions to them. CalMac recently decided they were going to ban the transport of fish on the daytime sailing to Ullapool. The reasons are supposedly based on health and safety grounds, which does not really stand up to scrutiny as they do not have an issue with the fish

travelling on night-time sailings, and they allow the transport of fish on their daytime sailings on other routes.

'However, we believe their main reason is to free up more space for tourists on the sailing. It seems suspicious how they bring this up in the summer months as tourist season is coming up and they did not bring it up over the winter or over previous years when it was quiet due to Covid.

'The timely shipping of this cargo is vitally important to our economy and it is extremely time sensitive.

'If CalMac continue to put up road blocks in the way of what is a major industry on our island, then we run the risk of losing these companies

from the island entirely, and subsequently a significant amount of employment locally, which would be devastating to our economy and population.'

Western Isles MP Angus MacNeil said: 'CalMac should be applying the same standards with all their routes. Firstly and foremost they should be there for island businesses and the community and in this case, they don't seem to be.'

Robbie Drummond, managing director of CalMac, said: 'Everyone at CalMac recognises the vital role we play in supporting the local economy and we continually work hard to maintain good working relationships with businesses which rely on us.'

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The Times [reported in June 2022](#) that "a leading haulier has claimed that their lorries carrying fish have been 'banned' from a CalMac ferry because the smell upsets tourists". Robbie Drummond, managing director of CalMac, said: "The leakage of salmon effluent on to our car decks is a health and safety issue for passengers and crew and we cannot allow the risk of this effluent on footwear, clothes and cars being carried into passenger areas."

THE  TIMES Today's sections ▾ Past six days Explore ▾ Times Radio Times+

Haulier kicks up stink over ferry ban

Mike Merritt

Friday June 10 2022, 12.01am, The Times



DR Macleod denies claims that there is a health risk to passengers from salmon effluent and says the travel restriction is to "free up more space for tourists"

ALAMY

The Herald On Sunday [reported yesterday \(25 September 2022\)](#):

The Herald **Inquiry into salmon farming demanded after "sickening" levels of fish deaths**



Inquiry into salmon farming demanded after "sickening" levels of fish deaths



By Martin Williams
Senior News Reporter
[@Martin1Williams](#)

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Don Staniford
[@TheGAAIA](#)

The Herald On Sunday: "One campaign group organiser said the latest mortality numbers were 'sickening'" [@heraldscotland](#) [@1edmountain](#) [@fincarson](#) [@ScotParl](#) [@ScotlandSalmon](#) [@GraemeDeyMSP](#) [@ArianeBurgessHI](#) [@Liam4Orkney](#) [@SP_RuralAffairs](#) [@ScotSalmonTank](#) [@scotgp](#) pressreader.com/search?query=s...



According to mortality data [published by the Scottish Government's Fish Health Inspectorate](#), 11.9 million mortalities were reported between August 2021 and August 2022 via 824 'Mortality Event Reports' submitted by salmon farming companies ([note that there is only a duty to report mass mortalities above a certain threshold – i.e. the dataset is not a comprehensive record](#)).

Since 2017 (when the dataset was started), over 35 million mortalities have been [reported to the Scottish Government's Fish Health Inspectorate](#) via nearly 3,000 'Mortality Event Reports'. Some of the data is missing ([especially in relation to Scottish Sea Farms who may have over 2 million mortalities unreported](#)) but it includes:

Mowi (Marine Harvest): 666 'Mortality Event Reports' = 12,353,090 (19 missing #s)

The Scottish Salmon Company/Bakkafrost Scotland: 1,045 'Mortality Event Reports' = 11,728,798 (8 missing #s)

Cooke Aquaculture: 246 'Mortality Event Reports' = 3,426,628

Scottish Sea Farms: 479 'Mortality Event Reports' = 2,779,260 (161 missing #s)

Grieg Seafood: 206 'Mortality Event Reports' = 2,350,280

Loch Duart: 171 'Mortality Event Reports' = 921,252 (8 missing #s)

The [FHI data](#) (which is updated by the Scottish Government on a monthly basis) shows that reported mass mortalities are increasing with 2022 set to be the highest on record (data for 2022 is only currently available until the end of July/early August):

2022: 4,917,891 (264 'Mortality Event Reports')

2021: 9,091,344 (728 'Mortality Event Reports')

2020: 5,155,524 (531 'Mortality Event Reports')

2019: 6,389,555 (573 'Mortality Event Reports')

