MANAGING ELECTRICAL SAFETY

1-1 HEALTH & SAFETY EXECUTIVE RIDDOR STATISTICS 2014 TO 2025

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GCS Doncaster Ltd
Electrical compliance solutions

Electrical safety, compliance and training specialists, focusing on providing support to clients regarding electrical compliance and legislation. We help clients & duty holders to identify their risks and legal non-compliances, assisting them with the implementation of compliant systems, processes, and training.

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HSE's RIDDOR Data Set - Contact with Electricity

This information is available to download from within the current HSE RIDDOR Data set covering 2014 to 2025, and includes all:

- Fatal
- Non-fatal
- Dangerous Occurrences

These statistics relate to workplace incidents only, Employees & Sub-contractors

They do not include:

- Overhead cable strikes
- Buried cable strikes
- Or accidents involving members of the public

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RIDDOR Definitions:

Fatal Incident

All work-related deaths of employees and self-employed operatives

Non-fatal incident

- **Pre-defined injuries** (10% Burns, loss of sight plus 6 other categories)
- **Over 7 day lost time injuries**

Dangerous Occurrence

Any explosion or fire caused by an electrical short circuit or overload (including those resulting from accidental damage to the electrical plant) which either:

- Results in the stoppage of the plant involved for more than 24 hours
- Or causes a significant risk of death

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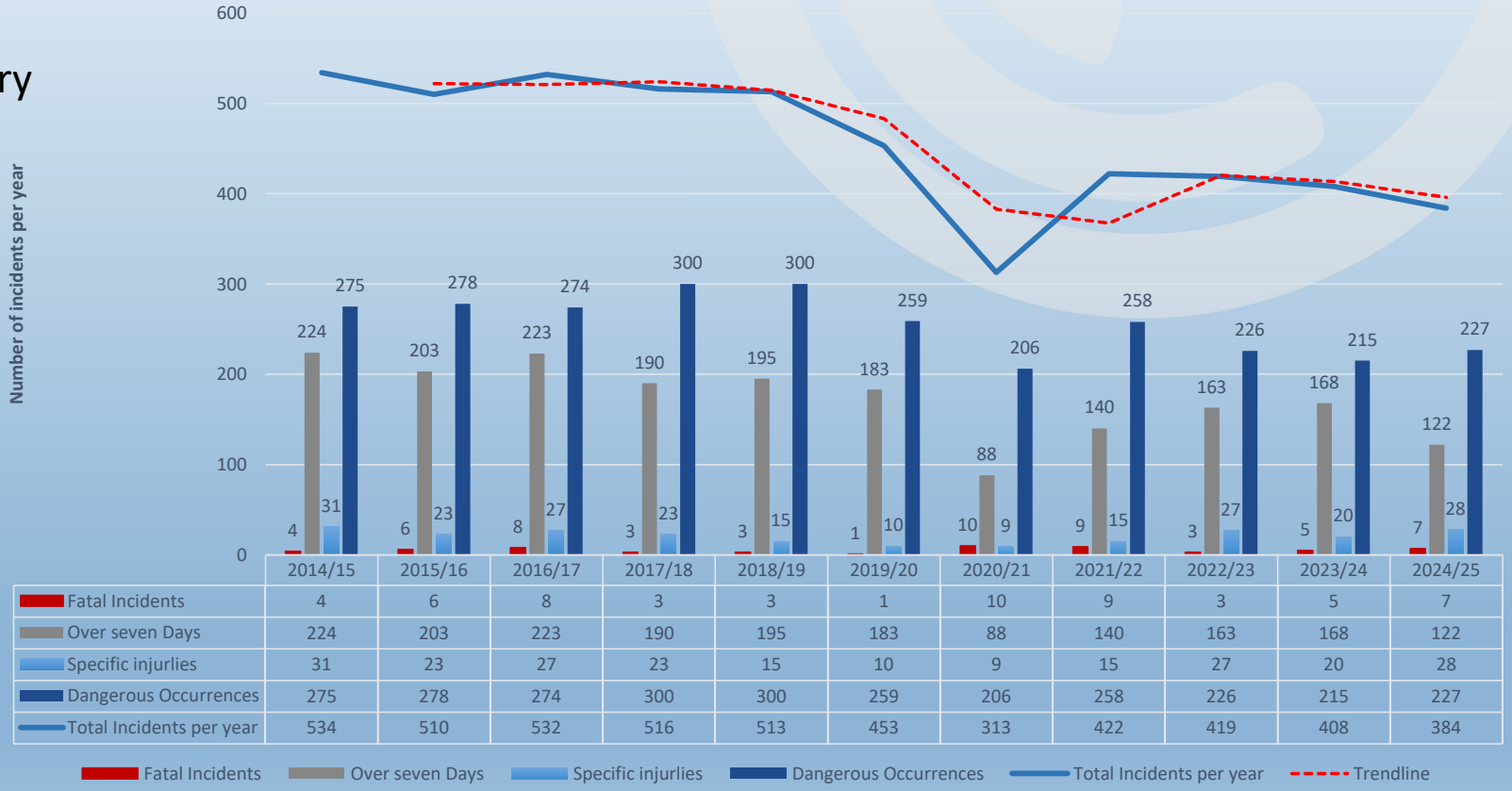
HSE Statistics

