

PROJECT - RIPPLE EFFECTS AND VALUE CREATION ANALYSIS IN STOCKFISH AND SALTFISH INDUSTRY

24. MAI 2019, SVOLVÆR – TØRRFISKKONFERANSEN 2019

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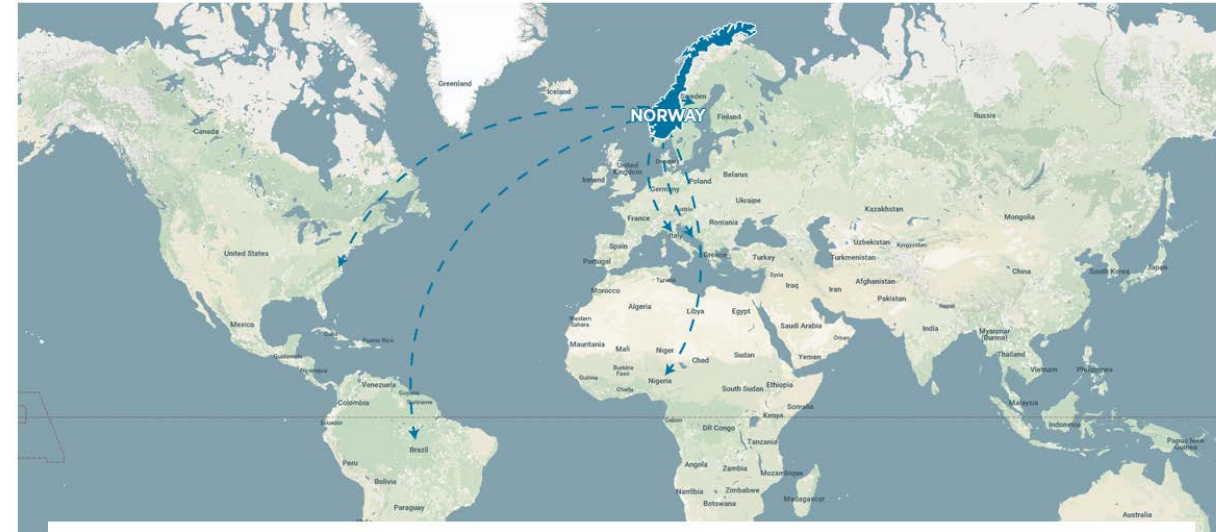
Prosjekt -Ringvirknings- og verdiskapningsanalyse i tørrfisk- og saltfiskindustri

Project - Ripple effects and value creation analysis in stockfish and saltfish industry

The aim of the project:

- To describe and make visible the value creation and employment created in the Norwegian Saltfish- and Stockfish industry
- To calculate the Saltfish- and Stockfish Industry's contribution to value creation and employment in the other Norwegian business sector (ripple effects/economic impacts)

