

At a glance guide to Health and Safety Statistics

2010/11



What data do we have about workplace health and safety in Great Britain?

Ill health/disease

Estimates of the number of people with an illness which is caused or made worse by their work

Rates of work-related ill health for different groups of workers (eg by industry and occupation)

Estimated deaths due to work exposures

Find out more about work-related ill health

Go to the **Statistics** website

Safety

Number of people and rates of injury at work for different groups of workers

Number of dangerous occurrence reports from employers

Find out more about injuries

Go to the **Statistics** website

Enforcement

Number of companies prosecuted for breaches of health and safety legislation

Number of enforcement notices served by health and safety inspectors

Go to the

Enforcement statistics

Other topics

Cost to Britain of health and safety failings

Working days lost due to work-related ill health and injury

European comparisons of health and safety indicators

Go to the

Statistics website topic list

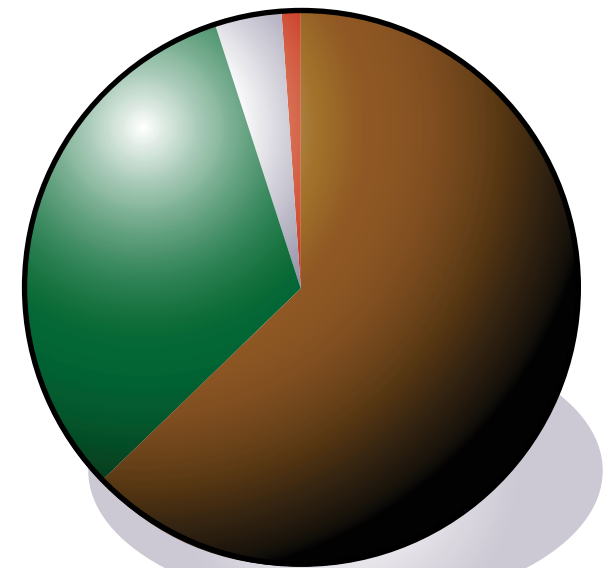
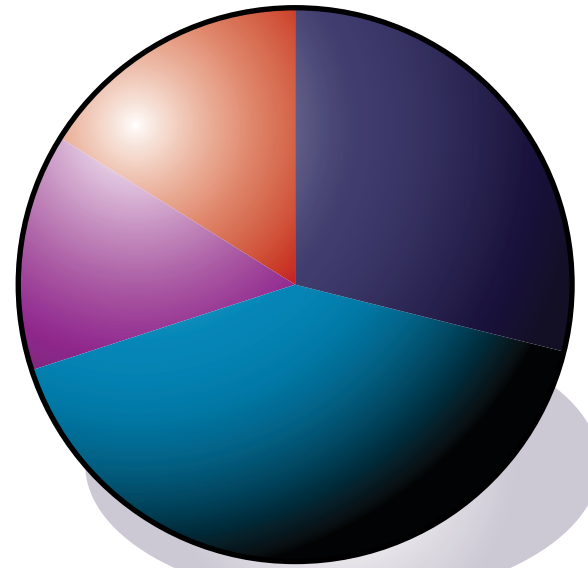
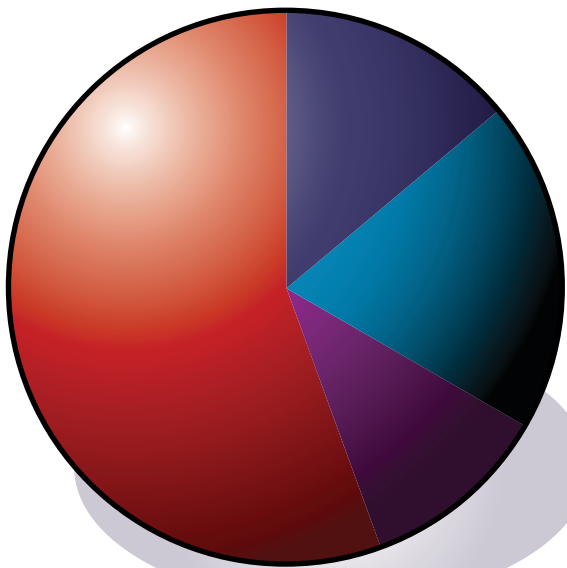
Health and safety compared, 2010/11

Self-reported health and safety incidents (1.1 million cases)

Working days lost due to health and safety incidents (26.4 million days)

Work-related deaths by cause (over 12 000 deaths)

Note: Includes long standing ill health cases



- Musculoskeletal
- Stress
- Other illness
- Injury

■ Ill health accounts for 45% of the health and safety incidents, 84% of the related sickness absence and over 99% of the work-related deaths each year

- Other illness
- Injury
- Cancer
- Chronic Obstructive Pulmonary Disorder

Types of work-related ill health

Common health conditions

which can be caused or made worse by work

Work-related
Stress

Work-related
Musculoskeletal
disorders

Work-related
Skin
disease

Work related
Asthma

Other
Respiratory
disease, eg COPD

Asbestos
-related disease

Work-related
Hearing
loss


Cancers

Vibration
-related disease

Long-latency conditions

which can be caused by previous work activity and where symptoms can appear many years after exposure

What do we know about ...