- Over a period of 11 years very little improvement overall!
- On average, just under 400 incidents a year (reported)!
- 59 Fatal Incidents over the period!
- 2127 lost time Incidents resulting in 7 days or more away from the workplace!

Contact with Electricity - HSE RIDDOR Statistics 2014/25



	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
Fatal Incidents	4	6	8	3	3	1	10	9	3	5	7
Over seven Days	224	203	223	190	195	183	88	140	163	168	122
Specific injurlies	31	23	27	23	15	10	9	15	27	20	28
Dangerous Occurrences	275	278	274	300	300	259	206	258	226	215	227
Total Incidents per year	534	510	532	516	513	453	313	422	419	408	384

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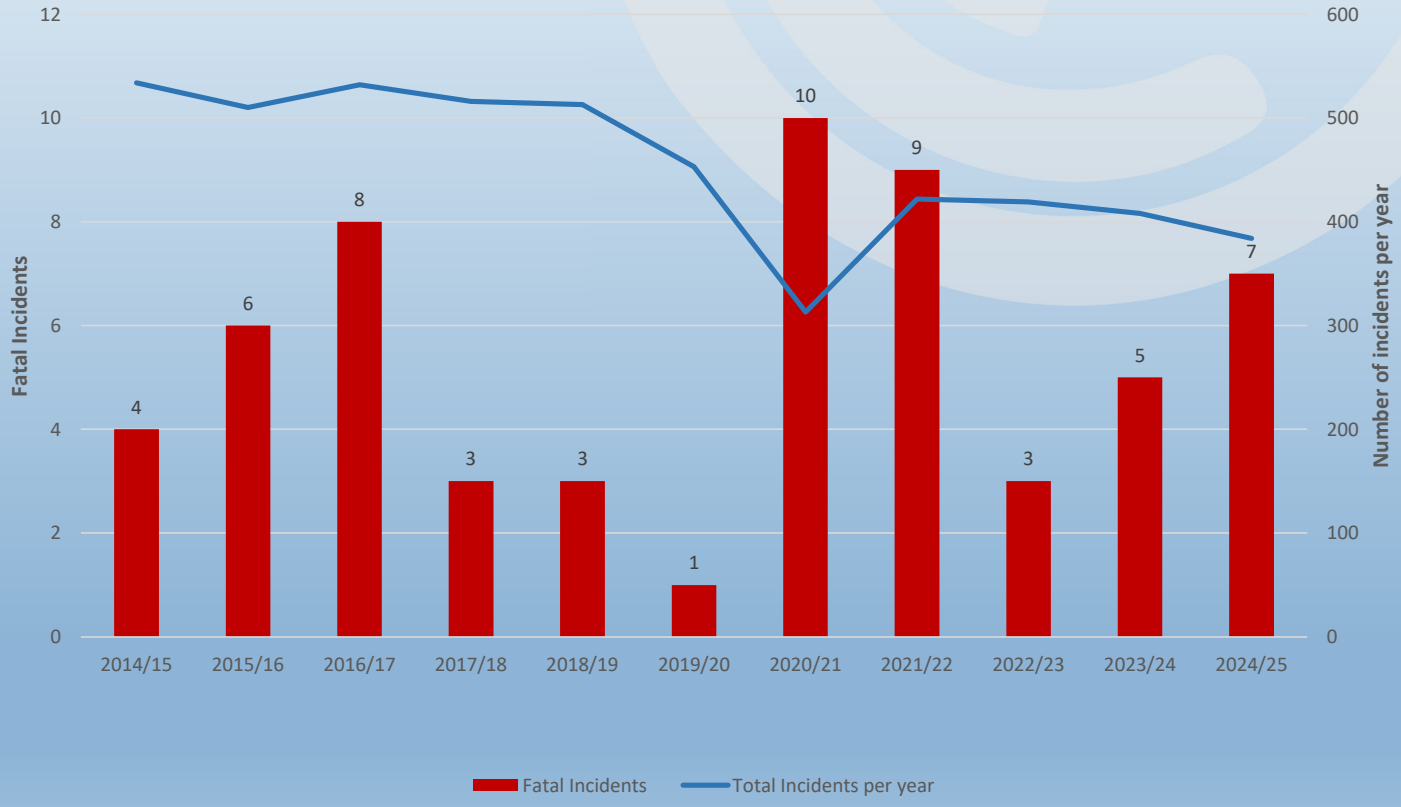
Contact with Electricity - HSE Statistics Fatal Incidents 2014/25



