



NMSA VANCOUVER
2023 JUNE 27-29 | #NMSA2023

ICHCA

the voice of international
cargo handling

managing significant risk in carrying and handling cargo

28 June 2023

Richard Steele
ICHCA Chief Executive Officer

A word cloud of key concepts in cargo handling, including: risk management, culture, health, learning, safety, values, imagination, intelligence, experience, listening, understanding, hierarchy of controls, and leadership.

- introduction to ICHCA
- port and terminal risks: fatalities research
- fall from height risks





MANAGING SIGNIFICANT RISK IN CARRYING AND HANDLING CARGO

UNDERSTANDING WHERE THE KEY FATALITY RISKS ARE IN THE
CARGO SUPPLY CHAIN IN ORDER TO MANAGE THEM

CAUTION WITH DATA

some places
have more
and/or bigger
ports

some places
have busier
sea lanes

responsibility for
preventing accident
does not necessarily
sit with place where
it happened

some places
have more
challenging
seas

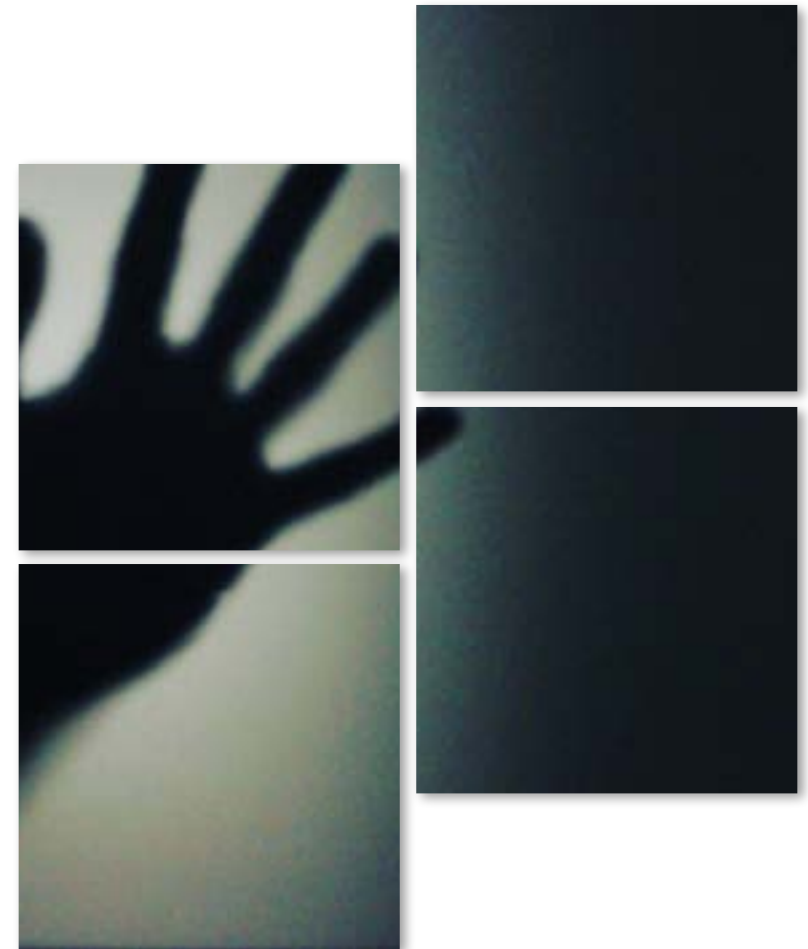
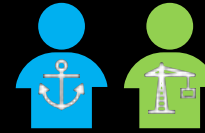
more
international
data available
on maritime
incidents

some
reports
from press
– lacking
inside detail

some
places make
more
information
public

English 1st
language speaker
collected data -
not surprisingly
more English than
other language
reports in dataset



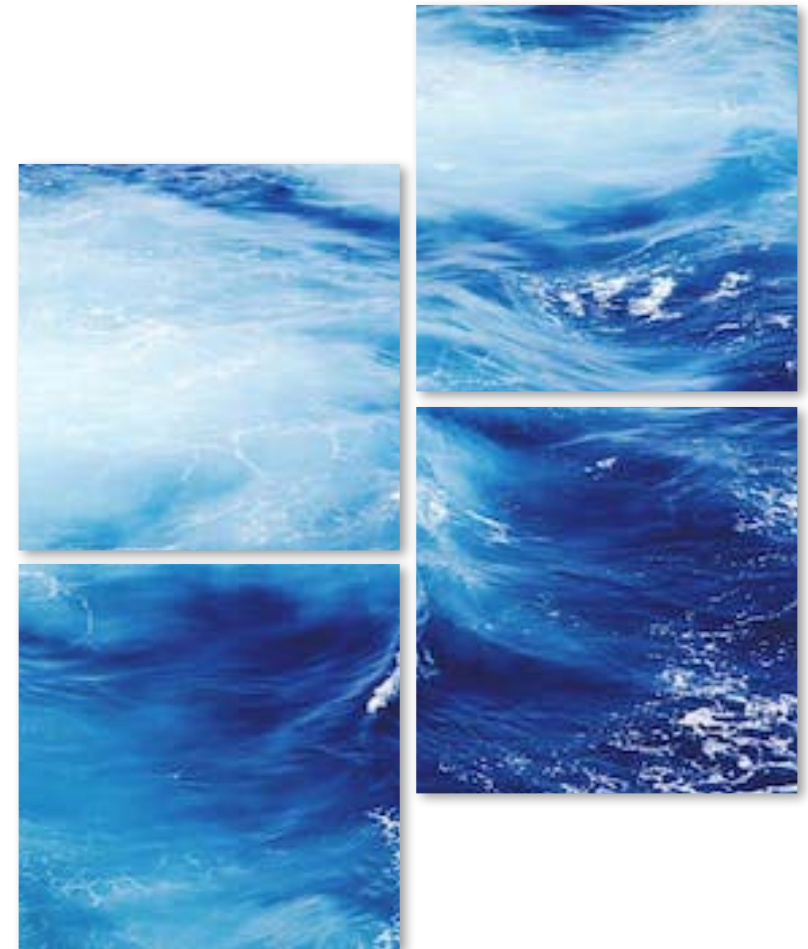
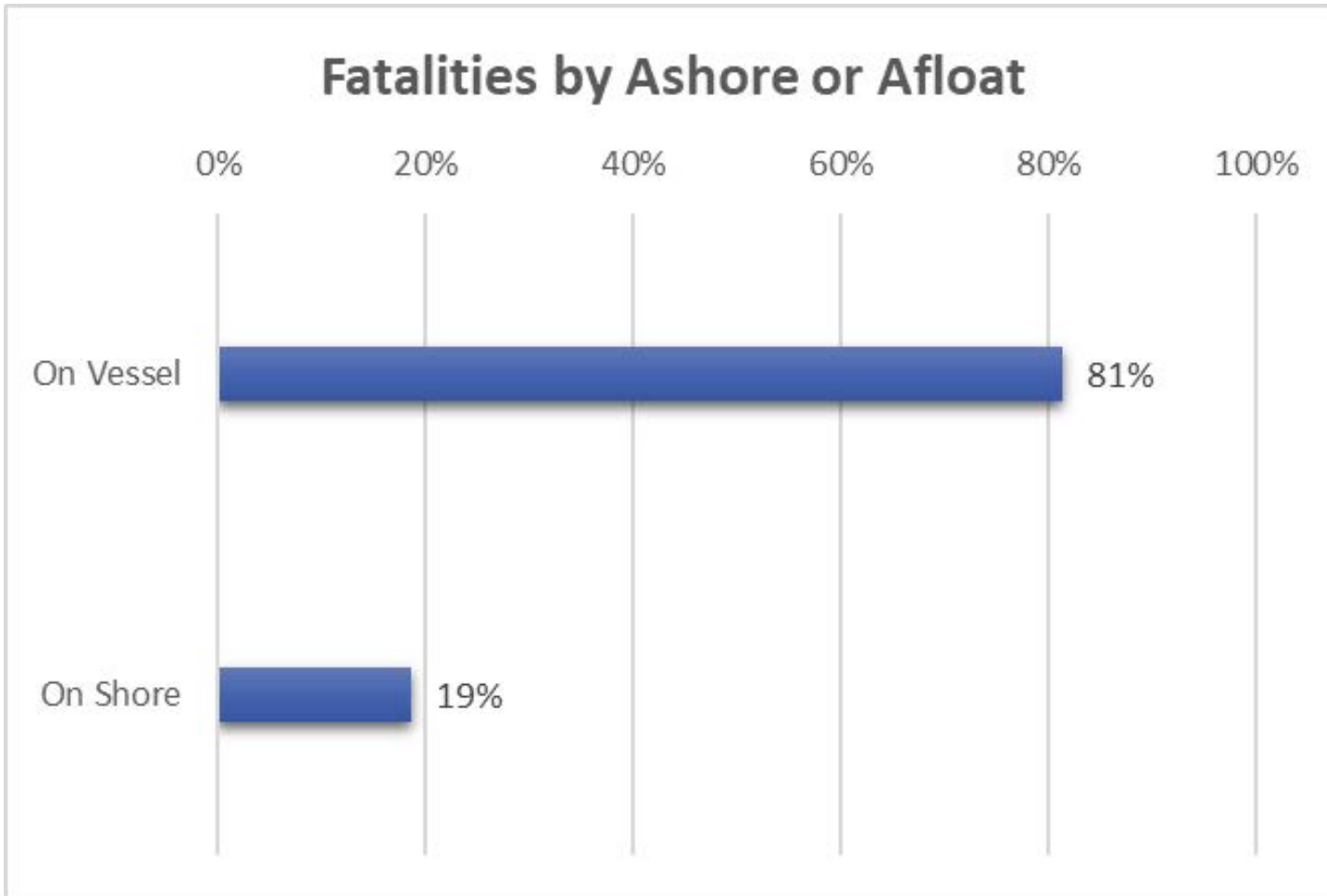
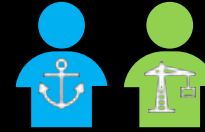


