

Kinds of accident statistics in Great Britain, 2019

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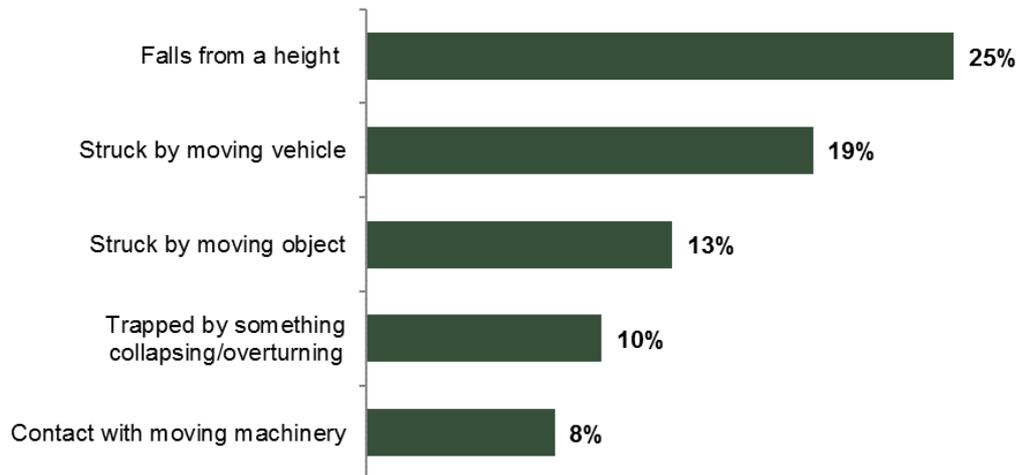


Summary

The document can be found at: www.hse.gov.uk/statistics/causinj/kinds-of-accident.pdf

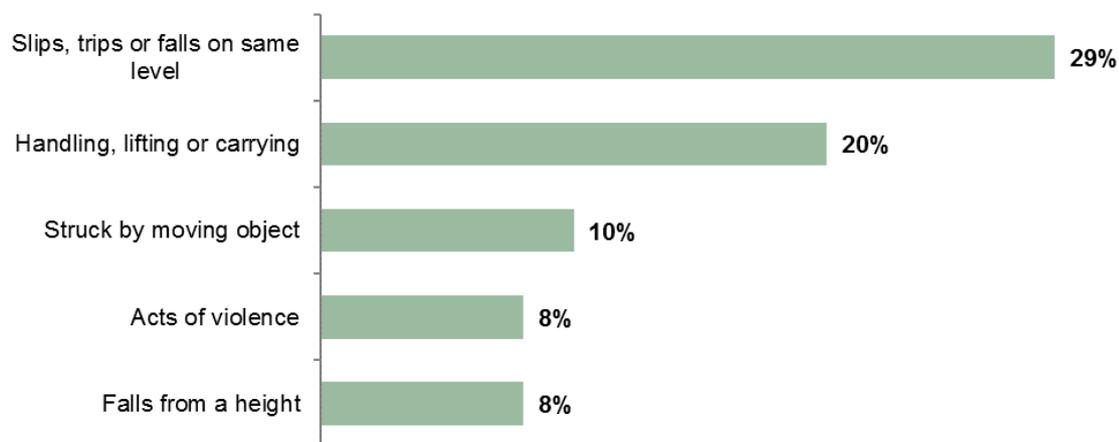
Fatal injuries to workers by most common accident kinds

(Source: RIDDOR, 2014/15-2018/19)



Non-fatal injuries to employees by most common accident kinds

(Source: RIDDOR 2018/19)



Note:

RIDDOR: Reporting of Injuries, Diseases and Dangerous Occurrences Regulations. Injury numbers for 2018/19 are at this stage provisional and will be finalised during 2020

A five-year period has been used for the breakdown of fatal injuries by accident kind. This is because the number of fatalities for some accident kinds is relatively small, hence susceptible to considerable variation. The five-year picture gives a more stable picture of fatal injuries by accident kind.