2018: 3,794,605 (347 'Mortality Event Reports')

2017: 4,843,824 (386 'Mortality Event Reports')

2016: 1,065,134 (83 'Mortality Event Reports')

2015: 8,118 (7 'Mortality Event Reports')

Contact:

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Notes to Editors:

[1] Here are selected excerpts from '[Year of the Dead Salmon](#)':

**The Twenty Worst Salmon Farms in Scotland
(ranked by cumulative mortality over the last twelve month period*)**



Company	Farm	Monthly mortality (%)	Notes	Cumulative mortality over full production cycle (%)
Scottish Salmon Company Ltd	Druimyeon Bay	0.0 (Farm fallowed in Dec.)		82.1
Scottish Salmon Company Ltd	East Tarbert Bay	0.0 (Farm fallowed in Jan.)		80.2
Scottish Salmon Company Ltd	Vacasay	0.0 (Farm fallowed in Dec.)		66.2
Mowi Scotland Limited	Greshornish	3.5 (Farm fallowed in Jul.)	Gill health related	59.5
Bakkafrost Scotland	Kyles Vuia	0.0 (Farm fallowed in Jul.)		57.8
Mowi Scotland Limited	Greanem	5.2 (Farm fallowed in Jun.)	Gill health related	55.9
Loch Duart Ltd	Sound of Harris	1.4 (Farm fallowed in Dec.)		50.3
Mowi Scotland Limited	Camas Glas	0.9 (Farm fallowed in Jul.)		50.0
Mowi Scotland Limited	Grey Horse Channel	4.9 (Farm fallowed in Jul.)	Gill health related	44.2
Scottish Salmon Company Ltd	Gravir Outer	0.5 (Farm fallowed in Apr.)		42.3
Scottish Sea Farms Ltd	Kishorn B (North)	8.2 (Farm fallowed in Oct.)	Gill health related / Viral disease	41.3
Scottish Salmon Company Ltd	West Strome	0.0 (Farm fallowed in Feb.)		39.1
Scottish Sea Farms Ltd	Foraness	1.7 (Farm fallowed in Jun.)		38.9
Scottish Salmon Company Ltd	Eport Outer	0.0 (Farm fallowed in Dec.)		36.8
Wester Ross Fisheries Ltd	Ardessie B	0.0 (Farm fallowed in May)		34.6
Wester Ross Fisheries Ltd	Ardessie A	0.2 (Farm fallowed in Apr.)		34.1
Mowi Scotland Limited	Ardnish	0.1 (Farm fallowed in Jun.)		32.9
Scottish Sea Farms Ltd	Loch Spelve (B)	7.5 (Farm fallowed in Oct.)	Gill health related	32.8
Scottish Sea Farms Ltd	Toyness	0.2 (Farm fallowed in May)		32.1
Bakkafrost Scotland	Portree	0.0 (Farm fallowed in Jun.)		30.6
Scottish Salmon Company Ltd	Maaney	0.0 (Farm fallowed in Oct.)		30.0

The Scottish Salmon Company ([renamed Bakkafrost Scotland in June 2022](#)) accounted for 9 of the Top 20 including Druimyeon Bay and East Tarbert Bay on Gigha with 82.1% and 80.2% cumulative mortality respectively; Mowi and Scottish Sea Farms both accounted for 4 cases with Wester Ross Fisheries (bought by Mowi in June 2022) responsible for 2 cases and one case at Loch Duart (50.3% mortality in the Sound of Harris).

* August 2021 to July 2022 as [published by Salmon Scotland](#)

The Worst Salmon Farms In Scotland Since 2018
(as judged by cumulative mortality rates [published by Salmon Scotland](#)!)



Mortality Rate

- 82.1%: Druimyeon Bay (Bakkafrost Scotland/Scottish Salmon Company) – December 2021**
- 80.2%: East Tarbert Bay (Bakkafrost Scotland/Scottish Salmon Company) – January 2022**
- 78.3%: Leinish (Grieg Seafood) – September 2020**
- 66.2%: Vacasay (Bakkafrost Scotland/Scottish Salmon Company) – December 2021**
- 65.7%: Ardessie A (Wester Ross Fisheries) – February 2019**
- 59.5%: Greshornish (Mowi) – July 2022**
- 58.2%: Inch Kenneth (Bakkafrost Scotland/Scottish Salmon Company) – February 2018**
- 57.7%: Kyles Vuia (Bakkafrost Scotland/Scottish Salmon Company) – July 2022**
- 56.2%: Plocrapool (Bakkafrost Scotland/Scottish Salmon Company) – February 2021**
- 55.9%: Greanem (Mowi) – June 2022**
- 52.9%: Maaey (Bakkafrost Scotland/Scottish Salmon Company) – December 2019**
- 51.3%: Corlarach (Grieg Seafood) – September 2020**
- 50.5%: Ardessie B (Wester Ross Fisheries) – April 2019**
- 50.3%: Sound of Harris (Loch Duart) – December 2021**
- 50%: Camas Glas (Mowi) - July 2022**

SCOTTISH SALMON'S 50%+ MORTALITY CLUB!