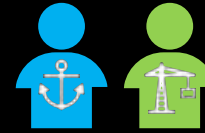
- Antigua & Barbuda Inspection & Investigation Division
- Ardrossan Herald
- Australian Transport Safety Bureau
- Bahamas Maritime Authority
- BBC News
- Belfats Telegraph
- Bermuda Investigator
- Blueoceana
- BSU (MAIB Germany)
- Canadian Wood Pellet Association
- Confidential
- Container News
- Cyprus Marine Accident Investigation Committee
- Denmark
- Dutch Safety board
- Finland Safety Investigation Authority
- FleetMon
- Gcaptain
- Gibraltar Ship Registry
- GISIS (IMO Database)
- Hellenic Bureau For Marine Casualties Investigation
- Hong Kong MAIB
- HSE
- IMO
- Insurance Marine News
- Intercargo
- InterManager
- Isle of Man Ship Registry
- Japan Transport Safety Board
- Liberia
- MAI Hong Kong
- Malta MAIB
- Marine Insight
- Maritime Executive
- Marshall Islands
- MCIB
- Mexico
- National Transport Safety Board
- Nautical institute
- New Zealand The Transport Accident Investigation Commission
- Norway AIBN
- Norwegian Safety Investigation Authority
- Offshore Energy
- OSHA
- Panama MAIB
- Port Skills and Safety
- Port Technology
- RMI
- Safety4Sea
- Ships and Ports
- Ships&Ports
- South China Moring Post
- Swedish Accident Investigation Authority
- SWZ Maritime
- The Maritime Executive
- The Swedish Club
- Transport Malta Marine Safety Investigation Unit
- Transport Safety Investigation Bureau
- Ministry of Transport Singapore
- UK MAIB
- upstream online
- US Coast guard
- Vessel Tracker
- Wood pellet Association of Canada



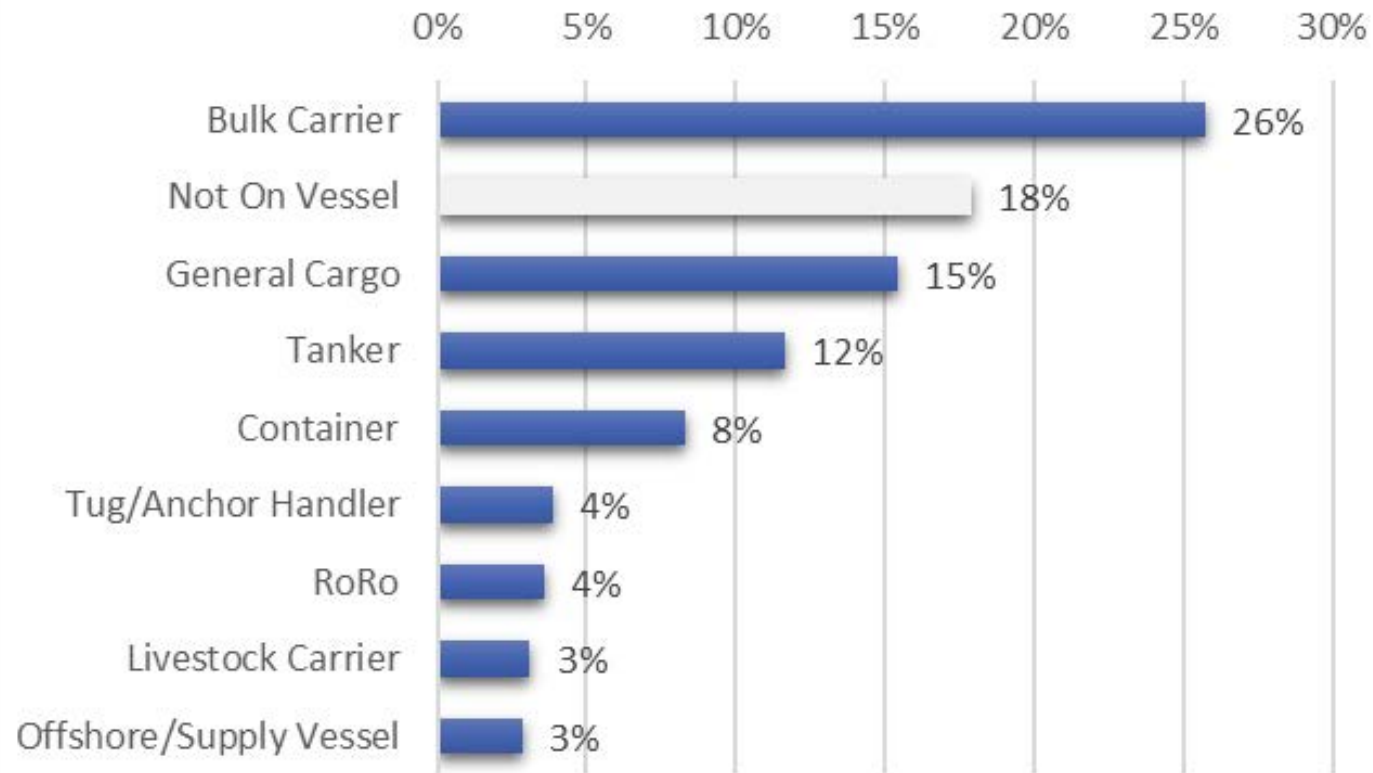
FATAL ACCIDENT LOCATIONS





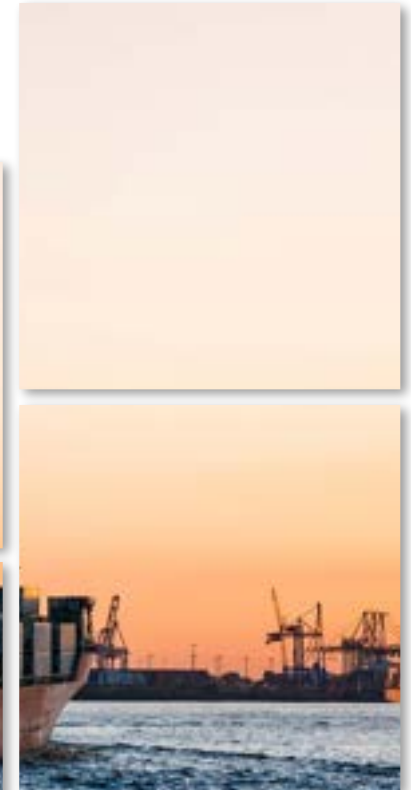
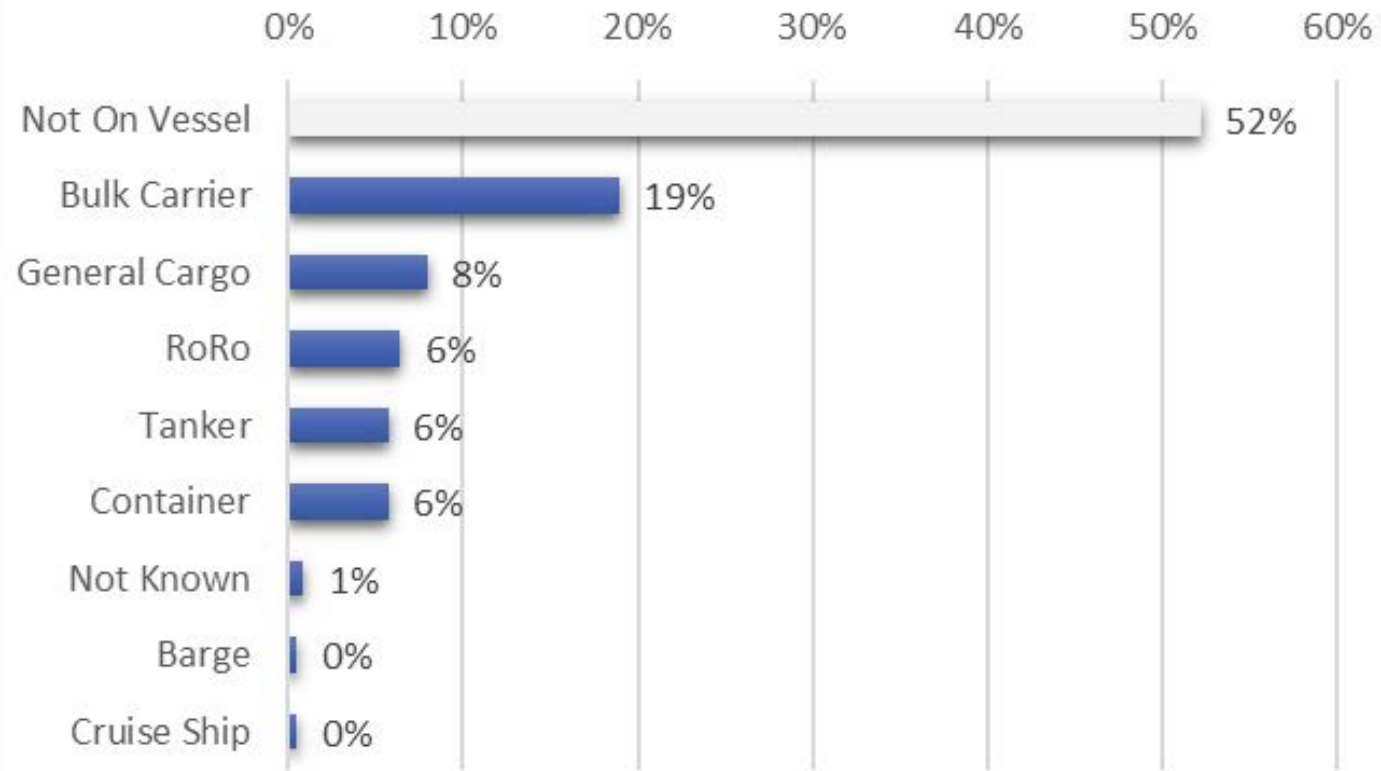


All Fatals by Vessel Type (Top 9)



