

Occupational accidents in Norwegian aquaculture - *in numbers*

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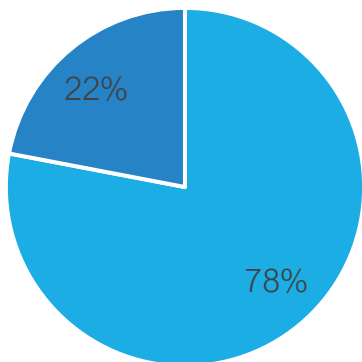
IFISH 6

January 9 2024



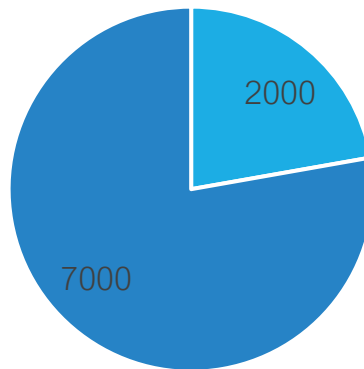
Norwegian aquaculture

Gender



■ Men ■ Women

Employees



■ Landbased production ■ Seabased production

90 % of the production is salmon and trout



Data sources for occupational accidents



**The Norwegian Labour
Inspection Authorities**



Sjøfartsdirektoratet
Norwegian Maritime Authority



SINTEF



Photo: Trine Thorvaldsen



Photo: SINTEF Ocean



Photo: SINTEF Ocean

Data sources for occupational accidents



**The Norwegian Labour
Inspection Authorities**

2011-2022

