

# Commercial fishing

## Economic contribution to New Zealand in 2020

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# Overview

- Global overview
- Overall contribution to NZ
- Methodology
- Fishing management areas (FMAs)
- Fishing sectors (Deepwater and Inshore fishing)
- Commercial fishing employment

# Global overview

- 92.5 million tonnes of capture fish catch in 2019
- 1.7 million tonnes produced in Oceania
- 0.4 million tonnes produced in New Zealand

# Commercial fishing contribution to NZ (2020)

- \$5.2 billion in annual total Output
- \$2.2 billion in annual total GDP
- 16,530 FTEs in annual total Employment
- \$1.8 billion annual exports

# The art of counting fish

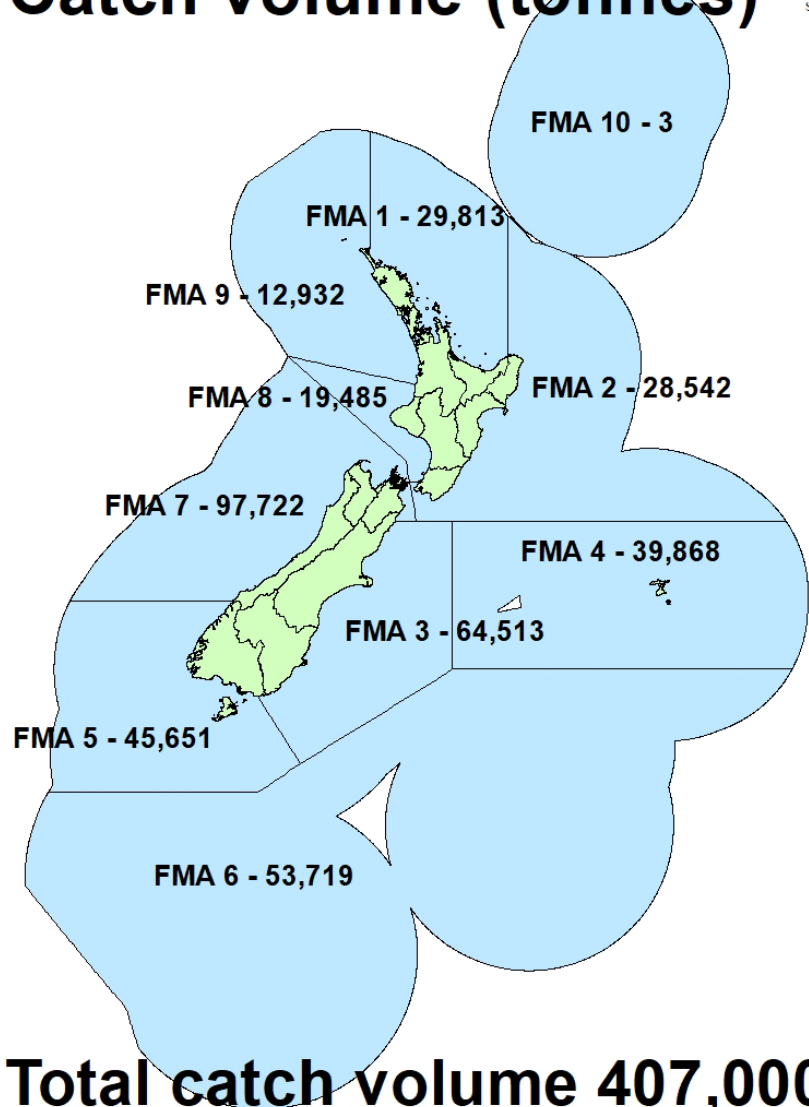
- Sourced five years of commercial catch data from MPI
- Adjusted this catch data to align it with published totals for the five years
- Determined the level of exports for each fish species
- Determined the price per kg of all fish species