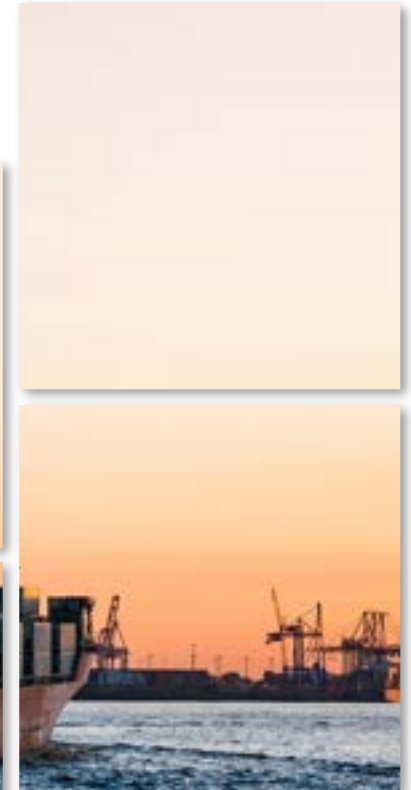
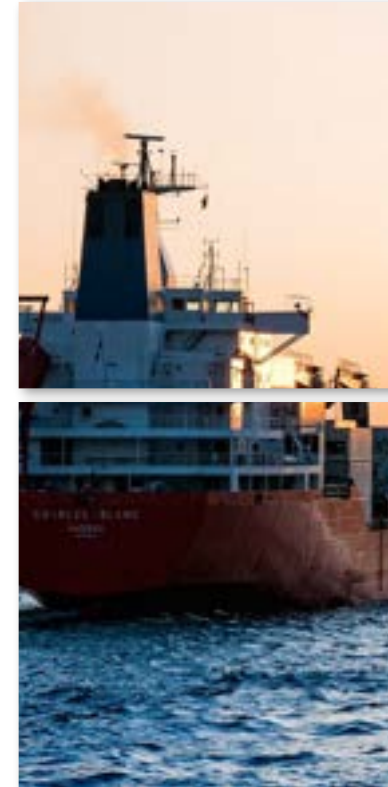
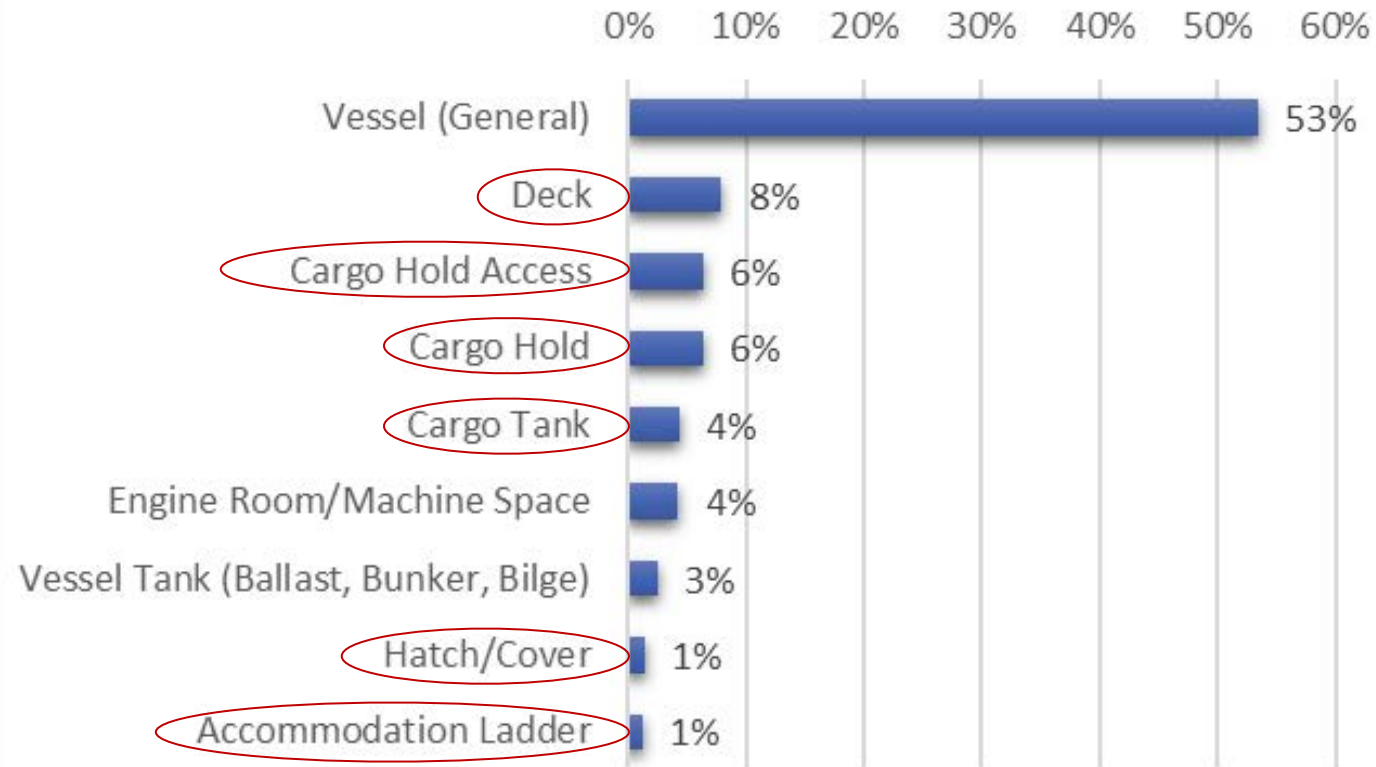


Shore Worker Fatal/Vessel Type (Top 9)



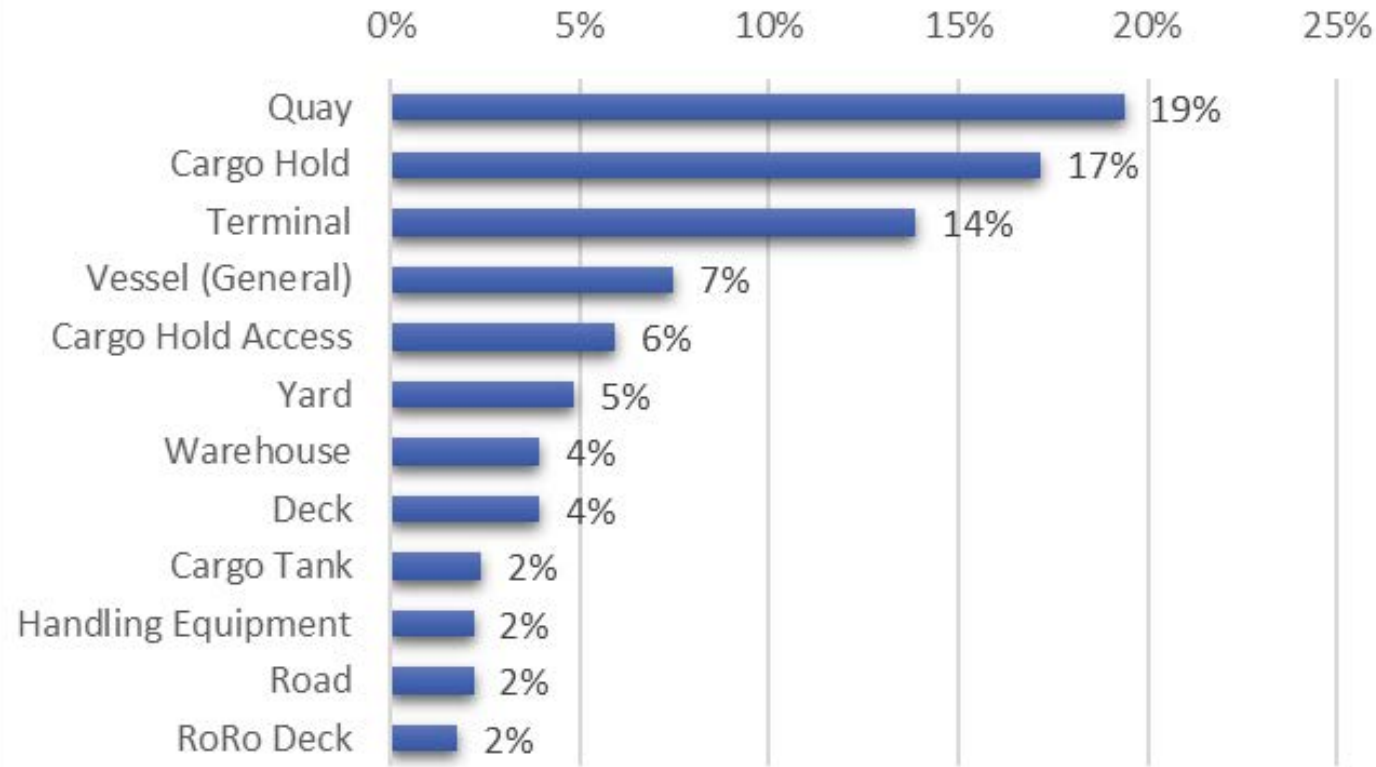


Crew Fatality Locations (Top 9)



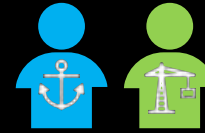


Shore Worker Fatality Locations (Top 12)