Worst Mortality Rates by Company Over the Last Twelve Months*

– Bakkafrost Scotland is the King of Death!



The Scottish Salmon Company/Bakkafrost Scotland: 39.8%

Wester Ross Fisheries: 34.4%

Loch Duart: 22%

Mowi Scotland: 18.9%

Scottish Sea Farms: 18.3%

Grieg Seafood: 10.7%

Cooke Aquaculture: 9.9%

Industry Average: 19.9%

Industry Average in 2022 (January to July): 22%

Industry Average in 2021 (August to December): 17.8%

* August 2021 to July 2022 as [published by Salmon Scotland](#)

Photos of Bakkafrost's Druimyeon Bay salmon farm taken during an inspection by the Scottish Government in October 2021 ([published online via the Fish Health Inspectorate's 'Case Information – 2021-0385'](#)):



According to [SEPA's 'Scotland's Aquaculture' database](#) (sourced from monthly returns submitted by salmon farming companies), here are the Top 50 (i.e. highest/worst) sites for mortalities since 2010 (data up to December 2021) headed by [The Scottish Salmon Company/Bakkafrost in Druimyeon Bay on the Isle of Gigha](#) with a staggering 1,110 tonnes of dead fish in October 2021 (and another 536 tonnes at nearby East Tarbert Bay – also operated by The Scottish Salmon Company/Bakkafrost):

Date	Mortalities (Kilograms)	Site Name	Operator
01-Oct-21	1109905.9	Druimyeon Bay	The Scottish Salmon Company Ltd
01-Aug-20	682688.7	Sgian Dubh	The Scottish Salmon Company Ltd
01-Dec-15	640812	Cole Deep	Grieg Seafood Shetland Ltd
01-Aug-20	569941.5	Strone Point	The Scottish Salmon Company Ltd
01-Feb-10	564900	Pegal Bay	Cooke Aquaculture Scotland
01-Oct-21	535944.3	East Tarbert Bay	The Scottish Salmon Company Ltd
01-Oct-17	527936	Stead of Aithness	Cooke Aquaculture Scotland
01-Oct-19	518370.892	Bagh Dail nan Ceann North and South	Mowi Scotland Ltd
01-Sep-19	502069.0465	Bagh Dail nan Ceann North and South	Mowi Scotland Ltd
01-Oct-13	494652.3731	Portnalong	Mowi Scotland Ltd
01-Apr-19	490418	Quarry Point	The Scottish Salmon Company Ltd
01-Nov-17	487622	Druimyeon Bay	The Scottish Salmon Company Ltd
01-Aug-20	455516	Leinish Bay	Isle of Skye Salmon Ltd [Grieg Seafood]
01-Nov-21	455083.4	Taranaish	The Scottish Salmon Company Ltd
01-Nov-17	422946	Stead of Aithness	Cooke Aquaculture Scotland
01-Oct-16	396461	Trilleachan Mor	The Scottish Salmon Company Ltd
01-Oct-14	392856.0973	Greshornish	Mowi Scotland Ltd
01-Aug-20	369218.0415	Stulaigh Island	Mowi Scotland Ltd
01-Jul-20	368589.6613	Stulaigh Island	Mowi Scotland Ltd
01-Sep-21	366166.8	East Tarbert Bay	The Scottish Salmon Company Ltd
01-Oct-14	361742.2665	Marulaig Bay	Mowi Scotland Ltd
01-Nov-20	351494	Achnacroish (Walters,Lismore East)	Scottish Sea Farms Ltd
01-Sep-21	350543.9	Allt a Chois (Kishorn North Shore)	Scottish Sea Farms Ltd
01-Oct-19	345563.4887	Camus Glas	Mowi Scotland Ltd
01-Oct-12	340000	Setterness South	Grieg Seafood Shetland Ltd