355-432
injuries/accidents

Based on *Work
Environment Act*



Sjøfartsdirektoratet
Norwegian Maritime Authority

2012-2022

273 injuries

Based on *Regulation on
notification and reporting
of maritime accidents*



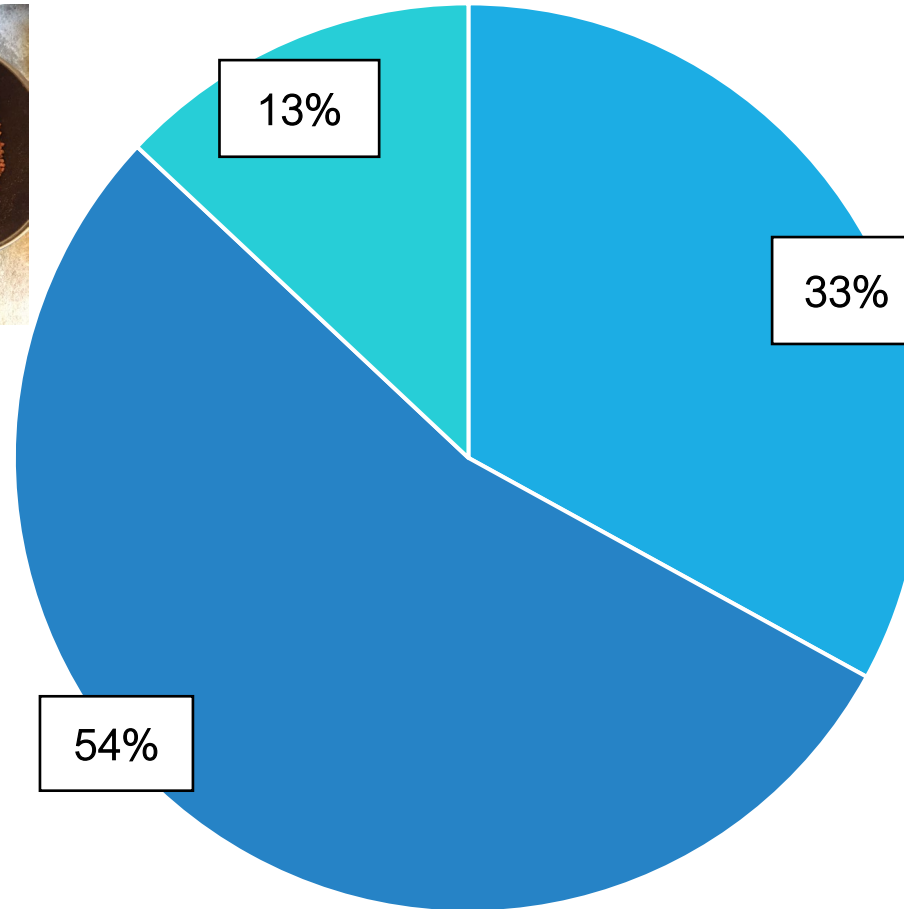
SINTEF

1982-2022

38 fatalities

Based on reporting
and news reports

Maritime accidents - *type of vessels*

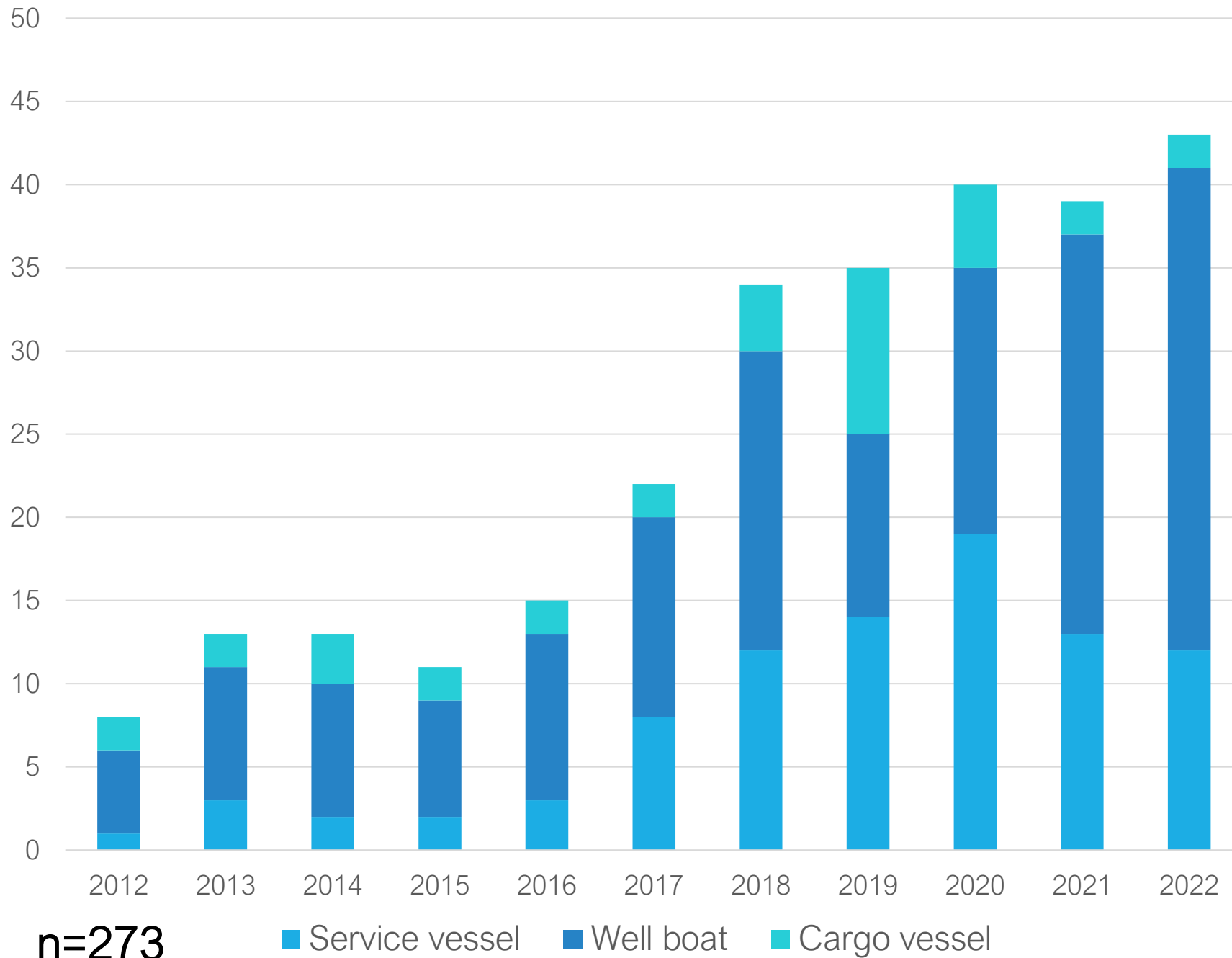


■ Work/Service boats ■ Well boats ■ Cargo vessel

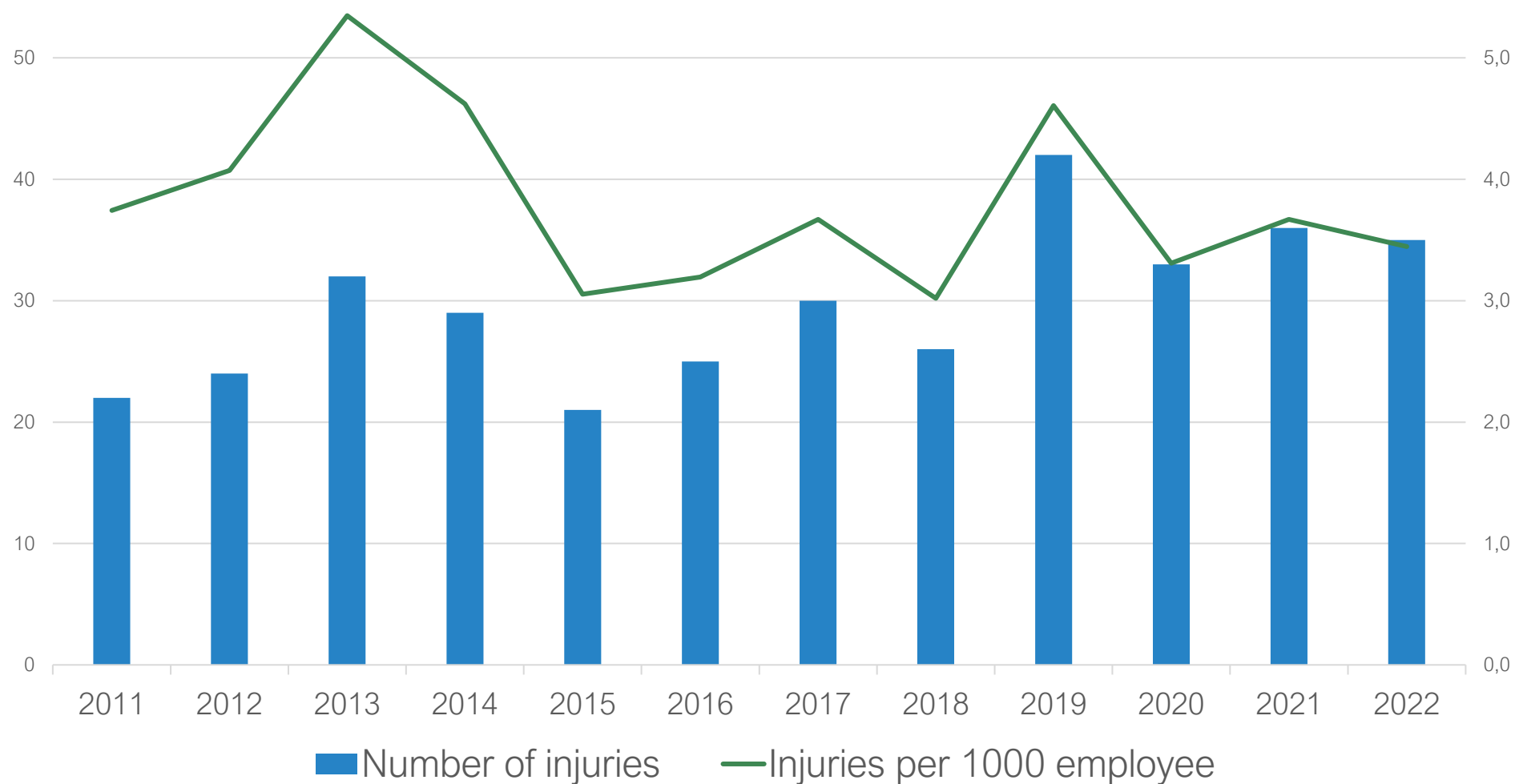
Maritime accidents - *injuries reported each year*

Increase in number of accidents after 2016

New regulations in 2015 and 2017 for smaller cargo vessels and requirements for safety management systems