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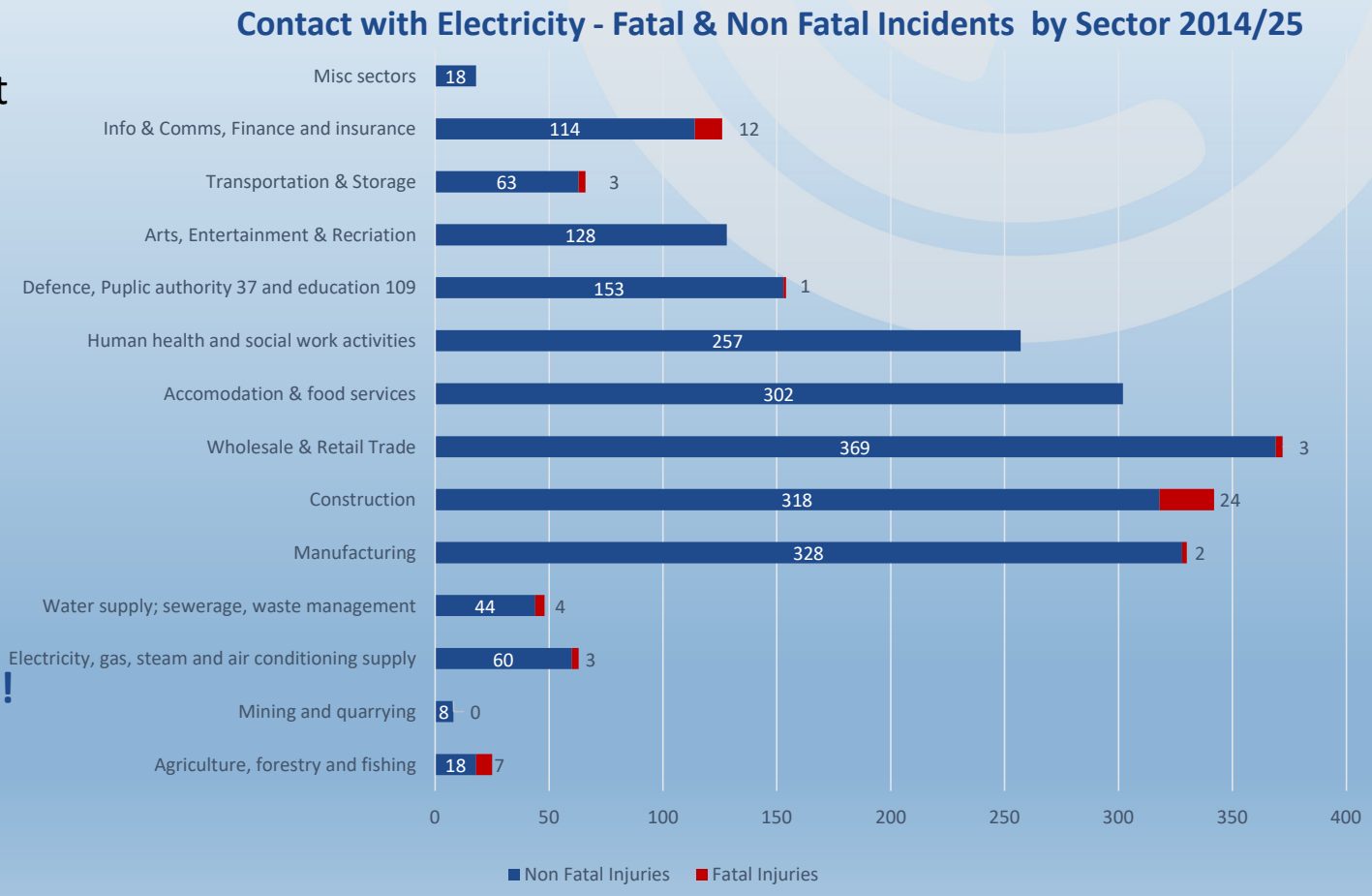
Sectors

