

Additional practice abstracts: Laksetap

The **Laksetap app** (Norwegian for *salmonid losses*) (<https://apps.vetinst.no/laksetap/>) is an interactive tool developed to visualise **mortality and loss data for salmonids** (Atlantic salmon and rainbow trout) during the seawater production phase in Norway. The application is based on mandatory monthly re-ports submitted by aquaculture companies to the Norwegian Directorate of Fisheries, covering fish populations from the first month after sea transfer until slaughter. To ensure confidentiality, only ag-gregated results are presented, summarised at county, production area, and national levels.

The app provides insights into different categories of fish loss, including mortality, slaughterhouse rejections, escape events, and other causes such as predation. In addition, it offers several epidemiologically grounded mortality indicators, including **monthly mortality risk, cumulative annual mortality risk, and production cycle mortality**. These indicators are calculated using standard methods that account for population dynamics and the accumulation of risk over time, enabling consistent and transparent assessment of fish mortality across regions and production systems.

Through an accessible dashboard with multiple visualisation options, the Laksetap App allows users to explore **temporal trends, geographical differences, and variation between production cycles**. The use of both median and interquartile range alongside mean values provides complementary perspectives on typical mortality levels and variability across farming sites. This supports interpretation of mortality patterns while accounting for differences between locations.

The Laksetap app is updated regularly as new data become available and incorporates revisions to reported data, ensuring that analyses reflect the most current information. In addition, a **downloadable mortality calculator** enables users to apply the underlying epidemiological methods to their own site-level data, while **aggregated datasets and tables used in the visualisations are also available for download**, supporting transparency and reuse of the data.

The long-term vision is for the Salmon Loss App to support transparent, data-driven monitoring of fish welfare and production outcomes in aquaculture. By providing harmonised and interpretable indicators of mortality, the tool aims **to inform management decisions, facilitate benchmarking across regions, and contribute to improved welfare and sustainability** in salmonid farming.

Månedlig dødelighet %

Kumulativ årlig dødelighet %

Produksjonssyklus dødelighet %

Tapstall

Om tjenesten

Månedlig dødelighet %

Velg art:

Laks

Velg geografisk område:

Produksjonsområde

Diagram

Tabell

Velg flere år:

2026 2025

Velg flere områder:

Norge 3 4

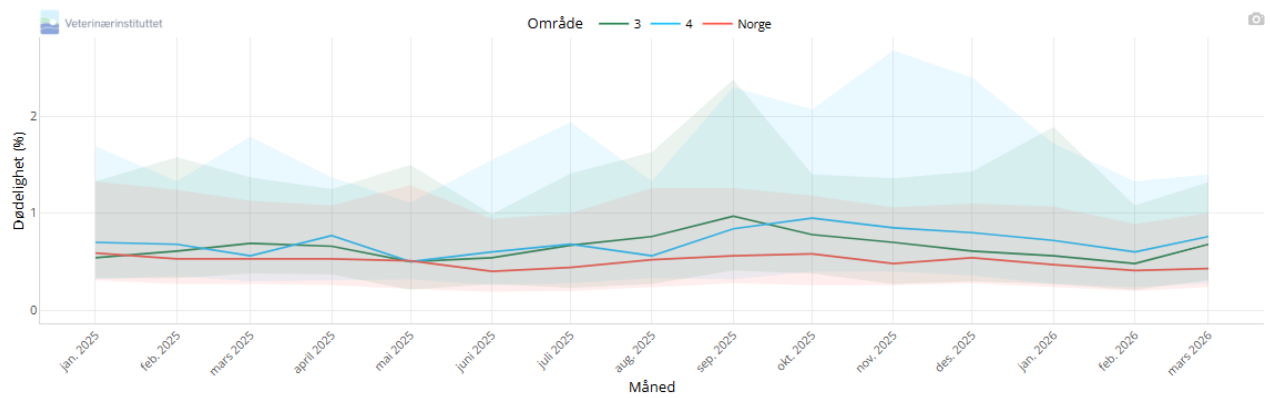


Figure 3. Laksetap screenshot.