# The art of counting fish – part two

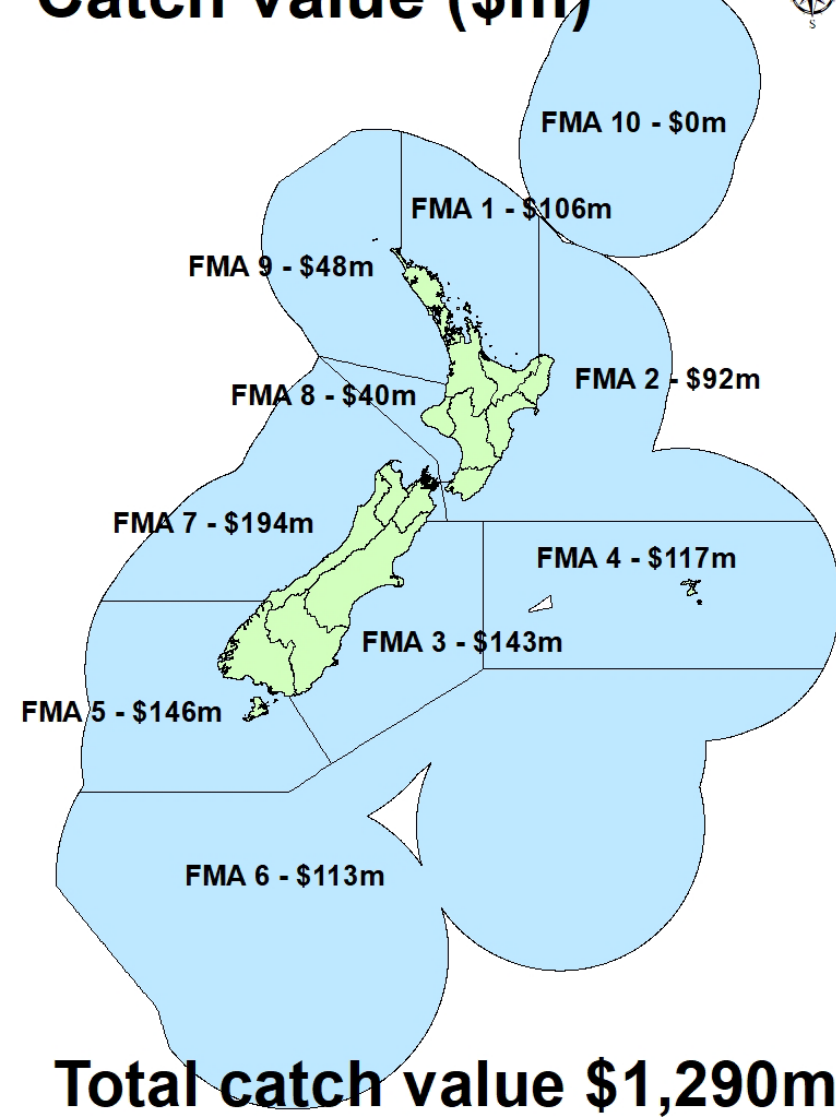
- Allocated all the fish catch to their ANZSIC industry based on fishing method of catch
- Allocated all the fish catch to a sector based on fish species and FMA of catch
- Determine the value of fishing, seafood processing, and the combined commercial fishing activities

