

Education statistics in Great Britain 2020

Contents

Key statistics	2
Introduction	3
Work-related ill health	4
All illness	4
Musculoskeletal disorders	5
Stress, depression or anxiety	6
Work-related injuries	7
Workplace risks	9
Economic Cost	10
Enforcement	11
Annex 1: Sources and definitions	12
Annex 2: Links to detailed tables	14



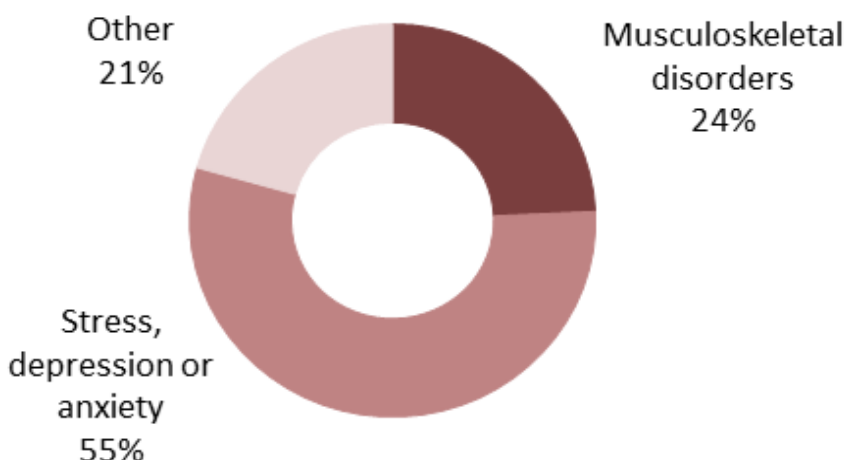
Key statistics

in the education sector in Great Britain, 2020



140,000

workers suffering from work-related ill health (new or long-standing)



The rate of self-reported work-related ill health shows no clear trend.

Source: LFS estimated annual average 2017/18-2019/20



There was **0** fatal injury to a worker in 2019/20p. The annual average number for 2015/16-2019/20 is 1 worker fatal injury per year.

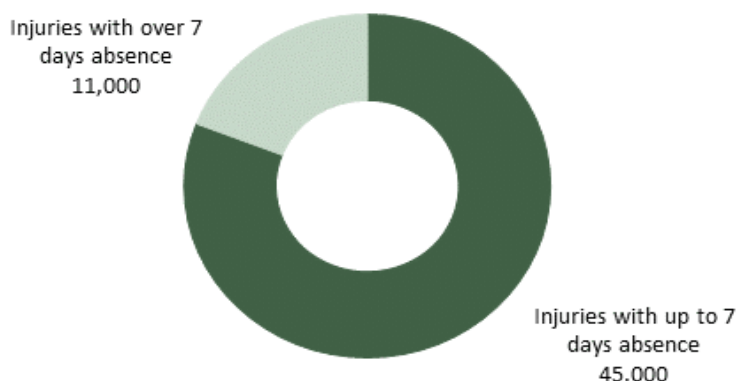
There were **2** fatal injuries to members of the public in 2019/20p. This is slightly lower than the average of 3 fatalities to members of the public for 2015/16-2019/20

Source: RIDDOR, 2019/20

Note: p is used in this document to indicate provisional figures due to be finalised in 2019/20



55,000 non-fatal injuries to workers each year



The rate of self-reported non-fatal injury to workers has been broadly flat in recent years

Introduction

This report provides a profile of workplace health and safety in education¹.

The sector covers a range of educational activities across various levels. It includes pre-primary, primary, secondary, higher, tertiary (e.g. university) and other education, e.g. sport, music, arts, driving, vocational, and adult education

This sector accounts for around 11% of the workforce in Great Britain².

Disruption to the economy towards the end of 2019/20 due to the emergence of COVID-19 as a national health issue had the potential to have impacted on workplace injury and work-related ill health data for 2019/20. A paper setting out the issues in more detail along with results of analysis of the headline data from the Labour Force Survey and RIDDOR found that COVID-19 does not appear to be the main driver of changes seen in the latest years data³

¹ The 'Education' sector is defined by section P within the 2007 Standard Industrial Classification. See www.hse.gov.uk/statistics/industry/sic2007.htm for more detail.