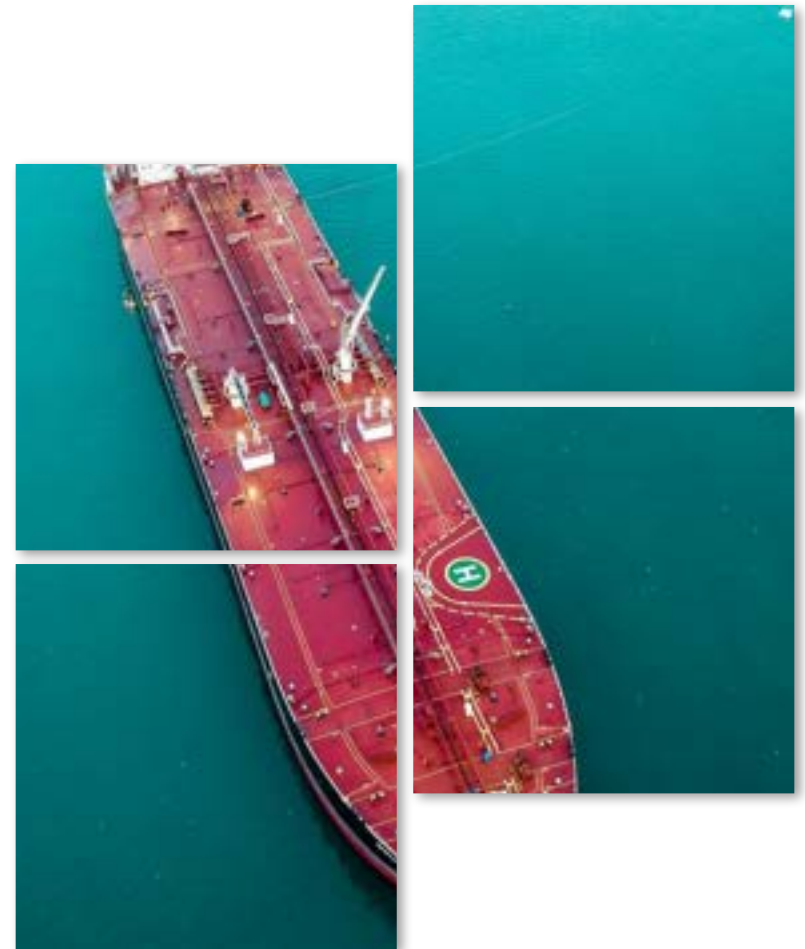
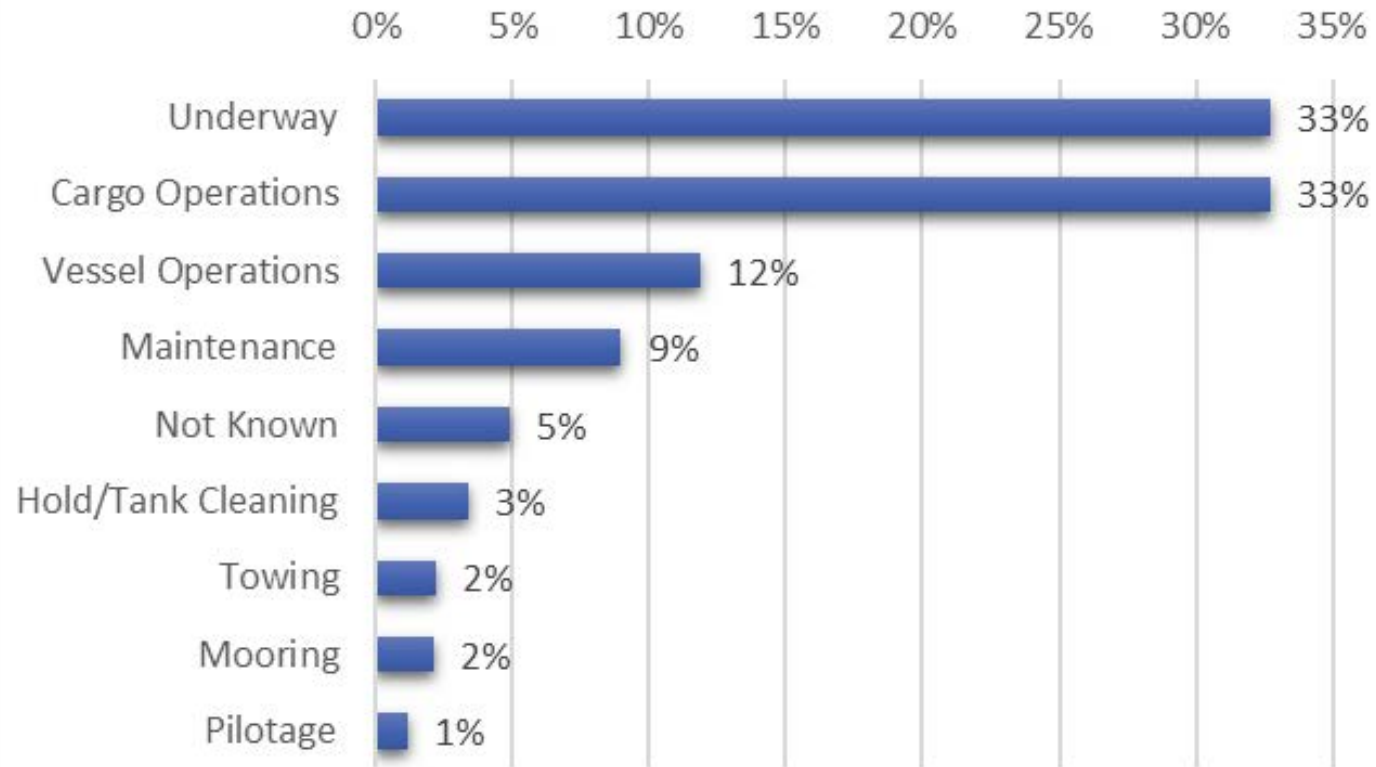


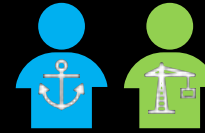
FATAL ACCIDENTS BY ACTIVITY AND CARGO



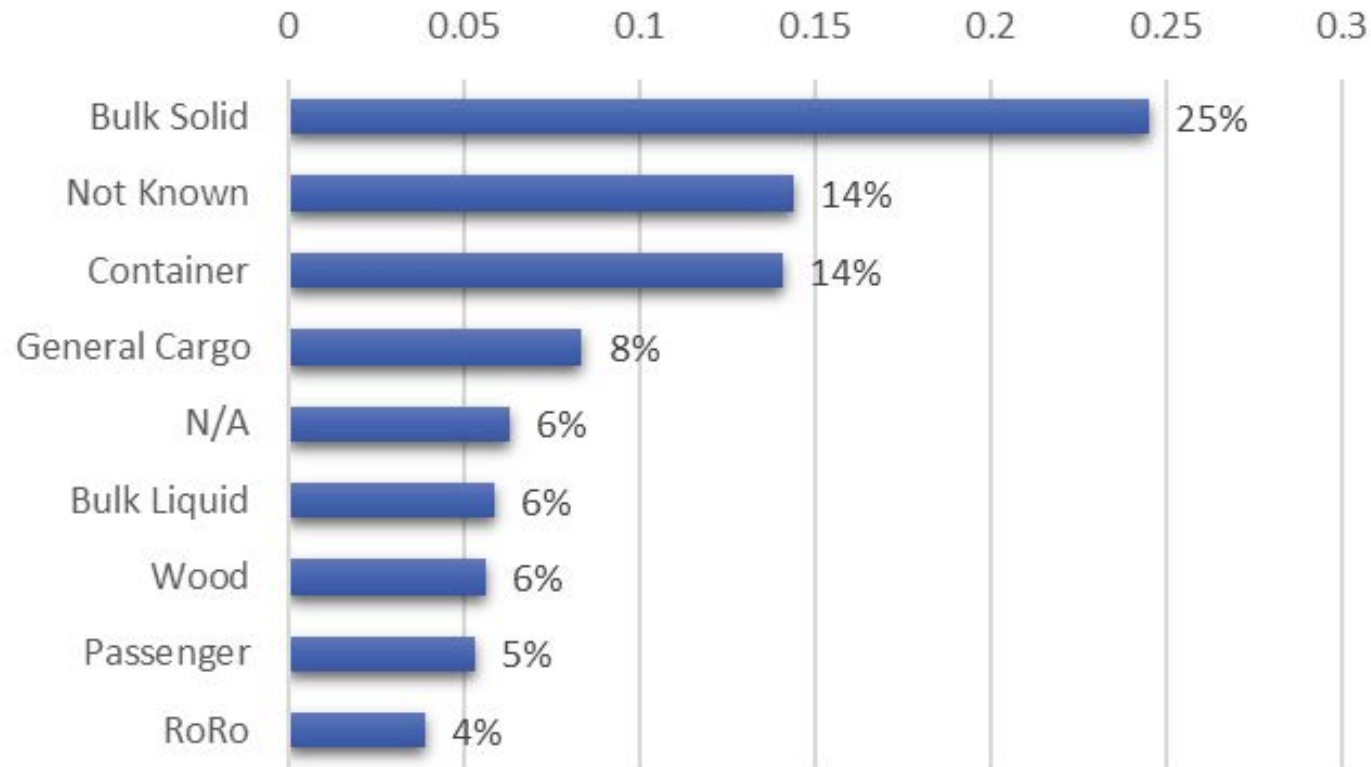


Fatalities by Activity (Top 9)



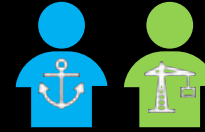


Fatalities by Cargo Type (Top 9)