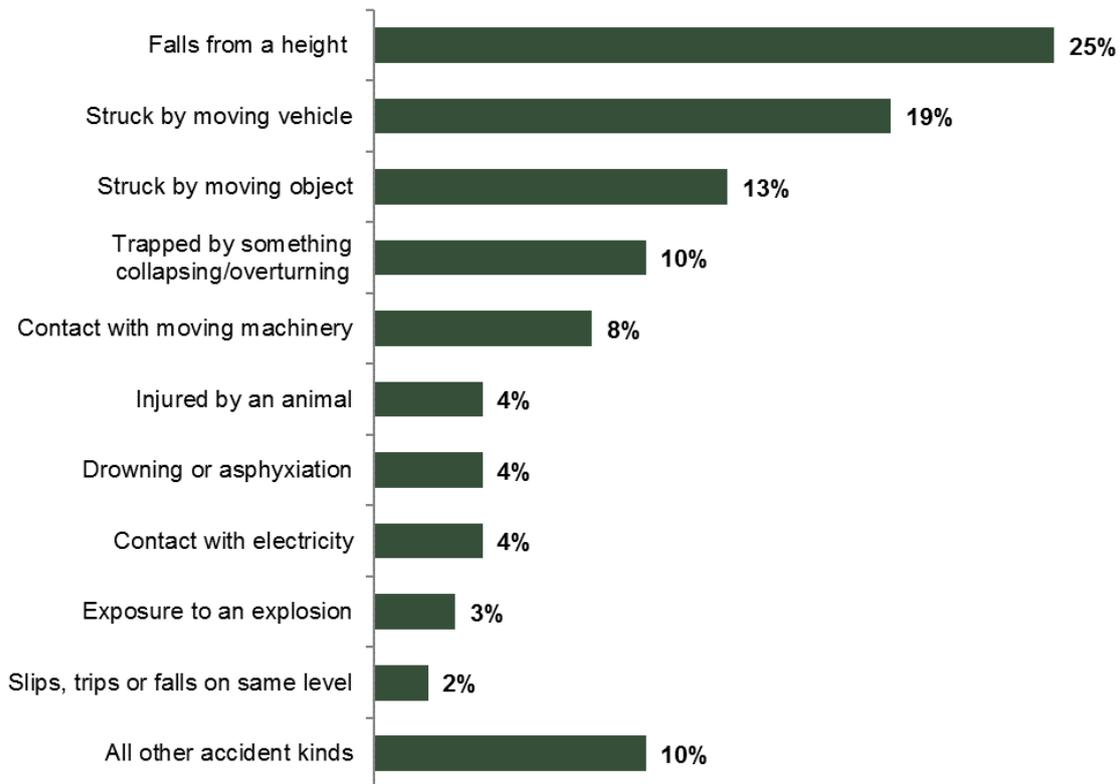
The charts above show those accident kinds that contribute to 5% or more of the total.

Introduction

In 2018/19, 147 workers¹ were killed at work. In addition, an estimated 581,000 workers sustained non-fatal injuries, according to self-reports. Certain workplace non-fatal injuries (generally the more serious) require reporting by employers to the Enforcing Authorities under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (those that result in more than 7 days absence from work or specified on a pre-defined list of injuries)². There were 69,208 such reported incidents to employees in 2018/19 (although it is known that RIDDOR defined non-fatal injuries to employees are substantially under-reported by employers, with current levels of reporting estimated at around a half). Despite long term reductions in the number of workers injured each year, the kind of accident profile remains similar year on year.

Fatal injuries

Figure 1: Fatal injuries to workers by accident kind, 2014/15-2018/19^{3,4}



Source: **RIDDOR**

- Almost half of the fatal injuries to workers over the last five years were accounted for by just two different accident kinds – falls from a height and being struck by a moving vehicle.
 - Falls from a height accounted for 25% of all fatal injuries (an average of 36 fatal injuries per year).
 - Half of all fall from height deaths over the last five years were in the construction sector (annual average 18 per year).
 - Struck by a moving vehicle accounted for 19% of all fatal injuries (an average of 27 fatal injuries per year).
 - Around a quarter of deaths over the last five years from being struck by a moving vehicle were in the agriculture, forestry and fishing sector (annual average of seven per year). A further 20% of deaths from being struck by a moving vehicle over this five-year period were in the transportation and storage sector (annual average of five per year) and 14% in the construction sector (annual average of four per year).