[Note that Mowi's Stulaigh Island and Camus Glas salmon farms are [certified as "responsibly farmed by the Aquaculture Stewardship Council](#) and Mowi's Portnalong salmon farm in Loch Harport is [certified as 'organic' by the Soil Association](#) – most of the farms above and below are [certified as "responsibly sourced" via RSPCA Assured](#) who refuse to provide a list but [concede that ca. 150 salmon farms – ca. 60% of the salmon farming industry in Scotland - is certified via RSPCA Assured generating over £500,000 per year in income](#)]

01-Nov-14	330998.5855	Eilean Raineach	Mowi Scotland Ltd
01-Oct-21	323509	Toy Ness	Scottish Sea Farms Ltd
01-Sep-17	319615	Tuath (Rubha na Gall)	The Scottish Salmon Company Ltd
01-Sep-21	319382.7	Isle of Rum	Mowi Scotland Ltd
01-Sep-21	317947.1	West Strome	The Scottish Salmon Company Ltd
01-Oct-20	304798	Creran B	Scottish Sea Farms Ltd
01-Sep-20	301865	Leinish Bay	Isle of Skye Salmon Ltd [Grieg Seafood]
01-Nov-14	294281.1441	Greshornish	Mowi Scotland Ltd
01-Oct-11	291056	St Molios	The Scottish Salmon Company Ltd
01-Sep-16	289180.2091	Soay Sound	Mowi Scotland Ltd
01-Jun-19	287858	Maaey (East of Loch Uiskevagh)	The Scottish Salmon Company Ltd
01-Nov-14	285003.843	Scotasay	Mowi Scotland Ltd
01-Oct-16	283830.0231	Noster	Mowi Scotland Ltd
01-Sep-19	278670.1991	Am Maol, Isle of Muck	Mowi Scotland Ltd
01-Sep-19	276706	Cole Deep	Grieg Seafood Shetland Ltd
01-Aug-18	272522	Vuia Mor South	The Scottish Salmon Company Ltd
01-Jul-17	272236	Gravir Outer	The Scottish Salmon Company Ltd
01-Oct-19	271455.0295	Poll na Gille	Mowi Scotland Ltd
01-Oct-20	269113	Plocrapol	The Scottish Salmon Company Ltd
01-Oct-16	268508.1291	Eilean Raineach	Mowi Scotland Ltd
01-Feb-15	266341.487	Noster	Mowi Scotland Ltd
01-Sep-21	266049.8	Oldany	Loch Duart Ltd
01-Feb-12	266000	Skewart Holm (Linga)	Grieg Seafood Shetland Ltd
01-Aug-17	265069.1243	Tabhaigh	Mowi Scotland Ltd
01-Oct-12	260000	Collafirth Delting Site 3	Grieg Seafood Shetland Ltd

[Note that Toy Ness salmon farm operated by Scottish Sea Farms is [currently undergoing an initial audit with a view to certification as “farmed responsibly” by the Aquaculture Stewardship Council](#); Mowi’s Rum salmon farm is already [certified as “farmed responsibly” by the ASC](#) whilst Mowi’s Muck salmon farm is [undergoing an initial audit by the ASC](#); BBC Countryfile featured disease-ridden salmon at the RSPCA Assured Scottish Sea Farms site in Loch Creran in [December 2020](#); gruesome photos of welfare abuse at the Maaey salmon farm operated by The Scottish Salmon Company/Bakkafrost were [published by the Scottish Government’s Fish Health Inspectorate in October 2019](#); France 5 [broadcast video footage shot inside West Strome salmon farm operated by The Scottish Salmon Company/Bakkafrost in September 2021](#) – the video footage was [obtained by Scottish Salmon Watch via secret filming](#); Video footage of mortis piled up at Dunvegan Pier – used by Grieg Seafood to deal with mass mortalities at Leinish Bay salmon farm in Loch Dunvegan – was [published in July and September 2020](#)]

The data [published by the Scottish Environment Protection Agency via ‘Scotland’s Aquaculture’](#) (self-reported by salmon farming companies) reveals that The Scottish Salmon Company/Bakkafrost suffered by far the most mortalities in 2021:

2021 Mortalities by Company (in tonnes)

Company	Mortalities (tonnes)
The Scottish Salmon Company/Bakkafrost	12,174
Mowi	6,984
Scottish Sea Farms	5,058
Cooke Aquaculture	2,160
Loch Duart	1,380
Grieg Seafood	1,134
Wester Ross Fisheries	252

