

G+ Global Offshore Wind Health & Safety Organisation

2019 incident data report summary for technicians



www.gplusoffshorewind.com

G+ incident data summary statistics



	2014	2015	2016	2017	2018	2019
Hours Worked (millions)	23.7	21.2	21.7	26.8	25.4	22.4
Fatalities	0	0	0	0	0	0
Lost work day injuries	44	41	43	49	39	62
Restricted work day injuries	14	32	35	30	34	23
Medical treatment injuries	89	54	42	78	45	38
Total recordable injuries	147	127	120	157	118	123
Total recordable injury rate (TRIR)	6.2	5.98	5.52	5.85	4.65	5.5
Lost time injury frequency (LTIF)	1.86	1.93	1.98	1.83	1.54	2.77
First aid cases	95	70	62	225	224	267
Near hit/miss	655	336	272	319	164	231
High potential Hazards	8	149	233	60	136	103
Asset damage				333	65	141
Total recorded incidents and hazards	905	682	687	1094	707	865

- 2019 change in metrics, we look at injuries not incidents.

- **Lost work day injuries:** highest on record -effect of new metrics.

- **Restricted work day incidents** have decreased:
 - 50% reduction Access/Egress.
 - Decrease in marine incidents

- **Medical treatment injuries,** lowest year on record.

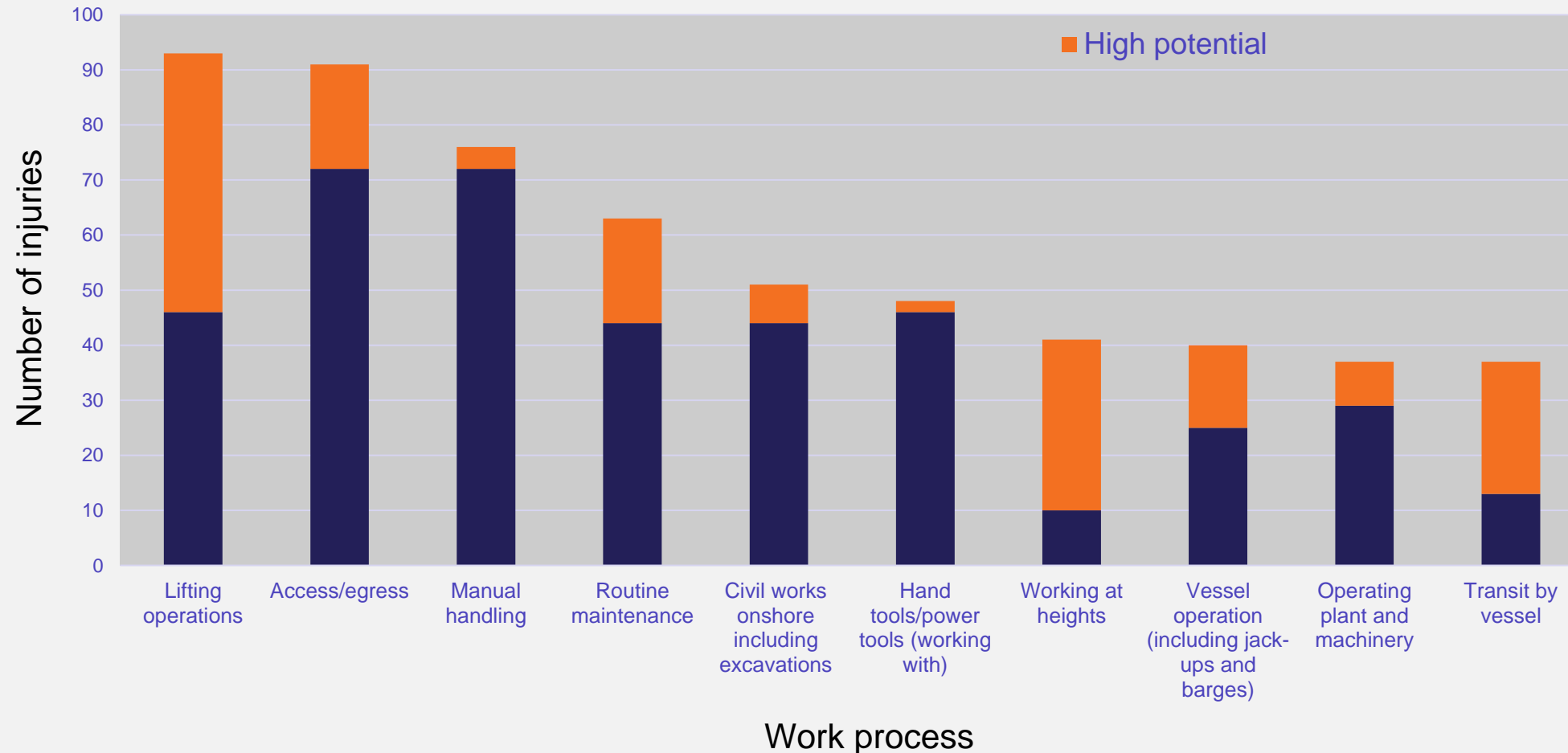
- Decreased incidents using tools
- No incidents during lifting operations

Increase in the overall number of incidents and hazards from 2018 to 2019 of 22%.

- First Aid incidents, highest year on record

- Manual handling
- Access/egress
- Electrical systems

Top 10 work processes by number of incidents 2019



Lifting operations:

- Most incidents occurred in CTV's, Nacelle and Jack-up vessels.
- Most incidents were near misses.

Access/egress:

- Most incidents occurred within the Nacelle, tower and hub and blades.
- Most common consequence were first aids cases.
- LTI's occurred due to tripping on frames/steps

Manual handling:

- Most incidents occur in warehouses and CTV.
- Most common consequence was a fist aid case due to back injury.

G+ Incident data



To access all of the G+ incident data reports, as well as our interactive data report, please go to:
<https://www.gplusoffshorewind.com/work-programme/statistics>

The G+ has published of Good Practice Guidelines on:

- The safe management of small service vessels used in the offshore wind industry
- Working at height in the offshore wind industry.
- Case Study on reducing manual handling and ergonomics related incidents in the offshore wind industry
- G+ integrated offshore emergency response
- G+/Drops Reliable securing booklet for offshore wind

These guidelines are available at: <https://www.gplusoffshorewind.com/work-programme/guidelines>

To explore current industry designs of particular risk areas and investigate improvements in the design phase. The G+ has held 7 safe by design workshops on:

- Marine transfer and access
- Davit cranes
- WTG access to the transition piece (below the airtight deck)
- WTG Hydraulic torqueing and tensioning systems.
- Escape from the nacelle in case of a fire
- WTG access egress
- WTG service lifts

The reports of the safe by design workshops are available at <https://www.gplusoffshorewind.com/work-programme/workshops>