² Annual Population Survey, 2019

³ Potential impact of COVID-19 on HSE's main statistical data sources in 2019/20. See www.hse.gov.uk/statistics/adhoc-analysis/covid19-impact19-20.pdf for more detail



Work-related ill health

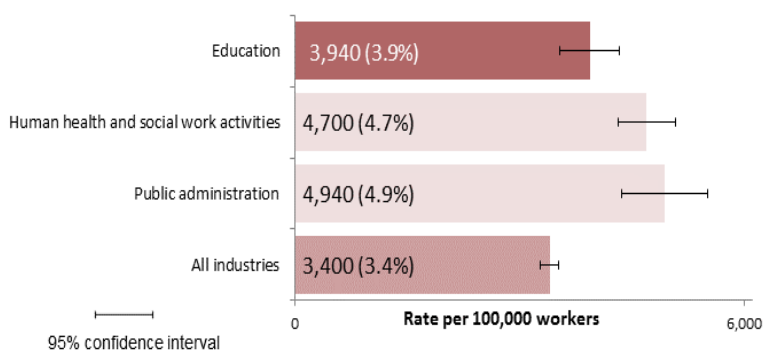
All illness

In education:

- There were an estimated **140,000** work-related ill health cases (new or long-standing)
- **55%** were stress, depression or anxiety

Source: LFS, estimated annual average 2017/18-2019/20

Education compared to industries with similar work activities

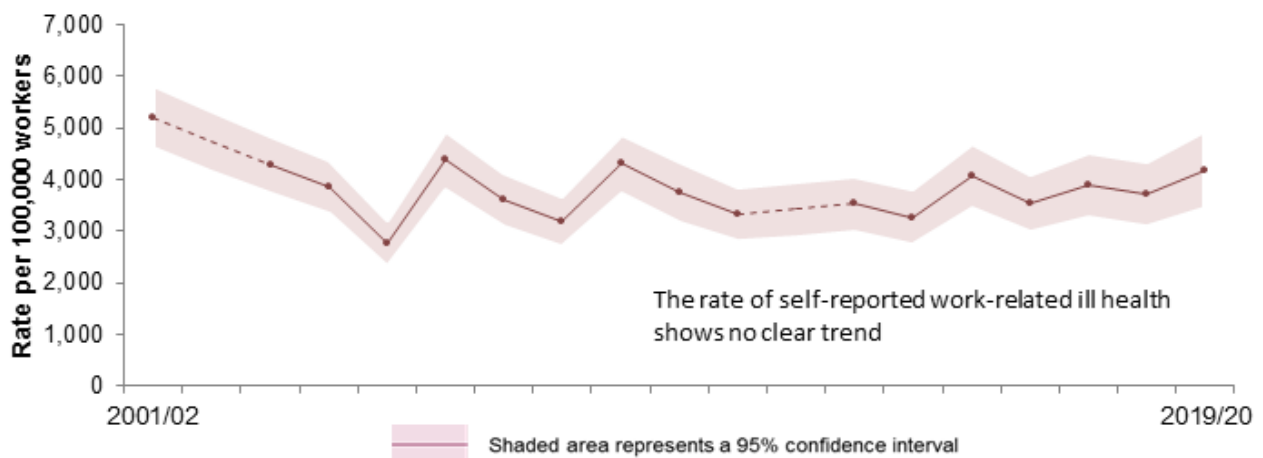


- Around **3.9%** of workers suffered from work-related ill health (new or long-standing cases)
- This rate is **statistically significantly higher** than that for workers across all industries (**3.4%**)

Source: LFS, estimated annual average 2017/18-2019/20

95% confidence intervals are shown on the chart.