Possibly more concerning are the sectors where there are a significant number of incidents.

In fact, four sectors make up 60% of all Fatal and non-fatal incidents across the ten-year period. These being:

- **Construction!**
- **Manufacturing!**
- **Wholesale & Retail Trade!**
- **Accommodation & food services!**



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Key Facts from HSE Contact with Electricity RIDDOR Statistics 2014 to 2025

% of overall Fatalities

3% of all contacts with electricity have resulted in a fatal incident!

Fatality Rate

1 in 36 contacts with electricity result in a fatality!

Fatality Increase

The number of fatalities from 2020 to 25 (34)is more than from the previous six years 2014/20 (25 fatalities).

Minimum Lost Days

Equites to a minimum of 14,889 days off! 2,978 working weeks!
(based on 7 days off per incident) It's much more time off than this !

% Overall Incidents

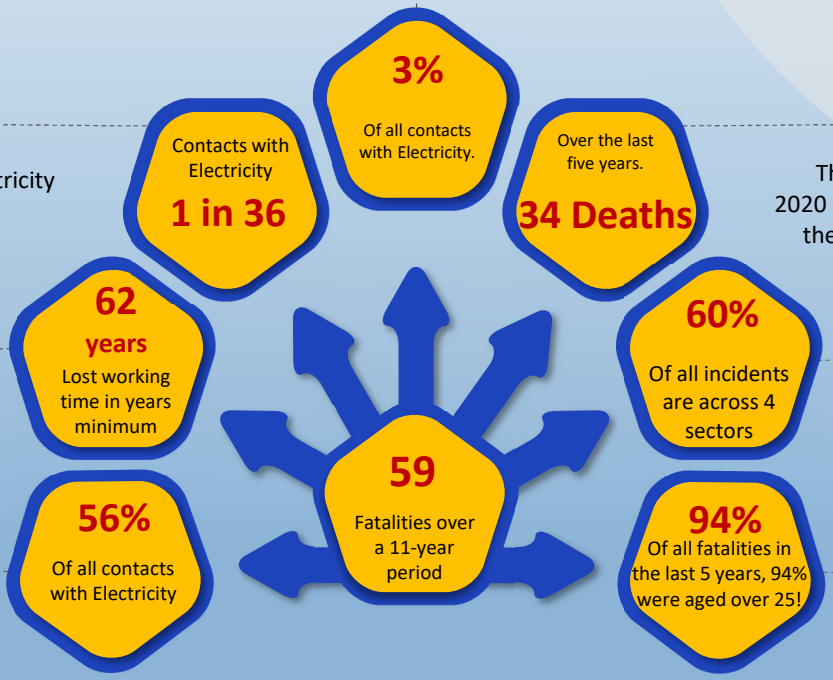
Wholesale & Retail 17%
Construction 16%
Manufacturing 14%
Accommodation & food services 13%

Lost Time Incidents

Result in lost time incidents, 2239 incidents to date!

