

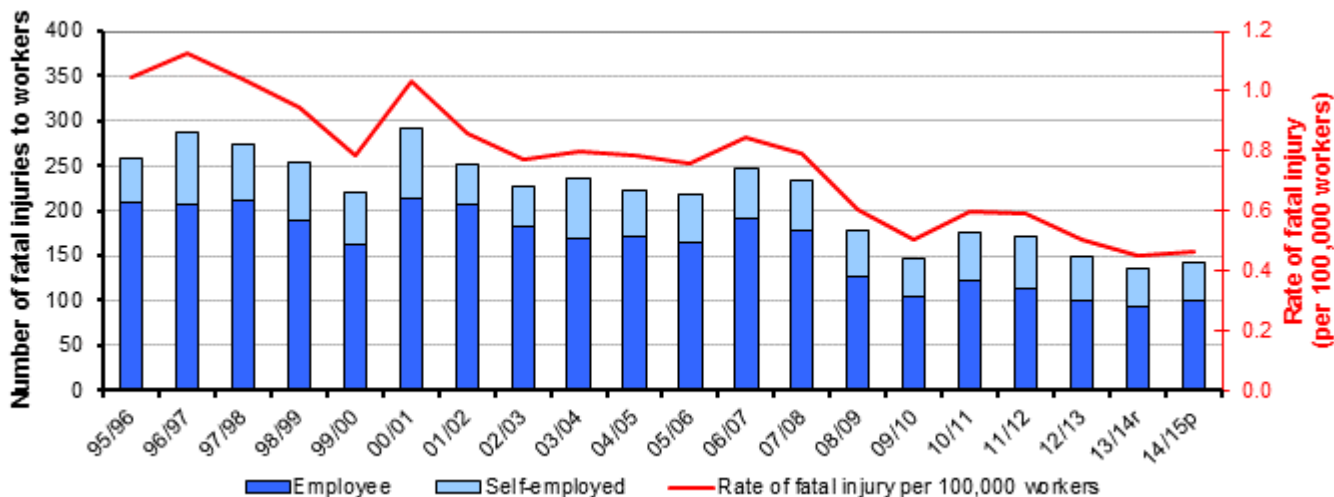


Health and Safety Statistics

This graph is from the Health and Safety Executive

<http://www.hse.gov.uk/statistics/fatals.htm>

Number and rate of fatal injury to workers¹, 1995/96 – 2014/15p



p = Provisional

r = Revised

The term 'workers' describes both employees and self-employed combined.

1. How would you describe the trend in the rate of fatal injury per 100,000 workers between 1996 and 2010?

- A There is a downward trend.
- B There is an upward trend.
- C There is little change in the number of fatalities

2. How would you describe the trend in the rate of fatal injury between 2010 and 2015?

- A There is a strong downward trend.
- B There is an upward trend.
- C There is little change in the number of fatalities

3. According to the graph how many worker fatalities were there in 2014/15?

4. Which was the worst year for the number of fatal accidents?

5. Which was the worst year for the number of fatal accidents per 100,000 workers?

For an interactive version of this worksheet and to check your answers visit www.mathswithgraham.org.uk



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6. What does the p next to 2014/15 mean?

7. In 2014/15 the rate of fatal injury was 0.46 deaths per 100,000 workers. If there were 142 deaths, how many workers were there in total?

8. In 2013/14 there were 136 worker fatalities. In 2014/15 there were 142. What was the percentage increase?

9. In 1995/6 what was the approximate ratio of deaths of employees to self employed people?

10. What was this ratio in 2014/15?

11. Make a comment about the trend in the proportion of employed and self employed accidents.

This table shows the number of fatal injuries by industry in 2014/15.

Main Industry	Total fatal injuries
Agriculture	37
Mining and Quarrying	2
Manufacturing	18
Gas, electricity and water supply, sewage, waste and recycling	13
Construction	39
Services	156
Total	265

12. Draw a suitable chart to display this data.

13. Write two interesting facts that the graph shows.