Changes over time



Source: LFS annual estimate, from 2001/02 to 2019/20



Work-related ill health

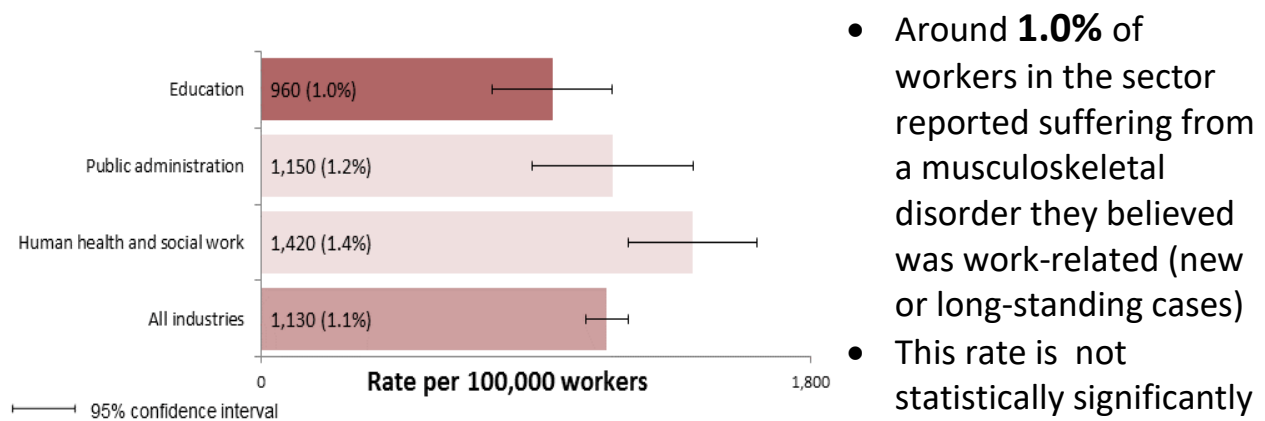
Musculoskeletal disorders

In education:

- There were an estimated **34,000** work-related cases of musculoskeletal disorder (new or long-standing), about a quarter of all ill health in this Sector

Source: LFS, estimated annual average 2017/18-2019/20

Education compared to industries with similar work activities

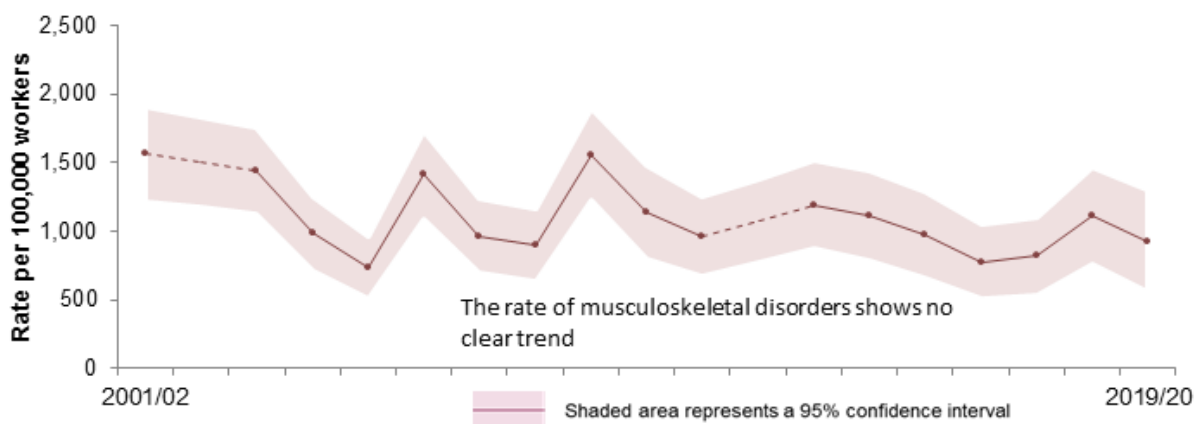


- Around **1.0%** of workers in the sector reported suffering from a musculoskeletal disorder they believed was work-related (new or long-standing cases)
- This rate is not statistically significantly different to that for workers across all industries (**1.2%**)

Source: LFS, estimated annual average 2017/18-2019/20

95% confidence intervals are shown on the chart.