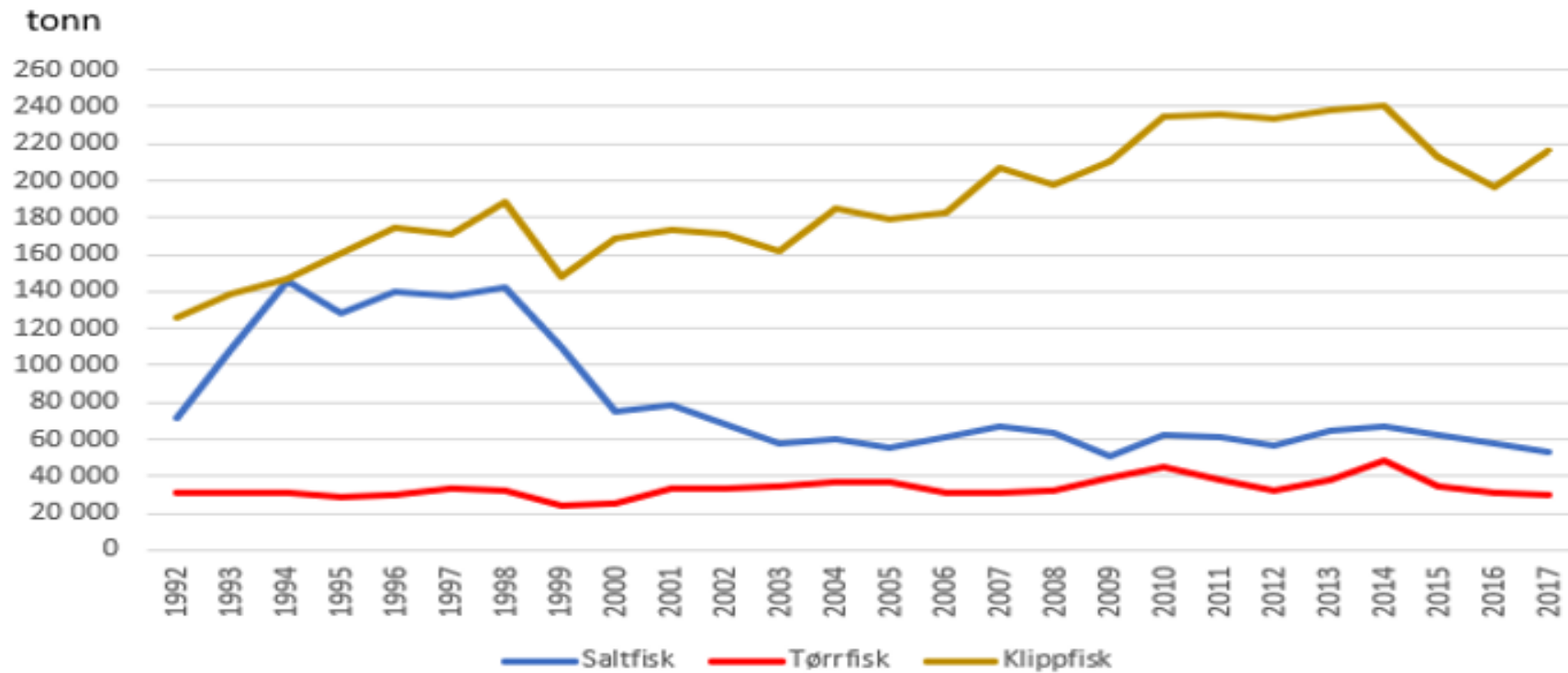
Stockfish from Lofoten has even been awarded Protected Geographical Classification in the EU, putting it in good company with other national delicacies, such as Prosciutto di Parma and Champagne.



Source: Norwegian Seafood Council
<https://cod.fromnorway.com/norwegian-cod/stockfish/>