¹ The term 'worker' includes employees and the self-employed combined.

² See www.hse.gov.uk/pubns/indg453.pdf for more details of what is reportable

³ A five-year period has been used for the breakdown of fatal injuries by accident kind. This is because the number of fatalities for some accident kinds is relatively small, hence susceptible to considerable variation. The five-year picture gives a more stable picture of fatal injuries by accident kind. (There was a total of 712 fatal injuries over this period, an annual average of 142).

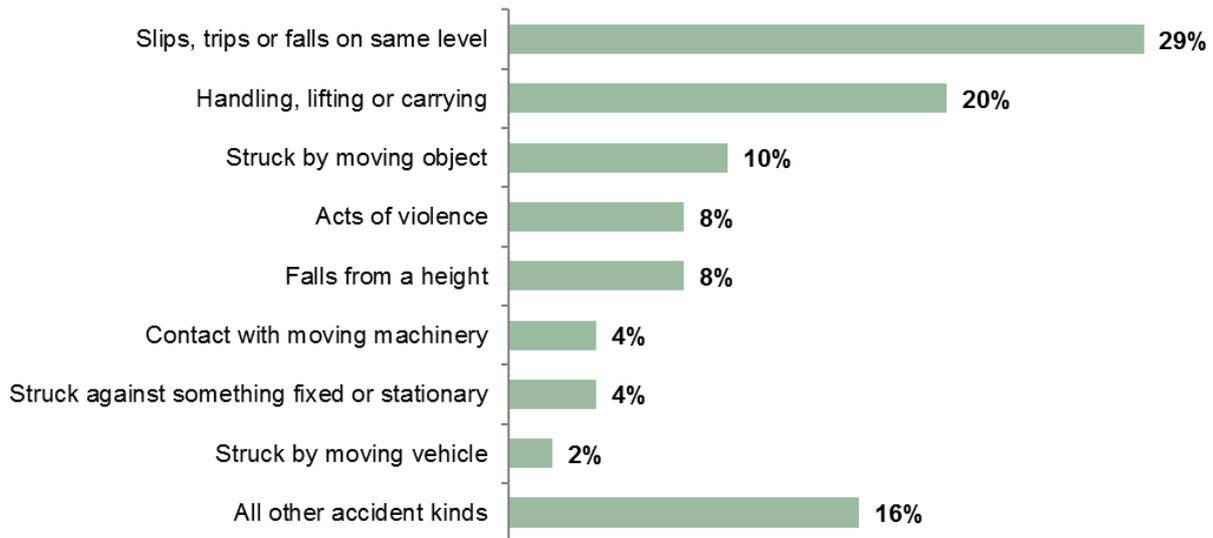
⁴ Fatal injury numbers for 2018/19 at this stage provisional and will be finalised summer 2020.

- Of the deaths in the 'All other accident kinds' category (average of 14 deaths per year), there were:
 - An average of two deaths per year for each of exposure to fire, from being exposed to harmful substances and from strike against something fixed or stationary.
 - An annual average of one death per year from handling, lifting or carrying accidents and from acts of violence.
 - The remaining deaths were categorised as 'other kind of accident'.

Non-fatal injuries

The profile of non-fatal injuries by accident kind differs quite markedly to the profile of fatal injuries.

Figure 2: Non-fatal injuries to employees (as reported by employers) by accident kind, 2018/19⁵



