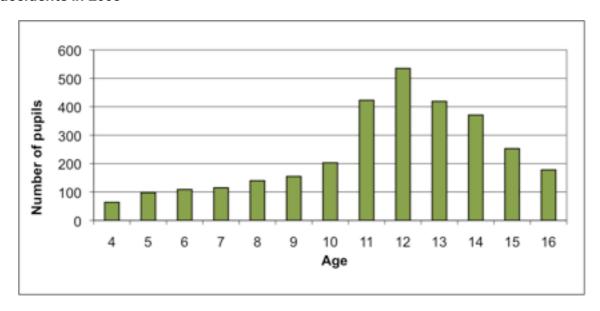# Evaluating Risk: Are bacon sandwiches bad for you?

The journey to school - how risky is it?
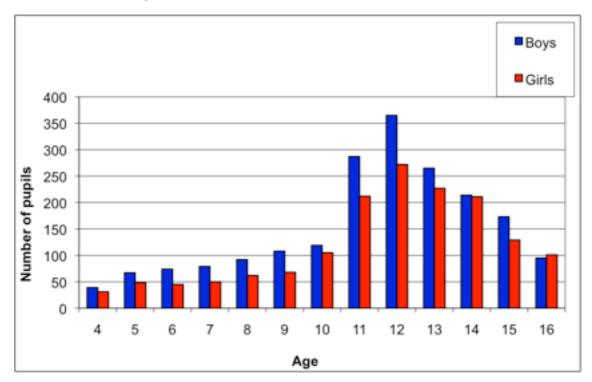
Graph of the numbers of pupils on the way to or from school involved in road accidents in 2009

1. What type of graph is this? …………………………………………………..................

2. At what age are you most likely to be involved in an accident? ………………...............

3. At what age are you least likely to be involved in an accident? ………………................

4. Why?

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   ………………………………………………………………………….................................

5. Why does the graph 'jump' at age 11?

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6. Do you think the total number of accidents for your age group is small or large? *(There are between 700,000 and 770,000 children at each year of age between 11 and 16).*

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Evaluating Risk: Are bacon sandwiches bad for you?

Graph of the numbers of pupils on the way to or from school involved in road accidents in 2009 by gender

7. At what age is there most difference between boys and girls? …………………...............

8. At what age is there least difference? ………………………………………………………..............

9. Are girls ever more likely than boys to be involved in an accident? …….............................

10. How do the graphs for boys and girls compare?

    You could think about the shape of the graphs, the heights of the bars, or anything else that strikes you as relevant.

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11. How might you explain what you noticed?

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    ……

Evaluating Risk:
Are bacon sandwiches bad for you?

Graph of the numbers of pupils on the way to or from school involved in road accidents in 2009 by mode of transport
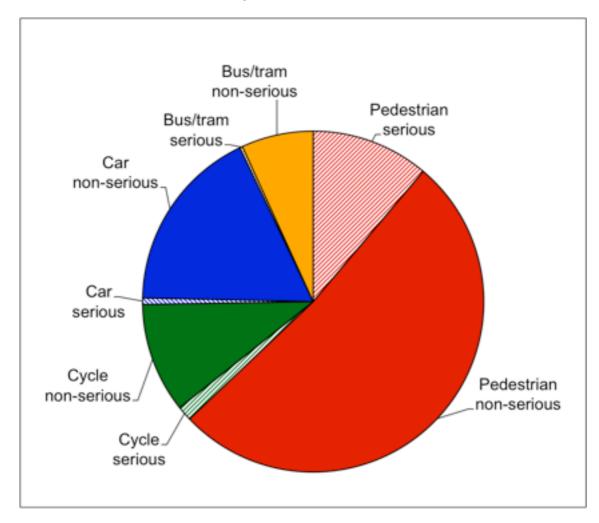

12. What type of graph is this? ....

13. What mode of transport *appears* to be least dangerous? ....

14. What mode of transport *appears* to be most dangerous? ....

15. What factors do you think might affect the number of accidents for each mode of transport apart from the risks of that particular mode of transport?

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