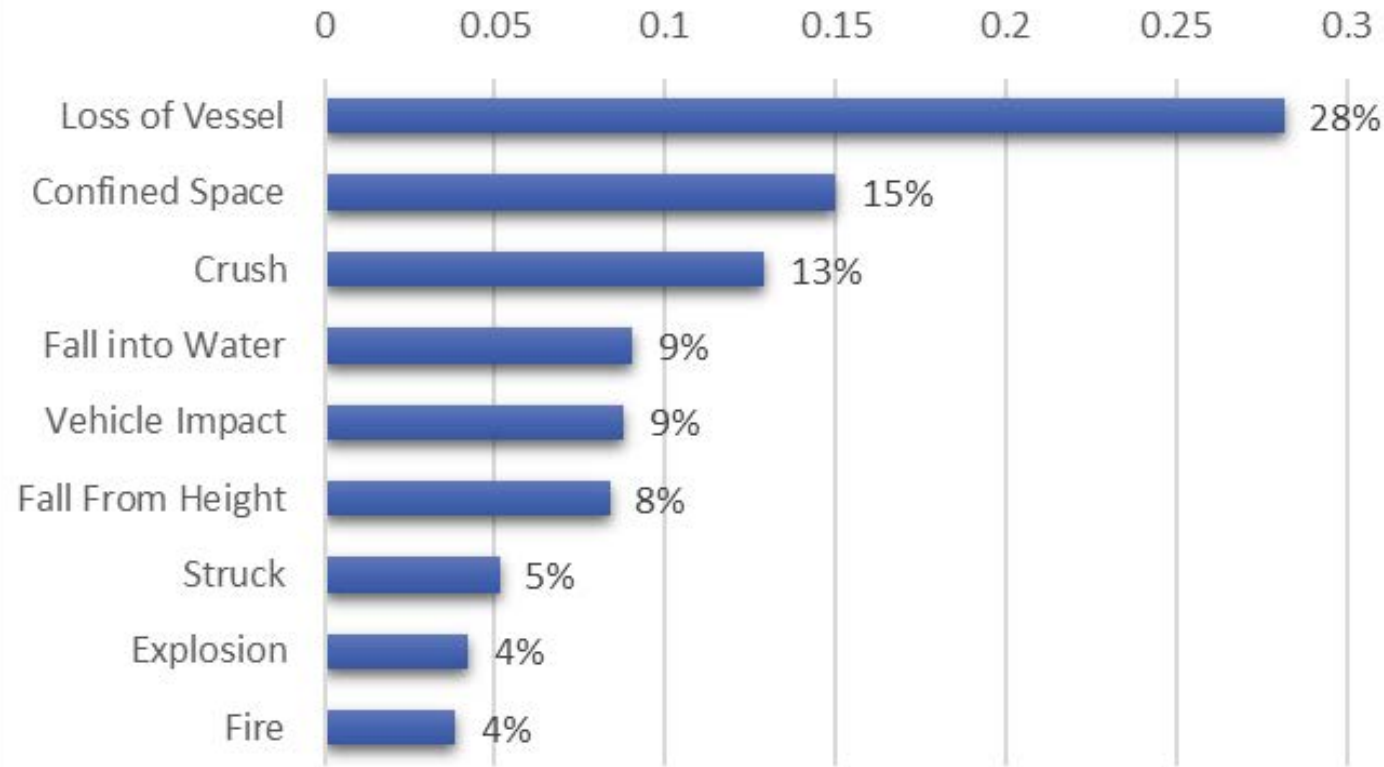


FATAL ACCIDENTS BY PRESENTING CAUSE



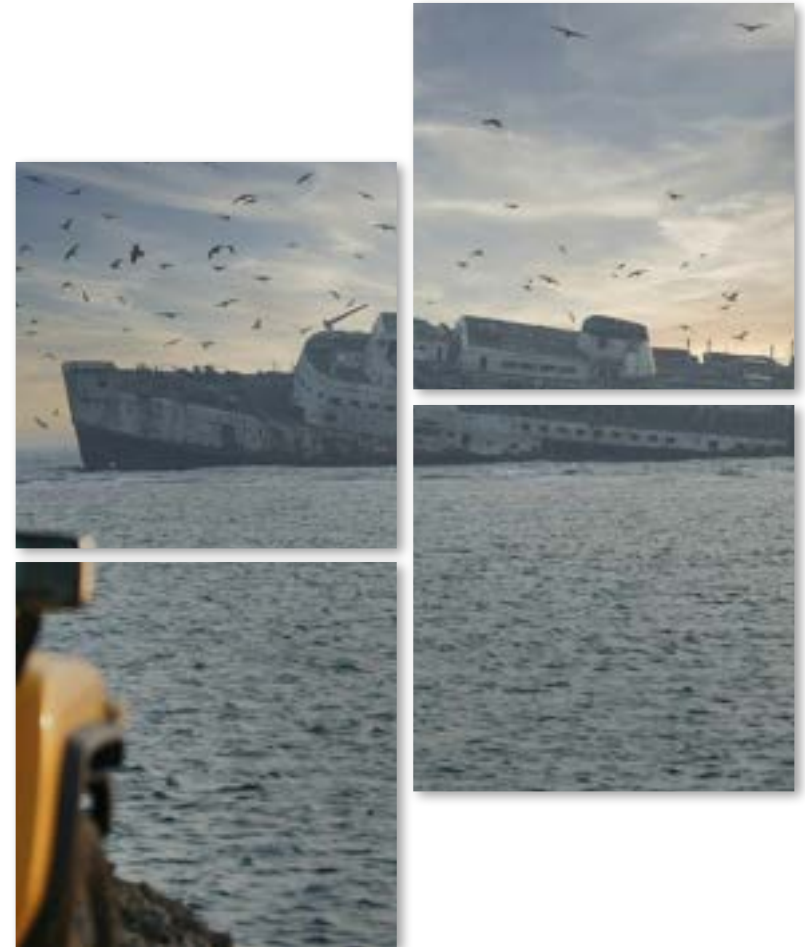
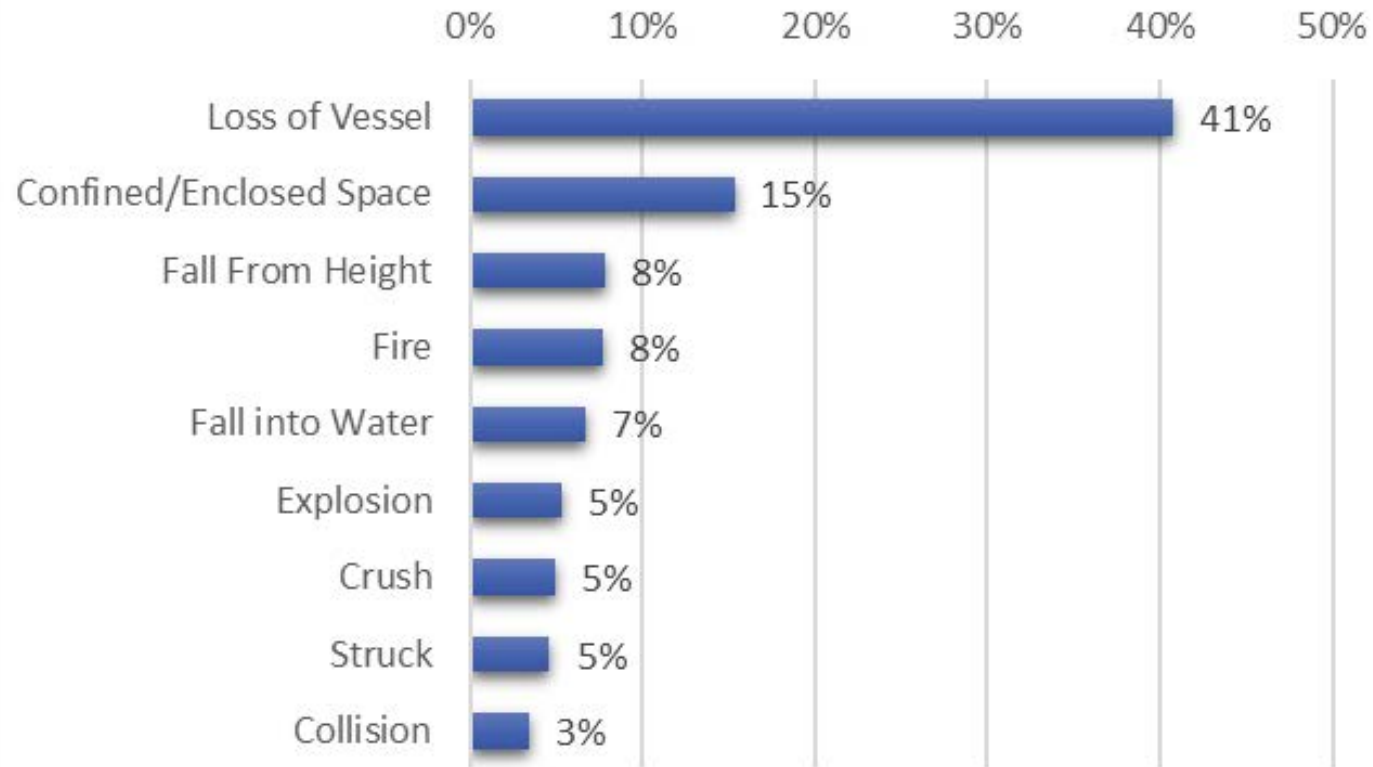


Fatalities by Cause (Top 9)