Source: **RIDDOR**

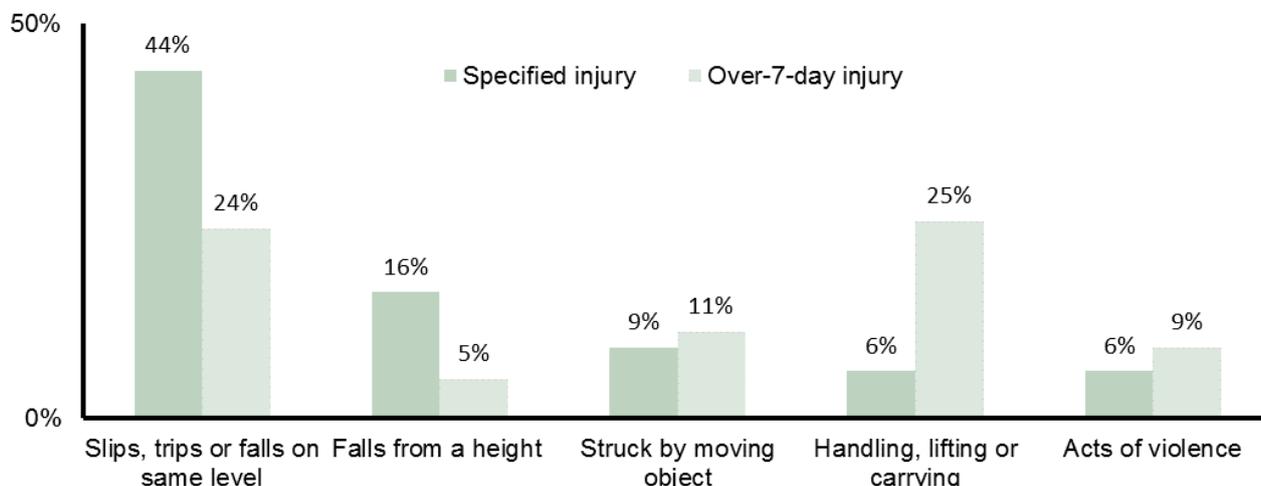
- Over half of all employer reported non-fatal injuries to employees in 2018/19 were accounted for by just two different accident kinds (similar to earlier years); slips trips or falls on same level accidents (29%) and handling, lifting or carrying accidents (20%). In contrast, these two accident kinds accounted for only 3% of fatal injuries to workers over the period 2014/15-2018/19.
 - This picture is broadly similar across all the main industry sectors.
- Falls from a height, the most common cause of fatal injury to workers over the last five years, accounted for 8% of employer reported non-fatal injuries in 2018/19 (a similar proportion to earlier years).
 - There is some variation by industry sector, with the proportion of non-fatal injuries accounted for by falls from a height highest in Construction (19% in 2018/19).

⁵ Numbers for 2018/19 are at this stage provisional and will be finalised in autumn 2020

RIDDOR defines two categories of reportable non-fatal injuries: specified⁶ (a pre-defined list of injuries); and injuries resulting in over-7-days absence from work. Fractures (other than to fingers, thumbs or toes) is the biggest specified injury category accounting for around 90% of all reported specified injuries in 2018/19.

Given the dominance of fractures to the specified injury category, not surprisingly there is some variation in accident kind between specified injuries and over-7-day injuries, as shown in figure 3 below.

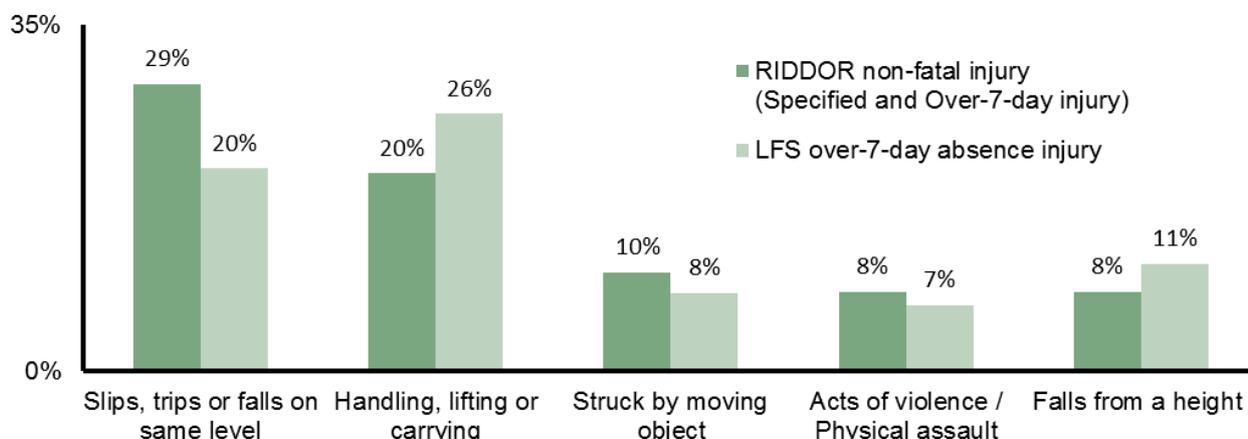
Figure 3: Percentage of (i) Specified injuries and (ii) Over-7-day injuries to employees accounted for by different accident kinds, 2018/19