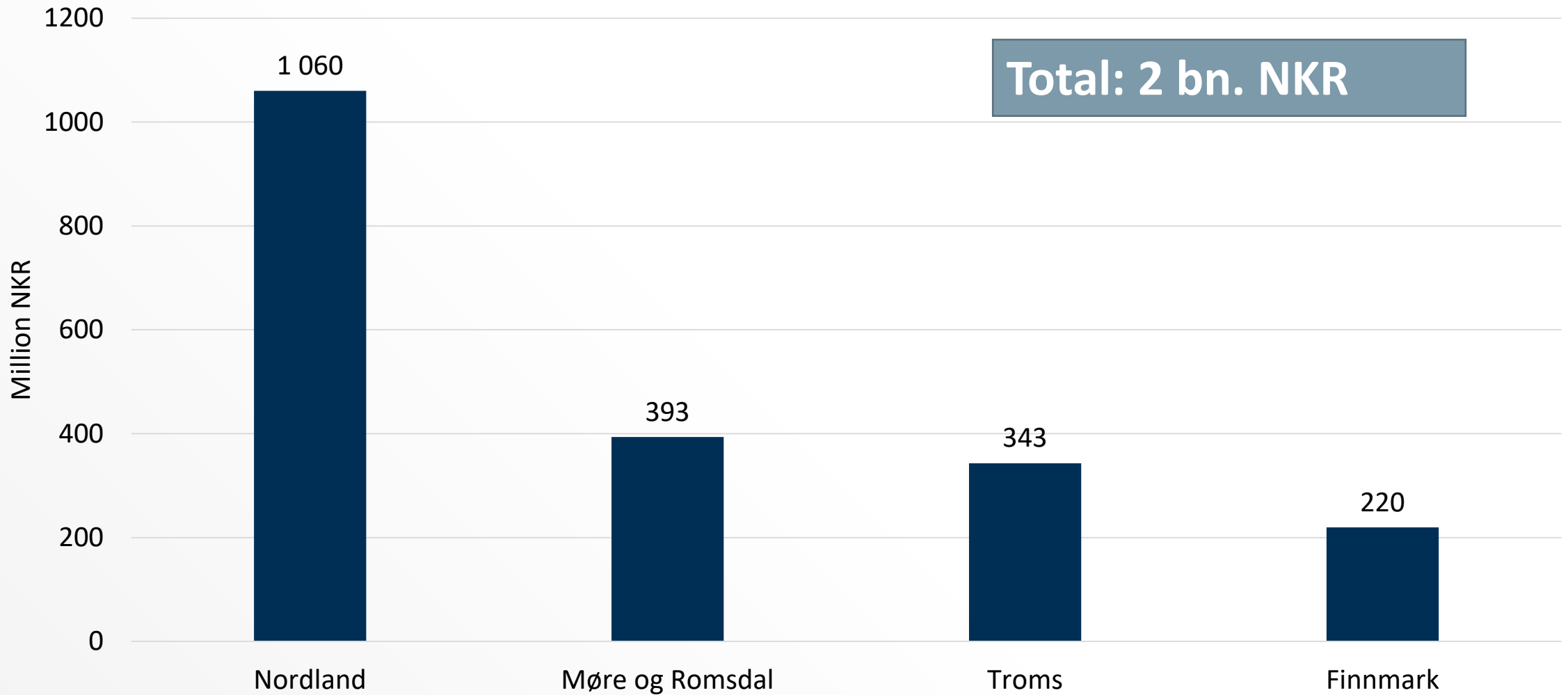


Export



Figur 1: Eksportutvikling for saltfisk, tørrfisk og klippfisk. Omregnet til rundvekt tonn perioden 1992 til 2017 (Kilde: Statistisk Sentralbyrå og Nofima)

Export value of salted fish, stockfish and by-products in 2018 by county



Source: Norwegian Seafood Council

Tørrfiskindustriens betydning for sysselsetting i flåten

The Stockfish Industry's impact on employment in the fishing fleet

We estimate that the stockfish producers, through their fish purchases, indirectly employed **1,304 fishermen in 2018**. It was purchased from 1,309 vessels **85% of employment was on vessels less than 15 meters in length**

Some examples.

Saga Fisk AS employed 104 fishermen, about 90% on vessels under 15 meters AS

Glea AS employed 62 fishermen, all on vessels under 15 meters

The Stockfish industry is very important for many small coastal vessels, which have limited mobility and often deliver 100% of their catch at one site.