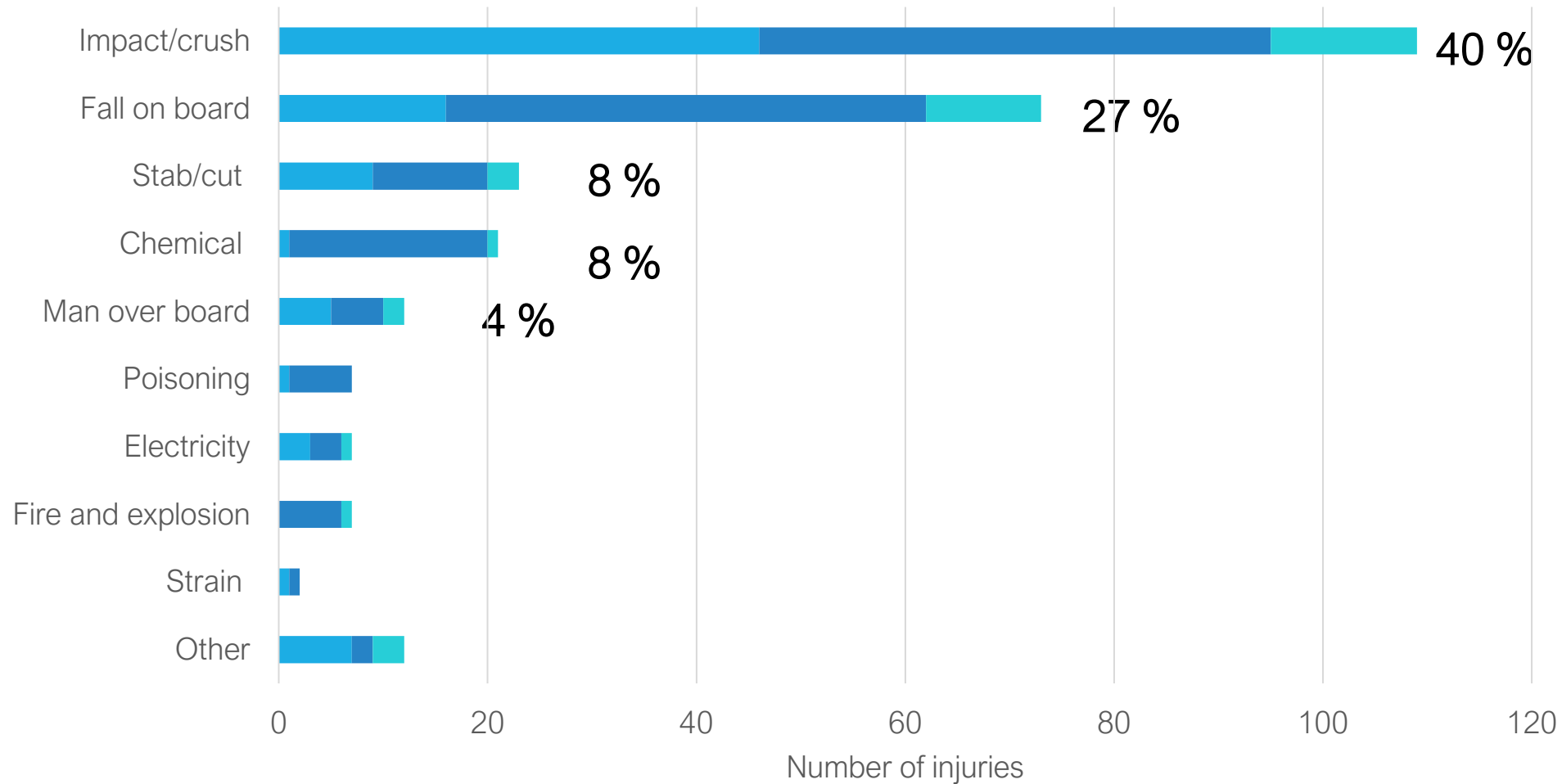


Fish farm accidents – *injuries reported each year*



n=355

Maritime accidents - *accident types*



n=273

■ Service vessel ■ Well boat ■ Cargo vessel