Source: **RIDDOR**

Information on the distribution of non-fatal injuries by accident kind is also available from the Labour Force Survey (LFS), based on self-reports from workers. Figure 4 below shows the accident kind distribution for over-7-day absence injuries to workers from the LFS as compared with the accident kind distribution for RIDDOR reported non-fatal injuries to employees (which includes specified injuries as well as over-7-day injuries to employees). Despite slightly different coverage (Labour Force estimate is for workers including the self-employed RIDDOR data covers employees only; RIDDOR data includes reported specified injuries, some of which may not have resulted in more than 7-days absence from work), both sources present a similar picture in terms of the relative importance of different non-fatal accident kinds.

Figure 4: Percentage of non-fatal injuries accounted for by different accident kinds based on (i) Self-reported over-7-day absence injuries to workers from the LFS and (ii) RIDDOR non-fatal injuries to employees



Source: **RIDDOR 2018/19, Labour Force Survey, annual average 2016/17-2018/19**

⁶ see www.hse.gov.uk/pubns/indg453.pdf

Annex 1: Sources and definitions

The Labour Force Survey (LFS): The LFS is a national survey run by the Office for National Statistics of currently around 37,000 households each quarter. HSE commissions annual questions in the LFS to gain a view of work-related illness and workplace injury based on individuals' perceptions. The analysis and interpretation of these data are the sole responsibility of HSE. See www.hse.gov.uk/statistics/lfs/technicalnote.htm for more details.

- **Self-reported injuries:** Workplace injuries sustained as a result of a non-road traffic accident, as estimated by the LFS. Over 7-day absence injuries include all those with more than 7 consecutive (working and non-working) days away from work (not counting the day on which the accident happened).

RIDDOR: The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (as amended), under which fatal and defined non-fatal injuries to workers and members of the public are reported by employers.

Certain types of work-related injury are not reportable under RIDDOR, hence excluded from these figures. Particular exclusions include fatalities and injuries to the armed forces and injuries from work-related road collisions.

For more information, see www.hse.gov.uk/statistics/sources.htm.

Annex 2: Links to detailed tables

The data in this report can be found in the following tables:

Employer-reported non-fatal injuries by kind of accident and broad industry group (RIDDOR)

RIDKIND www.hse.gov.uk/statistics/tables/ridkind.xlsx.

This table allows you to flexibly view the data. For example, you can view the accident kinds for a specific industry (such as construction) or you can look at a particular accident kind (such as falls from a height) and see the percentage contribution that accident kind makes to the total injury count for each industry.

Employer-reported non-fatal injuries by nature of injury (RIDDOR)

RIDNAT www.hse.gov.uk/statistics/tables/ridnat.xlsx.

Self-reported non-fatal injuries by accident kind

lfsinjknd www.hse.gov.uk/statistics/lfs/lfsinjknd.xlsx.

Other tables can be found at: www.hse.gov.uk/statistics/tables/index.htm

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It is Health and Safety Executive's responsibility to maintain compliance with the standards expected by National Statistics. If we become concerned about whether these statistics are still meeting the appropriate standards, we will discuss any concerns with the OSR promptly. National Statistics status can be removed at any point when the highest standards are not maintained, and reinstated when standards are restored.

An account of how the figures are used for statistical purposes can be found at www.hse.gov.uk/statistics/sources.htm.

For information regarding the quality guidelines used for statistics within HSE see www.hse.gov.uk/statistics/about/quality-guidelines.htm

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Additional data tables can be found at www.hse.gov.uk/statistics/tables/.

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