Ripple effects in Stockfish/Salted Products Industry

- Example of dynamic reports

[View in Power BI](#) ↗

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Time
Downloaded at:
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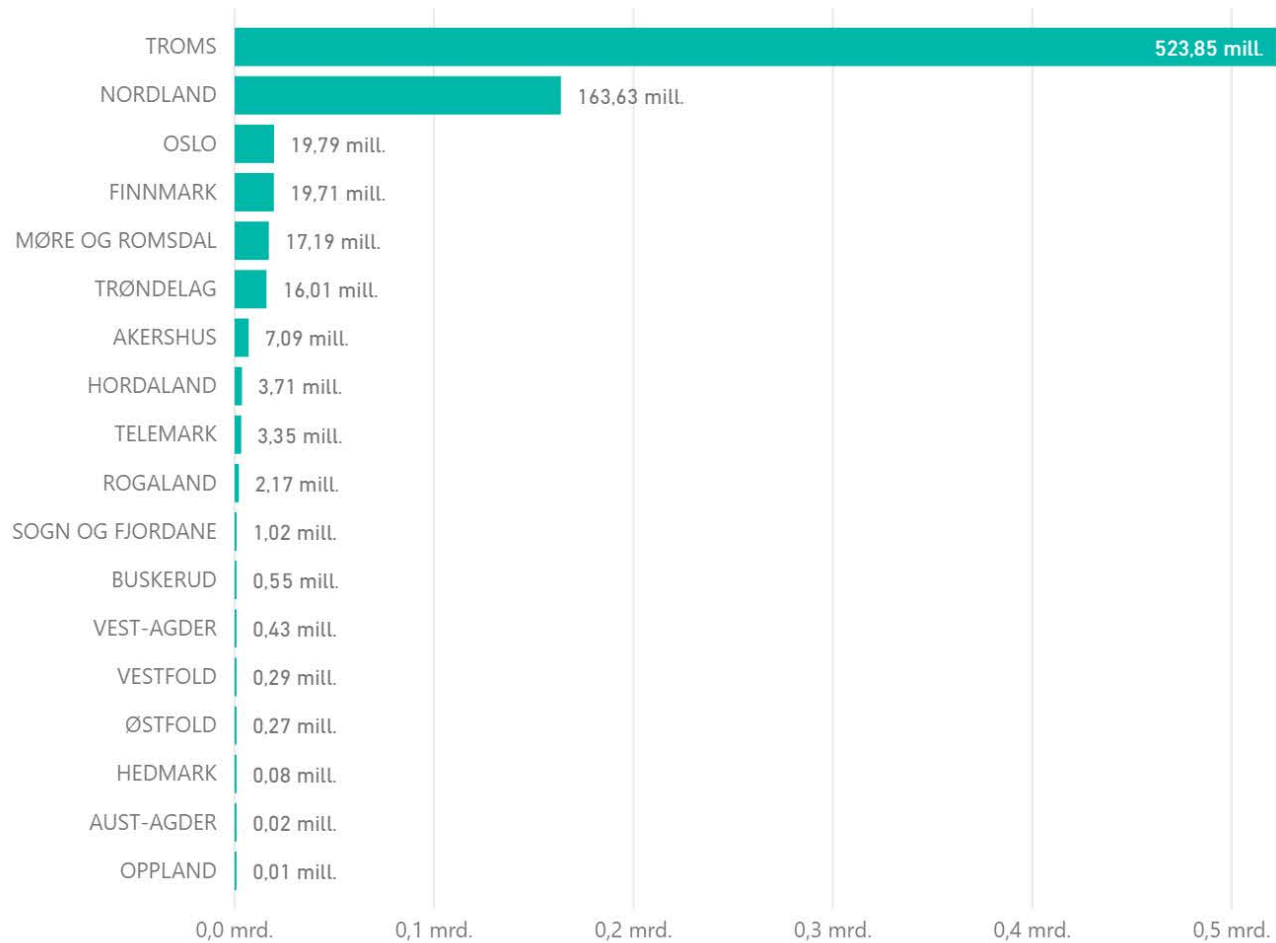


Ripple effects of Stockfish and Saltfish business

779,17 mill.

