

HAND AND FINGER INJURIES

The hand and finger consist of 27 bones, ligaments, muscles, nerves, tendons, blood vessels, skin and nails. The analyses of MSRI hand and finger injuries yielded very similar results and therefore will be presented as “Hand and Finger Injuries”.

Figure 3 presents a breakdown of the task being performed during hand and finger injuries. Almost 50% of the injuries fall under the “Other” category which includes the following tasks; cargo operations, crane operations, gangway/pilot operations, towing, anchor handling and safety drills. The next most hazardous task is Maintenance tasks (20%), followed by Material Handling (9%), and Mooring (8%).

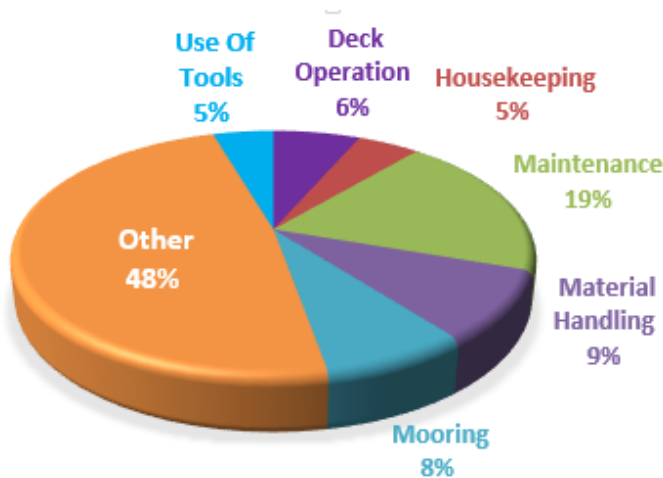


Figure 3. Hand and Finger Injuries based on the Task Performed.

There was a discrepancy in the area on the vessel where the hand/finger injury occurred. Figure 4 demonstrates hand injuries based on location on the vessel. It is clear that the deck (40%) and engine room (25%) are the most hazardous locations on the vessel for hand injuries.

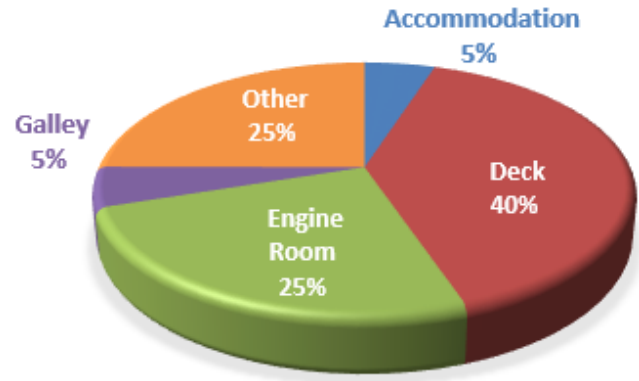


Figure 4. Hand Injuries based on the Location on the Vessel

Finger injuries showed an even split between injuries occurring on the deck (32%) and engine room (33%) as shown in Figure 5.

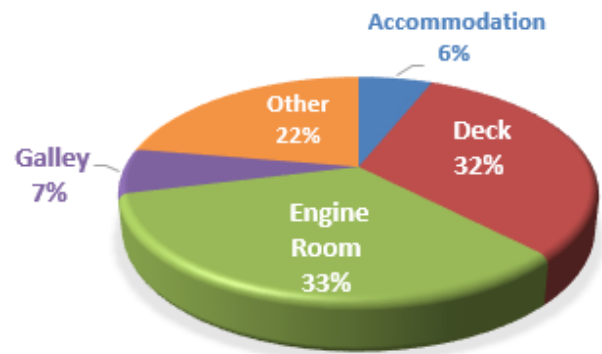


Figure 5. Finger Injuries based on Location on the Vessel