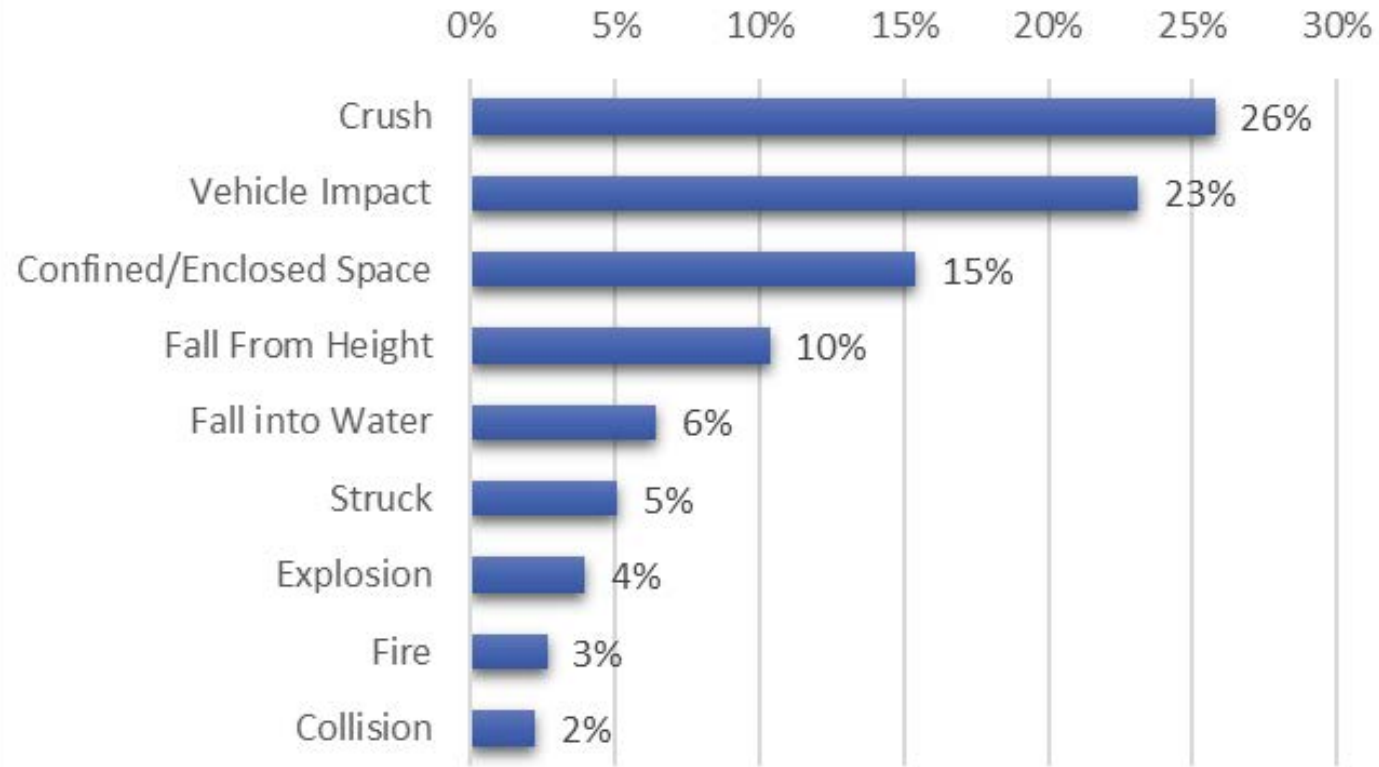


Crew Fatalities by Cause (Top 9)





Shore Worker Fatalities by Cause (Top 9)



FATAL ACCIDENT RISKS DATASET

SUMMARY



* excluding vessel (general)



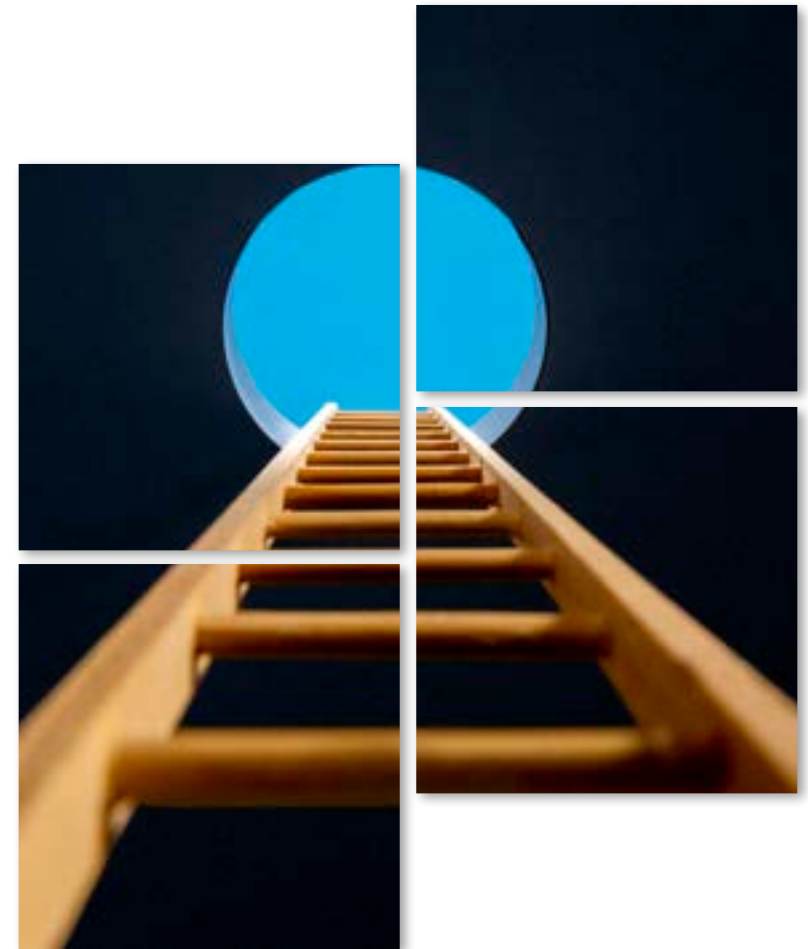
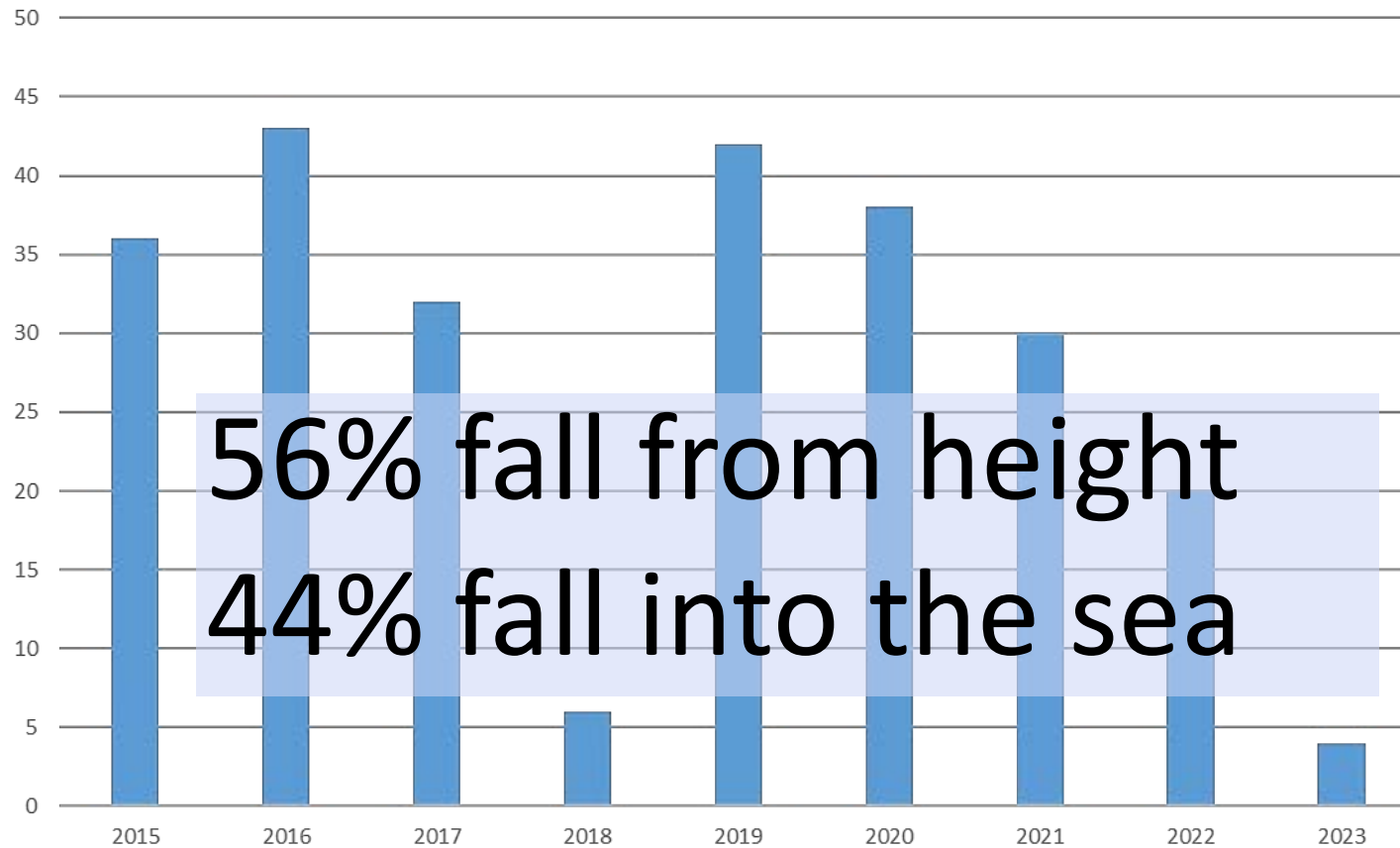