TS_Innkjøp

Purchase by County



Fylke

- AKERSHUS
- AUST-AGDER
- BUSKERUD
- FINNMARK
- HEDMARK
- HORDALAND
- JAN MAYEN
- MØRE OG ROMSDAL
- NORDLAND
- OPPLAND
- OSLO
- ØSTFOLD
- ROGALAND
- SOGN OG FJORDANE
- SVALBARD
- TELEMARK
- TROMS
- TRØNDELAG
- VEST-AGDER
- VESTFOLD

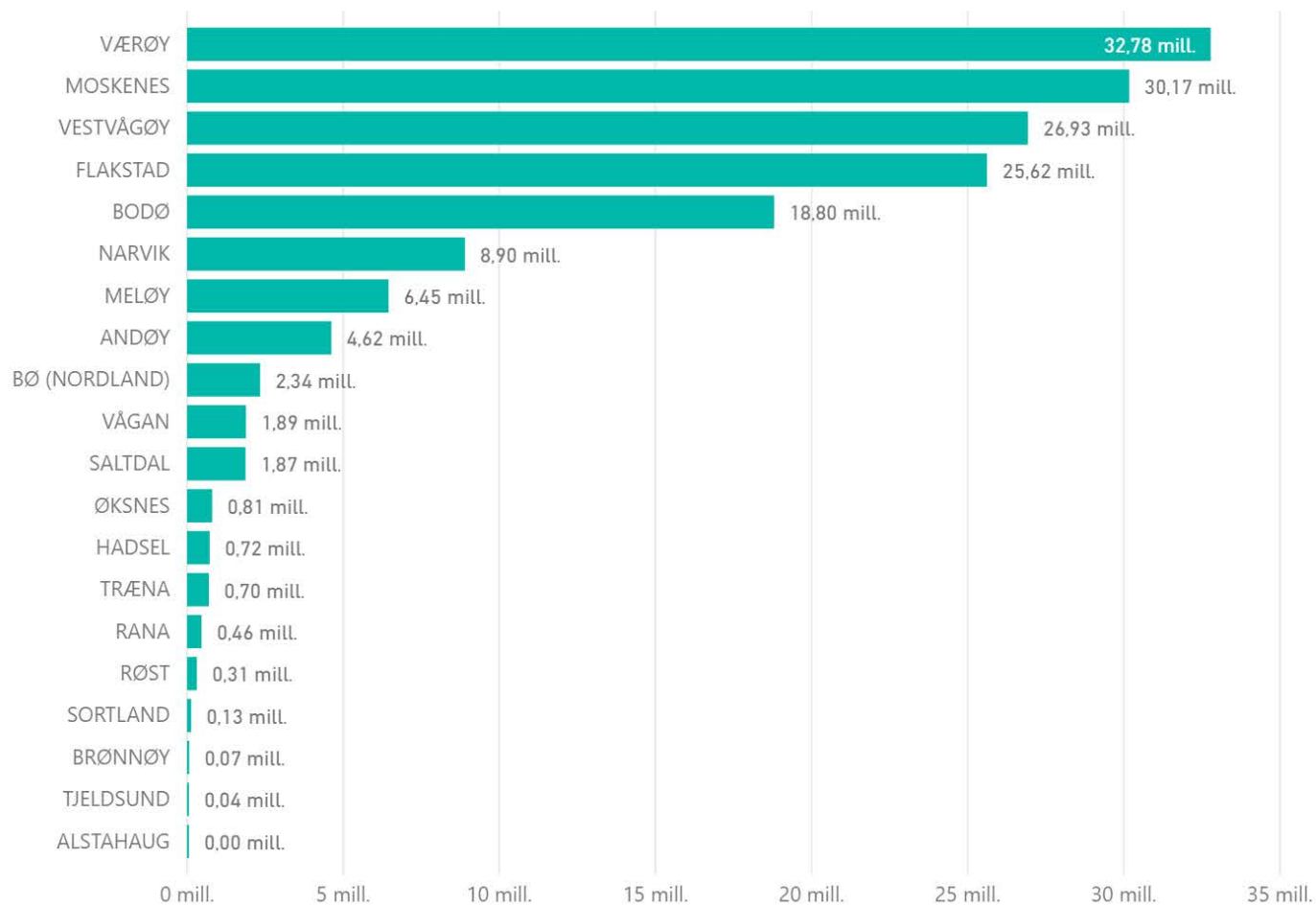


Ripple effects of Stockfish and Saltfish business

163,63 mill.