Maritime accidents - *accident types*

Impact/crush

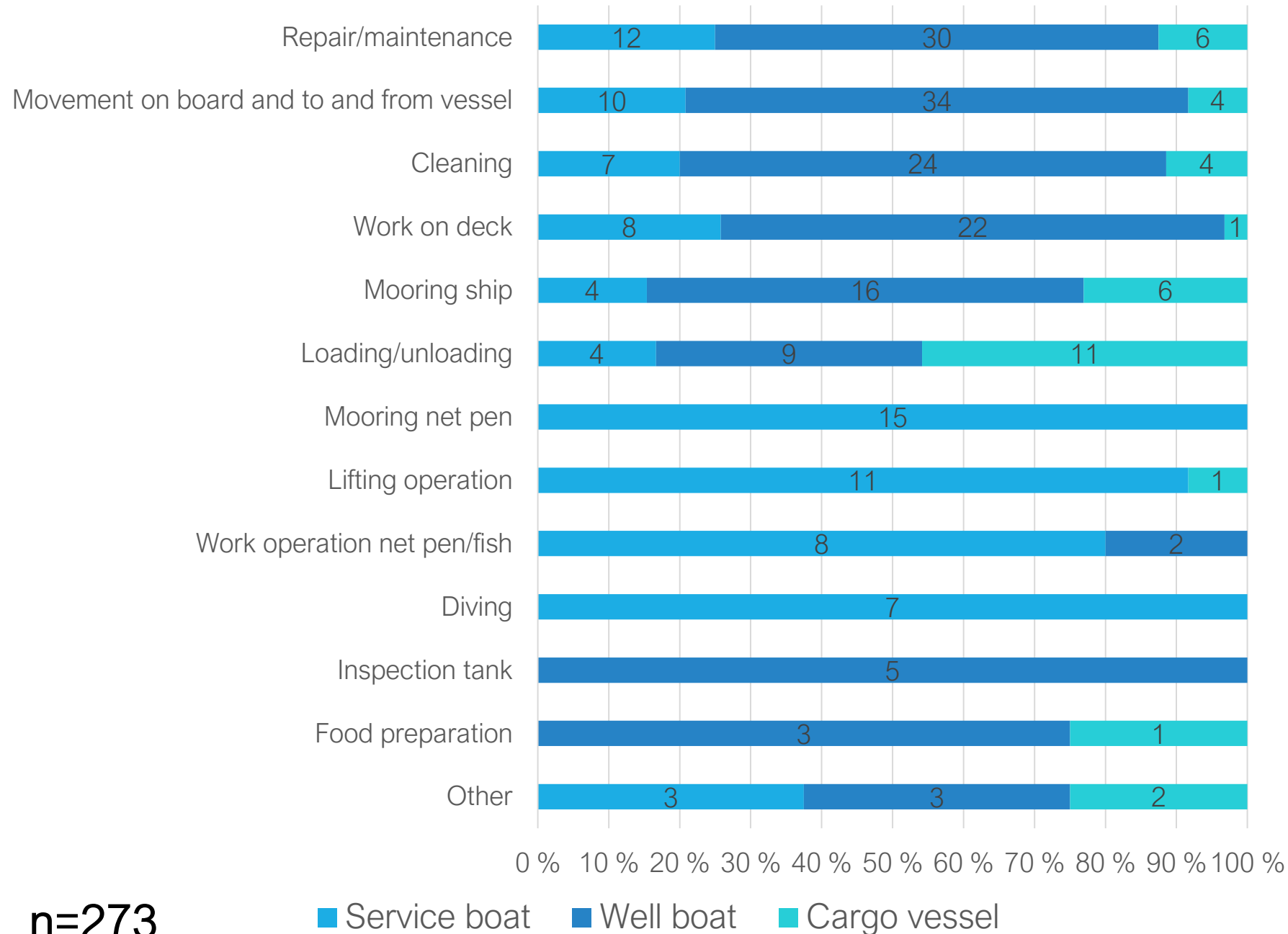
Fall on board



n=273

■ Service vessel ■ Well boat ■ Cargo vessel

Maritime accidents - *Work operation at the time of injury*



Well boats