Experienced Workers

62% were aged between 33 & 45, 32% over 45 years old. **Only two fatalities are under 25 years old!**



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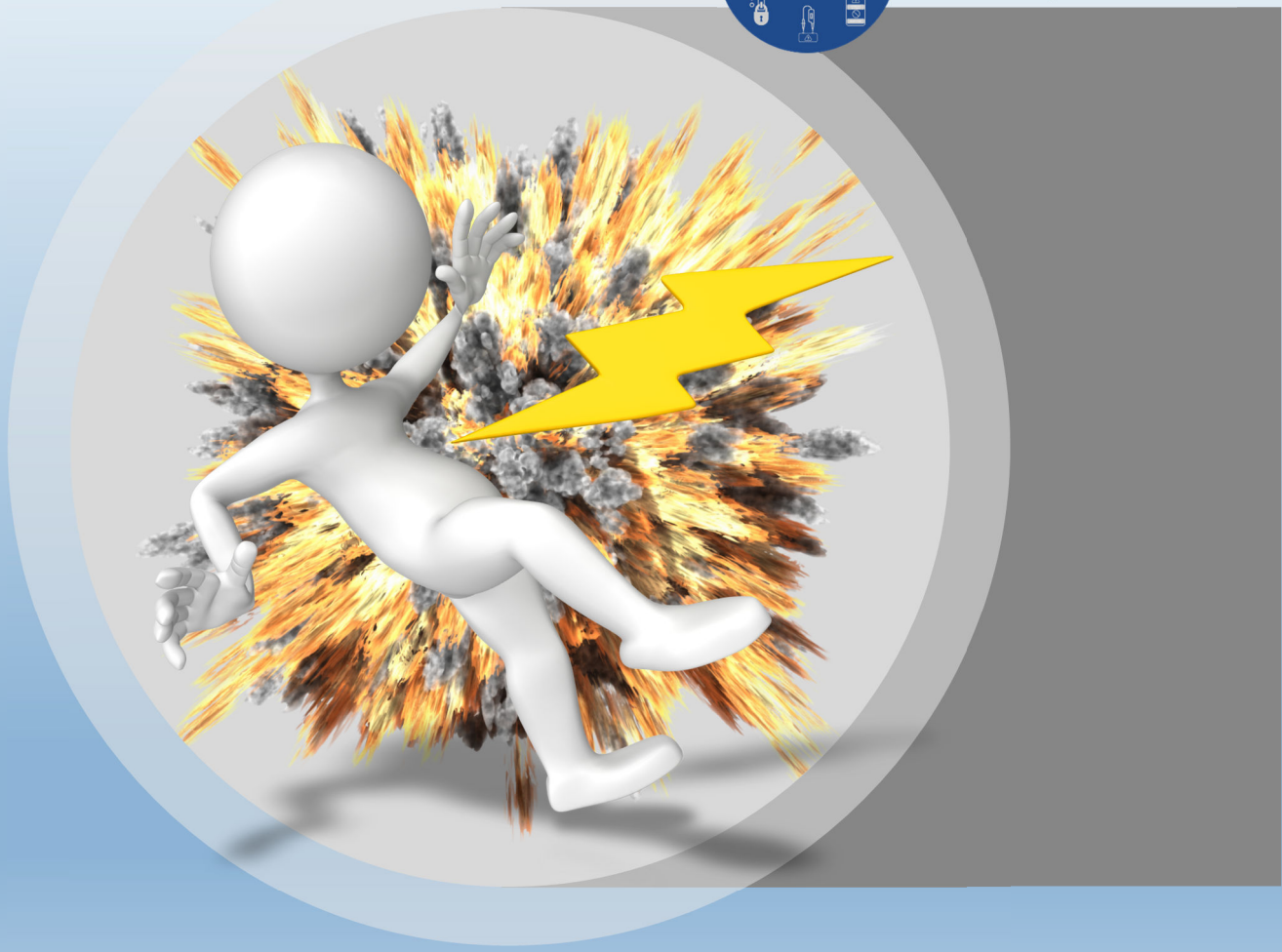
Most Common forms of contact with Electricity according to the HSE-

- Unsafe Systems of work / Unsafe Rules
- Inadequate information / No Training
- Person not competent
- Inadequate Isolation
- Poor Control of Work Activities / Failure to manage work
- Live Working / Uninsulated electrical wiring
- Unsuitable test equipment

www.hse.gov.uk/electricity/maintenance/index.htm