TS_Innkjøp

Purchase by Municipality



Fylke

- AKERSHUS
- AUST-AGDER
- BUSKERUD
- FINNMARK
- HEDMARK
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- NORDLAND
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- VESTFOLD

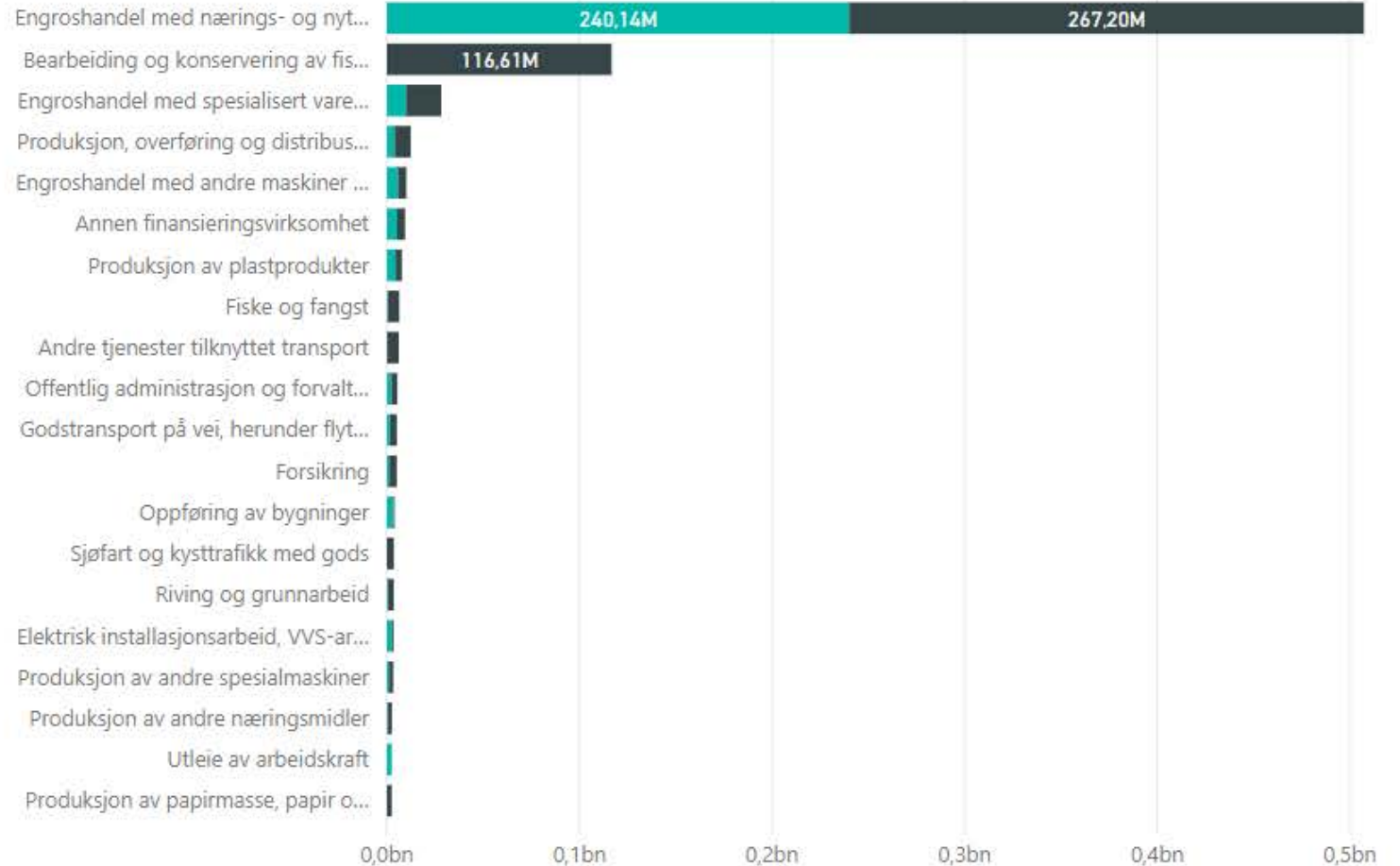
Ringvirkninger i Tørr- og Saltfisknæringen