Changes over time



Source: LFS annual estimate, from 2001/02 to 2019/20



Work-related ill health

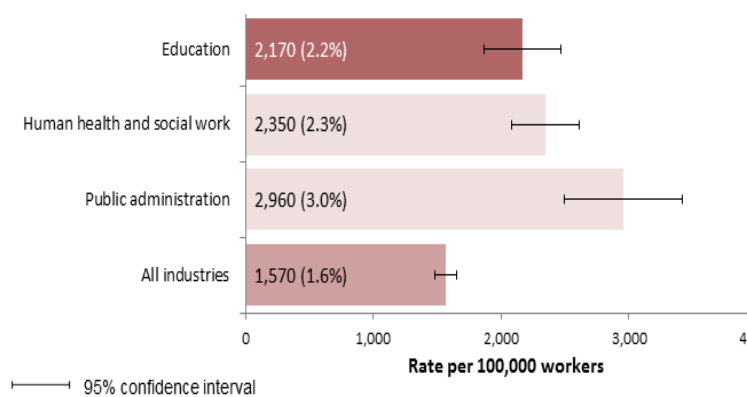
Stress, depression or anxiety

In education:

- There were an estimated **77,000** work-related cases of stress, depression or anxiety (new or long-standing), over half of all ill health in this Sector.

Source: LFS, estimated annual average 2017/18-2019/20

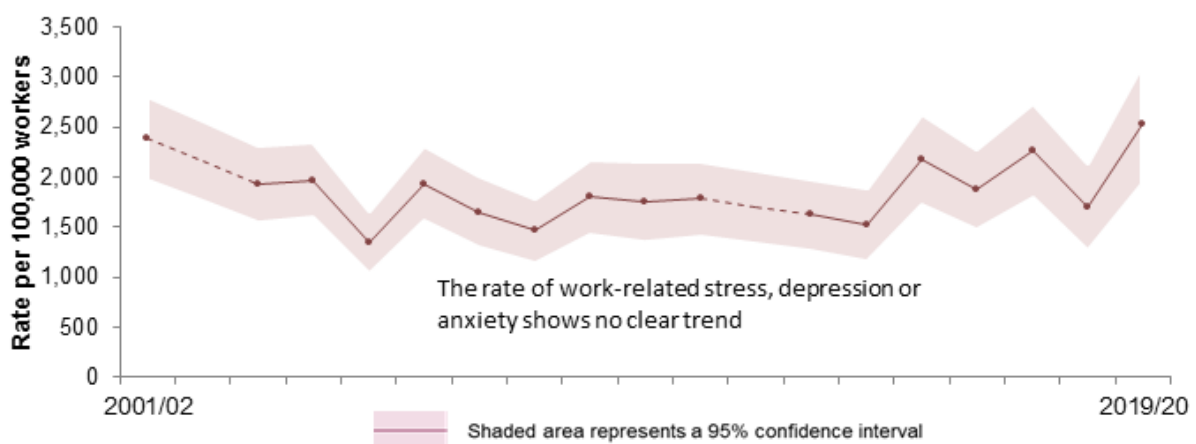
Education compared to industries with similar work activities



- Around **2.2%** of workers in the sector reported suffering from stress, depression or anxiety they believed was work-related (new or long-standing cases)
- This rate is **statistically significantly higher** than that for workers across all industries (**1.6%**)

Source: LFS, estimated annual average 2017/18-2019/20

Changes over time



Source: LFS estimated annual average, from 2001/02 to 2019/20



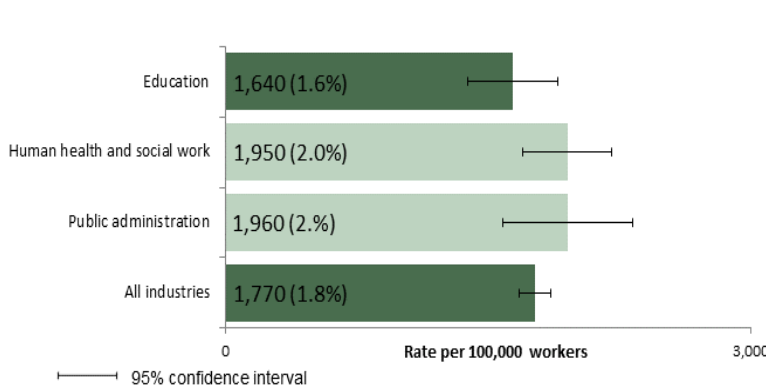
Work-related injuries

The Labour Force Survey is HSE's preferred data source for non-fatal injuries. The latest estimates show that in education there were:

- **55,000** cases of non-fatal work-related injury
- **24%** involved over three days and **19%** over seven days absence

Source: LFS, estimated annual average 2017/18-2019/20

Education compared to industries with similar work activities



- Around **1.6%** of workers in this sector suffered from an injury.
- This rate is not statistically significantly different to that for workers across all industries (**1.8%**)

Source: LFS, estimated annual average 2017/18-2019/20

Changes over time



Source: LFS, grouped by 3 years, estimated annual average 2000/01 – 2019/20



Work-related injuries

Supporting information around work-related injuries is available from RIDDOR reporting[#]. In education there were:

- **4,433** non-fatal injuries to employees reported by employers under RIDDOR in 2019/20p.
- **1,643** (37%) were specified injuries^{##} and **2,790** (63%) were over seven-day injuries.

Source: RIDDOR, 2019/20

[#]The LFS gives the best indication of the scale of workplace injury within the sector. RIDDOR provides additional information for non-fatal injuries but needs to be interpreted with care since it is known that non-fatal injuries are substantially under-reported, especially for the self-employed. Possible variations in reporting rates both between industries and over time make comparisons difficult. However, RIDDOR can be used for analysis at a detailed level not available through the LFS, for example, around the kind of incident.

^{##}For the full list of specified injuries, see www.hse.gov.uk/riddor/reportable-incidents.htm

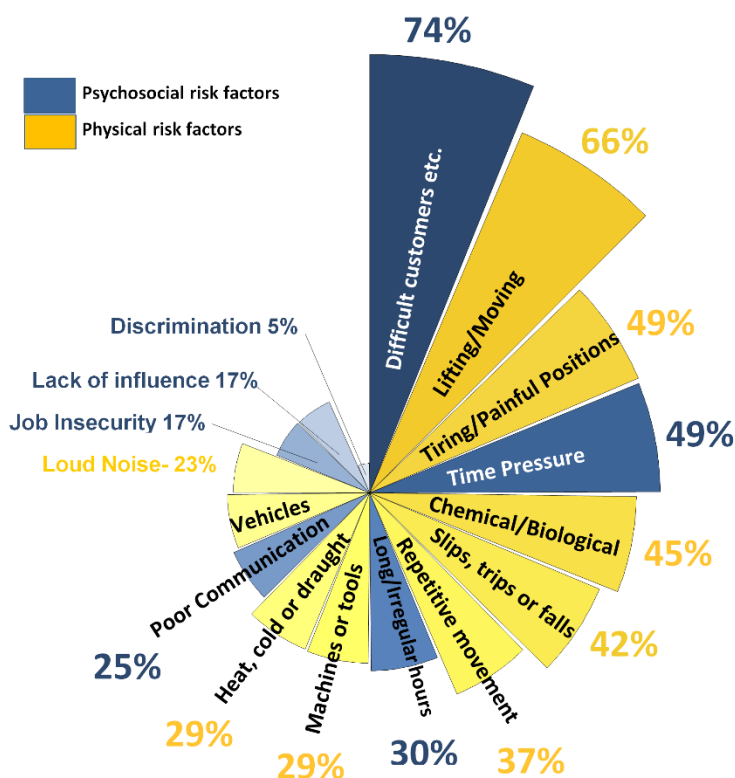


Workplace risks

European Union Occupational Health Agency survey 2014[#]

Percentage of workplaces in the education sector reporting the presence of workplace risks^{##}

% of establishments with risk present (Education)



- Physical risks were more commonly reported than psychosocial risks
- The main psychosocial risks related to difficult customers and time pressure

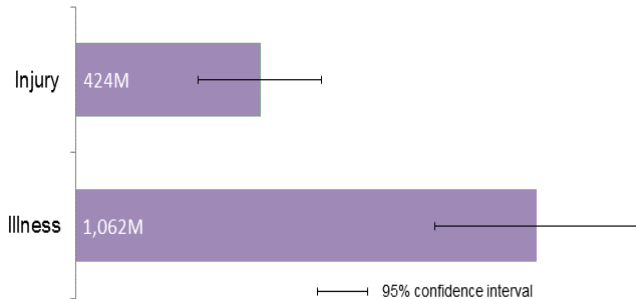
[#] A 2014 survey, commissioned by the European Union Occupational Safety and Health Agency (in collaboration with the Health and Safety Executive), explored the extent that various risks are present in the workplace (regardless of whether the risk is under control), as reported by the person who knows most about safety and health in the workplace. The chart shows the extent of these various risk factors in workplaces in the Education sector in the UK. Full details of the UK results, including measures of how risks are managed within the sector can be found at www.hse.gov.uk/statistics/oshman.htm. The source is known as ESENER 2014

^{##} For workplaces with five or more employees reporting the presence of various workplace risks, regardless of whether risk is under control.