-  Find out more about **Stress statistics**
-  Find out more about **Stress controls**

10.8 million
working
days lost

2010/11 statistics
new cases: 211 000
Pre-existing cases
189 000

Higher
rates for
women than
men

Highest rates
in the largest
workplaces
(>250 employees)



Work-related Stress?

Highest rates
in managerial and
professional
occupations

Highest rates
in public administration,
health and social care
and education

Higher
rates for middle aged
workers
(ages 35 to 54)

What do we know about ...

-  Find out more about **MSD statistics**
-  Find out more about **MSD controls**

Highest rates
in manual
and skilled
occupations

2010/11 statistics
New cases: 158 000
Pre-existing cases:
351 000

Significant
reduction in cases
over last
10 years

Highest rates in
agriculture, construction
and postal and
courier activities


Work-related Musculoskeletal disorders?

Highest rates
for workers
aged over
45

Approximately
40% of disorders affect
the back, and 40% affect
the upper limbs

7.6 million
working
days lost

What do we know about ...

-  Find out more about **cancer statistics**
-  Find out more about **cancer controls**

Over 5000 cases estimated each year from the construction industry

8000 deaths and 13 000 new cases estimated per year

Three times more men than women die from occupational cancer

Most new cases are lung cancer, breast cancer or skin cancer

Occupational Cancer

 Primary source of data for occupational cancer **Cancer Burden Study**

Other causes of occupational cancer are shift work, solar radiation, mineral oils and silica

The leading cause of death is occupational exposure to asbestos

The most common forms of cancer leading to death are lung cancer and mesothelioma

What do we know about ...

- Find out more about **asbestos-related disease statistics**
- Find out more about **asbestos-related disease controls**

2321 mesothelioma deaths in 2009:
1933 in men,
388 in women

At least 4000 deaths in total per year currently, and still increasing

Over 400 deaths from asbestosis in 2009

About as many lung cancer deaths from asbestos exposure as mesotheliomas each year

Asbestos-related disease?

Annual male mesothelioma deaths could peak as high as 2100 in 2016

Current deaths are a result of past exposures, particularly in building-related jobs

Diseases take many years to develop following exposure to asbestos

What do we know about ...

- Find out more about **respiratory disease statistics**
- Find out more about **respiratory disease controls**

About 30 000 workers report they currently have breathing/lung problems caused or made worse by work

About 7000 new cases per year according to GPs

Includes asthma, COPD, pneumoconiosis and silicosis - diseases that can be fatal

Work-related Respiratory disease?

261 occupational asthma cases seen by consultants and occupational physicians in 2010

A reduction in new cases of occupational asthma over the last 10 years

About 4000 COPD deaths each year due to past exposure to gases, dusts and fumes at work

Disease like COPD can take many years to develop after workplace exposures

What do we know about ...

-  Find out more about **skin disease statistics**
-  Find out more about **skin disease controls**

Nearly 1500 dermatitis cases seen by dermatologists and occupational physicians in 2010

About 40 000 new cases per year according to GPs

Most common type is contact dermatitis caused by allergens or irritants

A reduction in new dermatitis cases and all skin disease over last 10 years



Work-related Skin disease?

Soaps/cleaners, wet work, rubber, chemicals and materials are the most common cause of dermatitis

Florists and hairdressers continue to have high rates of dermatitis

Severity of skin disease varies widely from minor irritation to severe cases of dermatitis, as well as skin cancers

What do we know about ...

-  Find out more about **NIHL statistics**
-  Find out more about **control of noise risks**

Disease occurs predominantly in men

NIHL is a long latency disease that is difficult to estimate accurately

About 200 new claims are awarded Industrial Injuries Disablement Benefit every year



Highest rates of NIHL occur in energy and extraction, construction and manufacturing industries

About 20 000 new cases estimated annually

Total number of cases in Great Britain was estimated at around 500 000 in 1997/98

Work-related, noise induced **Hearing** loss (NIHL)?

What do we know about ...

-  Find out more about **HAVs statistics**
-  Find out more about **control of vibration risks**

Disease occurs predominantly in men

Disease caused by use of hand-held power tools

Around 1500 new claims for Industrial Injuries Disablement Benefit each year

Foundry workers, construction and manufacturing most at risk

Hand-arm vibration disorders (HAVs)?