- General tasks

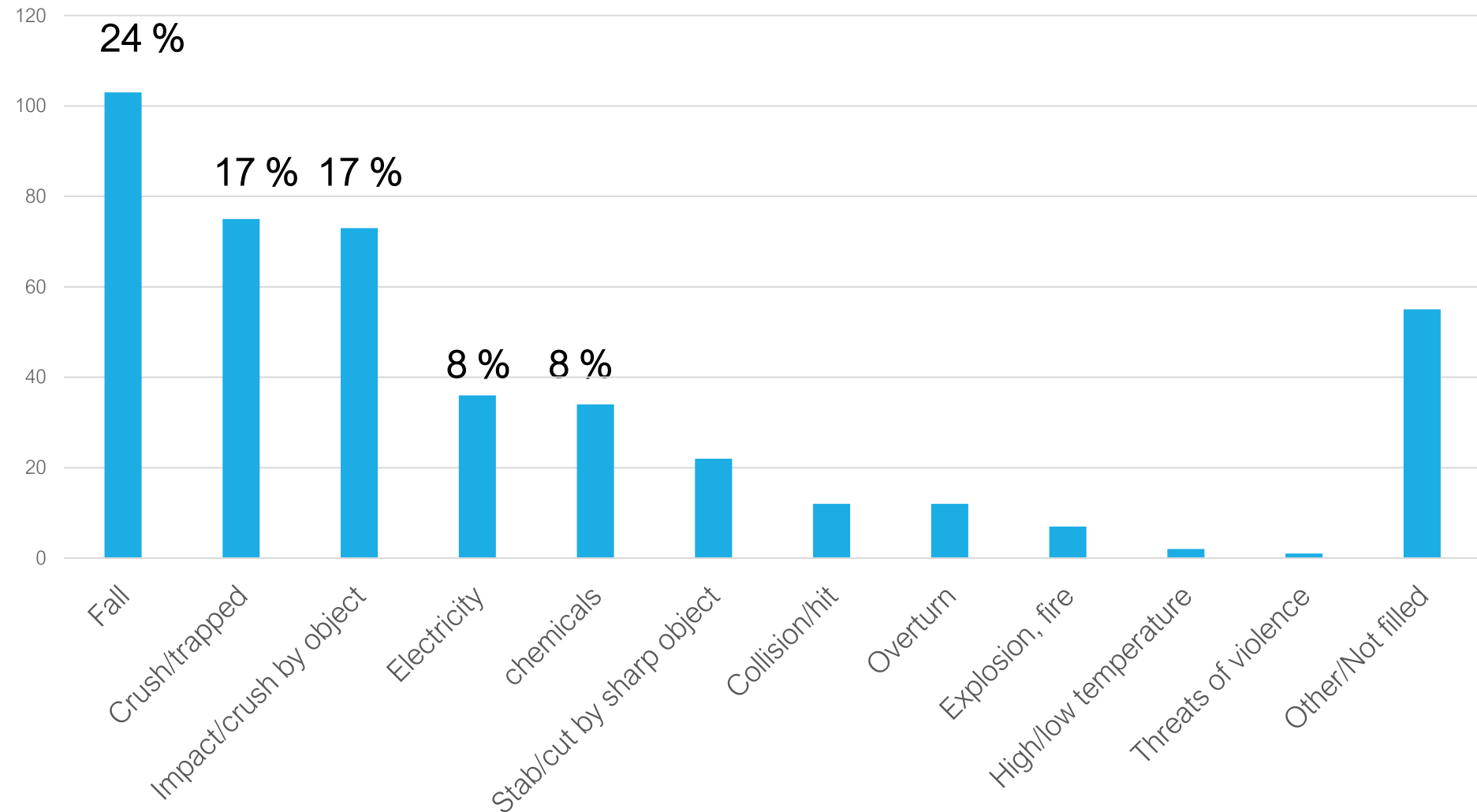
Small cargo vessels

- Loading/unloading

Service vessels

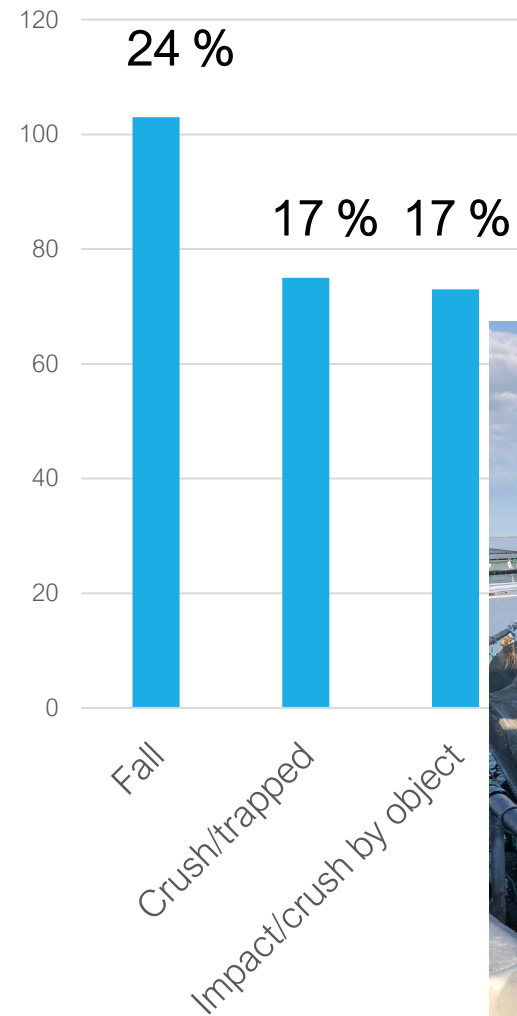
- Lifting operations
- Work operations net pen
- Diving