Economic Cost

Economic cost of workplace injury and new cases of work-related ill health in education

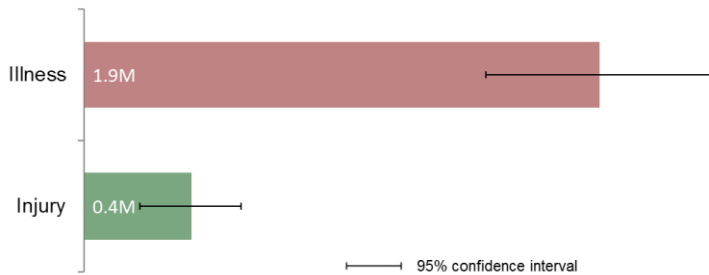


- The total cost in 2018/19 is estimated at **£1.5 billion**, (95% confidence interval £1,211 M – £1,761 M)
- This accounts for **9%** of the total cost of all work-related ill health and injury.

Source: HSE Costs to Britain, 2018/19.

Workplace injury and ill health impose costs: both financial (for example in terms of lost output and healthcare costs) and non-financial (the monetary valuation of the human cost of injury and illness in terms of loss of quality of life, and for fatalities, loss of life). Taken together, this gives the total economic cost to society. This cost is shared between individuals, employers and government/taxpayers.

Working days lost



In education around **2.3 million working days** (full-day equivalent) were lost each year between 2017/18 and 2019/20 due to:

- workplace injury (**17%**) and
- work-related illness (**83%**).

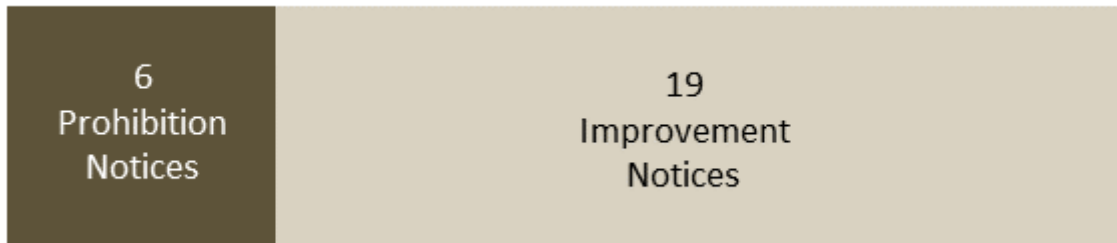
Source: LFS, estimated annual average 2016/17-2018/19

- That is equivalent to around **0.9** working days lost per worker which is similar to the all industry level (1.0 days).



Enforcement

Enforcement notices issued by HSE to businesses in this Sector, 2019/20p



Provisional figures for 2019/20 show a total of **25 notices** issued by HSE inspectors in education.

- 76% were improvement notices and
- 24% were prohibition notices.
- There has been a slight increase in the number of notices issued compared to the previous year (22 in 2018/19).

There were **2 prosecution cases**[#] led by HSE or, in Scotland, the Crown Office and Procurator Fiscal where a verdict was reached in 2019/20, resulting in:

- 2 (100%) with a conviction for at least one offence;
- £40,000 in total fines^{##} averaging over £20,000 per conviction.
 - In 2018/19 there was 1 case resulting in a conviction with a fine of £300,000

Source: HSE Enforcement Data

HSE and local authorities are responsible for enforcing health and safety legislation. For the most serious offences, inspectors may serve improvement notices and prohibition notices and they may prosecute (or in Scotland, report to the Crown Office and Procurator Fiscal Service (COPFS) with a view to prosecution).