Norwegian giant Mowi reported the most mortalities over the last decade (2010 to 2021) closely followed by The Scottish Salmon Company (renamed Bakkafrost Scotland in June 2022) with Grieg Seafood, Scottish Sea Farms (Norskott Havbruk), Cooke Aquaculture and Loch Duart racking up huge mortalities (Wester Ross Fisheries is a small company but were bought by Mowi in June 2022):

Mortalities by Company (in tonnes) - 2010 to 2021

Company	Mortalities (tonnes)
Mowi	63,359
The Scottish Salmon Company/Bakkafrost	55,483
Grieg Seafood	31,189
Scottish Sea Farms	29,089
Cooke Aquaculture	26,919
Loch Duart	10,219
Wester Ross Fisheries	835

[Note that [just six companies – all foreign owned/controlled – account for over 99% of ‘Scottish’ salmon farming production](#). Read more via [‘Scottish \\$camon’](#)]

Number-crunching the data [published by SEPA via ‘Scotland’s Aquaculture’](#) for the last decade, it is clear that The Scottish Salmon Company/Bakkafrost have an escalating mortality problem with mortalities doubling between 2019 and 2021 and increasing 10-fold between 2011 and 2021 (other companies such as Mowi, Scottish Sea Farms, Loch Duart and Wester Ross also reported significant increases):

Mortalities by Company (in tonnes) - 2011 to 2021

Company	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
The Scottish Salmon Company/Bakkafrost	12,174	9,126	5,837	3,449	6,029	5,873	2,909	3,154	2,505	2,322	1,147
Mowi	6,984	7,147	9,550	4,921	7,066	7,605	5,964	5,668	2,540	2,233	2,115
Scottish Sea Farms	5,058	2,840	3,715	1,715	4,036	1,595	2,686	1,845	1,610	1,451	1,900
Cooke Aquaculture	2,160	1,917	2,958	2,939	4,552	2,994	2,190	1,710	1,315	1,427	1,027
Loch Duart	1,380	1,160	751	867	1,066	611	608	1,185	581	822	627
Grieg Seafood*	1,134	4,636	2,220	2,134	2,191	2,854	3,500	2,147	1,541	4,446	2,437
Wester Ross Fisheries	252	56	46	134	15	33	57	72	86	34	25

* Includes Isle of Skye Salmon & Sgeir Mhor

Video footage of mass mortalities at The Scottish Salmon Company/Bakkafrost on the Isle of Gigha where dead fish killed at their disease-ridden Druimyeon Bay and East Tarbert Bay salmon farms was [captured by Inside Scottish Salmon Feedlots](#) and [broadcast on STV News in October 2021](#):



Read ‘Year of the Dead Salmon’ in full [online here](#)

[2] Mortalities reported by Mowi highlight escalating disease problems – here are the latest reports published via <https://mowi.com/uk/sustainability/lice-mortality-reporting/>

Mowi Scotland
Adult Female Lice and Mortality Reporting



Week Ending 04-Sep-22

Farm	Adult female lice (Average per fish) ¹	Weekly Mortality (%)	Site Status	Main cause of Mortality ²	Treatments ³
Muck	0.05	2.18		Gill Infections	
Noster	1.58	3.25		CMS	
Rum	-	5.10		Environmental	
Seaforth	1.95	2.60		CMS	
Stulaigh	1.36	3.90		Gill Infections	
Trilleachan Mor	-	3.28		CMS	

(1) Lice figures are the combined total of gravid/non-gravid females

(2) Main mortality cause noted if the Marine Scotland mortality reporting thresholds of 1.5% per week for fish below 750g, and 1.0% per week for fish over 750g are exceeded

(3) Comments regarding sea lice management treatments are noted here

Full descriptions for abbreviated mortality causes shown above in the week are :

Gill Infections AGD (Amoebic Gill Disease) / PGD (Proliferative Gill Disease)
 CMS Cardiomyopathy Syndrome (viral infection causing weak hearts)
 Environmental Environmental



Don Staniford
 @TheGAAlA

Mowi's "farmed responsibly" Scottish salmon are being killed by gill infections like Amoebic & Proliferative Gill Disease & Cardiomyopathy Syndrome (viral infection causing weak hearts) mowi.com/uk/sustainability/lice-mortality-reporting/
 @MowiScotlandLtd @ScotlandSalmon @rspcaassured @ASC_aqua @TavishScott

Mowi Scotland
Adult Female Lice and Mortality Reporting

MOWI

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WildFish and 9 others

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