Fish farm accidents – *accident types*



n=432

Fish farm accidents – *accident types*

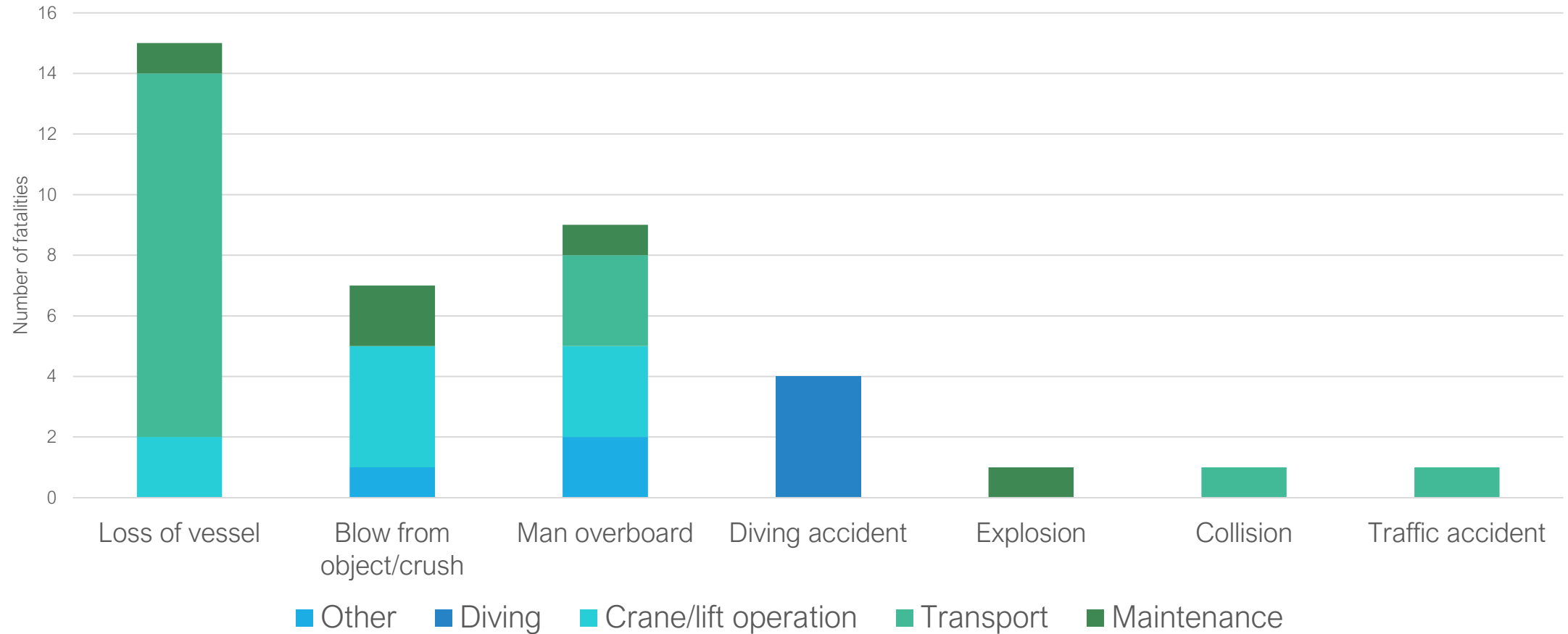


n=432



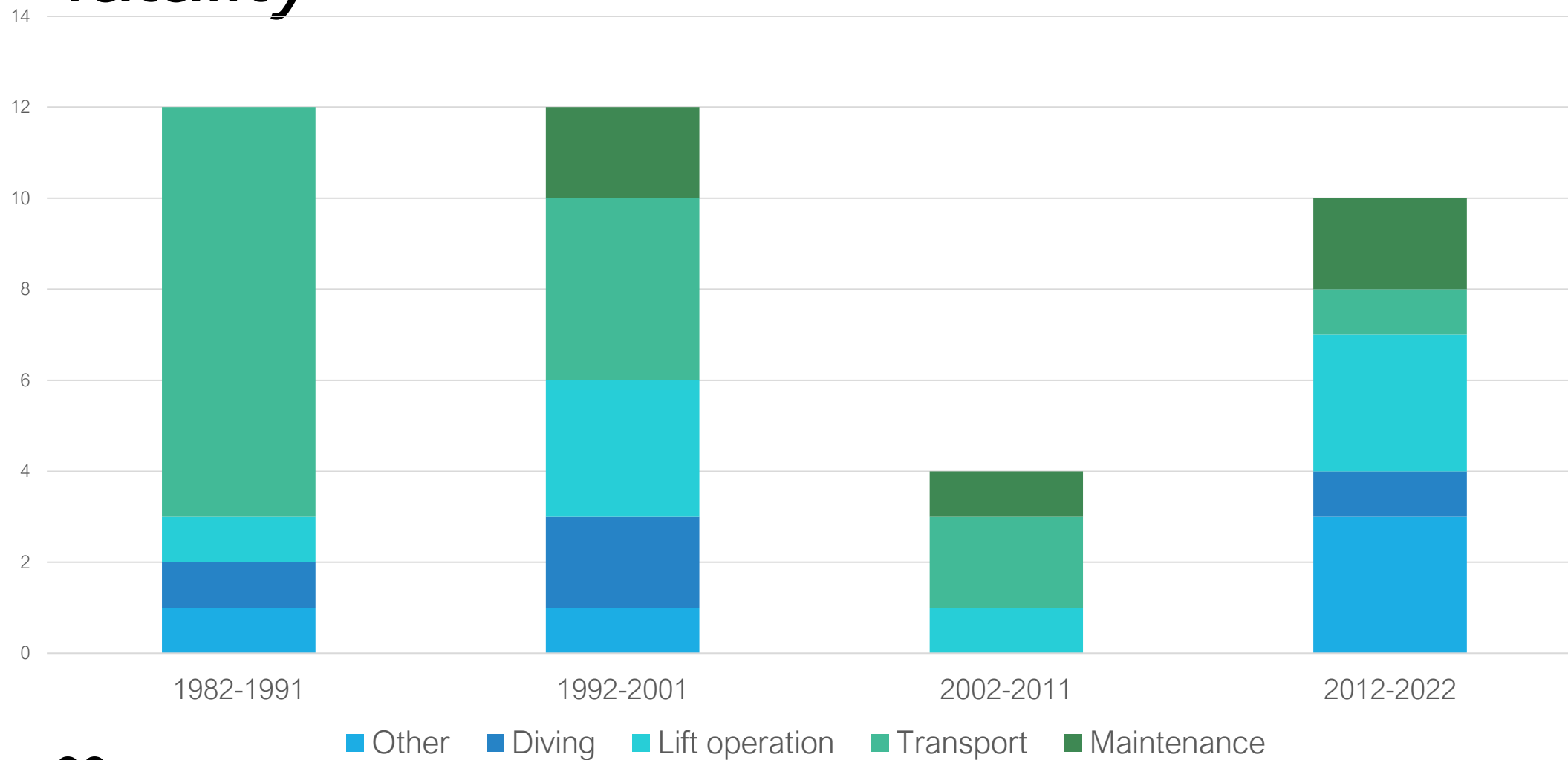
Photos: SINTEF Ocean

Fatalities – *accident types*



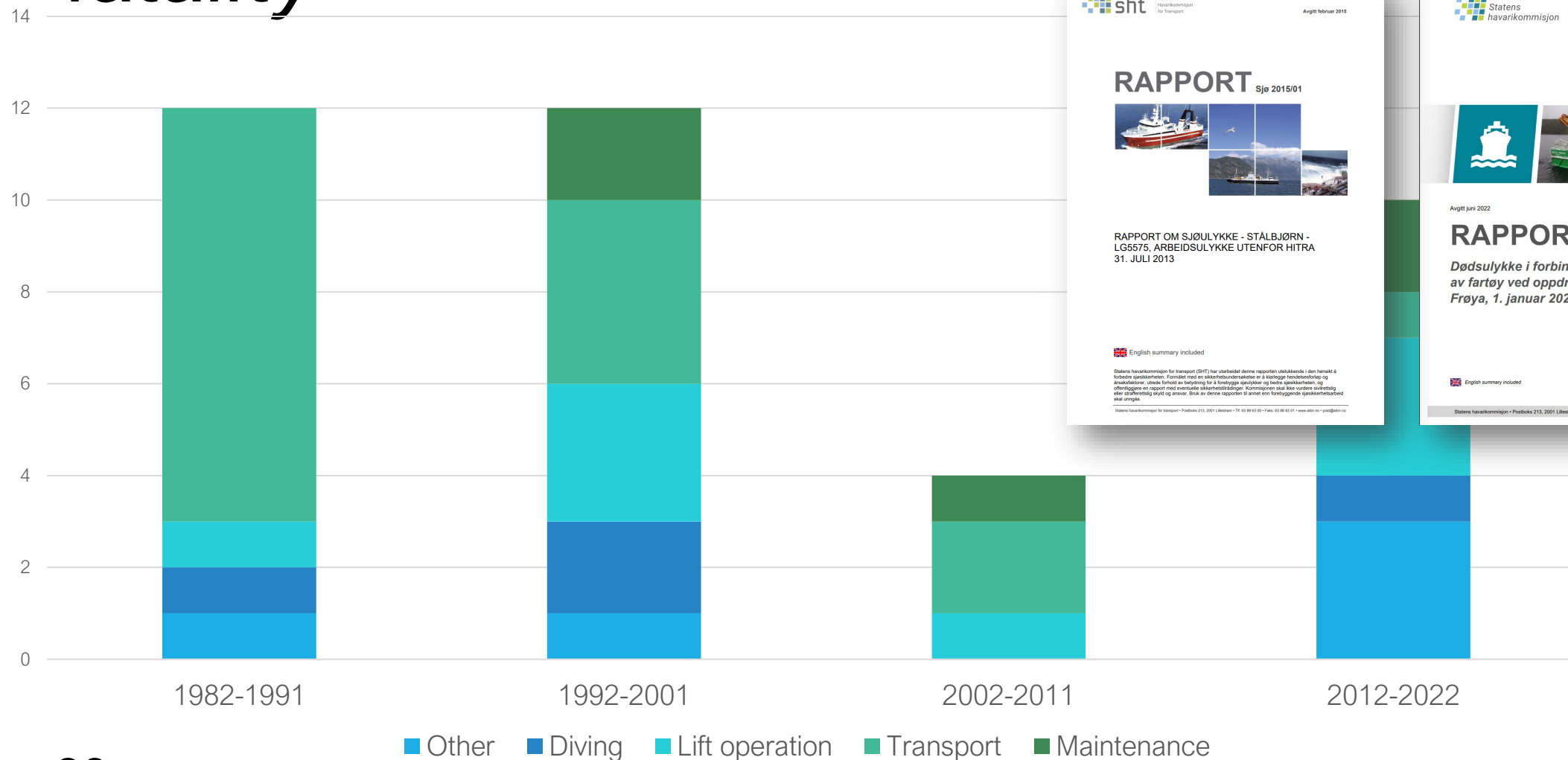
n=38