[#]Cases refer to a prosecution against a single defendant. The defendant may be an individual person or a company. There may be one or more breach of health and safety legislation (offences) in each case.

^{##} New sentencing guidelines for health and safety offences came into force February 2016. A feature of these guidelines is that the fine is related to the turnover of organisations and, as a result, large organisations convicted of offences are receiving larger fines than seen prior to these guidelines.

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 33,000 households each quarter. HSE commissions annual questions in the LFS to gain a view of self-reported work-related illness and workplace injury based on individuals' perceptions. The analysis and interpretation of these data are the sole responsibility of HSE.

- Self-reported work-related illness: People who have conditions which they think have been caused or made worse by their current or past work, as estimated from the LFS. Estimated total cases include long-standing as well as new cases. New cases consist of those who first became aware of their illness in the last 12 months.
- Self-reported injuries: Workplace injuries sustained as a result of a non-road traffic accident, as estimated by the LFS.

RIDDOR: The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations, 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.

HSE Costs to Britain Model: Developed to estimate the economic costs of injury and new cases of ill health arising from current working conditions. The economic cost estimate includes estimates of financial (or direct) costs incurred (either in terms of payments that have to be made or income/output that is lost) and the monetary valuation of the impact on quality and loss of life of affected workers.

HSE Enforcement data: The main enforcing authorities are HSE and local authorities. In Scotland, HSE and local authorities investigate potential offences but cannot institute legal proceedings and the Crown Office and Procurator Fiscal Service (COPFS) makes the final decision whether to institute legal proceedings and which offences are taken.

Enforcement notices cover improvement, prohibition and deferred prohibition. Offences prosecuted refer to individual breaches of health and safety legislation; a prosecution case may include more than one offence. Where prosecution statistics are allocated against a particular year, unless otherwise stated, the year relates to the date of final hearing with a known outcome. They exclude those cases not completed, for example adjourned.

Rate per 100,000: The number of annual workplace injuries or cases of work-related ill health per 100,000 employees or workers.

95% confidence interval: The range of values within which we are 95% confident contains the true value, in the absence of bias. This reflects the potential error that results from surveying a sample rather than the entire population.

Statistical significance: A difference between two sample estimates is described as 'statistically significant' if there is a less than 5% chance that it is due to sampling error alone.

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

Annex 2: Links to detailed tables

The data in this report, and other related data, can be found in the following tables:

Tables	Web Address (URL)
Work-related illness	
lfsillind	www.hse.gov.uk/Statistics/lfs/lfsillind.xlsx
Workplace injuries	
lfsinjind	www.hse.gov.uk/Statistics/lfs/lfsinjind.xlsx
lfsinjocc	www.hse.gov.uk/statistics/lfs/lfsinjocc.xlsx
RIDIND	www.hse.gov.uk/Statistics/tables/ridind.xlsx
RIDKIND	www.hse.gov.uk/Statistics/tables/ridkind.xlsx
RIDHIST	www.hse.gov.uk/Statistics/tables/ridhist.xlsx
RIDFATAL	www.hse.gov.uk/Statistics/tables/ridfatal.xlsx
Costs to Britain of workplace injury and illness	
COST_Tables1718	www.hse.gov.uk/Statistics/tables/costs_tables1718.xlsx
Enforcement	
Notices	www.hse.gov.uk/Statistics/tables/notices.xlsx
Prosecutions	www.hse.gov.uk/Statistics/tables/prosecutions.xlsx
Other tables can be found at:	www.hse.gov.uk/Statistics/tables/index.htm

National Statistics

National Statistics status means that statistics meet the highest standards of trustworthiness, quality and public value. They are produced in compliance with the Code of Practice for Statistics, and awarded National Statistics status following assessment and compliance checks by the Office for Statistics Regulation (OSR). The last compliance check of these statistics was in 2013.

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. Details of OSR reviews undertaken on these statistics, quality improvements, and other information noting revisions, interpretation, user consultation and use of these statistics is available from www.hse.gov.uk/statistics/about.htm

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

A revisions policy and log can be seen at www.hse.gov.uk/statistics/about/revisions/

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

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Journalists/media enquiries only: www.hse.gov.uk/contact/contact.htm

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