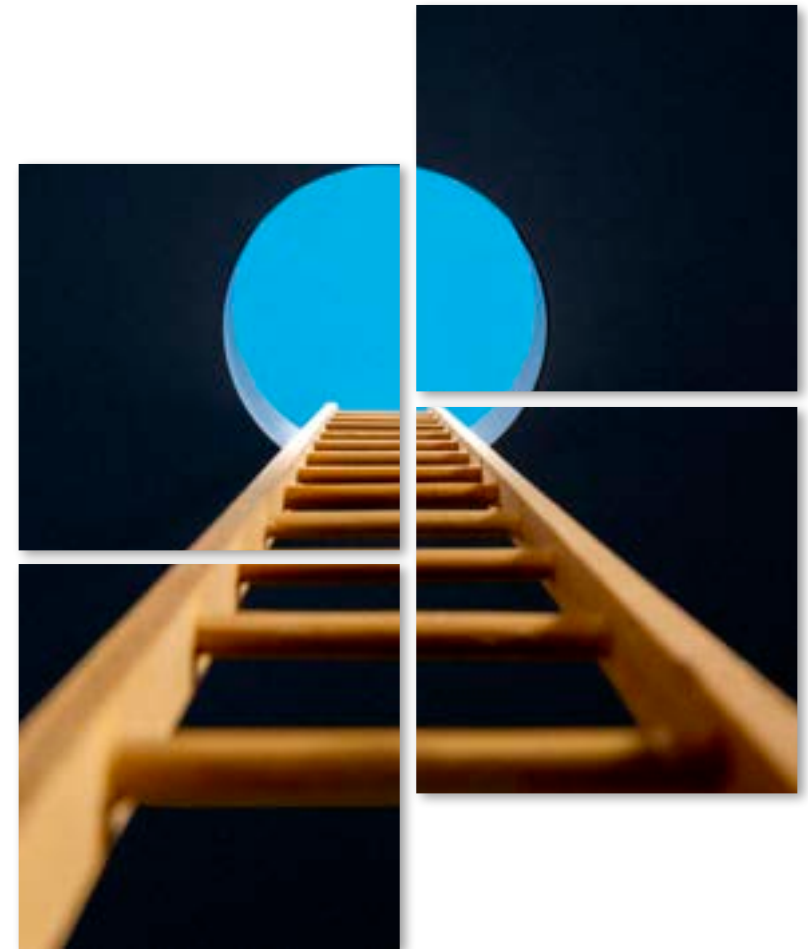
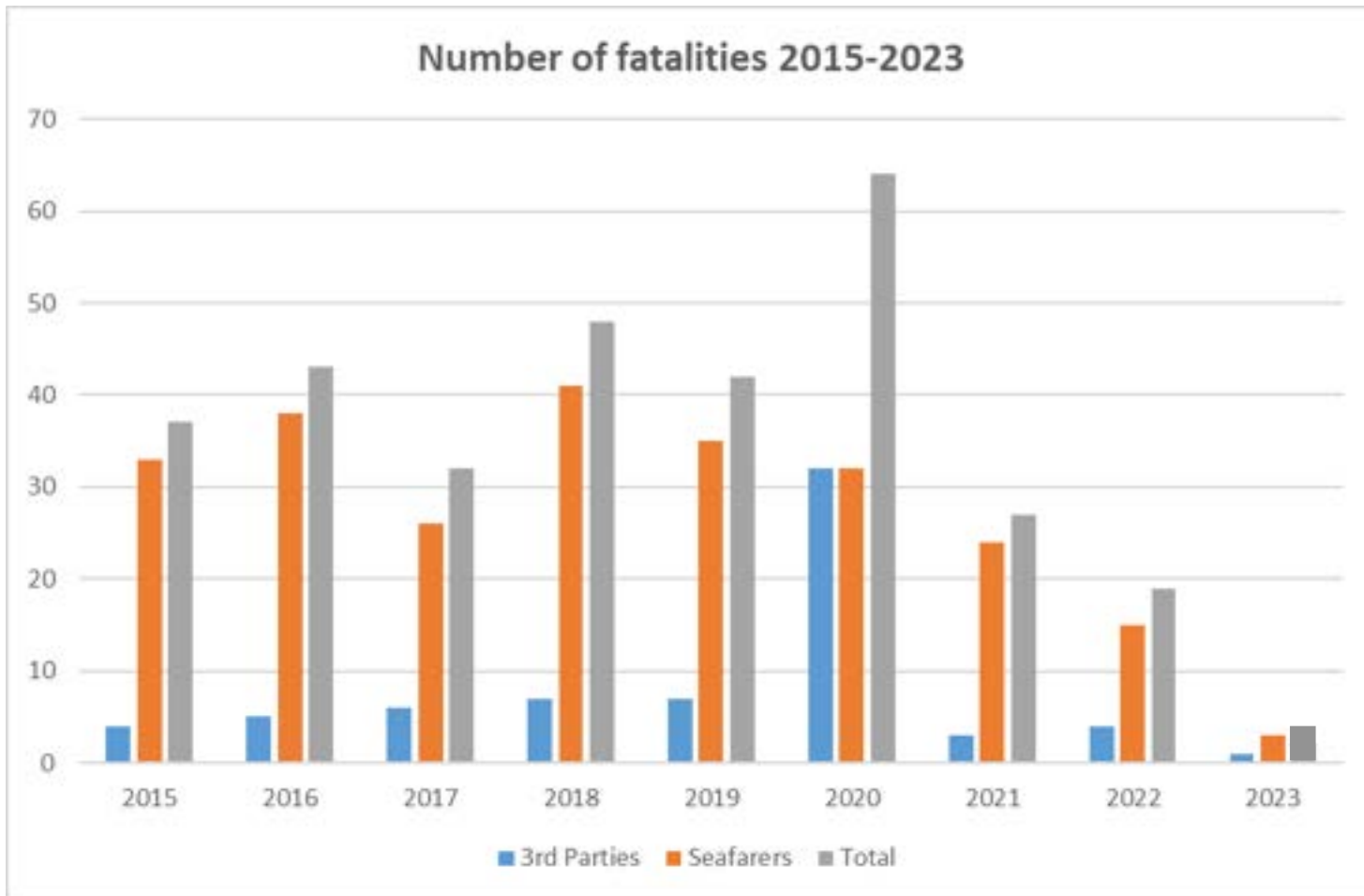
FALL FROM HEIGHT FATALITY RISK IMO GISIS DATA

MANAGING RISKS ASSOCIATED WITH FALL FROM HEIGHT

RESEARCH BY INTERMANAGER

Fall Accidents 2015 - 2023

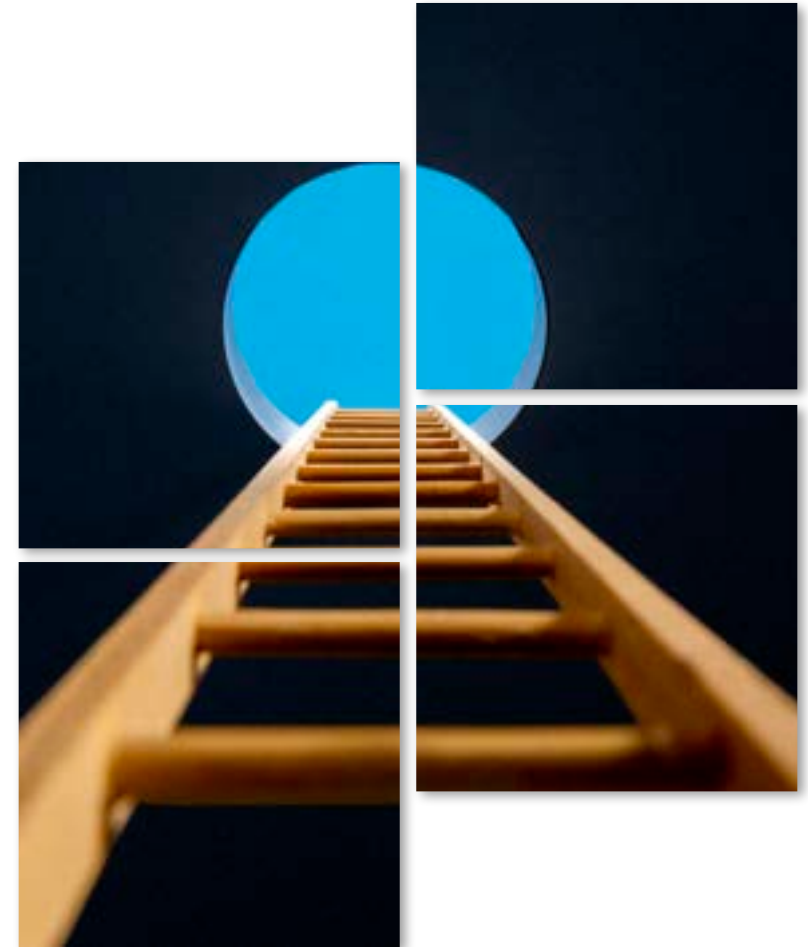
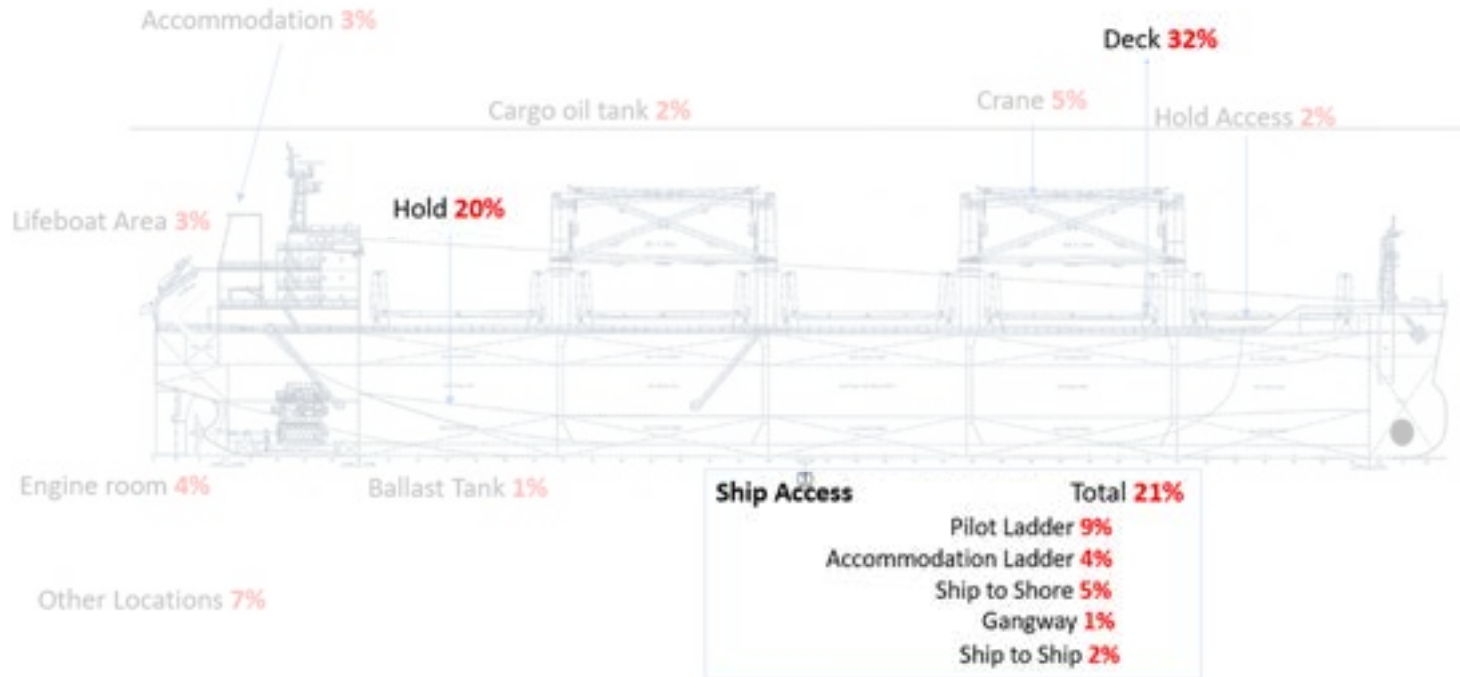