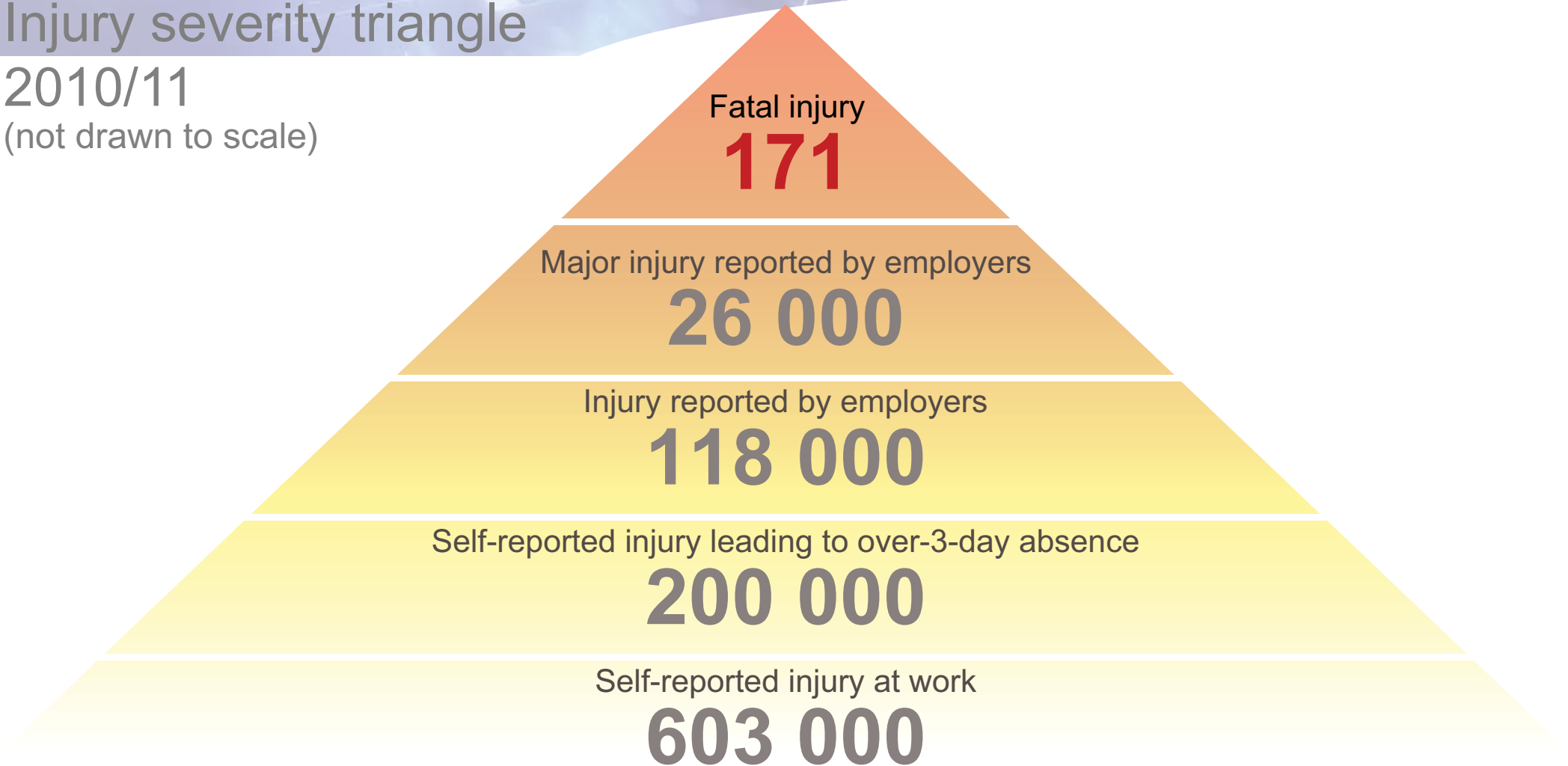
New cases of both vibration white finger and carpal tunnel syndrome have been declining over the past decade

1998 study suggested prevalence of HAVs was almost 300 000 cases

Injury severity triangle

2010/11

(not drawn to scale)



What do we know about ...

- Find out more about **workplace injury statistics**
- Find out more about controls: **slips and trips falls from height manual handling**

Most frequent causes of injury are manual handling, slips and trips and falls from height

Estimated 200 000 over-3-day injuries, 118 000 injuries reported by employers

Strong declining trend

Highest rates in manual occupations

Workplace injury?

Highest rates in agriculture, construction and transport

Higher rates for less experienced workers

Higher rates for men than for women

What do we know about ...

 Find out more about **costs to Britain**

Costs fall on all sectors but highest per worker in agriculture and construction

Total £14 billion per year resulting from current or recent working conditions (2009/10 estimate)

Figures exclude costs of cancer: work is underway to estimate these

Largest single cost is non-financial value given to pain, grief and suffering

Economic Costs of injuries and ill health?

Borne by individuals (around 60% of total) employers and Government (around 20% each)

Greater costs from ill health (around 60% of total) than from injuries (including fatalities)

Where to go next

See the latest **statistics annual report**

See our suite of **statistics tables**

Try our **HandS-On** tool to view and manipulate your own tables

Go to the **A to Z** topic index

Go to the **statistics homepage**