779,17M

TS_Innkjøp

TS_Innkjøp by Næringshovedgruppe beskrivelse and Aktivitet

Aktivitet ● Saltfisk ● Tørrfisk



Fylke

- AKERSHUS
- AUST-AGDER
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- NORDLAND
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- OSLO
- ØSTFOLD
- ROGALAND
- SOGN OG FJORDANE
- SVALBARD
- TELEMAR
- TROMS
- TRØNDELAGE
- VEST-AGDER
- VESTFOLD

Dynamic Report on WEB – Public Access

The screenshot shows a Power BI report interface. The main content area displays a title 'Ripple effects of Stockfish and Salfish business' and a large red box containing the value '779.17 mill.' with the label 'TS Innkjøp' below it. Below this is a horizontal bar chart titled 'Purchase by County' showing the distribution of purchases across various Norwegian counties. The x-axis represents the amount in billions (mrd.) from 0.0 to 0.5. The y-axis lists the counties. Troms has the highest purchase amount at 523.85 mill., followed by Nordland at 163.63 mill. Other counties include Oslo (19.79 mill.), Finnmark (19.71 mill.), Møre og Romsdal (17.19 mill.), Trøndelag (16.01 mill.), Akershus (7.09 mill.), Hordaland (3.71 mill.), Telemark (3.35 mill.), Rogaland (2.17 mill.), Sogn og Fjordane (1.02 mill.), Buskerud (0.55 mill.), Vest-Agder (0.43 mill.), Vestfold (0.29 mill.), Østfold (0.27 mill.), Hedmark (0.08 mill.), Aust-Agder (0.02 mill.), and Oppland (0.01 mill.).

779.17 mill.
TS Innkjøp

Purchase by County

County	Purchase (mill.)
TROMS	523.85
NORDLAND	163.63
OSLO	19.79
FINNMARK	19.71
MØRE OG ROMSDAL	17.19
TRØNDELAG	16.01
AKERSHUS	7.09
HORDALAND	3.71
TELEMARK	3.35
ROGALAND	2.17
SOGN OG FJORDANE	1.02
BUSKERUD	0.55
VEST-AGDER	0.43
VESTFOLD	0.29
ØSTFOLD	0.27
HEDMARK	0.08
AUST-AGDER	0.02
OPPLAND	0.01

Fylke

- AKERSHUS
- AUST-AGDER
- BUSKERUD
- FINNMARK
- HEDMARK
- HORDALAND
- JAN MAYEN
- MØRE OG ROMSDAL
- NORDLAND
- OPPLAND
- OSLO
- ØSTFOLD
- ROGALAND
- SOGN OG FJORDANE
- SVALBARD
- TELEMARK
- TROMS
- TRØNDELAG
- VEST-AGDER
- VESTFOLD

Summary - preliminary results

- We have built a powerBI model that is adapted to the stockfish and salt fish industry
- We estimate that the stockfish producers, through their fish purchases, indirectly employed 1,304 fishermen in 2018. It was purchased from 1,309 vessels 85% of employment was on vessels less than 15 meters in length
- The Stockfish industry is very important for many small coastal vessels, which have limited mobility and often deliver 100% of their catch at one site