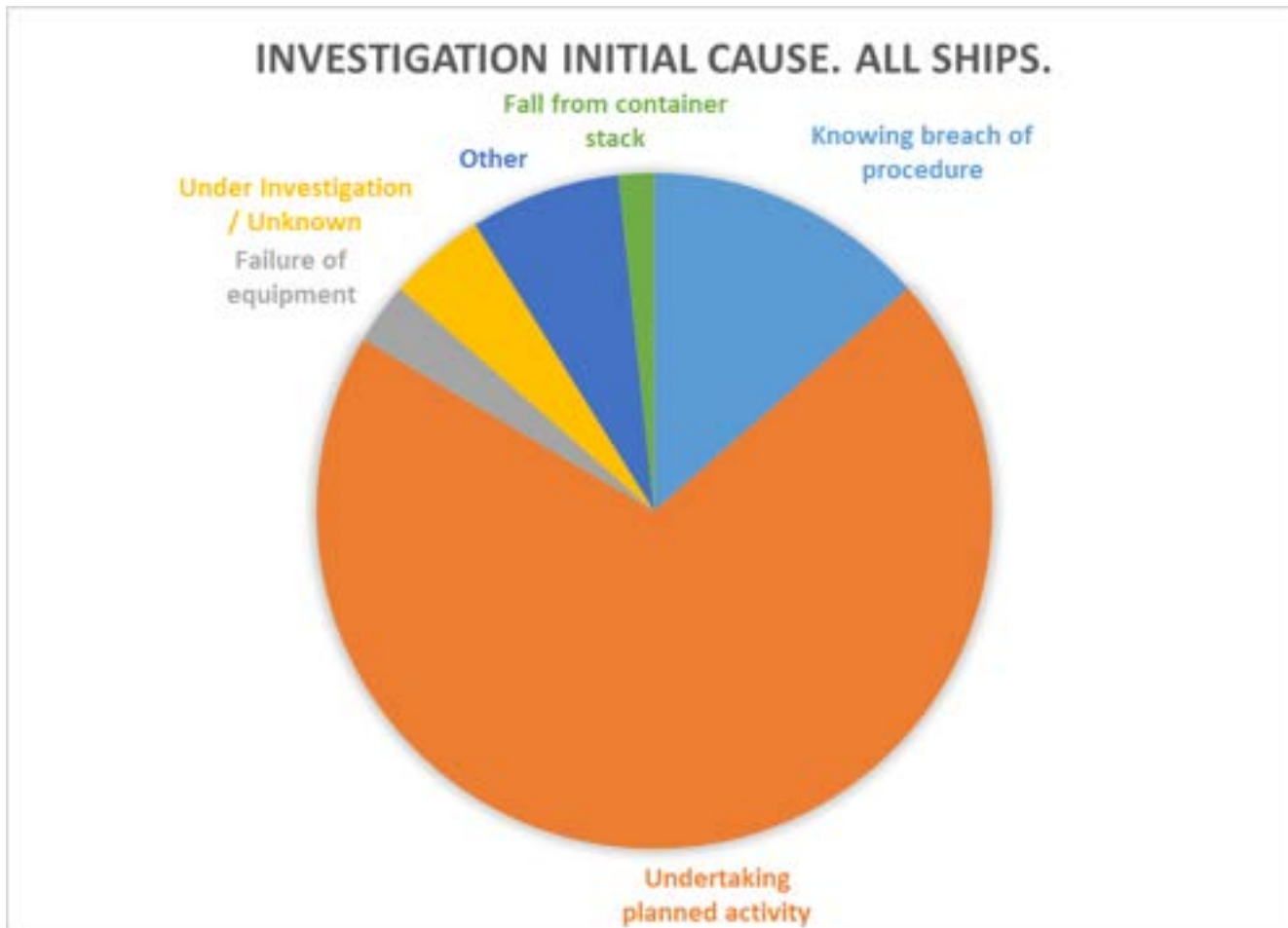


on ships only

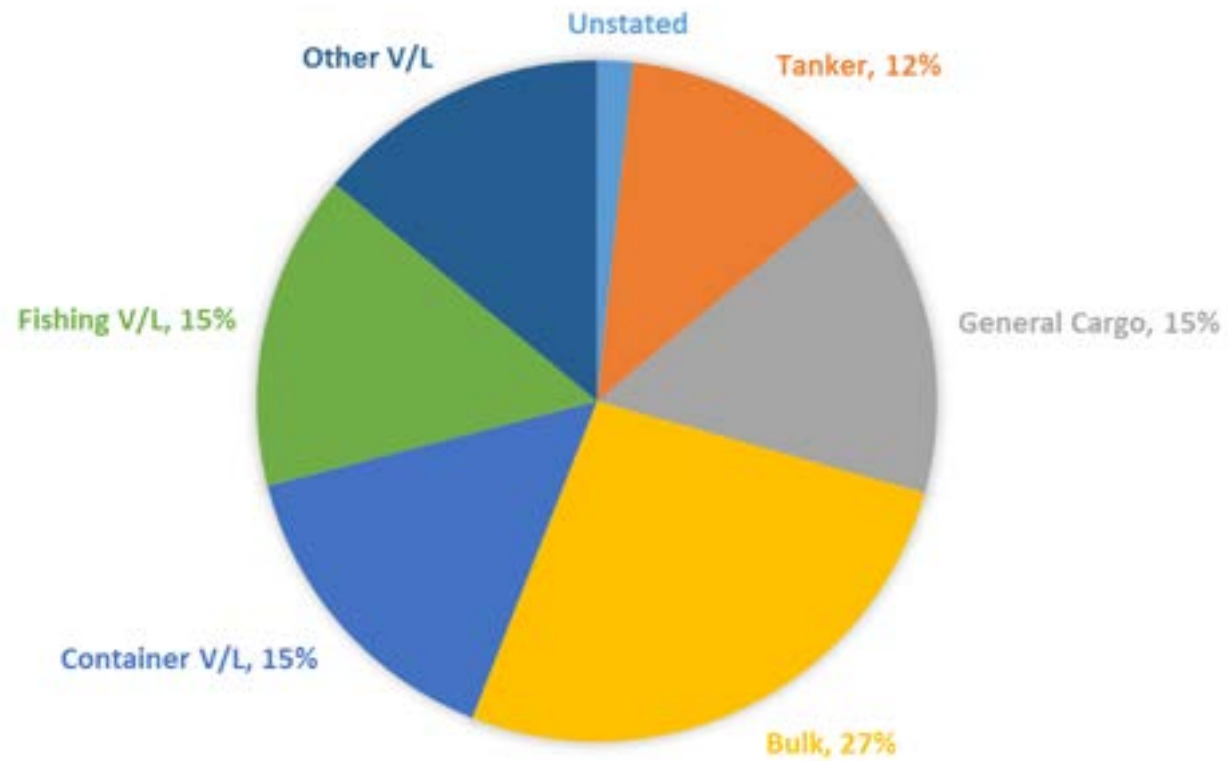


**Where fall accidents happen all ship types
2015 to 2023**





SHIP TYPE 2015 TO 2023



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SAFETY ALLIANCE

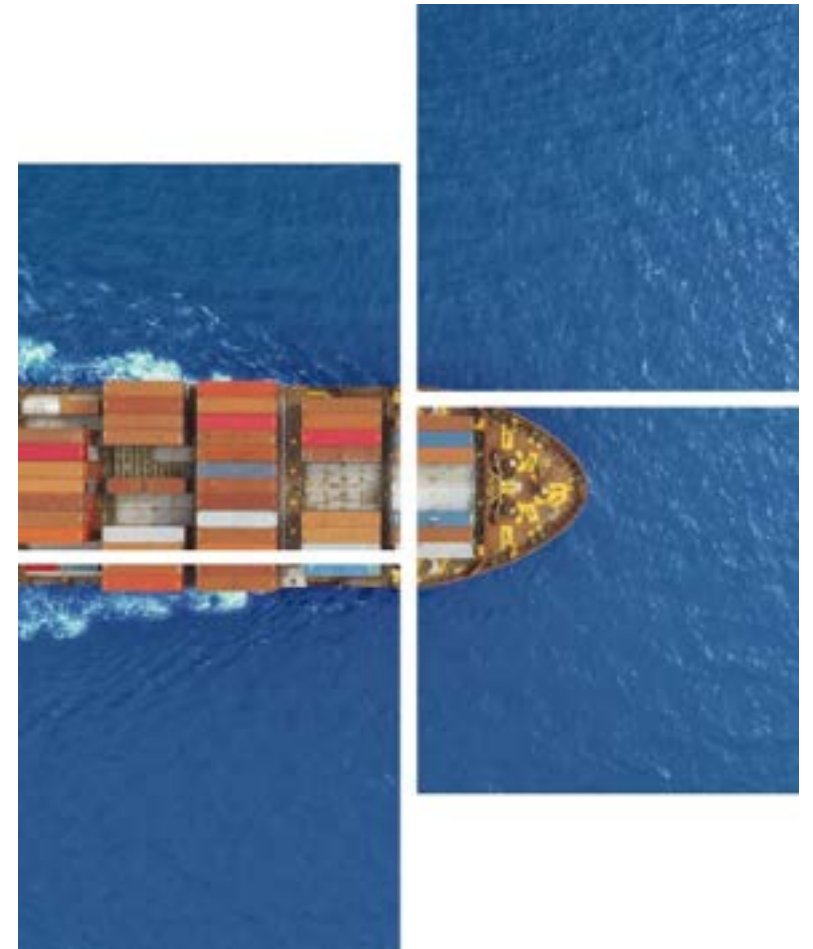
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CARGO SUPPLY CHAIN IN ORDER TO MANAGE THEM



we are more effective working
together

cargo handling **thought leadership**

address today's problems, but also
look at tomorrow's challenges,
continuously raising standards





THANK YOU



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