



UPLOADS

Understanding and Preventing Led Outdoor Accidents Data System



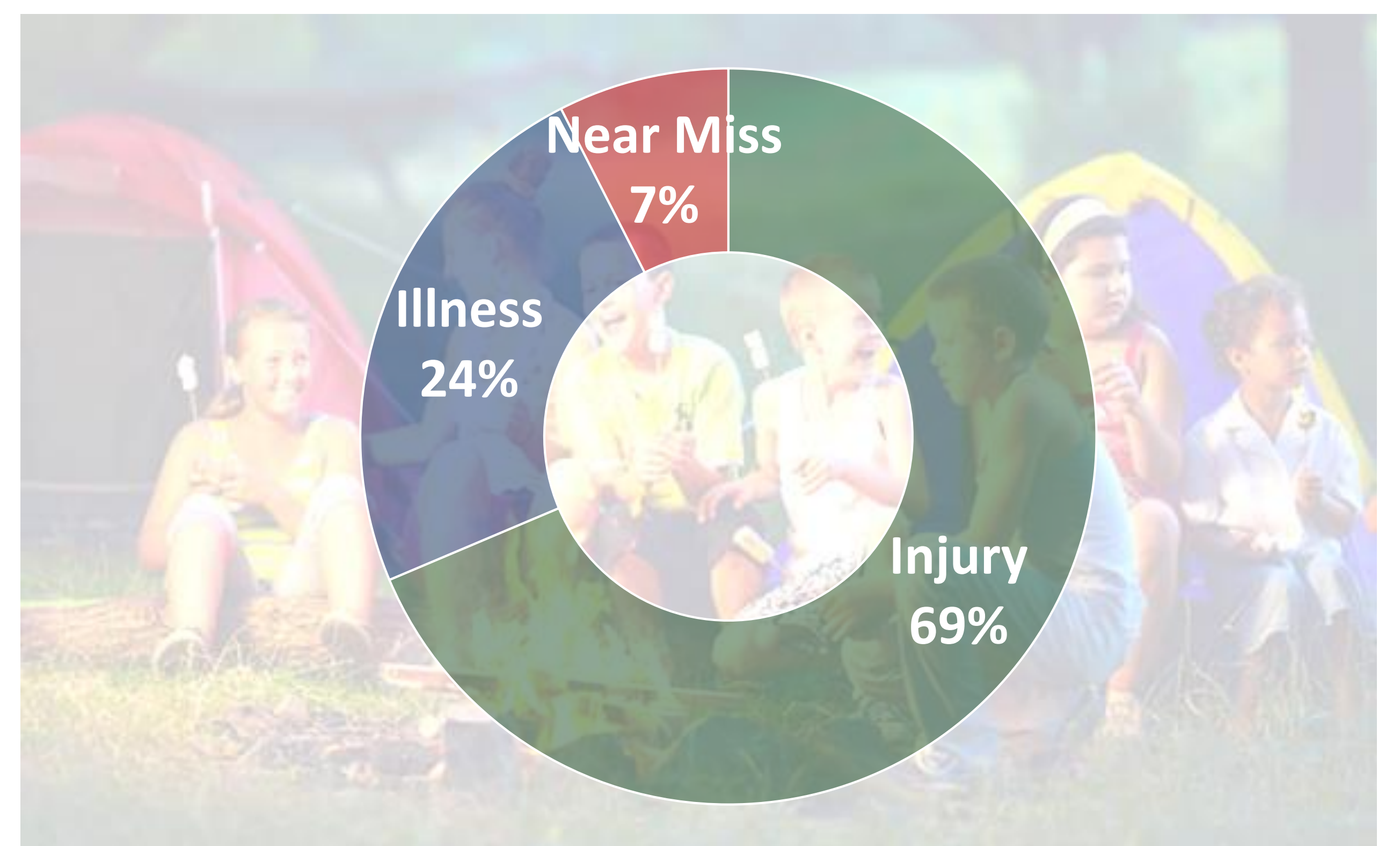
CENTRE FOR HUMAN FACTORS AND SOCIOTECHNICAL SYSTEMS

National Incident Dataset

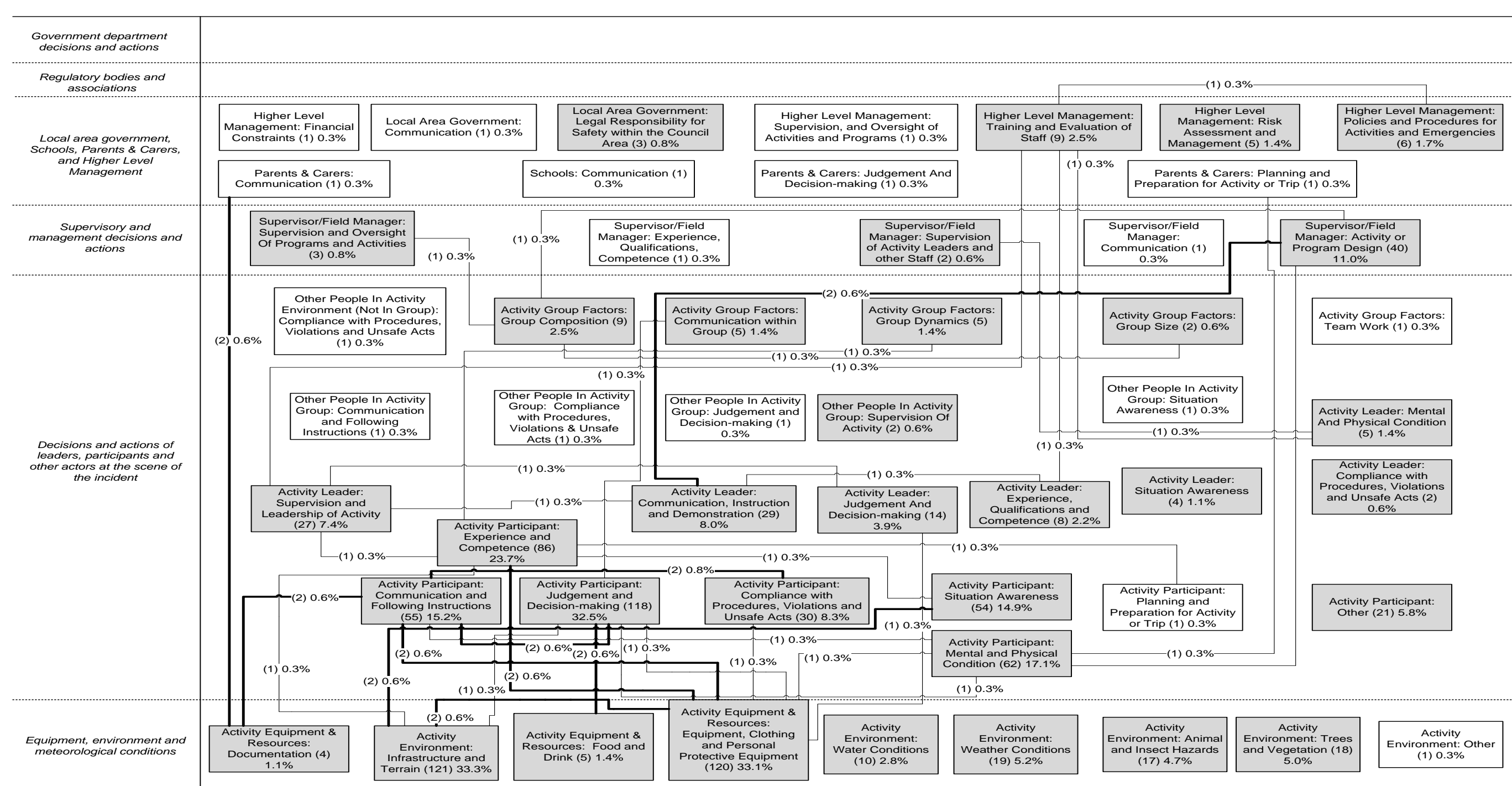
FROM DATA TO ACTION

12 MONTHS - THE STATISTICS

- 676 injuries, 235 illnesses, 74 near miss incidents
- Average injury incidence rate was 2.1 incidents per 1000 participants
- 85% of injuries and 69% of illnesses required only localised care (no evacuation, short-term consequences)
- Females reported more injuries and illnesses than males, while near miss incidents involved more males than females



A significant contribution of this research is that it enables practitioners to identify contributory factors and relationships that could be focussed on for prevention strategies.



Factors and relationships identified as contributors to injury-causing incidents. Factors identified in more than one report are shaded in grey, and relationships (connecting lines) identified in more than one report are bolded.

THE CONTRIBUTING FACTORS

- On average, 2-3 contributing factors were identified per incident report
- Contributory factors were found at the four lower levels of the UPLOADS Accident Analysis Framework
- These analyses provide evidence that LOA incidents represent a systemic issue

Efforts should focus on educating the sector on the importance and benefits of reporting all incidents, the kind of information and detail to report, and the importance of reporting near miss incidents.

DEVELOPING COUNTERMEASURES

- Data from the 12 month report were used to inform the development of countermeasures (CMs)
- Human factors design principles were used in conjunction with LOA practitioner workshops
- The wider LOA sector evaluated the CMs that were designed they were practical, valid, and achievable
- 7 data-driven CMs were derived from this process



The UPLOADS Project aims to develop a structured process to support organisations in translating incident reporting system outputs into appropriate and effective injury countermeasures.