# Total catch by FMA

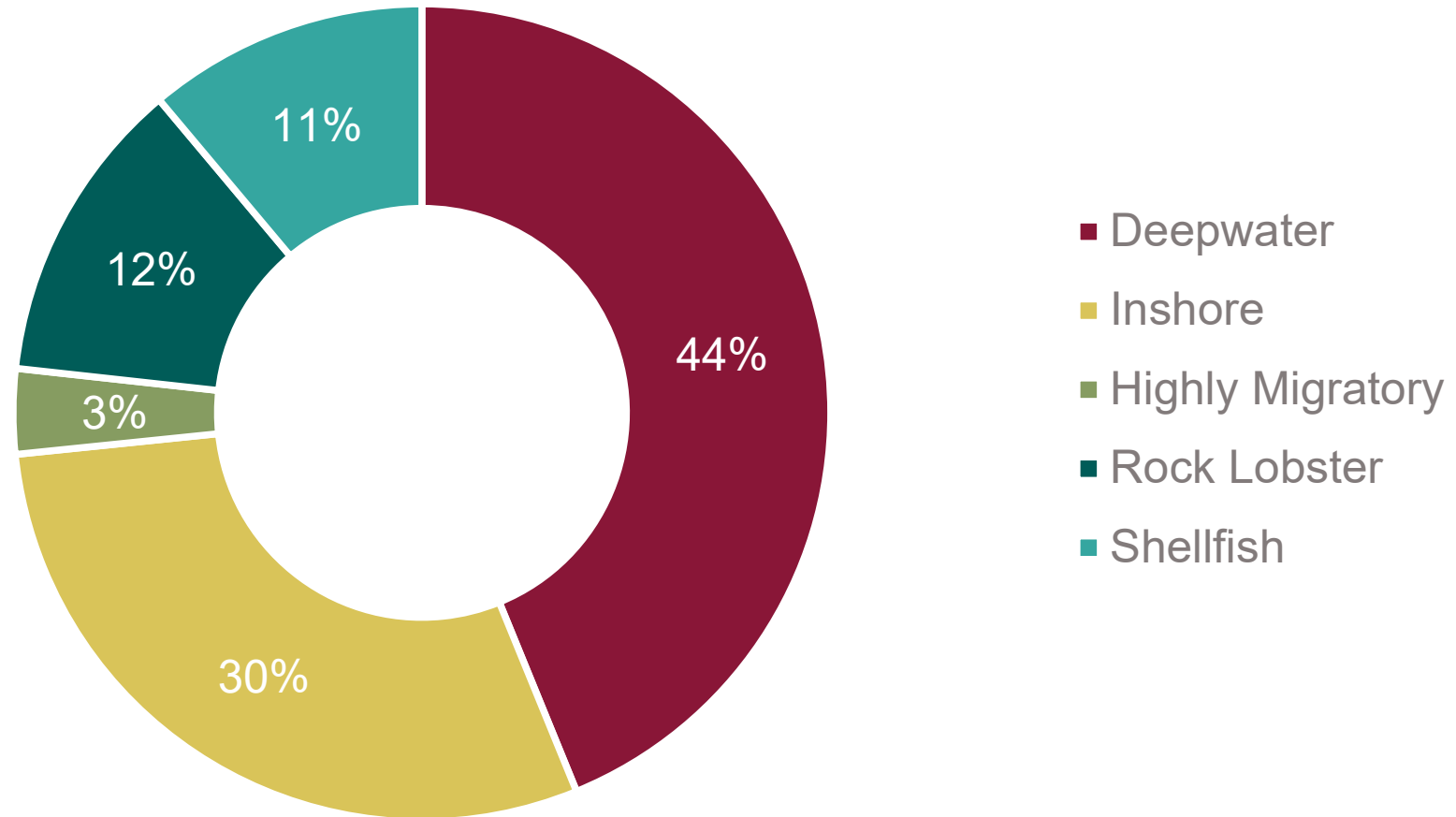
Catch volume (tonnes)



Catch value (\$m)



# Share of total value per sector





# Deepwater sector

- Average catch volume = 292,000 tonnes
- Average catch value = \$564m
- Top three fish species:
  - Hoki - \$166m
  - Arrow Squid - \$92m
  - Ling - \$90m



# Inshore sector

- Average catch volume = 96,000 tonnes
- Average catch value = \$380m
- Top three fish species:
  - Snapper - \$71m
  - Jack Mackerel - \$34m
  - Tarakihi - \$33m



# Rock Lobster sector

- Average catch volume = 2,700 tonnes
- Average catch value = \$156m



# Highly migratory species (H M S) sector

- Average catch volume = 9,800 tonnes
- Average catch value = \$43m
- Top two fish species:
  - Albacore Tuna - \$19m
  - Southern Bluefin Tuna - \$11m





# Shellfish sector

- Average catch volume = 5,800 tonnes
- Average catch value = \$143m
- Top three fish species:
  - Paua - \$96m
  - Dredge Oyster - \$19m
  - Kina - \$16m



# Sector comparison (value per tonne)

- Deepwater - \$ 1,900
- Inshore - \$ 4,000
- Rock Lobster - \$ 57,500
- HMS - \$ 4,400
- Shellfish - \$ 24,600

# Commercial fishing employment

- Employment within the sector and wider support industries
- Regionality of employment within the fishing sector
- Examine the level of self-employment within fishing sector

# Wider employment in 2019

10,060 people employed in the fishing sector

In addition there were:

- 1,350 people employed in Fish and seafood wholesaling
- 552 people employed in Shipbuilding and repair services