Fatalities – *Work operation at the time of fatality*



n=38

Fatalities – *Work operation at the time of fatality*

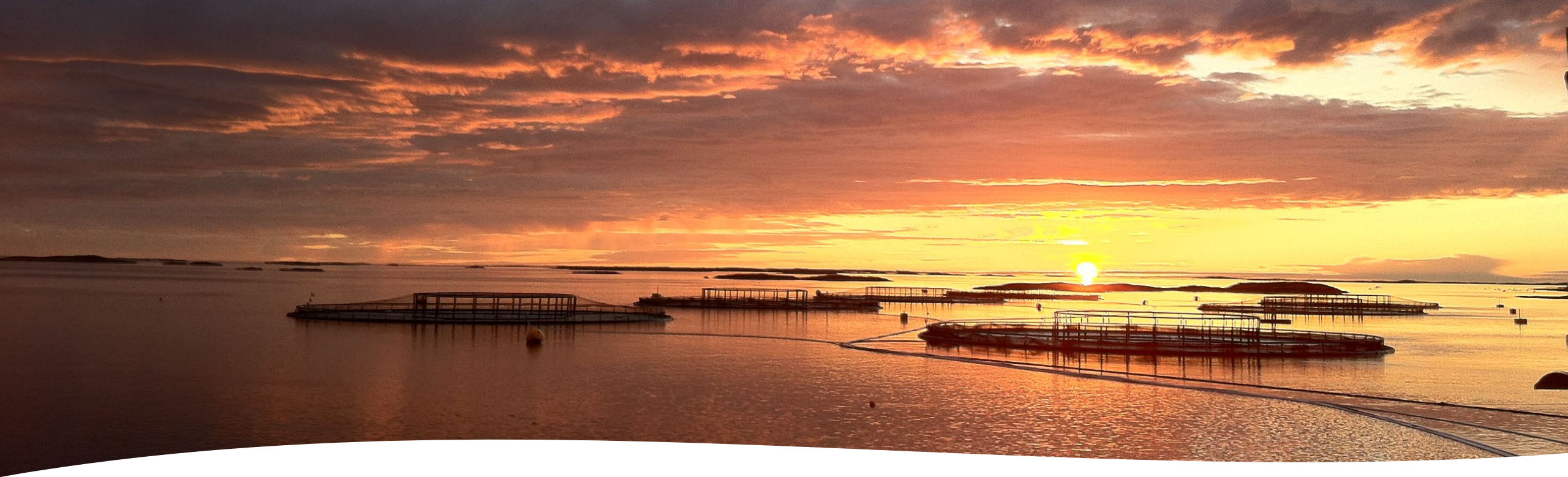


n=38



Summing up

- Three different sources of data
 - Some underreporting expected
- Most common accident types for both fish farm and maritime accidents
 - Fall (on board) and impact/crush/trapped
- Fatalities
 - Before 2000 – transport
 - After 2000 – work operations at fish farms



Funding

Project: HMS i Havbruk (OHS in fish farming – Risk management in different production forms) project number 901801

FHF – Norwegian Seafood Research Fund