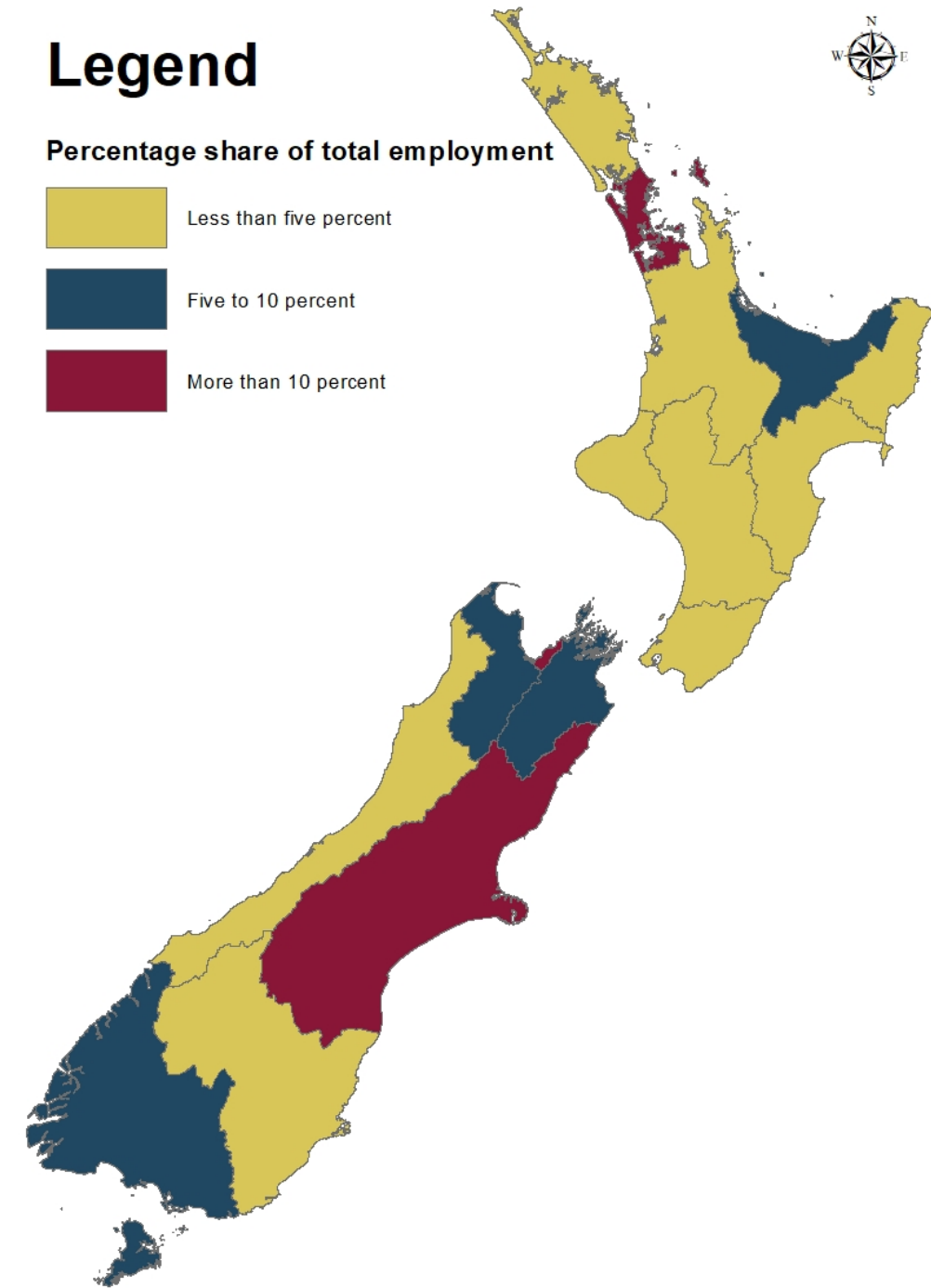
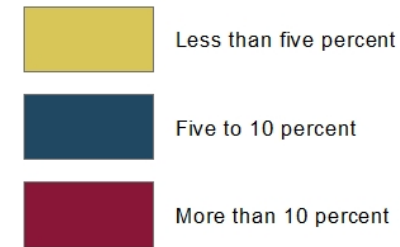
# Regions of employment

Main three regions:

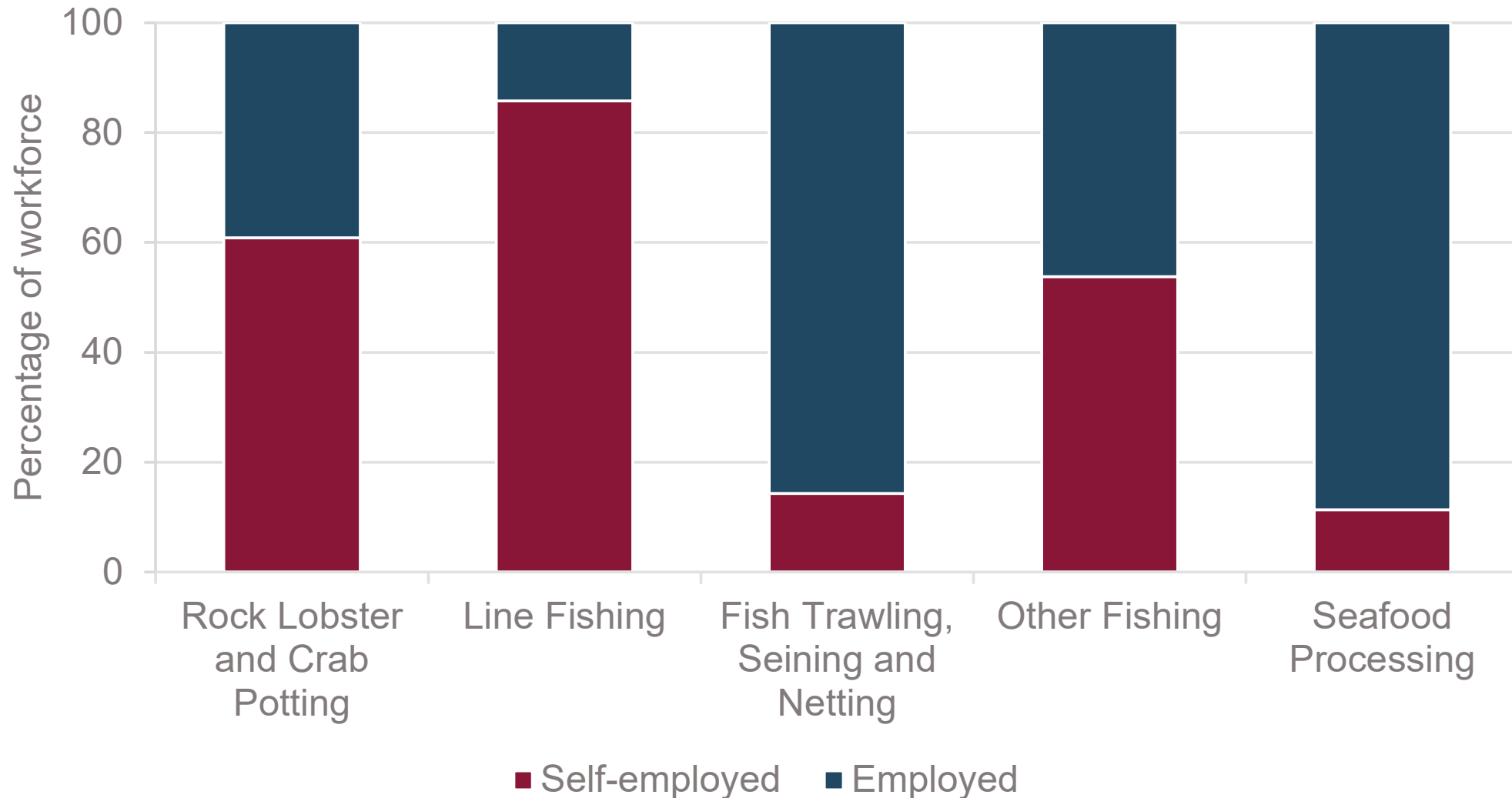
- Auckland – 21 percent
- Canterbury – 15 percent
- Nelson – 10 percent

## Legend

Percentage share of total employment



# Self-employment vs employed



# Potential future research

Focus has been the economic impact only

Broaden the analysis to include impacts of the fishing sector on:

- Economic
- Cultural
- Social
- Environmental

